Versicherungsbarwerte für Leibrenten

Tabellen zur jährlich und monatlich vorschüssigen Zahlungsweise

2014/2016

Erscheinungsfolge: unregelmäßig
Erschienen am 26.03.2018
Artikelnummer: 5126201169004

Ihr Kontakt zu uns:
www.destatis.de/kontakt
Telefon: +49 (0) 611 / 75 24 05

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Erläuterungen zu den Kommutationszahlen und Versicherungsbarwerten für Leibrenten 2014/2016

1 Einführung

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

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

Zu beachten ist, dass die hier veröffentlichten Versicherungsbarwerte auf der gegenwärtig gültigen Sterbetafel 2014/16 basieren. Bei dieser Sterbetafel handelt es sich um eine sogenannte Periodensterbetafel, welche die Sterblichkeitsverhältnisse für einen bestimmten Betrachtungszeitraum (hier: 2014/16) angibt. Eine mögliche Veränderung der Sterblichkeitsverhältnisse in den kommenden Jahren wird dabei nicht berücksichtigt.

Es gilt:

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

l_x Überlebende im Alter x (Absterbeordnung)

i Zinsfuß

ω höchstes in der Sterbetafel von den Überlebenden erreichbares Alter $(l_\omega > 0,\ l_{\omega+1} = 0)$ (in 2014/2016: Männer 110 Jahre und Frauen 112 Jahre)

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

$D_x = v^x \cdot l_x$ Diskontierte Zahl der Lebenden des Alters x

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

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

2 Formeln für gebräuchliche Versicherungsbarwerte

2.1 Sofort beginnende lebenslängliche Leibrente

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

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

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

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

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

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

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

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

2.2 Aufgeschobene Leibrente

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

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

2.3 Temporäre Leibrente

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

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

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

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

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

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

2.4 Aufgeschobene temporäre Leibrente

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

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

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

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

3 Rechenbeispiele

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

3.1 Jährlich vorschüssig zahlbare Leibrente

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

Der Barwert $\ddot{a}_y$ einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 beträgt für 70-jährige Frauen bei einem Zinsfuß von 5 % 11,442.

Es gilt:

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

Demnach beläuft sich die jährlich vorschüssig zahlbare Leibrente auf 17 479,46 Euro:

$$ \text{Rentenbetrag} = \frac{200\,000}{11{,}442} = 17\,479{,}46 $$

3.2 Monatlich vorschüssig zahlbare Leibrente

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

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

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

Mit dem Barwert von 11,442 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen bei einem Zinsfuß von 5 % ergibt sich:

$${}^{(12)}\ddot{a}_{70} = 11{,}442 - 0{,}4664 = 10{,}976$$ (Anm.: Barwert aus der Tabelle ohne Rundungsdifferenz)

Wird wieder der Kaufpreis von 200 000 Euro zugrunde gelegt, dann beläuft sich die monatlich vorschüssig zahlbare Leibrente auf 1 518,46 Euro:

$$\text{Rentenbetrag} = \frac{\text{Kaufpreis}}{{}^{(m)}\ddot{a}_y \cdot m} = \frac{200\,000}{10{,}976 \cdot 12} = 1\,518{,}46$$

3.3 Aufgeschobene Leibrente

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

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

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

Damit ergibt sich für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer nach n=5 Jahren beginnenden Zahlung ein Barwert von 7,010:

$${}_5\ddot{a}_{70} = \frac{2\,092{,}322}{2\,872{,}949} \cdot 9{,}625 = 7{,}010$$

Folglich beträgt bei einem Kaufpreis von 200 000 Euro die um 5 Jahre aufgeschobene, jährlich vorschüssig zahlbare Leibrente 28 530,67 Euro:

$$\text{Rentenbetrag} = \frac{200\,000}{7{,}010} = 28\,530{,}67$$

3.4 Temporäre Leibrente

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

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

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

Somit beträgt der Barwert 10,867 für eine 70-jährige Frau bei einer Verzinsung von 5 % und einer Laufzeit von 20 Jahren bei einer sofort beginnenden Zahlung:

$$\ddot{a}_{70:20} = \frac{32\,873{,}286 - 1\,651{,}585}{2\,872{,}949} = 10{,}867$$

Bei einem Kaufpreis von 200 000 Euro ergibt sich für die 70-jährige Eigentümerin eine jährlich vorschüssig zahlbare Leibrente von 18 404,34 Euro bis zum Alter von 90 Jahren:

$$\text{Rentenbetrag} = \frac{200\,000}{10{,}867} = 18\,404{,}34$$

3.5 Kaufpreis einer Leibrente

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

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

Die 70-jährige Eigentümerin möchte eine jährlich vorschüssig zahlbare Leibrente von 24 000 Euro erhalten. Bei einem Kaufpreis von 200 000 Euro wären es derzeit jedoch nur 17 479,46 Euro (siehe 3.1). Mit dem Barwert von 11,442 einer sofort beginnenden und lebenslänglich, jährlich vorschüssig zahlbaren Leibrente vom Betrag 1 für 70-jährige Frauen (Verzinsung 5 %) müsste sie also 274 608 Euro aufbringen.

$$\text{Kaufpreis} = 24\,000 \cdot 11{,}442 = 274\,608$$

Um eine monatlich vorschüssig zahlbare Leibrente von 2 000 Euro zu erhalten, wären hingegen 263 424 Euro notwendig:

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

$$\text{Kaufpreis} = 2\,000 \cdot 10{,}976 \cdot 12 = 263\,424$$

3.6 Leibrente auf das Leben zweier Personen

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

Für die Berechnung der Verbindungsrenten wird ergänzend folgende Symbolik verwendet:

x Alter des Mannes

y Alter der Frau

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

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

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

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

F_x Höhe des Übergangs der Leibrente an den Mann

F_y Höhe des Übergangs der Leibrente an die Frau

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

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

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

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

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

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

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

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

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

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

Bei einem Zinsfuß 5 % ergibt sich ein Kaufpreis von 383 369 Euro:

$$383\,369 = 2\,000 \cdot 12 \cdot (1{,}000 \cdot 13{,}859 + 0{,}700 \cdot 16{,}101 - 0{,}700 \cdot 13{,}080)$$

Sollte jedoch eine jährlich vorschüssige Leibrentenzahlung von 24 000 Euro erfolgen, dann würde sich der Kaufpreis auf 394 560 Euro erhöhen:

$$394\,560 = 24\,000 \cdot (1{,}000 \cdot 14{,}326 + 0{,}700 \cdot 16{,}567 - 0{,}700 \cdot 13{,}547)$$

Der Mann hat durch seine frühzeitig verstorbene Großmutter ein Haus im Wert von 200 000 Euro geerbt, welches für die monatlich vorschüssige Leibrente eingesetzt werden soll. Wird die obige Formel nach dem Rentenbetrag umgeformt (siehe auch 3.1), dann ergibt sich für die beiden eine monatlich vorschüssig zahlbare Leibrente von 1 043,38 Euro. Jährlich vorschüssig würde die Leibrente 12 165,45 Euro betragen.

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

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

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

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

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

4 Schlussbemerkung

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

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

5 Anhang

Reduktionsfaktor für vorschüssige monatliche Zahlungsweise

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

6 Literaturhinweise

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Sterbetafel 2014/2016

Sterbetafel 2014/2016

Deutschland

Männlich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
0	0,00354659	0,99645341	100 000	355	99 694	7 830 883	78,31
1	0,00027240	0,99972760	99 645	27	99 632	7 731 189	77,59
2	0,00015597	0,99984403	99 618	16	99 610	7 631 557	76,61
3	0,00012875	0,99987125	99 603	13	99 596	7 531 947	75,62
4	0,00011598	0,99988402	99 590	12	99 584	7 432 350	74,63
5	0,00009424	0,99990576	99 578	9	99 574	7 332 766	73,64
6	0,00010370	0,99989630	99 569	10	99 564	7 233 193	72,65
7	0,00008420	0,99991580	99 559	8	99 554	7 133 629	71,65
8	0,00008146	0,99991854	99 550	8	99 546	7 034 075	70,66
9	0,00008041	0,99991959	99 542	8	99 538	6 934 529	69,66
10	0,00007691	0,99992309	99 534	8	99 530	6 834 990	68,67
11	0,00008930	0,99991070	99 526	9	99 522	6 735 460	67,68
12	0,00007836	0,99992164	99 518	8	99 514	6 635 938	66,68
13	0,00009563	0,99990437	99 510	10	99 505	6 536 425	65,69
14	0,00012078	0,99987922	99 500	12	99 494	6 436 920	64,69
15	0,00015030	0,99984970	99 488	15	99 481	6 337 425	63,70
16	0,00025756	0,99974244	99 473	26	99 460	6 237 945	62,71
17	0,00029321	0,99970679	99 448	29	99 433	6 138 484	61,73
18	0,00038335	0,99961665	99 418	38	99 399	6 039 051	60,74
19	0,00041756	0,99958244	99 380	41	99 360	5 939 652	59,77
20	0,00045074	0,99954926	99 339	45	99 316	5 840 292	58,79
21	0,00044720	0,99955280	99 294	44	99 272	5 740 976	57,82
22	0,00045102	0,99954898	99 250	45	99 227	5 641 704	56,84
23	0,00045921	0,99954079	99 205	46	99 182	5 542 477	55,87
24	0,00048340	0,99951660	99 159	48	99 135	5 443 294	54,89
25	0,00048114	0,99951886	99 111	48	99 088	5 344 159	53,92
26	0,00047382	0,99952618	99 064	47	99 040	5 245 071	52,95
27	0,00052770	0,99947230	99 017	52	98 991	5 146 031	51,97
28	0,00051509	0,99948491	98 965	51	98 939	5 047 040	51,00
29	0,00057260	0,99942740	98 914	57	98 885	4 948 101	50,02
30	0,00057611	0,99942389	98 857	57	98 828	4 849 216	49,05
31	0,00068834	0,99931166	98 800	68	98 766	4 750 388	48,08
32	0,00070053	0,99929947	98 732	69	98 697	4 651 622	47,11
33	0,00071007	0,99928993	98 663	70	98 628	4 552 924	46,15
34	0,00080527	0,99919473	98 593	79	98 553	4 454 296	45,18
35	0,00088775	0,99911225	98 513	87	98 470	4 355 743	44,21
36	0,00088728	0,99911272	98 426	87	98 382	4 257 274	43,25
37	0,00093698	0,99906302	98 339	92	98 293	4 158 892	42,29
38	0,00104950	0,99895050	98 246	103	98 195	4 060 599	41,33
39	0,00109139	0,99890861	98 143	107	98 090	3 962 404	40,37
40	0,00125670	0,99874330	98 036	123	97 975	3 864 314	39,42
41	0,00132452	0,99867548	97 913	130	97 848	3 766 340	38,47
42	0,00149003	0,99850997	97 783	146	97 710	3 668 492	37,52
43	0,00163765	0,99836235	97 638	160	97 558	3 570 781	36,57
44	0,00179557	0,99820443	97 478	175	97 390	3 473 223	35,63
45	0,00204427	0,99795573	97 303	199	97 203	3 375 833	34,69
46	0,00218479	0,99781521	97 104	212	96 998	3 278 630	33,76
47	0,00248573	0,99751427	96 892	241	96 771	3 181 632	32,84
48	0,00278479	0,99721521	96 651	269	96 516	3 084 861	31,92
49	0,00314688	0,99685312	96 382	303	96 230	2 988 345	31,01

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Deutschland

Männlich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
50	0,00351774	0,99648226	96 078	338	95 909	2 892 115	30,10
51	0,00386099	0,99613901	95 740	370	95 556	2 796 206	29,21
52	0,00442533	0,99557467	95 371	422	95 160	2 700 650	28,32
53	0,00498630	0,99501370	94 949	473	94 712	2 605 490	27,44
54	0,00557416	0,99442584	94 475	527	94 212	2 510 778	26,58
55	0,00614830	0,99385170	93 949	578	93 660	2 416 566	25,72
56	0,00683040	0,99316960	93 371	638	93 052	2 322 907	24,88
57	0,00754038	0,99245962	92 733	699	92 384	2 229 855	24,05
58	0,00844049	0,99155951	92 034	777	91 646	2 137 471	23,22
59	0,00925043	0,99074957	91 257	844	90 835	2 045 825	22,42
60	0,01004104	0,98995896	90 413	908	89 959	1 954 990	21,62
61	0,01098819	0,98901181	89 505	983	89 013	1 865 031	20,84
62	0,01212673	0,98787327	88 522	1 073	87 985	1 776 018	20,06
63	0,01306801	0,98693199	87 448	1 143	86 877	1 688 033	19,30
64	0,01427687	0,98572313	86 305	1 232	85 689	1 601 156	18,55
65	0,01536693	0,98463307	85 073	1 307	84 420	1 515 467	17,81
66	0,01634570	0,98365430	83 766	1 369	83 081	1 431 047	17,08
67	0,01795386	0,98204614	82 397	1 479	81 657	1 347 966	16,36
68	0,01870318	0,98129682	80 917	1 513	80 161	1 266 309	15,65
69	0,02063495	0,97936505	79 404	1 638	78 585	1 186 148	14,94
70	0,02240432	0,97759568	77 765	1 742	76 894	1 107 564	14,24
71	0,02439108	0,97560892	76 023	1 854	75 096	1 030 669	13,56
72	0,02614878	0,97385122	74 169	1 939	73 199	955 573	12,88
73	0,02829630	0,97170370	72 229	2 044	71 208	882 374	12,22
74	0,03091920	0,96908080	70 186	2 170	69 101	811 167	11,56
75	0,03403229	0,96596771	68 016	2 315	66 858	742 066	10,91
76	0,03764212	0,96235788	65 701	2 473	64 464	675 208	10,28
77	0,04125500	0,95874500	63 228	2 608	61 923	610 744	9,66
78	0,04624243	0,95375757	60 619	2 803	59 218	548 820	9,05
79	0,05227749	0,94772251	57 816	3 022	56 305	489 602	8,47
80	0,05858519	0,94141481	54 794	3 210	53 189	433 298	7,91
81	0,06653340	0,93346660	51 583	3 432	49 867	380 109	7,37
82	0,07477145	0,92522855	48 151	3 600	46 351	330 242	6,86
83	0,08480223	0,91519777	44 551	3 778	42 662	283 890	6,37
84	0,09532295	0,90467705	40 773	3 887	38 830	241 228	5,92
85	0,10751434	0,89248566	36 886	3 966	34 904	202 398	5,49
86	0,12002092	0,87997908	32 921	3 951	30 945	167 495	5,09
87	0,13298923	0,86701077	28 969	3 853	27 043	136 550	4,71
88	0,14753387	0,85246613	25 117	3 706	23 264	109 507	4,36
89	0,16244399	0,83755601	21 411	3 478	19 672	86 243	4,03
90	0,17955475	0,82044525	17 933	3 220	16 323	66 570	3,71
91	0,20240450	0,79759550	14 713	2 978	13 224	50 247	3,42
92	0,22423180	0,77576820	11 735	2 631	10 419	37 023	3,15
93	0,24383396	0,75616604	9 104	2 220	7 994	26 604	2,92
94	0,27350122	0,72649878	6 884	1 883	5 943	18 610	2,70
95	0,28593158	0,71406842	5 001	1 430	4 286	12 667	2,53
96	0,31260906	0,68739094	3 571	1 116	3 013	8 381	2,35
97	0,33801856	0,66198144	2 455	830	2 040	5 368	2,19
98	0,36158430	0,63841570	1 625	588	1 331	3 328	2,05
99	0,38472207	0,61527793	1 037	399	838	1 997	1,92
100	0,40718128	0,59281872	638	260	508	1 159	1,82

1 Rohe Beobachtungswerte im Betrachtungszeitraum, ab Alter 97 Schätzwerte eines Extrapolationsmodells.

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Deutschland

Weiblich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens-	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
0	0,00306386	0,99693614	100 000	306	99 734	8 320 265	83,20
1	0,00023106	0,99976894	99 694	23	99 682	8 220 530	82,46
2	0,00011908	0,99988092	99 671	12	99 665	8 120 848	81,48
3	0,00011914	0,99988086	99 659	12	99 653	8 021 183	80,49
4	0,00009093	0,99990907	99 647	9	99 642	7 921 531	79,50
5	0,00007499	0,99992501	99 638	7	99 634	7 821 888	78,50
6	0,00006583	0,99993417	99 630	7	99 627	7 722 254	77,51
7	0,00004930	0,99995070	99 624	5	99 621	7 622 627	76,51
8	0,00006191	0,99993809	99 619	6	99 616	7 523 006	75,52
9	0,00006471	0,99993529	99 613	6	99 609	7 423 390	74,52
10	0,00005925	0,99994075	99 606	6	99 603	7 323 781	73,53
11	0,00007448	0,99992552	99 600	7	99 597	7 224 177	72,53
12	0,00007912	0,99992088	99 593	8	99 589	7 124 581	71,54
13	0,00008572	0,99991428	99 585	9	99 581	7 024 992	70,54
14	0,00010494	0,99989506	99 576	10	99 571	6 925 411	69,55
15	0,00012510	0,99987490	99 566	12	99 560	6 825 840	68,56
16	0,00014110	0,99985890	99 554	14	99 547	6 726 280	67,56
17	0,00014642	0,99985358	99 540	15	99 532	6 626 733	66,57
18	0,00020364	0,99979636	99 525	20	99 515	6 527 201	65,58
19	0,00019302	0,99980698	99 505	19	99 495	6 427 686	64,60
20	0,00018517	0,99981483	99 485	18	99 476	6 328 191	63,61
21	0,00016556	0,99983444	99 467	16	99 459	6 228 715	62,62
22	0,00017305	0,99982695	99 451	17	99 442	6 129 256	61,63
23	0,00021698	0,99978302	99 433	22	99 423	6 029 814	60,64
24	0,00016957	0,99983043	99 412	17	99 403	5 930 392	59,65
25	0,00018646	0,99981354	99 395	19	99 386	5 830 988	58,66
26	0,00019457	0,99980543	99 376	19	99 367	5 731 603	57,68
27	0,00021843	0,99978157	99 357	22	99 346	5 632 236	56,69
28	0,00024939	0,99975061	99 335	25	99 323	5 532 890	55,70
29	0,00025878	0,99974122	99 311	26	99 298	5 433 567	54,71
30	0,00029693	0,99970307	99 285	29	99 270	5 334 269	53,73
31	0,00031919	0,99968081	99 255	32	99 240	5 234 999	52,74
32	0,00034705	0,99965295	99 224	34	99 207	5 135 759	51,76
33	0,00035605	0,99964395	99 189	35	99 172	5 036 553	50,78
34	0,00039112	0,99960888	99 154	39	99 135	4 937 381	49,80
35	0,00040248	0,99959752	99 115	40	99 095	4 838 246	48,81
36	0,00046885	0,99953115	99 075	46	99 052	4 739 151	47,83
37	0,00046022	0,99953978	99 029	46	99 006	4 640 099	46,86
38	0,00058566	0,99941434	98 983	58	98 954	4 541 093	45,88
39	0,00059570	0,99940430	98 925	59	98 896	4 442 139	44,90
40	0,00067870	0,99932130	98 866	67	98 833	4 343 243	43,93
41	0,00076286	0,99923714	98 799	75	98 762	4 244 410	42,96
42	0,00082981	0,99917019	98 724	82	98 683	4 145 648	41,99
43	0,00089993	0,99910007	98 642	89	98 598	4 046 965	41,03
44	0,00102004	0,99897996	98 553	101	98 503	3 948 368	40,06
45	0,00111196	0,99888804	98 453	109	98 398	3 849 865	39,10
46	0,00126973	0,99873027	98 343	125	98 281	3 751 467	38,15
47	0,00143354	0,99856646	98 218	141	98 148	3 653 186	37,19
48	0,00159958	0,99840042	98 078	157	97 999	3 555 038	36,25
49	0,00181145	0,99818855	97 921	177	97 832	3 457 039	35,30

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Weiblich

Vollendetes Alter in Jahren	Sterbe- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebens- wahrscheinlichkeit vom Alter x bis x+1 [1]	Überlebende im Alter x	Gestorbene im Alter x bis unter x+1	Von den Überlebenden im Alter x bis zum Alter x+1 durchlebte	insgesamt noch zu durchlebende Jahre	Durchschnittliche Lebenserwartung im Alter x in Jahren
x	q_x	p_x	l_x	d_x	L_x	T_x	e_x
50	0,00197067	0,99802933	97 743	193	97 647	3 359 207	34,37
51	0,00220878	0,99779122	97 551	215	97 443	3 261 560	33,43
52	0,00245530	0,99754470	97 335	239	97 216	3 164 117	32,51
53	0,00273314	0,99726686	97 096	265	96 964	3 066 901	31,59
54	0,00300964	0,99699036	96 831	291	96 685	2 969 938	30,67
55	0,00331339	0,99668661	96 539	320	96 379	2 873 253	29,76
56	0,00361889	0,99638111	96 220	348	96 045	2 776 873	28,86
57	0,00399228	0,99600772	95 871	383	95 680	2 680 828	27,96
58	0,00441056	0,99558944	95 489	421	95 278	2 585 148	27,07
59	0,00483001	0,99516999	95 067	459	94 838	2 489 870	26,19
60	0,00539102	0,99460898	94 608	510	94 353	2 395 032	25,32
61	0,00559511	0,99440489	94 098	526	93 835	2 300 679	24,45
62	0,00607663	0,99392337	93 572	569	93 287	2 206 844	23,58
63	0,00658441	0,99341559	93 003	612	92 697	2 113 556	22,73
64	0,00728735	0,99271265	92 391	673	92 054	2 020 859	21,87
65	0,00801216	0,99198784	91 717	735	91 350	1 928 805	21,03
66	0,00873542	0,99126458	90 983	795	90 585	1 837 455	20,20
67	0,00969440	0,99030560	90 188	874	89 751	1 746 870	19,37
68	0,01021479	0,98978521	89 314	912	88 857	1 657 119	18,55
69	0,01117219	0,98882781	88 401	988	87 907	1 568 262	17,74
70	0,01218353	0,98781647	87 414	1 065	86 881	1 480 354	16,94
71	0,01339036	0,98660964	86 349	1 156	85 770	1 393 473	16,14
72	0,01440932	0,98559068	85 192	1 228	84 579	1 307 703	15,35
73	0,01548276	0,98451724	83 965	1 300	83 315	1 223 124	14,57
74	0,01710841	0,98289159	82 665	1 414	81 958	1 139 810	13,79
75	0,01906753	0,98093247	81 251	1 549	80 476	1 057 852	13,02
76	0,02182609	0,97817391	79 701	1 740	78 831	977 376	12,26
77	0,02445188	0,97554812	77 962	1 906	77 009	898 545	11,53
78	0,02810024	0,97189976	76 055	2 137	74 987	821 536	10,80
79	0,03292330	0,96707670	73 918	2 434	72 701	746 549	10,10
80	0,03840797	0,96159203	71 485	2 746	70 112	673 848	9,43
81	0,04406258	0,95593742	68 739	3 029	67 225	603 736	8,78
82	0,05034155	0,94965845	65 710	3 308	64 056	536 511	8,16
83	0,05808191	0,94191809	62 402	3 624	60 590	472 455	7,57
84	0,06722094	0,93277906	58 778	3 951	56 802	411 865	7,01
85	0,07722132	0,92277868	54 827	4 234	52 710	355 063	6,48
86	0,08890767	0,91109233	50 593	4 498	48 344	302 353	5,98
87	0,10119005	0,89880995	46 095	4 664	43 763	254 009	5,51
88	0,11482507	0,88517493	41 430	4 757	39 052	210 247	5,07
89	0,13091811	0,86908189	36 673	4 801	34 273	171 195	4,67
90	0,14793693	0,85206307	31 872	4 715	29 514	136 922	4,30
91	0,16733501	0,83266499	27 157	4 544	24 885	107 408	3,96
92	0,18755840	0,81244160	22 613	4 241	20 492	82 523	3,65
93	0,20919831	0,79080169	18 371	3 843	16 450	62 031	3,38
94	0,23517263	0,76482737	14 528	3 417	12 820	45 581	3,14
95	0,24903335	0,75096665	11 112	2 767	9 728	32 761	2,95
96	0,26948565	0,73051435	8 344	2 249	7 220	23 033	2,76
97	0,27705564	0,72294436	6 096	1 689	5 251	15 813	2,59
98	0,30473030	0,69526970	4 407	1 343	3 735	10 562	2,40
99	0,33052733	0,66947267	3 064	1 013	2 558	6 826	2,23
100	0,35860507	0,64139493	2 051	736	1 683	4 269	2,08

1 Rohe Beobachtungswerte im Betrachtungszeitraum.

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

Notation

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 438 890,634	54,389	53,929	0	100 000	100 000,000	5 668 052,526	56,681	56,221
1	99 645	98 658,753	5 338 890,634	54,115	53,655	1	99 694	98 706,548	5 568 052,526	56,410	55,950
2	99 618	97 655,325	5 240 231,881	53,660	53,201	2	99 671	97 706,675	5 469 345,978	55,977	55,517
3	99 603	96 673,360	5 142 576,556	53,195	52,735	3	99 659	96 727,762	5 371 639,303	55,534	55,074
4	99 590	95 703,875	5 045 903,196	52,724	52,264	4	99 647	95 758,652	5 274 911,540	55,085	54,626
5	99 578	94 745,322	4 950 199,321	52,247	51,787	5	99 638	94 801,925	5 179 152,888	54,631	54,171
6	99 569	93 798,410	4 855 453,999	51,765	51,305	6	99 630	93 856,253	5 084 350,963	54,172	53,712
7	99 559	92 860,081	4 761 655,589	51,278	50,818	7	99 624	92 920,866	4 990 494,710	53,707	53,247
8	99 550	91 932,933	4 668 795,508	50,785	50,325	8	99 619	91 996,323	4 897 573,843	53,237	52,777
9	99 542	91 015,291	4 576 862,574	50,287	49,827	9	99 613	91 079,829	4 805 577,521	52,762	52,302
10	99 534	90 106,903	4 485 847,283	49,784	49,324	10	99 606	90 172,213	4 714 497,692	52,283	51,823
11	99 526	89 207,895	4 395 740,380	49,275	48,815	11	99 600	89 274,129	4 624 325,479	51,799	51,339
12	99 518	88 316,760	4 306 532,485	48,762	48,302	12	99 593	88 383,643	4 535 051,350	51,311	50,851
13	99 510	87 435,485	4 218 215,725	48,244	47,784	13	99 585	87 501,634	4 446 667,708	50,818	50,358
14	99 500	86 561,509	4 130 780,239	47,721	47,261	14	99 576	86 627,855	4 359 166,074	50,321	49,861
15	99 488	85 694,113	4 044 218,731	47,194	46,734	15	99 566	85 761,153	4 272 538,219	49,819	49,359
16	99 473	84 832,904	3 958 524,618	46,663	46,203	16	99 554	84 901,410	4 186 777,066	49,313	48,853
17	99 448	83 971,341	3 873 691,714	46,131	45,671	17	99 540	84 048,941	4 101 875,656	48,803	48,343
18	99 418	83 115,564	3 789 720,374	45,596	45,136	18	99 525	83 204,589	4 017 826,715	48,289	47,829
19	99 380	82 261,090	3 706 604,810	45,059	44,599	19	99 505	82 364,005	3 934 622,127	47,771	47,311
20	99 339	81 412,616	3 624 343,719	44,518	44,058	20	99 485	81 532,779	3 852 258,122	47,248	46,788
21	99 294	80 570,217	3 542 931,104	43,973	43,513	21	99 467	80 710,575	3 770 725,344	46,719	46,259
22	99 250	79 736,818	3 462 360,887	43,422	42,962	22	99 451	79 898,231	3 690 014,768	46,184	45,724
23	99 205	78 911,738	3 382 624,069	42,866	42,406	23	99 433	79 093,470	3 610 116,537	45,644	45,184
24	99 159	78 094,555	3 303 712,330	42,304	41,844	24	99 412	78 293,374	3 531 023,067	45,100	44,640
25	99 111	77 283,965	3 225 617,775	41,737	41,277	25	99 395	77 505,048	3 452 729,693	44,548	44,088
26	99 064	76 481,961	3 148 333,811	41,164	40,704	26	99 376	76 723,362	3 375 224,645	43,992	43,532
27	99 017	75 688,834	3 071 851,850	40,585	40,125	27	99 357	75 948,945	3 298 501,283	43,431	42,971
28	98 965	74 899,894	2 996 163,016	40,002	39,542	28	99 335	75 180,550	3 222 552,338	42,864	42,404
29	98 914	74 120,113	2 921 263,122	39,413	38,953	29	99 311	74 417,624	3 147 371,789	42,293	41,833
30	98 857	73 344,229	2 847 143,010	38,819	38,359	30	99 285	73 661,749	3 072 954,165	41,717	41,257
31	98 800	72 576,213	2 773 798,780	38,219	37,759	31	99 255	72 910,768	2 999 292,416	41,136	40,677
32	98 732	71 808,174	2 701 222,567	37,617	37,157	32	99 224	72 165,837	2 926 381,648	40,551	40,091
33	98 663	71 047,396	2 629 414,394	37,009	36,549	33	99 189	71 426,527	2 854 215,811	39,960	39,500
34	98 593	70 294,008	2 558 366,998	36,395	35,935	34	99 154	70 694,154	2 782 789,284	39,364	38,904
35	98 513	69 541,982	2 488 072,990	35,778	35,318	35	99 115	69 966,836	2 712 095,130	38,763	38,303
36	98 426	68 792,323	2 418 531,008	35,157	34,697	36	99 075	69 246,214	2 642 128,294	38,156	37,696
37	98 339	68 050,777	2 349 738,685	34,529	34,069	37	99 029	68 528,463	2 572 882,080	37,545	37,085
38	98 246	67 313,876	2 281 687,908	33,896	33,436	38	98 983	67 818,737	2 504 353,617	36,927	36,467
39	98 143	66 577,456	2 214 374,032	33,260	32,800	39	98 925	67 107,939	2 436 534,880	36,308	35,848
40	98 036	65 846,331	2 147 796,575	32,618	32,158	40	98 866	66 403,924	2 369 426,941	35,682	35,222
41	97 913	65 112,457	2 081 950,244	31,975	31,515	41	98 799	65 701,837	2 303 023,017	35,053	34,593
42	97 783	64 382,391	2 016 837,787	31,326	30,866	42	98 724	65 001,699	2 237 321,180	34,419	33,959
43	97 638	63 649,960	1 952 455,397	30,675	30,215	43	98 642	64 304,712	2 172 319,481	33,782	33,322
44	97 478	62 916,558	1 888 805,437	30,021	29,561	44	98 553	63 610,735	2 108 014,769	33,139	32,679
45	97 303	62 181,769	1 825 888,879	29,364	28,904	45	98 453	62 916,683	2 044 404,034	32,494	32,034
46	97 104	61 440,250	1 763 707,110	28,706	28,246	46	98 343	62 224,477	1 981 487,351	31,844	31,384
47	96 892	60 699,026	1 702 266,860	28,044	27,584	47	98 218	61 530,167	1 919 262,873	31,192	30,732
48	96 651	59 948,658	1 641 567,834	27,383	26,923	48	98 078	60 833,625	1 857 732,706	30,538	30,078
49	96 382	59 189,815	1 581 619,177	26,721	26,261	49	97 921	60 134,967	1 796 899,081	29,881	29,421

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	58 419,358	1 522 429,362	26,060	25,600	50	97 743	59 431,719	1 736 764,113	29,223	28,763
51	95 740	57 637,479	1 464 010,004	25,400	24,940	51	97 551	58 727,325	1 677 332,395	28,561	28,101
52	95 371	56 846,477	1 406 372,525	24,740	24,280	52	97 335	58 017,435	1 618 605,069	27,899	27,439
53	94 949	56 034,567	1 349 526,048	24,084	23,624	53	97 096	57 301,966	1 560 587,634	27,234	26,774
54	94 475	55 203,130	1 293 491,481	23,431	22,972	54	96 831	56 579,556	1 503 285,668	26,569	26,109
55	93 949	54 351,900	1 238 288,351	22,783	22,323	55	96 539	55 850,764	1 446 706,113	25,903	25,443
56	93 371	53 482,899	1 183 936,451	22,137	21,677	56	96 220	55 114,563	1 390 855,348	25,236	24,776
57	92 733	52 591,673	1 130 453,552	21,495	21,035	57	95 871	54 371,396	1 335 740,785	24,567	24,107
58	92 034	51 678,328	1 077 861,879	20,857	20,397	58	95 489	53 618,149	1 281 369,389	23,898	23,438
59	91 257	50 734,790	1 026 183,551	20,226	19,766	59	95 067	52 853,131	1 227 751,241	23,229	22,770
60	90 413	49 767,794	975 448,761	19,600	19,140	60	94 608	52 077,080	1 174 898,109	22,561	22,101
61	89 505	48 780,271	925 680,967	18,977	18,517	61	94 098	51 283,496	1 122 821,030	21,894	21,434
62	88 522	47 766,598	876 900,696	18,358	17,898	62	93 572	50 491,643	1 071 537,533	21,222	20,762
63	87 448	46 720,144	829 134,099	17,747	17,287	63	93 003	49 687,944	1 021 045,890	20,549	20,089
64	86 305	45 653,074	782 413,955	17,138	16,678	64	92 391	48 872,058	971 357,946	19,876	19,416
65	85 073	44 555,733	736 760,881	16,536	16,076	65	91 717	48 035,554	922 485,888	19,204	18,744
66	83 766	43 436,682	692 205,147	15,936	15,476	66	90 983	47 178,897	874 450,334	18,535	18,075
67	82 397	42 303,642	648 768,466	15,336	14,876	67	90 188	46 303,732	827 271,437	17,866	17,406
68	80 917	41 132,800	606 464,824	14,744	14,284	68	89 314	45 400,837	780 967,705	17,202	16,742
69	79 404	39 963,848	565 332,024	14,146	13,686	69	88 401	44 492,155	735 566,868	16,533	16,073
70	77 765	38 751,679	525 368,176	13,557	13,097	70	87 414	43 559,485	691 074,713	15,865	15,405
71	76 023	37 508,390	486 616,497	12,974	12,514	71	86 349	42 602,750	647 515,228	15,199	14,739
72	74 169	36 231,208	449 108,106	12,396	11,936	72	85 192	41 616,122	604 912,478	14,536	14,076
73	72 229	34 934,462	412 876,898	11,819	11,359	73	83 965	40 610,359	563 296,356	13,871	13,411
74	70 186	33 609,847	377 942,437	11,245	10,785	74	82 665	39 585,741	522 685,997	13,204	12,744
75	68 016	32 248,176	344 332,589	10,678	10,218	75	81 251	38 523,259	483 100,257	12,540	12,081
76	65 701	30 842,274	312 084,414	10,119	9,659	76	79 701	37 414,570	444 576,998	11,882	11,422
77	63 228	29 387,431	281 242,140	9,570	9,110	77	77 962	36 235,600	407 162,428	11,237	10,777
78	60 619	27 896,091	251 854,709	9,028	8,568	78	76 055	34 999,576	370 926,827	10,598	10,138
79	57 816	26 342,682	223 958,618	8,502	8,042	79	73 918	33 679,287	335 927,251	9,974	9,514
80	54 794	24 718,369	197 615,936	7,995	7,535	80	71 485	32 247,974	302 247,964	9,373	8,913
81	51 583	23 039,840	172 897,568	7,504	7,044	81	68 739	30 702,371	269 999,990	8,794	8,334
82	48 151	21 293,981	149 857,728	7,038	6,578	82	65 710	29 058,956	239 297,619	8,235	7,775
83	44 551	19 506,732	128 563,747	6,591	6,131	83	62 402	27 322,854	210 238,663	7,695	7,235
84	40 773	17 675,760	109 057,015	6,170	5,710	84	58 778	25 481,080	182 915,809	7,178	6,719
85	36 886	15 832,529	91 381,255	5,772	5,312	85	54 827	23 532,889	157 434,729	6,690	6,230
86	32 921	13 990,401	75 548,726	5,400	4,940	86	50 593	21 500,642	133 901,840	6,228	5,768
87	28 969	12 189,367	61 558,324	5,050	4,590	87	46 095	19 395,119	112 401,198	5,795	5,335
88	25 117	10 463,676	49 368,958	4,718	4,258	88	41 430	17 259,927	93 006,079	5,389	4,929
89	21 411	8 831,613	38 905,282	4,405	3,945	89	36 673	15 126,786	75 746,153	5,007	4,547
90	17 933	7 323,733	30 073,669	4,106	3,646	90	31 872	13 016,254	60 619,366	4,657	4,197
91	14 713	5 949,230	22 749,936	3,824	3,364	91	27 157	10 980,860	47 603,113	4,335	3,875
92	11 735	4 698,098	16 800,706	3,576	3,116	92	22 613	9 052,850	36 622,252	4,045	3,585
93	9 104	3 608,549	12 102,609	3,354	2,894	93	18 371	7 282,091	27 569,403	3,786	3,326
94	6 884	2 701,646	8 494,059	3,144	2,684	94	14 528	5 701,673	20 287,312	3,558	3,098
95	5 001	1 943,309	5 792,413	2,981	2,521	95	11 112	4 317,619	14 585,640	3,378	2,918
96	3 571	1 373,917	3 849,104	2,802	2,342	96	8 344	3 210,285	10 268,020	3,198	2,738
97	2 455	935,067	2 475,187	2,647	2,187	97	6 096	2 321,940	7 057,735	3,040	2,580
98	1 625	612,868	1 540,119	2,513	2,053	98	4 407	1 662,013	4 735,795	2,849	2,389
99	1 037	387,391	927,251	2,394	1,934	99	3 064	1 144,106	3 073,782	2,687	2,227
100	638	235,993	539,860	2,288	1,828	100	2 051	758,364	1 929,675	2,545	2,085

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	5 003 654,978	50,037	49,576	0	100 000	100 000,000	5 194 072,586	51,941	51,480
1	99 645	98 415,151	4 903 654,978	49,826	49,366	1	99 694	98 462,829	5 094 072,586	51,736	51,276
2	99 618	97 173,672	4 805 239,826	49,450	48,990	2	99 671	97 224,769	4 995 609,758	51,382	50,922
3	99 603	95 959,028	4 708 066,155	49,063	48,603	3	99 659	96 013,028	4 898 384,989	51,018	50,558
4	99 590	94 762,147	4 612 107,126	48,670	48,210	4	99 647	94 816,385	4 802 371,961	50,649	50,189
5	99 578	93 581,389	4 517 344,980	48,272	47,811	5	99 638	93 637,297	4 707 555,576	50,274	49,814
6	99 569	92 417,353	4 423 763,591	47,867	47,407	6	99 630	92 474,345	4 613 918,279	49,894	49,434
7	99 559	91 266,932	4 331 346,238	47,458	46,998	7	99 624	91 326,674	4 521 443,934	49,508	49,048
8	99 550	90 132,590	4 240 079,306	47,043	46,582	8	99 619	90 194,738	4 430 117,260	49,117	48,657
9	99 542	89 012,591	4 149 946,715	46,622	46,162	9	99 613	89 075,708	4 339 922,522	48,722	48,261
10	99 534	87 906,600	4 060 934,125	46,196	45,736	10	99 606	87 970,315	4 250 846,814	48,321	47,861
11	99 526	86 814,656	3 973 027,524	45,764	45,304	11	99 600	86 879,114	4 162 876,499	47,916	47,455
12	99 518	85 735,213	3 886 212,868	45,328	44,868	12	99 593	85 800,141	4 075 997,385	47,506	47,045
13	99 510	84 670,119	3 800 477,655	44,886	44,425	13	99 585	84 734,175	3 990 197,245	47,091	46,630
14	99 500	83 616,812	3 715 807,536	44,439	43,978	14	99 576	83 680,901	3 905 463,069	46,671	46,211
15	99 488	82 574,531	3 632 190,724	43,987	43,526	15	99 566	82 639,130	3 821 782,169	46,247	45,786
16	99 473	81 542,835	3 549 616,193	43,531	43,070	16	99 554	81 608,684	3 739 143,038	45,818	45,358
17	99 448	80 515,390	3 468 073,359	43,073	42,613	17	99 540	80 589,796	3 657 534,355	45,385	44,924
18	99 418	79 498,056	3 387 557,969	42,612	42,151	18	99 525	79 583,206	3 576 944,558	44,946	44,486
19	99 380	78 486,499	3 308 059,913	42,148	41,688	19	99 505	78 584,691	3 497 361,352	44,504	44,044
20	99 339	77 485,162	3 229 573,414	41,680	41,220	20	99 485	77 599,528	3 418 776,661	44,057	43,596
21	99 294	76 494,061	3 152 088,252	41,207	40,747	21	99 467	76 627,318	3 341 177,133	43,603	43,143
22	99 250	75 515,903	3 075 594,192	40,728	40,267	22	99 451	75 668,772	3 264 549,815	43,143	42,682
23	99 205	74 549,970	3 000 078,288	40,243	39,782	23	99 433	74 721,657	3 188 881,044	42,677	42,216
24	99 159	73 595,788	2 925 528,318	39,751	39,291	24	99 412	73 783,154	3 114 159,387	42,207	41,747
25	99 111	72 652,061	2 851 932,530	39,255	38,794	25	99 395	72 859,894	3 040 376,233	41,729	41,269
26	99 064	71 720,598	2 779 280,469	38,751	38,291	26	99 376	71 946,971	2 967 516,339	41,246	40,785
27	99 017	70 801,595	2 707 559,871	38,242	37,781	27	99 357	71 044,911	2 895 569,367	40,757	40,296
28	98 965	69 890,601	2 636 758,275	37,727	37,267	28	99 335	70 152,487	2 824 524,456	40,263	39,802
29	98 914	68 992,199	2 566 867,674	37,205	36,745	29	99 311	69 269,127	2 754 371,970	39,763	39,303
30	98 857	68 101,426	2 497 875,475	36,679	36,218	30	99 285	68 396,248	2 685 102,843	39,258	38,798
31	98 800	67 221,918	2 429 774,049	36,146	35,685	31	99 255	67 531,792	2 616 706,594	38,748	38,287
32	98 732	66 346,317	2 362 552,131	35,609	35,149	32	99 224	66 676,776	2 549 174,803	38,232	37,771
33	98 663	65 481,323	2 296 205,814	35,067	34,606	33	99 189	65 830,752	2 482 498,026	37,710	37,250
34	98 593	64 626,990	2 230 724,491	34,517	34,057	34	99 154	64 994,877	2 416 667,274	37,182	36,722
35	98 513	63 777,726	2 166 097,501	33,963	33,503	35	99 115	64 167,365	2 351 672,397	36,649	36,189
36	98 426	62 934,427	2 102 319,775	33,405	32,945	36	99 075	63 349,667	2 287 505,033	36,109	35,649
37	98 339	62 102,308	2 039 385,347	32,839	32,379	37	99 029	62 538,238	2 224 155,365	35,565	35,104
38	98 246	61 278,143	1 977 283,039	32,267	31,807	38	98 983	61 737,735	2 161 617,127	35,013	34,553
39	98 143	60 458,105	1 916 004,897	31,691	31,231	39	98 925	60 939,830	2 099 879,392	34,458	33,998
40	98 036	59 646,540	1 855 546,792	31,109	30,649	40	98 866	60 151,632	2 038 939,562	33,897	33,436
41	97 913	58 836,130	1 795 900,252	30,524	30,063	41	98 799	59 368,699	1 978 787,930	33,330	32,870
42	97 783	58 032,791	1 737 064,121	29,932	29,472	42	98 724	58 591,021	1 919 419,231	32,760	32,299
43	97 638	57 230,934	1 679 031,330	29,338	28,877	43	98 642	57 819,656	1 860 828,210	32,183	31,723
44	97 478	56 431,812	1 621 800,396	28,739	28,279	44	98 553	57 054,442	1 803 008,555	31,602	31,141
45	97 303	55 635,047	1 565 368,584	28,136	27,676	45	98 453	56 292,586	1 745 954,113	31,016	30,555
46	97 104	54 835,865	1 509 733,537	27,532	27,071	46	98 343	55 535,794	1 689 661,527	30,425	29,964
47	96 892	54 040,554	1 454 897,672	26,922	26,462	47	98 218	54 780,522	1 634 125,733	29,830	29,370
48	96 651	53 240,714	1 400 857,118	26,312	25,851	48	98 078	54 026,659	1 579 345,211	29,233	28,772
49	96 382	52 436,988	1 347 616,404	25,700	25,239	49	97 921	53 274,310	1 525 318,552	28,631	28,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	51 626,641	1 295 179,416	25,087	24,627	50	97 743	52 521,290	1 472 044,242	28,028	27,567
51	95 740	50 809,909	1 243 552,774	24,475	24,014	51	97 551	51 770,655	1 419 522,952	27,419	26,959
52	95 371	49 988,872	1 192 742,866	23,860	23,400	52	97 335	51 018,573	1 367 752,297	26,809	26,349
53	94 949	49 153,239	1 142 753,994	23,249	22,788	53	97 096	50 264,995	1 316 733,724	26,196	25,735
54	94 475	48 304,342	1 093 600,755	22,640	22,179	54	96 831	49 508,754	1 266 468,730	25,581	25,120
55	93 949	47 442,060	1 045 296,414	22,033	21,573	55	96 539	48 750,371	1 216 959,976	24,963	24,503
56	93 371	46 568,268	997 854,354	21,428	20,967	56	96 220	47 988,980	1 168 209,605	24,343	23,883
57	92 733	45 679,198	951 286,086	20,825	20,365	57	95 871	47 225,000	1 120 220,626	23,721	23,261
58	92 034	44 775,071	905 606,888	20,226	19,765	58	95 489	46 455,768	1 072 995,625	23,097	22,637
59	91 257	43 849,035	860 831,816	19,632	19,171	59	95 067	45 679,874	1 026 539,857	22,472	22,012
60	90 413	42 907,074	816 982,781	19,041	18,580	60	94 608	44 898,015	980 859,983	21,846	21,386
61	89 505	41 951,845	774 075,707	18,452	17,991	61	94 098	44 104,660	935 961,969	21,221	20,761
62	88 522	40 978,637	732 123,863	17,866	17,406	62	93 572	43 316,435	891 857,309	20,589	20,129
63	87 448	39 981,926	691 145,226	17,286	16,826	63	93 003	42 521,695	848 540,874	19,955	19,495
64	86 305	38 972,288	651 163,300	16,708	16,248	64	92 391	41 720,212	806 019,179	19,320	18,859
65	85 073	37 941,616	612 191,012	16,135	15,675	65	91 717	40 904,871	764 298,967	18,685	18,224
66	83 766	36 897,352	574 249,396	15,563	15,103	66	90 983	40 076,183	723 394,095	18,050	17,590
67	82 397	35 846,162	537 352,044	14,991	14,530	67	90 188	39 235,655	683 317,913	17,416	16,955
68	80 917	34 767,985	501 505,881	14,424	13,964	68	89 314	38 375,593	644 082,258	16,784	16,323
69	79 404	33 696,507	466 737,896	13,851	13,391	69	88 401	37 514,662	605 706,665	16,146	15,685
70	77 765	32 593,760	433 041,389	13,286	12,826	70	87 414	36 637,571	568 192,003	15,508	15,048
71	76 023	31 470,142	400 447,629	12,725	12,264	71	86 349	35 744,391	531 554,432	14,871	14,411
72	74 169	30 323,507	368 977,487	12,168	11,708	72	85 192	34 830,381	495 810,041	14,235	13,775
73	72 229	29 166,010	338 653,980	11,611	11,151	73	83 965	33 904,690	460 979,660	13,596	13,136
74	70 186	27 990,834	309 487,970	11,057	10,596	74	82 665	32 967,656	427 074,969	12,954	12,494
75	68 016	26 790,498	281 497,137	10,507	10,047	75	81 251	32 003,587	394 107,313	12,314	11,854
76	65 701	25 559,266	254 706,638	9,965	9,505	76	79 701	31 005,786	362 103,726	11,679	11,218
77	63 228	24 293,492	229 147,372	9,432	8,972	77	77 962	29 954,618	331 097,940	11,053	10,593
78	60 619	23 003,717	204 853,881	8,905	8,445	78	76 055	28 861,404	301 143,322	10,434	9,974
79	57 816	21 669,106	181 850,163	8,392	7,932	79	73 918	27 704,090	272 281,918	9,828	9,368
80	54 794	20 282,765	160 181,057	7,897	7,437	80	71 485	26 461,215	244 577,827	9,243	8,782
81	51 583	18 858,761	139 898,292	7,418	6,958	81	68 739	25 130,759	218 116,612	8,679	8,219
82	48 151	17 386,690	121 039,532	6,962	6,501	82	65 710	23 726,848	192 985,853	8,134	7,673
83	44 551	15 888,061	103 652,842	6,524	6,064	83	62 402	22 254,223	169 259,005	7,606	7,145
84	40 773	14 361,203	87 764,781	6,111	5,651	84	58 778	20 702,870	147 004,782	7,101	6,640
85	36 886	12 831,853	73 403,579	5,720	5,260	85	54 827	19 072,794	126 301,912	6,622	6,162
86	32 921	11 310,859	60 571,726	5,355	4,895	86	50 593	17 382,684	107 229,118	6,169	5,708
87	28 969	9 830,438	49 260,867	5,011	4,551	87	46 095	15 641,708	89 846,435	5,744	5,284
88	25 117	8 417,873	39 430,429	4,684	4,224	88	41 430	13 885,356	74 204,726	5,344	4,884
89	21 411	7 087,359	31 012,556	4,376	3,915	89	36 673	12 139,229	60 319,370	4,969	4,509
90	17 933	5 862,776	23 925,197	4,081	3,620	90	31 872	10 419,737	48 180,141	4,624	4,164
91	14 713	4 750,703	18 062,421	3,802	3,342	91	27 157	8 768,665	37 760,404	4,306	3,846
92	11 735	3 742,360	13 311,719	3,557	3,097	92	22 613	7 211,220	28 991,739	4,020	3,560
93	9 104	2 867,362	9 569,359	3,337	2,877	93	18 371	5 786,366	21 780,518	3,764	3,304
94	6 884	2 141,433	6 701,997	3,130	2,669	94	14 528	4 519,376	15 994,153	3,539	3,079
95	5 001	1 536,542	4 560,564	2,968	2,508	95	11 112	3 413,869	11 474,777	3,361	2,901
96	3 571	1 083,651	3 024,022	2,791	2,330	96	8 344	2 532,051	8 060,908	3,184	2,723
97	2 455	735,695	1 940,371	2,637	2,177	97	6 096	1 826,864	5 528,857	3,026	2,566
98	1 625	481,004	1 204,676	2,505	2,044	98	4 407	1 304,416	3 701,994	2,838	2,378
99	1 037	303,289	723,672	2,386	1,926	99	3 064	895,724	2 397,578	2,677	2,216
100	638	184,304	420,382	2,281	1,821	100	2 051	592,260	1 501,854	2,536	2,075

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 619 441,346	46,194	45,734	0	100 000	100 000,000	4 777 964,173	47,780	47,319
1	99 645	98 172,750	4 519 441,346	46,036	45,575	1	99 694	98 220,309	4 677 964,173	47,627	47,166
2	99 618	96 695,573	4 421 268,597	45,724	45,263	2	99 671	96 746,419	4 579 743,864	47,338	46,877
3	99 603	95 251,716	4 324 573,023	45,402	44,941	3	99 659	95 305,318	4 482 997,445	47,038	46,577
4	99 590	93 831,973	4 229 321,307	45,073	44,613	4	99 647	93 885,679	4 387 692,127	46,734	46,274
5	99 578	92 434,572	4 135 489,334	44,740	44,279	5	99 638	92 489,795	4 293 806,448	46,425	45,964
6	99 569	91 059,962	4 043 054,762	44,400	43,939	6	99 630	91 116,117	4 201 316,653	46,109	45,649
7	99 559	89 704,944	3 951 994,800	44,055	43,595	7	99 624	89 763,664	4 110 200,537	45,789	45,328
8	99 550	88 371,814	3 862 289,856	43,705	43,244	8	99 619	88 432,748	4 020 436,873	45,463	45,002
9	99 542	87 058,734	3 773 918,042	43,349	42,888	9	99 613	87 120,466	3 932 004,125	45,133	44,672
10	99 534	85 765,254	3 686 859,308	42,988	42,527	10	99 606	85 827,417	3 844 883,659	44,798	44,337
11	99 526	84 491,289	3 601 094,053	42,621	42,160	11	99 600	84 554,021	3 759 056,242	44,457	43,997
12	99 518	83 235,216	3 516 602,764	42,249	41,788	12	99 593	83 298,250	3 674 502,221	44,113	43,652
13	99 510	81 998,713	3 433 367,549	41,871	41,410	13	99 585	82 060,748	3 591 203,971	43,763	43,302
14	99 500	80 779,183	3 351 368,836	41,488	41,027	14	99 576	80 841,098	3 509 143,223	43,408	42,947
15	99 488	79 575,790	3 270 589,653	41,100	40,640	15	99 566	79 638,044	3 428 302,125	43,049	42,588
16	99 473	78 388,010	3 191 013,862	40,708	40,247	16	99 554	78 451,311	3 348 664,082	42,685	42,224
17	99 448	77 209,675	3 112 625,853	40,314	39,853	17	99 540	77 281,026	3 270 212,770	42,316	41,855
18	99 418	76 046,341	3 035 416,178	39,915	39,455	18	99 525	76 127,794	3 192 931,744	41,942	41,481
19	99 380	74 893,782	2 959 369,837	39,514	39,053	19	99 505	74 987,479	3 116 803,950	41,564	41,104
20	99 339	73 756,167	2 884 476,055	39,108	38,647	20	99 485	73 865,029	3 041 816,471	41,181	40,720
21	99 294	72 633,421	2 810 719,888	38,697	38,237	21	99 467	72 759,952	2 967 951,442	40,791	40,330
22	99 250	71 528,019	2 738 086,468	38,280	37,819	22	99 451	71 672,814	2 895 191,490	40,395	39,934
23	99 205	70 439,171	2 666 558,449	37,856	37,395	23	99 433	70 601,391	2 823 518,676	39,992	39,532
24	99 159	69 366,329	2 596 119,279	37,426	36,965	24	99 412	69 542,927	2 752 917,285	39,586	39,125
25	99 111	68 308,175	2 526 752,949	36,990	36,530	25	99 395	68 503,581	2 683 374,358	39,171	38,711
26	99 064	67 266,314	2 458 444,774	36,548	36,087	26	99 376	67 478,628	2 614 870,776	38,751	38,290
27	99 017	66 240,830	2 391 178,460	36,098	35,637	27	99 357	66 468,472	2 547 392,148	38,325	37,864
28	98 965	65 227,463	2 324 937,630	35,644	35,183	28	99 335	65 471,875	2 480 923,676	37,893	37,432
29	98 914	64 230,409	2 259 710,168	35,181	34,721	29	99 311	64 488,224	2 415 451,801	37,456	36,995
30	98 857	63 244,956	2 195 479,759	34,714	34,253	30	99 285	63 518,754	2 350 963,577	37,012	36,551
31	98 800	62 274,404	2 132 234,803	34,239	33,779	31	99 255	62 561,471	2 287 444,823	36,563	36,102
32	98 732	61 311,860	2 069 960,399	33,761	33,300	32	99 224	61 617,243	2 224 883,352	36,108	35,647
33	98 663	60 363,457	2 008 648,539	33,276	32,815	33	99 189	60 685,575	2 163 266,109	35,647	35,186
34	98 593	59 429,158	1 948 285,082	32,783	32,323	34	99 154	59 767,457	2 102 580,534	35,179	34,719
35	98 513	58 503,745	1 888 855,924	32,286	31,825	35	99 115	58 861,163	2 042 813,077	34,706	34,245
36	98 426	57 587,989	1 830 352,179	31,784	31,323	36	99 075	57 967,953	1 983 951,914	34,225	33,764
37	98 339	56 686,593	1 772 764,190	31,273	30,812	37	99 029	57 084,508	1 925 983,961	33,739	33,278
38	98 246	55 796,531	1 716 077,597	30,756	30,295	38	98 983	56 215,011	1 868 899,453	33,246	32,785
39	98 143	54 914,259	1 660 281,066	30,234	29,773	39	98 925	55 351,811	1 812 684,443	32,748	32,288
40	98 036	54 043,671	1 605 366,807	29,705	29,244	40	98 866	54 501,318	1 757 332,632	32,244	31,783
41	97 913	53 178,083	1 551 323,136	29,172	28,711	41	98 799	53 659,436	1 702 831,314	31,734	31,273
42	97 783	52 322,806	1 498 145,053	28,633	28,172	42	98 724	52 826,110	1 649 171,878	31,219	30,758
43	97 638	51 472,752	1 445 822,247	28,089	27,628	43	98 642	52 002,241	1 596 345,768	30,698	30,237
44	97 478	50 629,022	1 394 349,495	27,541	27,080	44	98 553	51 187,628	1 544 343,528	30,170	29,709
45	97 303	49 791,246	1 343 720,473	26,987	26,526	45	98 453	50 379,718	1 493 155,900	29,638	29,177
46	97 104	48 955,132	1 293 929,227	26,431	25,970	46	98 343	49 579,998	1 442 776,182	29,100	28,639
47	96 892	48 126,281	1 244 974,095	25,869	25,408	47	98 218	48 785,266	1 393 196,183	28,558	28,097
48	96 651	47 297,194	1 196 847,814	25,305	24,844	48	98 078	47 995,399	1 344 410,917	28,011	27,550
49	96 382	46 468,454	1 149 550,620	24,738	24,278	49	97 921	47 210,470	1 296 415,517	27,460	27,000

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	45 637,659	1 103 082,166	24,170	23,710	50	97 743	46 428,523	1 249 205,047	26,906	26,445
51	95 740	44 805,042	1 057 444,507	23,601	23,140	51	97 551	45 652,244	1 202 776,524	26,346	25,886
52	95 371	43 972,463	1 012 639,466	23,029	22,568	52	97 335	44 878,235	1 157 124,280	25,784	25,323
53	94 949	43 130,907	968 667,002	22,459	21,998	53	97 096	44 106,449	1 112 246,045	25,217	24,757
54	94 475	42 281,619	925 536,095	21,890	21,429	54	96 831	43 335,862	1 068 139,597	24,648	24,187
55	93 949	41 424,566	883 254,477	21,322	20,861	55	96 539	42 566,932	1 024 803,735	24,075	23,614
56	93 371	40 561,453	841 829,911	20,754	20,294	56	96 220	41 798,908	982 236,803	23,499	23,038
57	92 733	39 689,066	801 268,457	20,189	19,728	57	95 871	41 032,160	940 437,895	22,920	22,459
58	92 034	38 807,680	761 579,391	19,624	19,164	58	95 489	40 264,382	899 405,735	22,338	21,877
59	91 257	37 911,453	722 771,711	19,065	18,604	59	95 067	39 494,379	859 141,352	21,754	21,293
60	90 413	37 005,671	684 860,258	18,507	18,046	60	94 608	38 722,779	819 646,974	21,167	20,706
61	89 505	36 092,705	647 854,587	17,950	17,489	61	94 098	37 944,851	780 924,195	20,581	20,120
62	88 522	35 168,582	611 761,882	17,395	16,934	62	93 572	37 174,921	742 979,344	19,986	19,525
63	87 448	34 228,673	576 593,300	16,845	16,385	63	93 003	36 402,978	705 804,423	19,389	18,928
64	86 305	33 282,140	542 364,627	16,296	15,835	64	92 391	35 628,853	669 401,445	18,788	18,327
65	85 073	32 322,143	509 082,487	15,750	15,289	65	91 717	34 846,515	633 772,591	18,188	17,727
66	83 766	31 355,124	476 760,344	15,205	14,744	66	90 983	34 056,473	598 926,076	17,586	17,125
67	82 397	30 386,800	445 405,220	14,658	14,197	67	90 188	33 260,074	564 869,603	16,983	16,523
68	80 917	29 400,236	415 018,420	14,116	13,655	68	89 314	32 450,874	531 609,530	16,382	15,921
69	79 404	28 423,999	385 618,184	13,567	13,106	69	88 401	31 644,724	499 158,655	15,774	15,313
70	77 765	27 426,080	357 194,185	13,024	12,563	70	87 414	30 828,752	467 513,931	15,165	14,704
71	76 023	26 415,386	329 768,106	12,484	12,023	71	86 349	30 003,103	436 685,179	14,555	14,094
72	74 169	25 390,233	303 352,719	11,948	11,487	72	85 192	29 163,892	406 682,076	13,945	13,484
73	72 229	24 360,896	277 962,486	11,410	10,949	73	83 965	28 318,877	377 518,184	13,331	12,870
74	70 186	23 321,746	253 601,591	10,874	10,413	74	82 665	27 468,397	349 199,307	12,713	12,252
75	68 016	22 266,657	230 279,844	10,342	9,881	75	81 251	26 599,464	321 730,911	12,095	11,635
76	65 701	21 191,006	208 013,187	9,816	9,355	76	79 701	25 706,678	295 131,447	11,481	11,020
77	63 228	20 091,953	186 822,181	9,298	8,838	77	77 962	24 773,992	269 424,769	10,875	10,415
78	60 619	18 978,383	166 730,228	8,785	8,324	78	76 055	23 811,055	244 650,777	10,275	9,814
79	57 816	17 833,278	147 751,845	8,285	7,824	79	73 918	22 799,960	220 839,721	9,686	9,225
80	54 794	16 651,230	129 918,567	7,802	7,342	80	71 485	21 723,458	198 039,762	9,116	8,656
81	51 583	15 444,054	113 267,337	7,334	6,873	81	68 739	20 580,398	176 316,304	8,567	8,106
82	48 151	14 203,457	97 823,283	6,887	6,426	82	65 710	19 382,830	155 735,906	8,035	7,574
83	44 551	12 947,235	83 619,826	6,459	5,998	83	62 402	18 135,043	136 353,076	7,519	7,058
84	40 773	11 674,168	70 672,591	6,054	5,593	84	58 778	16 829,286	118 218,033	7,025	6,564
85	36 886	10 405,273	58 998,423	5,670	5,209	85	54 827	15 466,015	101 388,747	6,556	6,095
86	32 921	9 149,317	48 593,150	5,311	4,850	86	50 593	14 060,797	85 922,732	6,111	5,650
87	28 969	7 932,224	39 443,833	4,973	4,512	87	46 095	12 621,364	71 861,935	5,694	5,233
88	25 117	6 775,689	31 511,608	4,651	4,190	88	41 430	11 176,559	59 240,572	5,300	4,840
89	21 411	5 690,685	24 735,920	4,347	3,886	89	36 673	9 747,005	48 064,012	4,931	4,470
90	17 933	4 695,830	19 045,235	4,056	3,595	90	31 872	8 345,759	38 317,008	4,591	4,130
91	14 713	3 795,735	14 349,405	3,780	3,320	91	27 157	7 006,023	29 971,249	4,278	3,817
92	11 735	2 982,721	10 553,670	3,538	3,077	92	22 613	5 747,458	22 965,226	3,996	3,535
93	9 104	2 279,704	7 570,949	3,321	2,860	93	18 371	4 600,467	17 217,768	3,743	3,282
94	6 884	1 698,359	5 291,245	3,116	2,655	94	14 528	3 584,293	12 617,301	3,520	3,059
95	5 001	1 215,622	3 592,886	2,956	2,495	95	11 112	2 700,852	9 033,009	3,345	2,884
96	3 571	855,209	2 377,264	2,780	2,319	96	8 344	1 998,276	6 332,156	3,169	2,708
97	2 455	579,175	1 522,055	2,628	2,167	97	6 096	1 438,196	4 333,880	3,013	2,553
98	1 625	377,737	942,880	2,496	2,035	98	4 407	1 024,370	2 895,684	2,827	2,366
99	1 037	237,590	565,143	2,379	1,918	99	3 064	701,688	1 871,314	2,667	2,206
100	638	144,023	327,553	2,274	1,814	100	2 051	462,819	1 169,625	2,527	2,066

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	4 279 217,671	42,792	42,331	0	100 000	100 000,000	4 411 445,167	44,114	43,653
1	99 645	97 931,539	4 179 217,671	42,675	42,214	1	99 694	97 978,982	4 311 445,167	44,004	43,543
2	99 618	96 220,995	4 081 286,132	42,416	41,955	2	99 671	96 271,590	4 213 466,185	43,766	43,305
3	99 603	94 551,339	3 985 065,138	42,147	41,686	3	99 659	94 604,547	4 117 194,594	43,520	43,059
4	99 590	92 913,185	3 890 513,799	41,873	41,411	4	99 647	92 966,364	4 022 590,048	43,269	42,808
5	99 578	91 304,578	3 797 600,614	41,593	41,131	5	99 638	91 359,126	3 929 623,683	43,013	42,552
6	99 569	89 725,773	3 706 296,036	41,307	40,846	6	99 630	89 781,105	3 838 264,557	42,751	42,290
7	99 559	88 173,433	3 616 570,263	41,017	40,555	7	99 624	88 231,150	3 748 483,452	42,485	42,024
8	99 550	86 649,640	3 528 396,829	40,720	40,259	8	99 619	86 709,387	3 660 252,301	42,213	41,752
9	99 542	85 152,414	3 441 747,189	40,419	39,957	9	99 613	85 212,794	3 573 542,915	41,937	41,475
10	99 534	83 681,147	3 356 594,775	40,112	39,651	10	99 606	83 741,799	3 488 330,120	41,656	41,195
11	99 526	82 235,588	3 272 913,628	39,799	39,338	11	99 600	82 296,646	3 404 588,321	41,370	40,909
12	99 518	80 814,000	3 190 678,039	39,482	39,021	12	99 593	80 875,200	3 322 291,675	41,079	40,618
13	99 510	79 417,855	3 109 864,040	39,158	38,697	13	99 585	79 477,938	3 241 416,475	40,784	40,323
14	99 500	78 044,481	3 030 446,185	38,830	38,369	14	99 576	78 104,300	3 161 938,538	40,484	40,022
15	99 488	76 692,929	2 952 401,704	38,496	38,035	15	99 566	76 752,927	3 083 834,238	40,179	39,718
16	99 473	75 362,557	2 875 708,774	38,158	37,697	16	99 554	75 423,416	3 007 081,311	39,869	39,408
17	99 448	74 047,319	2 800 346,217	37,818	37,357	17	99 540	74 115,748	2 931 657,895	39,555	39,094
18	99 418	72 752,439	2 726 298,898	37,474	37,012	18	99 525	72 830,364	2 857 542,147	39,236	38,774
19	99 380	71 473,759	2 653 546,459	37,126	36,665	19	99 505	71 563,178	2 784 711,783	38,913	38,451
20	99 339	70 215,150	2 582 072,700	36,774	36,313	20	99 485	70 318,785	2 713 148,605	38,584	38,122
21	99 294	68 976,414	2 511 857,550	36,416	35,955	21	99 467	69 096,574	2 642 829,820	38,248	37,787
22	99 250	67 759,771	2 442 881,137	36,052	35,591	22	99 451	67 896,939	2 573 733,245	37,906	37,445
23	99 205	66 564,335	2 375 121,366	35,682	35,220	23	99 433	66 717,631	2 505 836,307	37,559	37,098
24	99 159	65 389,452	2 308 557,031	35,305	34,844	24	99 412	65 555,925	2 439 118,676	37,207	36,745
25	99 111	64 233,752	2 243 167,579	34,922	34,461	25	99 395	64 417,503	2 373 562,751	36,847	36,385
26	99 064	63 098,621	2 178 933,827	34,532	34,071	26	99 376	63 297,780	2 309 145,248	36,481	36,019
27	99 017	61 984,003	2 115 835,207	34,135	33,674	27	99 357	62 197,016	2 245 847,468	36,109	35,647
28	98 965	60 885,793	2 053 851,203	33,733	33,272	28	99 335	61 113,937	2 183 650,451	35,731	35,270
29	98 914	59 807,795	1 992 965,410	33,323	32,862	29	99 311	60 047,858	2 122 536,514	35,347	34,886
30	98 857	58 745,503	1 933 157,615	32,907	32,446	30	99 285	58 999,822	2 062 488,656	34,958	34,496
31	98 800	57 701,876	1 874 412,112	32,484	32,023	31	99 255	57 967,865	2 003 488,835	34,562	34,101
32	98 732	56 670,425	1 816 710,236	32,057	31,596	32	99 224	56 952,690	1 945 520,969	34,160	33,699
33	98 663	55 656,733	1 760 039,811	31,623	31,162	33	99 189	55 953,734	1 888 568,279	33,752	33,291
34	98 593	54 660,652	1 704 383,078	31,181	30,720	34	99 154	54 971,806	1 832 614,545	33,337	32,876
35	98 513	53 677,282	1 649 722,427	30,734	30,273	35	99 115	54 005,214	1 777 642,739	32,916	32,455
36	98 426	52 707,254	1 596 045,144	30,281	29,820	36	99 075	53 055,015	1 723 637,525	32,488	32,027
37	98 339	51 754,779	1 543 337,891	29,820	29,359	37	99 029	52 118,074	1 670 582,510	32,054	31,593
38	98 246	50 816,988	1 491 583,112	29,352	28,891	38	98 983	51 198,121	1 618 464,436	31,612	31,151
39	98 143	49 890,571	1 440 766,123	28,879	28,417	39	98 925	50 288,095	1 567 266,315	31,166	30,705
40	98 036	48 978,989	1 390 875,552	28,397	27,936	40	98 866	49 393,747	1 516 978,220	30,712	30,251
41	97 913	48 076,105	1 341 896,563	27,912	27,451	41	98 799	48 511,277	1 467 584,472	30,252	29,791
42	97 783	47 186,661	1 293 820,458	27,419	26,958	42	98 724	47 640,559	1 419 073,196	29,787	29,326
43	97 638	46 305,997	1 246 633,797	26,922	26,460	43	98 642	46 782,336	1 371 432,636	29,315	28,854
44	97 478	45 435,050	1 200 327,800	26,419	25,957	44	98 553	45 936,349	1 324 650,300	28,837	28,375
45	97 303	44 573,433	1 154 892,750	25,910	25,449	45	98 453	45 100,238	1 278 713,952	28,353	27,892
46	97 104	43 717,261	1 110 319,317	25,398	24,937	46	98 343	44 275,271	1 233 613,714	27,862	27,401
47	96 892	42 871,497	1 066 602,056	24,879	24,418	47	98 218	43 458,529	1 189 338,443	27,367	26,906
48	96 651	42 029,415	1 023 730,559	24,357	23,896	48	98 078	42 649,857	1 145 879,913	26,867	26,406
49	96 382	41 191,520	981 701,144	23,833	23,371	49	97 921	41 849,273	1 103 230,056	26,362	25,901

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 1,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	40 355,671	940 509,624	23,306	22,844	50	97 743	41 055,003	1 061 380,783	25,853	25,391
51	95 740	39 522,074	900 153,953	22,776	22,315	51	97 551	40 269,383	1 020 325,781	25,338	24,876
52	95 371	38 692,364	860 631,879	22,243	21,782	52	97 335	39 489,373	980 056,398	24,818	24,357
53	94 949	37 858,611	821 939,515	21,711	21,250	53	97 096	38 714,903	940 567,025	24,295	23,833
54	94 475	37 021,953	784 080,903	21,179	20,718	54	96 831	37 945,052	901 852,122	23,767	23,306
55	93 949	36 182,394	747 058,951	20,647	20,186	55	96 539	37 180,198	863 907,070	23,236	22,774
56	93 371	35 341,459	710 876,556	20,115	19,653	56	96 220	36 419,661	826 726,872	22,700	22,239
57	92 733	34 496,376	675 535,098	19,583	19,122	57	95 871	35 663,747	790 307,211	22,160	21,699
58	92 034	33 647,430	641 038,722	19,052	18,590	58	95 489	34 910,435	754 643,465	21,617	21,155
59	91 257	32 789,611	607 391,292	18,524	18,063	59	95 067	34 158,683	719 733,030	21,070	20,609
60	90 413	31 927,561	574 601,681	17,997	17,536	60	94 608	33 409,038	685 574,347	20,521	20,059
61	89 505	31 063,366	542 674,120	17,470	17,009	61	94 098	32 657,425	652 165,308	19,970	19,509
62	88 522	30 193,647	511 610,754	16,944	16,483	62	93 572	31 916,170	619 507,884	19,410	18,949
63	87 448	29 314,493	481 417,107	16,422	15,961	63	93 003	31 176,636	587 591,714	18,847	18,386
64	86 305	28 433,819	452 102,613	15,900	15,439	64	92 391	30 438,679	556 415,078	18,280	17,819
65	85 073	27 545,822	423 668,794	15,381	14,919	65	91 717	29 697,161	525 976,399	17,711	17,250
66	83 766	26 656,046	396 122,973	14,861	14,399	66	90 983	28 952,553	496 279,237	17,141	16,680
67	82 397	25 769,370	369 466,927	14,337	13,876	67	90 188	28 206,035	467 326,684	16,568	16,107
68	80 917	24 871,460	343 697,557	13,819	13,358	68	89 314	27 452,181	439 120,649	15,996	15,535
69	79 404	23 986,520	318 826,097	13,292	12,831	69	88 401	26 704,435	411 668,468	15,416	14,955
70	77 765	23 087,528	294 839,576	12,771	12,309	70	87 414	25 951,929	384 964,033	14,834	14,373
71	76 023	22 182,081	271 752,048	12,251	11,790	71	86 349	25 194,834	359 012,103	14,249	13,788
72	74 169	21 268,832	249 569,967	11,734	11,273	72	85 192	24 429,942	333 817,269	13,664	13,203
73	72 229	20 356,440	228 301,135	11,215	10,754	73	83 965	23 663,806	309 387,327	13,074	12,613
74	70 186	19 440,224	207 944,695	10,697	10,235	74	82 665	22 896,733	285 723,521	12,479	12,018
75	68 016	18 515,133	188 504,470	10,181	9,720	75	81 251	22 117,942	262 826,788	11,883	11,422
76	65 701	17 577,416	169 989,337	9,671	9,210	76	79 701	21 323,054	240 708,847	11,289	10,827
77	63 228	16 624,830	152 411,921	9,168	8,707	77	77 962	20 498,924	219 385,793	10,702	10,241
78	60 619	15 664,838	135 787,090	8,668	8,207	78	76 055	19 653,746	198 886,869	10,120	9,658
79	57 816	14 683,497	120 122,252	8,181	7,720	79	73 918	18 772,945	179 233,122	9,547	9,086
80	54 794	13 676,541	105 438,755	7,709	7,248	80	71 485	17 842,631	160 460,178	8,993	8,532
81	51 583	12 653,856	91 762,214	7,252	6,791	81	68 739	16 862,243	142 617,546	8,458	7,997
82	48 151	11 608,798	79 108,358	6,815	6,353	82	65 710	15 842,014	125 755,303	7,938	7,477
83	44 551	10 556,060	67 499,561	6,394	5,933	83	62 402	14 785,752	109 913,289	7,434	6,973
84	40 773	9 494,725	56 943,500	5,997	5,536	84	58 778	13 687,437	95 127,538	6,950	6,489
85	36 886	8 441,926	47 448,775	5,621	5,159	85	54 827	12 547,769	81 440,101	6,490	6,029
86	32 921	7 404,716	39 006,849	5,268	4,807	86	50 593	11 379,669	68 892,332	6,054	5,593
87	28 969	6 403,926	31 602,134	4,935	4,474	87	46 095	10 189,611	57 512,663	5,644	5,183
88	25 117	5 456,779	25 198,208	4,618	4,157	88	41 430	9 001,006	47 323,052	5,258	4,796
89	21 411	4 571,714	19 741,429	4,318	3,857	89	36 673	7 830,432	38 322,046	4,894	4,433
90	17 933	3 763,211	15 169,714	4,031	3,570	90	31 872	6 688,243	30 491,614	4,559	4,098
91	14 713	3 034,406	11 406,503	3,759	3,298	91	27 157	5 600,791	23 803,371	4,250	3,789
92	11 735	2 378,603	8 372,097	3,520	3,059	92	22 613	4 583,373	18 202,580	3,971	3,510
93	9 104	1 813,508	5 993,494	3,305	2,844	93	18 371	3 659,679	13 619,207	3,721	3,260
94	6 884	1 347,728	4 179,986	3,102	2,640	94	14 528	2 844,305	9 959,528	3,502	3,040
95	5 001	962,283	2 832,257	2,943	2,482	95	11 112	2 137,987	7 115,223	3,328	2,867
96	3 571	675,318	1 869,974	2,769	2,308	96	8 344	1 577,943	4 977,236	3,154	2,693
97	2 455	456,223	1 194,657	2,619	2,157	97	6 096	1 132,885	3 399,292	3,001	2,539
98	1 625	296,817	738,433	2,488	2,027	98	4 407	804,926	2 266,408	2,816	2,354
99	1 037	186,234	441,616	2,371	1,910	99	3 064	550,016	1 461,481	2,657	2,196
100	638	112,615	255,382	2,268	1,807	100	2 051	361,887	911,465	2,519	2,057

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 977 018,625	39,770	39,309	0	100 000	100 000,000	4 087 534,301	40,875	40,414
1	99 645	97 691,511	3 877 018,625	39,686	39,225	1	99 694	97 738,837	3 987 534,301	40,798	40,336
2	99 618	95 749,901	3 779 327,114	39,471	39,009	2	99 671	95 800,249	3 889 795,464	40,603	40,142
3	99 603	93 857,811	3 683 577,213	39,246	38,785	3	99 659	93 910,629	3 793 995,214	40,400	39,938
4	99 590	92 005,615	3 589 719,402	39,016	38,555	4	99 647	92 058,275	3 700 084,586	40,193	39,731
5	99 578	90 191,121	3 497 713,787	38,781	38,320	5	99 638	90 245,004	3 608 026,311	39,980	39,519
6	99 569	88 414,335	3 407 522,666	38,540	38,079	6	99 630	88 468,859	3 517 781,307	39,763	39,301
7	99 559	86 671,732	3 319 108,331	38,295	37,834	7	99 624	86 728,466	3 429 312,448	39,541	39,079
8	99 550	84 965,132	3 232 436,599	38,044	37,583	8	99 619	85 023,716	3 342 583,982	39,314	38,852
9	99 542	83 292,363	3 147 471,468	37,788	37,327	9	99 613	83 351,424	3 257 560,266	39,082	38,621
10	99 534	81 652,613	3 064 179,105	37,527	37,065	10	99 606	81 711,795	3 174 208,842	38,846	38,385
11	99 526	80 045,424	2 982 526,492	37,260	36,799	11	99 600	80 104,856	3 092 497,048	38,606	38,144
12	99 518	78 468,898	2 902 481,068	36,989	36,527	12	99 593	78 528,323	3 012 392,192	38,361	37,899
13	99 510	76 924,264	2 824 012,170	36,712	36,250	13	99 585	76 982,461	2 933 863,869	38,111	37,649
14	99 500	75 408,733	2 747 087,905	36,429	35,968	14	99 576	75 466,531	2 856 881,409	37,856	37,395
15	99 488	73 921,202	2 671 679,172	36,142	35,681	15	99 566	73 979,031	2 781 414,878	37,597	37,136
16	99 473	72 460,874	2 597 757,971	35,850	35,389	16	99 554	72 519,389	2 707 435,846	37,334	36,872
17	99 448	71 021,775	2 525 297,097	35,557	35,095	17	99 540	71 087,408	2 634 916,457	37,066	36,604
18	99 418	69 608,775	2 454 275,322	35,258	34,797	18	99 525	69 683,333	2 563 829,050	36,793	36,331
19	99 380	68 217,736	2 384 666,547	34,957	34,495	19	99 505	68 303,081	2 494 145,717	36,516	36,054
20	99 339	66 852,207	2 316 448,811	34,650	34,189	20	99 485	66 950,879	2 425 842,636	36,233	35,772
21	99 294	65 511,837	2 249 596,605	34,339	33,877	21	99 467	65 625,963	2 358 891,757	35,944	35,483
22	99 250	64 198,569	2 184 084,768	34,021	33,559	22	99 451	64 328,527	2 293 265,795	35,649	35,188
23	99 205	62 911,386	2 119 886,199	33,696	33,235	23	99 433	63 056,270	2 228 937,267	35,348	34,887
24	99 159	61 649,507	2 056 974,813	33,366	32,904	24	99 412	61 806,458	2 165 880,998	35,043	34,581
25	99 111	60 411,476	1 995 325,306	33,029	32,567	25	99 395	60 584,292	2 104 074,539	34,730	34,268
26	99 064	59 198,441	1 934 913,831	32,685	32,224	26	99 376	59 385,290	2 043 490,247	34,411	33,949
27	99 017	58 010,187	1 875 715,390	32,334	31,873	27	99 357	58 209,544	1 984 104,957	34,086	33,624
28	98 965	56 842,721	1 817 705,203	31,978	31,516	28	99 335	57 055,715	1 925 895,413	33,755	33,293
29	98 914	55 699,453	1 760 862,482	31,614	31,152	29	99 311	55 923,025	1 868 839,698	33,418	32,956
30	98 857	54 576,039	1 705 163,029	31,244	30,782	30	99 285	54 812,307	1 812 916,673	33,075	32,613
31	98 800	53 475,095	1 650 586,990	30,866	30,405	31	99 255	53 721,600	1 758 104,365	32,726	32,265
32	98 732	52 390,476	1 597 111,895	30,485	30,023	32	99 224	52 651,424	1 704 382,765	32,371	31,909
33	98 663	51 327,231	1 544 721,419	30,096	29,634	33	99 189	51 601,129	1 651 731,342	32,010	31,548
34	98 593	50 285,083	1 493 394,189	29,699	29,237	34	99 154	50 571,330	1 600 130,213	31,641	31,179
35	98 513	49 259,402	1 443 109,105	29,296	28,835	35	99 115	49 560,343	1 549 558,884	31,266	30,804
36	98 426	48 250,659	1 393 849,703	28,888	28,426	36	99 075	48 569,016	1 499 998,540	30,884	30,422
37	98 339	47 262,595	1 345 599,045	28,471	28,009	37	99 029	47 594,357	1 451 429,524	30,496	30,034
38	98 246	46 292,462	1 298 336,449	28,046	27,585	38	98 983	46 639,660	1 403 835,167	30,100	29,638
39	98 143	45 337,135	1 252 043,988	27,616	27,155	39	98 925	45 698,377	1 357 195,507	29,699	29,237
40	98 036	44 399,662	1 206 706,852	27,178	26,717	40	98 866	44 775,642	1 311 497,130	29,290	28,829
41	97 913	43 474,377	1 162 307,190	26,735	26,274	41	98 799	43 867,895	1 266 721,488	28,876	28,414
42	97 783	42 565,485	1 118 832,813	26,285	25,823	42	98 724	42 974,931	1 222 853,593	28,455	27,993
43	97 638	41 668,687	1 076 267,329	25,829	25,368	43	98 642	42 097,324	1 179 878,661	28,027	27,566
44	97 478	40 784,754	1 034 598,641	25,367	24,906	44	98 553	41 234,744	1 137 781,338	27,593	27,131
45	97 303	39 913,257	993 813,888	24,899	24,438	45	98 453	40 384,983	1 096 546,593	27,152	26,691
46	97 104	39 050,650	953 900,631	24,427	23,966	46	98 343	39 549,095	1 056 161,610	26,705	26,243
47	96 892	38 201,306	914 849,981	23,948	23,487	47	98 218	38 724,391	1 016 612,515	26,253	25,791
48	96 651	37 359,165	876 648,675	23,465	23,004	48	98 078	37 910,664	977 888,124	25,795	25,333
49	96 382	36 524,635	839 289,510	22,979	22,517	49	97 921	37 107,866	939 977,460	25,331	24,869

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	35 695,780	802 764,875	22,489	22,027	50	97 743	36 314,360	902 869,594	24,863	24,401
51	95 740	34 872,757	767 069,095	21,996	21,535	51	97 551	35 532,153	866 555,234	24,388	23,926
52	95 371	34 056,974	732 196,338	21,499	21,038	52	97 335	34 758,500	831 023,081	23,908	23,447
53	94 949	33 241,432	698 139,364	21,002	20,540	53	97 096	33 993,292	796 264,581	23,424	22,963
54	94 475	32 427,137	664 897,932	20,504	20,043	54	96 831	33 235,670	762 271,289	22,935	22,474
55	93 949	31 614,101	632 470,794	20,006	19,544	55	96 539	32 485,924	729 035,618	22,442	21,980
56	93 371	30 803,655	600 856,693	19,506	19,044	56	96 220	31 743,418	696 549,694	21,943	21,482
57	92 733	29 993,386	570 053,037	19,006	18,544	57	95 871	31 008,374	664 806,276	21,440	20,978
58	92 034	29 183,554	540 059,651	18,506	18,044	58	95 489	30 279,000	633 797,902	20,932	20,470
59	91 257	28 369,833	510 876,098	18,008	17,546	59	95 067	29 554,366	603 518,902	20,421	19,959
60	90 413	27 556,275	482 506,264	17,510	17,048	60	94 608	28 834,920	573 964,536	19,905	19,444
61	89 505	26 744,688	454 949,989	17,011	16,549	61	94 098	28 117,127	545 129,617	19,388	18,926
62	88 522	25 932,168	428 205,302	16,513	16,051	62	93 572	27 411,577	517 012,489	18,861	18,399
63	87 448	25 115,388	402 273,133	16,017	15,555	63	93 003	26 710,792	489 600,912	18,330	17,868
64	86 305	24 301,157	377 157,745	15,520	15,059	64	92 391	26 014,624	462 890,120	17,793	17,332
65	85 073	23 484,522	352 856,588	15,025	14,563	65	91 717	25 318,673	436 875,496	17,255	16,793
66	83 766	22 670,232	329 372,065	14,529	14,067	66	90 983	24 623,349	411 556,823	16,714	16,252
67	82 397	21 862,423	306 701,833	14,029	13,567	67	90 188	23 929,660	386 933,474	16,170	15,708
68	80 917	21 048,930	284 839,410	13,532	13,071	68	89 314	23 233,016	363 003,814	15,624	15,163
69	79 404	20 250,243	263 790,480	13,027	12,565	69	88 401	22 544,800	339 770,798	15,071	14,609
70	77 765	19 443,510	243 540,238	12,526	12,064	70	87 414	21 855,809	317 225,998	14,514	14,053
71	76 023	18 635,188	224 096,728	12,025	11,564	71	86 349	21 166,204	295 370,190	13,955	13,493
72	74 169	17 824,172	205 461,540	11,527	11,066	72	85 192	20 473,314	274 203,986	13,393	12,932
73	72 229	17 017,737	187 637,368	11,026	10,564	73	83 965	19 782,655	253 730,671	12,826	12,364
74	70 186	16 211,959	170 619,631	10,524	10,063	74	82 665	19 094,475	233 948,017	12,252	11,791
75	68 016	15 402,645	154 407,673	10,025	9,563	75	81 251	18 399,803	214 853,541	11,677	11,215
76	65 701	14 586,723	139 005,028	9,530	9,068	76	79 701	17 695,063	196 453,739	11,102	10,641
77	63 228	13 762,400	124 418,305	9,040	8,579	77	77 962	16 969,460	178 758,676	10,534	10,073
78	60 619	12 935,914	110 655,905	8,554	8,093	78	76 055	16 229,926	161 789,216	9,969	9,507
79	57 816	12 095,810	97 719,991	8,079	7,617	79	73 918	15 464,570	145 559,290	9,412	8,951
80	54 794	11 238,697	85 624,181	7,619	7,157	80	71 485	14 662,182	130 094,720	8,873	8,411
81	51 583	10 372,819	74 385,484	7,171	6,710	81	68 739	13 822,585	115 432,538	8,351	7,889
82	48 151	9 492,824	64 012,665	6,743	6,282	82	65 710	12 954,438	101 609,953	7,844	7,382
83	44 551	8 610,816	54 519,841	6,332	5,870	83	62 402	12 061,070	88 655,515	7,351	6,889
84	40 773	7 726,078	45 909,025	5,942	5,480	84	58 778	11 137,784	76 594,445	6,877	6,415
85	36 886	6 852,554	38 182,948	5,572	5,110	85	54 827	10 185,384	65 456,661	6,427	5,965
86	32 921	5 995,888	31 330,394	5,225	4,764	86	50 593	9 214,564	55 271,276	5,998	5,537
87	28 969	5 172,800	25 334,505	4,898	4,436	87	46 095	8 230,705	46 056,712	5,596	5,134
88	25 117	4 396,935	20 161,705	4,585	4,124	88	41 430	7 252,784	37 826,008	5,215	4,754
89	21 411	3 674,743	15 764,770	4,290	3,828	89	36 673	6 294,100	30 573,224	4,857	4,396
90	17 933	3 017,454	12 090,026	4,007	3,545	90	31 872	5 362,832	24 279,124	4,527	4,066
91	14 713	2 427,114	9 072,572	3,738	3,276	91	27 157	4 479,874	18 916,292	4,223	3,761
92	11 735	1 897,897	6 645,459	3,501	3,040	92	22 613	3 657,092	14 436,418	3,948	3,486
93	9 104	1 443,459	4 747,562	3,289	2,827	93	18 371	2 912,915	10 779,326	3,701	3,239
94	6 884	1 070,093	3 304,103	3,088	2,626	94	14 528	2 258,371	7 866,411	3,483	3,022
95	5 001	762,178	2 234,010	2,931	2,469	95	11 112	1 693,396	5 608,040	3,312	2,850
96	3 571	533,575	1 471,832	2,758	2,297	96	8 344	1 246,749	3 914,644	3,140	2,678
97	2 455	359,583	938,257	2,609	2,148	97	6 096	892,910	2 667,895	2,988	2,526
98	1 625	233,370	578,674	2,480	2,018	98	4 407	632,867	1 774,985	2,805	2,343
99	1 037	146,066	345,303	2,364	1,902	99	3 064	431,385	1 142,119	2,648	2,186
100	638	88,109	199,238	2,261	1,800	100	2 051	283,138	710,733	2,510	2,049

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 707 772,813	37,078	36,616	0	100 000	100 000,000	3 800 333,527	38,003	37,541
1	99 645	97 452,656	3 607 772,813	37,021	36,559	1	99 694	97 499,867	3 700 333,527	37,952	37,490
2	99 618	95 282,259	3 510 320,157	36,841	36,379	2	99 671	95 332,361	3 602 833,660	37,792	37,330
3	99 603	93 171,049	3 415 037,898	36,653	36,191	3	99 659	93 223,480	3 507 501,299	37,625	37,163
4	99 590	91 109,099	3 321 866,849	36,460	35,998	4	99 647	91 161,246	3 414 277,819	37,453	36,991
5	99 578	89 093,919	3 230 757,750	36,262	35,800	5	99 638	89 147,146	3 323 116,573	37,277	36,815
6	99 569	87 125,206	3 141 663,832	36,059	35,597	6	99 630	87 178,934	3 233 969,427	37,096	36,634
7	99 559	85 199,189	3 054 538,626	35,852	35,390	7	99 624	85 254,959	3 146 790,493	36,910	36,448
8	99 550	83 317,374	2 969 339,437	35,639	35,177	8	99 619	83 374,823	3 061 535,534	36,720	36,258
9	99 542	81 477,347	2 886 022,063	35,421	34,959	9	99 613	81 535,121	2 978 160,711	36,526	36,064
10	99 534	79 678,039	2 804 544,716	35,198	34,736	10	99 606	79 735,790	2 896 625,590	36,328	35,866
11	99 526	77 918,739	2 724 866,677	34,971	34,509	11	99 600	77 976,592	2 816 889,801	36,125	35,663
12	99 518	76 197,341	2 646 947,938	34,738	34,276	12	99 593	76 255,045	2 738 913,209	35,918	35,456
13	99 510	74 514,787	2 570 750,597	34,500	34,038	13	99 585	74 571,161	2 662 658,164	35,706	35,244
14	99 500	72 868,129	2 496 235,810	34,257	33,795	14	99 576	72 923,979	2 588 087,003	35,490	35,028
15	99 488	71 256,066	2 423 367,681	34,009	33,547	15	99 566	71 311,811	2 515 163,023	35,270	34,808
16	99 473	69 677,610	2 352 111,615	33,757	33,295	16	99 554	69 733,878	2 443 851,212	35,045	34,583
17	99 448	68 126,811	2 282 434,004	33,503	33,041	17	99 540	68 189,768	2 374 117,334	34,816	34,354
18	99 418	66 608,152	2 214 307,194	33,244	32,782	18	99 525	66 679,495	2 305 927,566	34,582	34,120
19	99 380	65 117,474	2 147 699,042	32,982	32,520	19	99 505	65 198,941	2 239 248,071	34,345	33,883
20	99 339	63 657,979	2 082 581,568	32,715	32,253	20	99 485	63 751,937	2 174 049,130	34,102	33,640
21	99 294	62 229,131	2 018 923,589	32,443	31,981	21	99 467	62 337,538	2 110 297,193	33,853	33,391
22	99 250	60 832,569	1 956 694,458	32,165	31,703	22	99 451	60 955,714	2 047 959,655	33,598	33,135
23	99 205	59 467,122	1 895 861,889	31,881	31,419	23	99 433	59 604,074	1 987 003,942	33,337	32,875
24	99 159	58 131,848	1 836 394,767	31,590	31,128	24	99 412	58 279,844	1 927 399,868	33,071	32,609
25	99 111	56 825,180	1 778 262,919	31,294	30,832	25	99 395	56 987,737	1 869 120,024	32,799	32,337
26	99 064	55 548,009	1 721 437,739	30,990	30,528	26	99 376	55 723,336	1 812 132,287	32,520	32,058
27	99 017	54 299,941	1 665 889,730	30,679	30,217	27	99 357	54 486,547	1 756 408,950	32,236	31,774
28	98 965	53 077,053	1 611 589,789	30,363	29,901	28	99 335	53 275,937	1 701 922,403	31,945	31,483
29	98 914	51 882,361	1 558 512,736	30,039	29,577	29	99 311	52 090,611	1 648 646,466	31,650	31,188
30	98 857	50 711,641	1 506 630,376	29,710	29,248	30	99 285	50 931,180	1 596 555,855	31,347	30,885
31	98 800	49 567,164	1 455 918,735	29,373	28,911	31	99 255	49 795,654	1 545 624,675	31,039	30,577
32	98 732	48 443,076	1 406 351,571	29,031	28,569	32	99 224	48 684,362	1 495 829,021	30,725	30,263
33	98 663	47 343,902	1 357 908,495	28,682	28,220	33	99 189	47 596,544	1 447 144,659	30,404	29,942
34	98 593	46 269,227	1 310 564,593	28,325	27,863	34	99 154	46 532,613	1 399 548,115	30,077	29,615
35	98 513	45 214,638	1 264 295,366	27,962	27,500	35	99 115	45 490,869	1 353 015,502	29,743	29,281
36	98 426	44 180,439	1 219 080,728	27,593	27,131	36	99 075	44 471,941	1 307 524,633	29,401	28,939
37	98 339	43 169,916	1 174 900,288	27,216	26,754	37	99 029	43 472,949	1 263 052,691	29,054	28,592
38	98 246	42 180,407	1 131 730,372	26,831	26,369	38	98 983	42 496,765	1 219 579,742	28,698	28,236
39	98 143	41 208,938	1 089 549,965	26,440	25,978	39	98 925	41 537,287	1 177 082,977	28,338	27,876
40	98 036	40 258,155	1 048 341,027	26,040	25,578	40	98 866	40 599,064	1 135 545,690	27,970	27,508
41	97 913	39 322,799	1 008 082,872	25,636	25,174	41	98 799	39 678,738	1 094 946,626	27,595	27,133
42	97 783	38 406,568	968 760,072	25,224	24,762	42	98 724	38 776,009	1 055 267,887	27,214	26,752
43	97 638	37 505,468	930 353,505	24,806	24,344	43	98 642	37 891,278	1 016 491,879	26,827	26,365
44	97 478	36 620,095	892 848,037	24,381	23,919	44	98 553	37 024,136	978 600,600	26,431	25,969
45	97 303	35 749,967	856 227,942	23,950	23,488	45	98 453	36 172,488	941 576,465	26,030	25,568
46	97 104	34 891,818	820 477,975	23,515	23,053	46	98 343	35 337,180	905 403,976	25,622	25,160
47	96 892	34 049,474	785 586,157	23,072	22,610	47	98 218	34 515,708	870 066,797	25,208	24,746
48	96 651	33 217,443	751 536,683	22,625	22,163	48	98 078	33 707,802	835 551,089	24,788	24,326
49	96 382	32 396,029	718 319,240	22,173	21,711	49	97 921	32 913,334	801 843,287	24,362	23,900

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	31 583,455	685 923,211	21,718	21,256	50	97 743	32 130,771	768 929,953	23,931	23,469
51	95 740	30 779,807	654 339,756	21,259	20,797	51	97 551	31 361,811	736 799,182	23,494	23,031
52	95 371	29 986,275	623 559,949	20,795	20,333	52	97 335	30 603,951	705 437,371	23,051	22,589
53	94 949	29 196,651	593 573,674	20,330	19,868	53	97 096	29 857,026	674 833,420	22,602	22,140
54	94 475	28 411,803	564 377,022	19,864	19,402	54	96 831	29 120,218	644 976,394	22,149	21,687
55	93 949	27 631,717	535 965,220	19,397	18,935	55	96 539	28 393,718	615 856,176	21,690	21,228
56	93 371	26 857,534	508 333,503	18,927	18,465	56	96 220	27 676,908	587 462,459	21,226	20,764
57	92 733	26 087,126	481 475,968	18,456	17,994	57	95 871	26 969,925	559 785,551	20,756	20,294
58	92 034	25 320,704	455 388,842	17,985	17,523	58	95 489	26 271,153	532 815,626	20,281	19,819
59	91 257	24 554,508	430 068,139	17,515	17,053	59	95 067	25 579,738	506 544,473	19,803	19,341
60	90 413	23 792,047	405 513,631	17,044	16,582	60	94 608	24 896,027	480 964,735	19,319	18,857
61	89 505	23 034,866	381 721,583	16,571	16,109	61	94 098	24 216,931	456 068,708	18,833	18,371
62	88 522	22 280,444	358 686,717	16,099	15,637	62	93 572	23 551,526	431 851,777	18,336	17,874
63	87 448	21 525,922	336 406,273	15,628	15,166	63	93 003	22 893,312	408 300,251	17,835	17,373
64	86 305	20 777,136	314 880,351	15,155	14,693	64	92 391	22 242,125	385 406,939	17,328	16,866
65	85 073	20 029,832	294 103,215	14,683	14,221	65	91 717	21 594,170	363 164,814	16,818	16,356
66	83 766	19 288,054	274 073,383	14,209	13,747	66	90 983	20 949,784	341 570,644	16,304	15,842
67	82 397	18 555,283	254 785,329	13,731	13,269	67	90 188	20 309,808	320 620,860	15,787	15,324
68	80 917	17 821,168	236 230,046	13,256	12,794	68	89 314	19 670,334	300 311,052	15,267	14,805
69	79 404	17 103,037	218 408,878	12,770	12,308	69	88 401	19 040,984	280 640,717	14,739	14,277
70	77 765	16 381,532	201 305,841	12,289	11,827	70	87 414	18 413,941	261 599,734	14,207	13,745
71	76 023	15 662,118	184 924,309	11,807	11,345	71	86 349	17 789,334	243 185,793	13,670	13,208
72	74 169	14 943,865	169 262,191	11,327	10,865	72	85 192	17 164,918	225 396,459	13,131	12,669
73	72 229	14 232,861	154 318,326	10,842	10,380	73	83 965	16 545,313	208 231,542	12,586	12,124
74	70 186	13 525,794	140 085,465	10,357	9,895	74	82 665	15 930,705	191 686,229	12,033	11,570
75	68 016	12 819,156	126 559,671	9,873	9,411	75	81 251	15 313,600	175 755,523	11,477	11,015
76	65 701	12 110,407	113 740,515	9,392	8,930	76	79 701	14 691,059	160 441,923	10,921	10,459
77	63 228	11 398,088	101 630,108	8,916	8,454	77	77 962	14 054,191	145 750,864	10,371	9,909
78	60 619	10 687,394	90 232,020	8,443	7,981	78	76 055	13 408,841	131 696,673	9,822	9,360
79	57 816	9 968,883	79 544,626	7,979	7,517	79	73 918	12 745,280	118 287,832	9,281	8,819
80	54 794	9 239,838	69 575,744	7,530	7,068	80	71 485	12 054,439	105 542,552	8,755	8,293
81	51 583	8 507,111	60 335,905	7,092	6,630	81	68 739	11 336,384	93 488,113	8,247	7,785
82	48 151	7 766,361	51 828,795	6,673	6,211	82	65 710	10 598,409	82 151,729	7,751	7,289
83	44 551	7 027,539	44 062,434	6,270	5,808	83	62 402	9 843,393	71 553,320	7,269	6,807
84	40 773	6 290,062	37 034,895	5,888	5,426	84	58 778	9 067,648	61 709,927	6,806	6,343
85	36 886	5 565,256	30 744,834	5,524	5,062	85	54 827	8 271,992	52 642,279	6,364	5,902
86	32 921	4 857,615	25 179,578	5,184	4,722	86	50 593	7 465,250	44 370,288	5,944	5,482
87	28 969	4 180,537	20 321,963	4,861	4,399	87	46 095	6 651,865	36 905,038	5,548	5,086
88	25 117	3 544,813	16 141,425	4,554	4,092	88	41 430	5 847,200	30 253,173	5,174	4,712
89	21 411	2 955,338	12 596,613	4,262	3,800	89	36 673	5 061,902	24 405,973	4,822	4,359
90	17 933	2 420,793	9 641,275	3,983	3,521	90	31 872	4 302,404	19 344,071	4,496	4,034
91	14 713	1 942,424	7 220,482	3,717	3,255	91	27 157	3 585,251	15 041,667	4,195	3,733
92	11 735	1 515,177	5 278,059	3,483	3,021	92	22 613	2 919,622	11 456,416	3,924	3,462
93	9 104	1 149,561	3 762,882	3,273	2,811	93	18 371	2 319,826	8 536,795	3,680	3,218
94	6 884	850,131	2 613,321	3,074	2,612	94	14 528	1 794,154	6 216,969	3,465	3,003
95	5 001	604,028	1 763,190	2,919	2,457	95	11 112	1 342,022	4 422,815	3,296	2,834
96	3 571	421,827	1 159,161	2,748	2,286	96	8 344	985,637	3 080,793	3,126	2,664
97	2 455	283,579	737,335	2,600	2,138	97	6 096	704,178	2 095,155	2,975	2,513
98	1 625	183,593	453,756	2,472	2,010	98	4 407	497,879	1 390,977	2,794	2,332
99	1 037	114,630	270,162	2,357	1,895	99	3 064	338,543	893,098	2,638	2,176
100	638	68,977	155,533	2,255	1,793	100	2 051	221,658	554,555	2,502	2,040

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 467 159,378	34,672	34,209	0	100 000	100 000,000	3 544 848,536	35,448	34,986
1	99 645	97 214,967	3 367 159,378	34,636	34,174	1	99 694	97 262,062	3 444 848,536	35,418	34,956
2	99 618	94 818,034	3 269 944,411	34,487	34,024	2	99 671	94 867,892	3 347 586,474	35,287	34,824
3	99 603	92 490,971	3 175 126,377	34,329	33,867	3	99 659	92 543,020	3 252 718,582	35,148	34,686
4	99 590	90 223,476	3 082 635,406	34,167	33,704	4	99 647	90 275,116	3 160 175,562	35,006	34,544
5	99 578	88 012,695	2 992 411,929	34,000	33,537	5	99 638	88 065,276	3 069 900,446	34,859	34,397
6	99 569	85 857,952	2 904 399,235	33,828	33,366	6	99 630	85 910,899	2 981 835,170	34,708	34,246
7	99 559	83 755,169	2 818 541,283	33,652	33,190	7	99 624	83 809,994	2 895 924,271	34,553	34,091
8	99 550	81 705,480	2 734 786,114	33,471	33,009	8	99 619	81 761,817	2 812 114,277	34,394	33,932
9	99 542	79 706,170	2 653 080,634	33,286	32,823	9	99 613	79 762,688	2 730 352,460	34,231	33,769
10	99 534	77 755,863	2 573 374,464	33,096	32,633	10	99 606	77 812,221	2 650 589,772	34,064	33,602
11	99 526	75 853,545	2 495 618,601	32,900	32,438	11	99 600	75 909,864	2 572 777,551	33,893	33,430
12	99 518	73 996,850	2 419 765,056	32,701	32,239	12	99 593	74 052,888	2 496 867,687	33,717	33,255
13	99 510	72 186,392	2 345 768,206	32,496	32,034	13	99 585	72 241,004	2 422 814,800	33,538	33,076
14	99 500	70 419,013	2 273 581,814	32,286	31,824	14	99 576	70 472,987	2 350 573,796	33,354	32,892
15	99 488	68 693,179	2 203 162,801	32,073	31,610	15	99 566	68 746,919	2 280 100,809	33,167	32,704
16	99 473	67 007,662	2 134 469,623	31,854	31,392	16	99 554	67 061,774	2 211 353,891	32,975	32,512
17	99 448	65 356,491	2 067 461,960	31,634	31,171	17	99 540	65 416,889	2 144 292,117	32,779	32,316
18	99 418	63 743,735	2 002 105,469	31,409	30,946	18	99 525	63 812,011	2 078 875,228	32,578	32,116
19	99 380	62 165,169	1 938 361,734	31,181	30,718	19	99 505	62 242,942	2 015 063,217	32,374	31,912
20	99 339	60 623,621	1 876 196,565	30,948	30,486	20	99 485	60 713,100	1 952 820,275	32,165	31,702
21	99 294	59 118,337	1 815 572,943	30,711	30,248	21	99 467	59 221,325	1 892 107,175	31,950	31,487
22	99 250	57 650,634	1 756 454,606	30,467	30,005	22	99 451	57 767,337	1 832 885,850	31,729	31,266
23	99 205	56 219,153	1 698 803,972	30,218	29,755	23	99 433	56 348,625	1 775 118,513	31,502	31,040
24	99 159	54 822,768	1 642 584,819	29,962	29,499	24	99 412	54 962,340	1 718 769,888	31,272	30,809
25	99 111	53 459,772	1 587 762,051	29,700	29,238	25	99 395	53 612,702	1 663 807,548	31,034	30,571
26	99 064	52 130,781	1 534 302,279	29,432	28,969	26	99 376	52 295,322	1 610 194,846	30,790	30,328
27	99 017	50 835,200	1 482 171,498	29,156	28,694	27	99 357	51 009,900	1 557 899,523	30,541	30,079
28	98 965	49 569,146	1 431 336,298	28,876	28,413	28	99 335	49 754,886	1 506 889,624	30,286	29,824
29	98 914	48 335,233	1 381 767,151	28,587	28,125	29	99 311	48 529,246	1 457 134,738	30,026	29,563
30	98 857	47 129,323	1 333 431,919	28,293	27,831	30	99 285	47 333,354	1 408 605,492	29,759	29,297
31	98 800	45 953,338	1 286 302,596	27,991	27,529	31	99 255	46 165,169	1 361 272,139	29,487	29,025
32	98 732	44 801,664	1 240 349,258	27,685	27,223	32	99 224	45 024,813	1 315 106,969	29,208	28,746
33	98 663	43 678,322	1 195 547,593	27,372	26,909	33	99 189	43 911,403	1 270 082,156	28,924	28,461
34	98 593	42 582,739	1 151 869,272	27,050	26,588	34	99 154	42 825,140	1 226 170,753	28,632	28,170
35	98 513	41 510,681	1 109 286,533	26,723	26,260	35	99 115	41 764,283	1 183 345,613	28,334	27,871
36	98 426	40 462,273	1 067 775,852	26,389	25,927	36	99 075	40 729,243	1 141 581,330	28,029	27,566
37	98 339	39 440,363	1 027 313,579	26,047	25,585	37	99 029	39 717,216	1 100 852,088	27,717	27,255
38	98 246	38 442,349	987 873,216	25,698	25,235	38	98 983	38 730,671	1 061 134,871	27,398	26,935
39	98 143	37 465,370	949 430,867	25,342	24,879	39	98 925	37 763,890	1 022 404,201	27,074	26,611
40	98 036	36 511,688	911 965,497	24,977	24,515	40	98 866	36 820,873	984 640,310	26,741	26,279
41	97 913	35 576,394	875 453,809	24,608	24,145	41	98 799	35 898,422	947 819,438	26,403	25,940
42	97 783	34 662,705	839 877,415	24,230	23,768	42	98 724	34 996,133	911 921,016	26,058	25,595
43	97 638	33 766,885	805 214,709	23,846	23,384	43	98 642	34 114,237	876 924,883	25,706	25,243
44	97 478	32 889,352	771 447,825	23,456	22,993	44	98 553	33 252,231	842 810,646	25,346	24,884
45	97 303	32 029,558	738 558,472	23,059	22,596	45	98 453	32 408,109	809 558,415	24,980	24,518
46	97 104	31 184,469	706 528,914	22,656	22,194	46	98 343	31 582,510	777 150,306	24,607	24,145
47	96 892	30 357,403	675 344,445	22,246	21,784	47	98 218	30 773,082	745 567,796	24,228	23,766
48	96 651	29 543,359	644 987,042	21,832	21,369	48	98 078	29 979,480	714 794,714	23,843	23,380
49	96 382	28 742,523	615 443,683	21,412	20,950	49	97 921	29 201,489	684 815,234	23,451	22,989

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	27 953,243	586 701,160	20,989	20,526	50	97 743	28 437,650	655 613,745	23,054	22,592
51	95 740	27 175,523	558 747,917	20,561	20,098	51	97 551	27 689,375	627 176,095	22,650	22,188
52	95 371	26 410,340	531 572,394	20,127	19,665	52	97 335	26 954,356	599 486,720	22,241	21,778
53	94 949	25 652,161	505 162,054	19,693	19,230	53	97 096	26 232,366	572 532,364	21,825	21,363
54	94 475	24 901,709	479 509,893	19,256	18,794	54	96 831	25 522,604	546 299,998	21,405	20,942
55	93 949	24 158,930	454 608,184	18,817	18,355	55	96 539	24 825,161	520 777,393	20,978	20,515
56	93 371	23 424,774	430 449,254	18,376	17,913	56	96 220	24 139,420	495 952,232	20,545	20,083
57	92 733	22 697,340	407 024,480	17,933	17,470	57	95 871	23 465,427	471 812,812	20,107	19,644
58	92 034	21 976,774	384 327,140	17,488	17,025	58	95 489	22 801,704	448 347,385	19,663	19,200
59	91 257	21 259,785	362 350,366	17,044	16,582	59	95 067	22 147,449	425 545,681	19,214	18,752
60	90 413	20 549,388	341 090,581	16,599	16,136	60	94 608	21 502,905	403 398,231	18,760	18,298
61	89 505	19 846,879	320 541,193	16,151	15,688	61	94 098	20 865,348	381 895,327	18,303	17,840
62	88 522	19 150,046	300 694,314	15,702	15,240	62	93 572	20 242,541	361 029,979	17,835	17,373
63	87 448	18 456,409	281 544,268	15,255	14,792	63	93 003	19 628,814	340 787,438	17,362	16,899
64	86 305	17 770,947	263 087,859	14,804	14,342	64	92 391	19 023,970	321 158,624	16,882	16,419
65	85 073	17 089,983	245 316,913	14,354	13,892	65	91 717	18 424,718	302 134,653	16,398	15,936
66	83 766	16 416,939	228 226,929	13,902	13,439	66	90 983	17 831,313	283 709,935	15,911	15,448
67	82 397	15 754,725	211 809,990	13,444	12,982	67	90 188	17 244,438	265 878,622	15,418	14,956
68	80 917	15 094,504	196 055,265	12,989	12,526	68	89 314	16 660,745	248 634,183	14,923	14,461
69	79 404	14 450,916	180 960,761	12,522	12,060	69	88 401	16 088,351	231 973,438	14,419	13,956
70	77 765	13 807,534	166 509,845	12,059	11,597	70	87 414	15 520,594	215 885,087	13,910	13,447
71	76 023	13 168,961	152 702,311	11,596	11,133	71	86 349	14 957,559	200 364,494	13,396	12,933
72	74 169	12 534,396	139 533,350	11,132	10,670	72	85 192	14 397,338	185 406,935	12,878	12,415
73	72 229	11 908,914	126 998,954	10,664	10,202	73	83 965	13 843,788	171 009,596	12,353	11,890
74	70 186	11 289,694	115 090,039	10,194	9,732	74	82 665	13 297,022	157 165,808	11,820	11,357
75	68 016	10 673,781	103 800,346	9,725	9,262	75	81 251	12 750,762	143 868,786	11,283	10,821
76	65 701	10 059,051	93 126,565	9,258	8,796	76	79 701	12 202,572	131 118,024	10,745	10,283
77	63 228	9 444,300	83 067,514	8,796	8,333	77	77 962	11 645,110	118 915,451	10,212	9,749
78	60 619	8 833,829	73 623,214	8,334	7,872	78	76 055	11 083,283	107 270,341	9,679	9,216
79	57 816	8 219,836	64 789,384	7,882	7,420	79	73 918	10 509,113	96 187,057	9,153	8,690
80	54 794	7 600,120	56 569,549	7,443	6,981	80	71 485	9 915,237	85 677,945	8,641	8,179
81	51 583	6 980,357	48 969,428	7,015	6,553	81	68 739	9 301,866	75 762,708	8,145	7,682
82	48 151	6 357,005	41 989,071	6,605	6,143	82	65 710	8 675,124	66 460,841	7,661	7,199
83	44 551	5 738,227	35 632,066	6,210	5,747	83	62 402	8 037,468	57 785,717	7,190	6,727
84	40 773	5 123,524	29 893,839	5,835	5,372	84	58 778	7 385,987	49 748,249	6,735	6,273
85	36 886	4 522,083	24 770,315	5,478	5,015	85	54 827	6 721,458	42 362,262	6,303	5,840
86	32 921	3 937,458	20 248,232	5,142	4,680	86	50 593	6 051,139	35 640,804	5,890	5,428
87	28 969	3 380,371	16 310,774	4,825	4,363	87	46 095	5 378,680	29 589,665	5,501	5,039
88	25 117	2 859,335	12 930,403	4,522	4,060	88	41 430	4 716,498	24 210,986	5,133	4,671
89	21 411	2 378,035	10 071,069	4,235	3,773	89	36 673	4 073,099	19 494,487	4,786	4,324
90	17 933	1 943,159	7 693,034	3,959	3,497	90	31 872	3 453,518	15 421,389	4,465	4,003
91	14 713	1 555,371	5 749,875	3,697	3,234	91	27 157	2 870,844	11 967,871	4,169	3,706
92	11 735	1 210,299	4 194,504	3,466	3,003	92	22 613	2 332,148	9 097,026	3,901	3,438
93	9 104	916,012	2 984,204	3,258	2,795	93	18 371	1 848,521	6 764,879	3,660	3,197
94	6 884	675,763	2 068,193	3,061	2,598	94	14 528	1 426,159	4 916,358	3,447	2,985
95	5 001	478,967	1 392,430	2,907	2,445	95	11 112	1 064,162	3 490,198	3,280	2,817
96	3 571	333,673	913,463	2,738	2,275	96	8 344	779,659	2 426,036	3,112	2,649
97	2 455	223,770	579,790	2,591	2,129	97	6 096	555,660	1 646,378	2,963	2,501
98	1 625	144,518	356,021	2,463	2,001	98	4 407	391,914	1 090,718	2,783	2,321
99	1 037	90,012	211,502	2,350	1,887	99	3 064	265,840	698,804	2,629	2,166
100	638	54,032	121,490	2,248	1,786	100	2 051	173,632	432,964	2,494	2,031

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 251 488,791	32,515	32,052	0	100 000	100 000,000	3 316 840,499	33,168	32,706
1	99 645	96 978,434	3 151 488,791	32,497	32,034	1	99 694	97 025,415	3 216 840,499	33,155	32,692
2	99 618	94 357,194	3 054 510,357	32,372	31,909	2	99 671	94 406,809	3 119 815,084	33,047	32,584
3	99 603	91 817,496	2 960 153,163	32,240	31,777	3	99 659	91 869,166	3 025 408,274	32,932	32,469
4	99 590	89 348,588	2 868 335,667	32,103	31,640	4	99 647	89 399,728	2 933 539,109	32,814	32,351
5	99 578	86 947,178	2 778 987,079	31,962	31,499	5	99 638	86 999,123	2 844 139,381	32,692	32,229
6	99 569	84 612,151	2 692 039,901	31,816	31,353	6	99 630	84 664,329	2 757 140,258	32,566	32,103
7	99 559	82 339,052	2 607 427,750	31,667	31,204	7	99 624	82 392,950	2 672 475,929	32,436	31,973
8	99 550	80 128,583	2 525 088,698	31,513	31,050	8	99 619	80 183,833	2 590 082,979	32,302	31,839
9	99 542	77 977,670	2 444 960,115	31,355	30,892	9	99 613	78 032,962	2 509 899,146	32,165	31,702
10	99 534	75 884,573	2 366 982,445	31,192	30,729	10	99 606	75 939,575	2 431 866,184	32,024	31,561
11	99 526	73 847,920	2 291 097,872	31,025	30,562	11	99 600	73 902,749	2 355 926,609	31,879	31,416
12	99 518	71 865,036	2 217 249,952	30,853	30,390	12	99 593	71 919,460	2 282 023,859	31,730	31,267
13	99 510	69 936,161	2 145 384,916	30,676	30,214	13	99 585	69 989,070	2 210 104,400	31,578	31,115
14	99 500	68 057,881	2 075 448,755	30,495	30,033	14	99 576	68 110,045	2 140 115,329	31,421	30,959
15	99 488	66 228,381	2 007 390,874	30,310	29,847	15	99 566	66 280,192	2 072 005,285	31,261	30,798
16	99 473	64 446,157	1 941 162,494	30,121	29,658	16	99 554	64 498,200	2 005 725,093	31,097	30,635
17	99 448	62 705,166	1 876 716,337	29,929	29,466	17	99 540	62 763,113	1 941 226,893	30,929	30,467
18	99 418	61 009,032	1 814 011,171	29,733	29,271	18	99 525	61 074,378	1 878 463,779	30,757	30,294
19	99 380	59 353,425	1 753 002,139	29,535	29,072	19	99 505	59 427,680	1 817 389,401	30,582	30,119
20	99 339	57 740,770	1 693 648,714	29,332	28,869	20	99 485	57 825,994	1 757 961,721	30,401	29,938
21	99 294	56 170,067	1 635 907,944	29,124	28,661	21	99 467	56 267,919	1 700 135,727	30,215	29,752
22	99 250	54 642,285	1 579 737,877	28,911	28,448	22	99 451	54 752,899	1 643 867,808	30,023	29,561
23	99 205	53 155,854	1 525 095,592	28,691	28,228	23	99 433	53 278,271	1 589 114,910	29,827	29,364
24	99 159	51 709,435	1 471 939,738	28,466	28,003	24	99 412	51 841,081	1 535 836,638	29,626	29,163
25	99 111	50 301,157	1 420 230,302	28,235	27,772	25	99 395	50 445,051	1 483 995,557	29,418	28,955
26	99 064	48 931,343	1 369 929,145	27,997	27,534	26	99 376	49 085,786	1 433 550,506	29,205	28,742
27	99 017	47 599,181	1 320 997,802	27,753	27,290	27	99 357	47 762,760	1 384 464,720	28,986	28,523
28	98 965	46 300,791	1 273 398,621	27,503	27,040	28	99 335	46 474,284	1 336 701,960	28,762	28,299
29	98 914	45 038,387	1 227 097,830	27,246	26,783	29	99 311	45 219,166	1 290 227,676	28,533	28,070
30	98 857	43 807,881	1 182 059,443	26,983	26,520	30	99 285	43 997,533	1 245 008,510	28,297	27,834
31	98 800	42 610,844	1 138 251,562	26,713	26,250	31	99 255	42 807,268	1 201 010,977	28,056	27,593
32	98 732	41 441,862	1 095 640,718	26,438	25,975	32	99 224	41 648,277	1 158 203,709	27,809	27,346
33	98 663	40 304,459	1 054 198,856	26,156	25,693	33	99 189	40 519,536	1 116 555,432	27,556	27,093
34	98 593	39 197,898	1 013 894,397	25,866	25,403	34	99 154	39 421,030	1 076 035,897	27,296	26,833
35	98 513	38 118,085	974 696,499	25,570	25,108	35	99 115	38 350,961	1 036 614,866	27,030	26,567
36	98 426	37 064,960	936 578,414	25,269	24,806	36	99 075	37 309,514	998 263,905	26,756	26,293
37	98 339	36 040,947	899 513,454	24,958	24,495	37	99 029	36 293,938	960 954,392	26,477	26,014
38	98 246	35 043,481	863 472,508	24,640	24,177	38	98 983	35 306,311	924 660,454	26,190	25,727
39	98 143	34 069,784	828 429,026	24,316	23,853	39	98 925	34 341,249	889 354,143	25,898	25,435
40	98 036	33 121,753	794 359,242	23,983	23,520	40	98 866	33 402,231	855 012,894	25,597	25,135
41	97 913	32 194,772	761 237,489	23,645	23,182	41	98 799	32 486,190	821 610,663	25,291	24,828
42	97 783	31 291,610	729 042,717	23,298	22,836	42	98 724	31 592,611	789 124,473	24,978	24,515
43	97 638	30 408,745	697 751,107	22,946	22,483	43	98 642	30 721,553	757 531,861	24,658	24,195
44	97 478	29 546,419	667 342,362	22,586	22,123	44	98 553	29 872,414	726 810,309	24,330	23,868
45	97 303	28 704,006	637 795,943	22,220	21,757	45	98 453	29 043,253	696 937,895	23,997	23,534
46	97 104	27 878,664	609 091,936	21,848	21,385	46	98 343	28 234,509	667 894,642	23,655	23,192
47	96 892	27 073,241	581 213,272	21,468	21,005	47	98 218	27 443,951	639 660,132	23,308	22,845
48	96 651	26 283,158	554 140,031	21,083	20,621	48	98 078	26 671,152	612 216,182	22,954	22,491
49	96 382	25 508,481	527 856,873	20,693	20,231	49	97 921	25 915,805	585 545,030	22,594	22,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 2,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	24 747,649	502 348,392	20,299	19,836	50	97 743	25 176,506	559 629,225	22,228	21,765
51	95 740	24 000,577	477 600,744	19,900	19,437	51	97 551	24 454,395	534 452,719	21,855	21,392
52	95 371	23 268,040	453 600,167	19,495	19,032	52	97 335	23 747,329	509 998,324	21,476	21,013
53	94 949	22 545,082	430 332,127	19,088	18,625	53	97 096	23 055,010	486 250,995	21,091	20,628
54	94 475	21 832,277	407 787,045	18,678	18,215	54	96 831	22 376,640	463 195,985	20,700	20,237
55	93 949	21 129,519	385 954,768	18,266	17,803	55	96 539	21 712,208	440 819,345	20,303	19,840
56	93 371	20 437,575	364 825,249	17,851	17,388	56	96 220	21 061,087	419 107,137	19,900	19,437
57	92 733	19 754,723	344 387,674	17,433	16,970	57	95 871	20 423,231	398 046,050	19,490	19,027
58	92 034	19 081,037	324 632,951	17,013	16,551	58	95 489	19 797,271	377 622,819	19,074	18,612
59	91 257	18 413,609	305 551,914	16,594	16,131	59	95 067	19 182,437	357 825,548	18,654	18,191
60	90 413	17 755,012	287 138,305	16,172	15,709	60	94 608	18 578,867	338 643,111	18,227	17,765
61	89 505	17 106,310	269 383,292	15,748	15,285	61	94 098	17 984,144	320 064,245	17,797	17,334
62	88 522	16 465,540	252 276,982	15,322	14,859	62	93 572	17 404,886	302 080,101	17,356	16,893
63	87 448	15 830,528	235 811,442	14,896	14,433	63	93 003	16 836,129	284 675,215	16,909	16,446
64	86 305	15 205,503	219 980,914	14,467	14,004	64	92 391	16 277,638	267 839,086	16,454	15,992
65	85 073	14 587,266	204 775,411	14,038	13,575	65	91 717	15 726,538	251 561,447	15,996	15,533
66	83 766	13 978,691	190 188,145	13,606	13,143	66	90 983	15 183,002	235 834,910	15,533	15,070
67	82 397	13 382,189	176 209,454	13,167	12,705	67	90 188	14 647,564	220 651,908	15,064	14,601
68	80 917	12 790,196	162 827,265	12,731	12,268	68	89 314	14 117,337	206 004,345	14,592	14,129
69	79 404	12 215,065	150 037,069	12,283	11,820	69	88 401	13 599,155	191 887,007	14,110	13,647
70	77 765	11 642,830	137 822,004	11,838	11,375	70	87 414	13 087,321	178 287,852	13,623	13,160
71	76 023	11 077,353	126 179,174	11,391	10,928	71	86 349	12 581,870	165 200,531	13,130	12,667
72	74 169	10 517,922	115 101,821	10,943	10,481	72	85 192	12 081,162	152 618,661	12,633	12,170
73	72 229	9 968,750	104 583,899	10,491	10,028	73	83 965	11 588,400	140 537,498	12,127	11,665
74	70 186	9 427,417	94 615,149	10,036	9,573	74	82 665	11 103,630	128 949,098	11,613	11,150
75	68 016	8 891,415	85 187,732	9,581	9,118	75	81 251	10 621,571	117 845,468	11,095	10,632
76	65 701	8 358,949	76 296,317	9,128	8,665	76	79 701	10 140,189	107 223,897	10,574	10,111
77	63 228	7 829,003	67 937,368	8,678	8,215	77	77 962	9 653,400	97 083,708	10,057	9,594
78	60 619	7 305,126	60 108,365	8,228	7,765	78	76 055	9 165,310	87 430,309	9,539	9,076
79	57 816	6 780,846	52 803,239	7,787	7,324	79	73 918	8 669,355	78 264,999	9,028	8,565
80	54 794	6 254,366	46 022,392	7,358	6,896	80	71 485	8 159,544	69 595,643	8,529	8,067
81	51 583	5 730,367	39 768,027	6,940	6,477	81	68 739	7 636,158	61 436,099	8,045	7,583
82	48 151	5 205,943	34 037,660	6,538	6,075	82	65 710	7 104,321	53 799,941	7,573	7,110
83	44 551	4 687,773	28 831,717	6,150	5,688	83	62 402	6 566,110	46 695,620	7,112	6,649
84	40 773	4 175,416	24 143,943	5,782	5,320	84	58 778	6 019,210	40 129,510	6,667	6,204
85	36 886	3 676,304	19 968,527	5,432	4,969	85	54 827	5 464,324	34 110,301	6,242	5,780
86	32 921	3 193,235	16 292,223	5,102	4,639	86	50 593	4 907,408	28 645,977	5,837	5,374
87	28 969	2 734,774	13 098,988	4,790	4,327	87	46 095	4 351,437	23 738,569	5,455	4,993
88	25 117	2 307,619	10 364,214	4,491	4,028	88	41 430	3 806,438	19 387,132	5,093	4,630
89	21 411	1 914,518	8 056,595	4,208	3,745	89	36 673	3 279,186	15 580,694	4,751	4,289
90	17 933	1 560,599	6 142,078	3,936	3,473	90	31 872	2 773,607	12 301,509	4,435	3,972
91	14 713	1 246,118	4 581,478	3,677	3,214	91	27 157	2 300,037	9 527,902	4,142	3,680
92	11 735	967,297	3 335,360	3,448	2,985	92	22 613	1 863,903	7 227,865	3,878	3,415
93	9 104	730,315	2 368,063	3,243	2,780	93	18 371	1 473,783	5 363,962	3,640	3,177
94	6 884	537,459	1 637,748	3,047	2,584	94	14 528	1 134,278	3 890,179	3,430	2,967
95	5 001	380,013	1 100,289	2,895	2,433	95	11 112	844,308	2 755,901	3,264	2,801
96	3 571	264,093	720,276	2,727	2,265	96	8 344	617,078	1 911,593	3,098	2,635
97	2 455	176,676	456,183	2,582	2,119	97	6 096	438,719	1 294,516	2,951	2,488
98	1 625	113,826	279,506	2,456	1,993	98	4 407	308,681	855,796	2,772	2,310
99	1 037	70,724	165,680	2,343	1,880	99	3 064	208,872	547,116	2,619	2,157
100	638	42,350	94,957	2,242	1,779	100	2 051	136,092	338,243	2,485	2,023

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	3 057 603,609	30,576	30,113	0	100 000	100 000,000	3 112 703,378	31,127	30,664
1	99 645	96 743,049	2 957 603,609	30,572	30,109	1	99 694	96 789,916	3 012 703,378	31,126	30,663
2	99 618	93 899,705	2 860 860,560	30,467	30,004	2	99 671	93 949,080	2 915 913,462	31,037	30,574
3	99 603	91 150,543	2 766 960,855	30,356	29,893	3	99 659	91 201,838	2 821 964,382	30,942	30,479
4	99 590	88 484,280	2 675 810,311	30,241	29,777	4	99 647	88 534,924	2 730 762,544	30,844	30,381
5	99 578	85 897,104	2 587 326,032	30,121	29,658	5	99 638	85 948,421	2 642 227,620	30,742	30,279
6	99 569	83 387,388	2 501 428,928	29,998	29,534	6	99 630	83 438,811	2 556 279,199	30,637	30,173
7	99 559	80 950,233	2 418 041,540	29,871	29,407	7	99 624	81 003,222	2 472 840,387	30,528	30,064
8	99 550	78 585,842	2 337 091,307	29,739	29,276	8	99 619	78 640,028	2 391 837,165	30,415	29,952
9	99 542	76 290,719	2 258 505,465	29,604	29,141	9	99 613	76 344,815	2 313 197,137	30,299	29,836
10	99 534	74 062,703	2 182 214,747	29,464	29,001	10	99 606	74 116,383	2 236 852,323	30,180	29,717
11	99 526	71 900,006	2 108 152,044	29,321	28,857	11	99 600	71 953,390	2 162 735,939	30,057	29,594
12	99 518	69 799,598	2 036 252,038	29,173	28,710	12	99 593	69 852,457	2 090 782,549	29,931	29,468
13	99 510	67 761,290	1 966 452,440	29,020	28,557	13	99 585	67 812,554	2 020 930,092	29,802	29,338
14	99 500	65 781,368	1 898 691,150	28,864	28,400	14	99 576	65 831,787	1 953 117,538	29,668	29,205
15	99 488	63 857,693	1 832 909,782	28,703	28,240	15	99 566	63 907,650	1 887 285,751	29,531	29,068
16	99 473	61 988,442	1 769 052,089	28,538	28,075	16	99 554	62 038,500	1 823 378,101	29,391	28,928
17	99 448	60 167,452	1 707 063,647	28,372	27,909	17	99 540	60 223,054	1 761 339,601	29,247	28,784
18	99 418	58 397,874	1 646 896,195	28,201	27,738	18	99 525	58 460,424	1 701 116,547	29,099	28,635
19	99 380	56 675,230	1 588 498,321	28,028	27,565	19	99 505	56 746,135	1 642 656,123	28,947	28,484
20	99 339	55 001,520	1 531 823,091	27,851	27,387	20	99 485	55 082,701	1 585 909,988	28,791	28,328
21	99 294	53 375,464	1 476 821,571	27,669	27,205	21	99 467	53 468,448	1 530 827,287	28,630	28,167
22	99 250	51 797,665	1 423 446,107	27,481	27,018	22	99 451	51 902,520	1 477 358,840	28,464	28,001
23	99 205	50 266,314	1 371 648,442	27,288	26,824	23	99 433	50 382,076	1 425 456,320	28,293	27,830
24	99 159	48 779,836	1 321 382,128	27,089	26,625	24	99 412	48 904,023	1 375 074,244	28,118	27,655
25	99 111	47 336,170	1 272 602,292	26,884	26,421	25	99 395	47 471,583	1 326 170,221	27,936	27,473
26	99 064	45 935,335	1 225 266,122	26,674	26,210	26	99 376	46 080,322	1 278 698,638	27,749	27,286
27	99 017	44 576,282	1 179 330,787	26,456	25,993	27	99 357	44 729,472	1 232 618,316	27,557	27,094
28	98 965	43 255,106	1 134 754,505	26,234	25,771	28	99 335	43 417,186	1 187 888,844	27,360	26,897
29	98 914	41 973,617	1 091 499,400	26,004	25,541	29	99 311	42 142,095	1 144 471,658	27,157	26,694
30	98 857	40 727,750	1 049 525,783	25,769	25,306	30	99 285	40 904,067	1 102 329,563	26,949	26,486
31	98 800	39 518,725	1 008 798,032	25,527	25,064	31	99 255	39 700,895	1 061 425,496	26,736	26,272
32	98 732	38 341,284	969 279,308	25,280	24,817	32	99 224	38 532,255	1 021 724,601	26,516	26,053
33	98 663	37 198,471	930 938,024	25,026	24,563	33	99 189	37 396,973	983 192,346	26,291	25,827
34	98 593	36 089,376	893 739,553	24,765	24,301	34	99 154	36 294,814	945 795,373	26,059	25,595
35	98 513	35 010,014	857 650,177	24,497	24,034	35	99 115	35 223,901	909 500,559	25,821	25,357
36	98 426	33 960,130	822 640,163	24,224	23,760	36	99 075	34 184,198	874 276,658	25,575	25,112
37	98 339	32 941,745	788 680,033	23,942	23,478	37	99 029	33 172,982	840 092,460	25,325	24,861
38	98 246	31 952,310	755 738,288	23,652	23,189	38	98 983	32 191,956	806 919,478	25,066	24,603
39	98 143	30 989,103	723 785,978	23,356	22,893	39	98 925	31 236,022	774 727,522	24,802	24,339
40	98 036	30 053,672	692 796,874	23,052	22,589	40	98 866	30 308,169	743 491,501	24,531	24,068
41	97 913	29 141,654	662 743,202	22,742	22,279	41	98 799	29 405,436	713 183,332	24,253	23,790
42	97 783	28 255,394	633 601,548	22,424	21,961	42	98 724	28 527,188	683 777,895	23,969	23,506
43	97 638	27 391,546	605 346,155	22,100	21,637	43	98 642	27 673,317	655 250,707	23,678	23,215
44	97 478	26 550,183	577 954,609	21,768	21,305	44	98 553	26 843,119	627 577,391	23,379	22,916
45	97 303	25 730,592	551 404,426	21,430	20,967	45	98 453	26 034,697	600 734,272	23,074	22,611
46	97 104	24 930,089	525 673,834	21,086	20,623	46	98 343	25 248,298	574 699,575	22,762	22,299
47	96 892	24 151,090	500 743,745	20,734	20,271	47	98 218	24 481,786	549 451,276	22,443	21,980
48	96 651	23 389,375	476 592,655	20,376	19,913	48	98 078	23 734,651	524 969,490	22,118	21,655
49	96 382	22 644,894	453 203,280	20,013	19,550	49	97 921	23 006,491	501 234,839	21,787	21,323

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	21 916,148	430 558,387	19,646	19,182	50	97 743	22 295,938	478 228,348	21,449	20,986
51	95 740	21 202,964	408 642,238	19,273	18,810	51	97 551	21 603,883	455 932,410	21,104	20,641
52	95 371	20 505,922	387 439,274	18,894	18,431	52	97 335	20 928,316	434 328,527	20,753	20,290
53	94 949	19 820,560	366 933,352	18,513	18,050	53	97 096	20 268,865	413 400,211	20,396	19,933
54	94 475	19 147,309	347 112,792	18,129	17,665	54	96 831	19 624,725	393 131,346	20,032	19,569
55	93 949	18 485,999	327 965,482	17,741	17,278	55	96 539	18 995,788	373 506,621	19,663	19,199
56	93 371	17 837,225	309 479,483	17,350	16,887	56	96 220	18 381,406	354 510,833	19,286	18,823
57	92 733	17 199,407	291 642,258	16,957	16,493	57	95 871	17 781,442	336 129,427	18,903	18,440
58	92 034	16 572,541	274 442,851	16,560	16,097	58	95 489	17 194,615	318 347,985	18,514	18,051
59	91 257	15 954,040	257 870,310	16,163	15,700	59	95 067	16 620,172	301 153,370	18,120	17,657
60	90 413	15 346,076	241 916,270	15,764	15,301	60	94 608	16 058,152	284 533,198	17,719	17,256
61	89 505	14 749,500	226 570,195	15,361	14,898	61	94 098	15 506,391	268 475,046	17,314	16,851
62	88 522	14 162,553	211 820,695	14,956	14,493	62	93 572	14 970,515	252 968,655	16,898	16,435
63	87 448	13 583,308	197 658,141	14,552	14,088	63	93 003	14 446,160	237 998,140	16,475	16,012
64	86 305	13 015,341	184 074,833	14,143	13,680	64	92 391	13 933,049	223 551,980	16,045	15,582
65	85 073	12 455,848	171 059,492	13,733	13,270	65	91 717	13 428,654	209 618,931	15,610	15,147
66	83 766	11 907,223	158 603,644	13,320	12,857	66	90 983	12 933,070	196 190,276	15,170	14,706
67	82 397	11 371,447	146 696,421	12,900	12,437	67	90 188	12 446,693	183 257,207	14,723	14,260
68	80 917	10 842,025	135 324,974	12,482	12,018	68	89 314	11 967,019	170 810,514	14,273	13,810
69	79 404	10 329,364	124 482,949	12,051	11,588	69	88 401	11 499,785	158 843,494	13,813	13,350
70	77 765	9 821,571	114 153,585	11,623	11,160	70	87 414	11 040,104	147 343,709	13,346	12,883
71	76 023	9 321,869	104 332,014	11,192	10,729	71	86 349	10 587,958	136 303,605	12,873	12,410
72	74 169	8 829,611	95 010,144	10,760	10,297	72	85 192	10 141,924	125 715,647	12,396	11,932
73	72 229	8 348,279	86 180,534	10,323	9,860	73	83 965	9 704,646	115 573,723	11,909	11,446
74	70 186	7 875,780	77 832,255	9,882	9,419	74	82 665	9 276,108	105 869,077	11,413	10,950
75	68 016	7 409,968	69 956,475	9,441	8,978	75	81 251	8 851,853	96 592,968	10,912	10,449
76	65 701	6 949,311	62 546,507	9,000	8,537	76	79 701	8 430,165	87 741,115	10,408	9,945
77	63 228	6 492,936	55 597,197	8,563	8,099	77	77 962	8 005,988	79 310,950	9,906	9,443
78	60 619	6 043,757	49 104,261	8,125	7,662	78	76 055	7 582,744	71 304,962	9,404	8,940
79	57 816	5 596,387	43 060,504	7,694	7,231	79	73 918	7 155,017	63 722,217	8,906	8,443
80	54 794	5 149,342	37 464,117	7,276	6,812	80	71 485	6 717,913	56 567,201	8,420	7,957
81	51 583	4 706,473	32 314,775	6,866	6,403	81	68 739	6 271,739	49 849,288	7,948	7,485
82	48 151	4 265,374	27 608,302	6,473	6,009	82	65 710	5 820,767	43 577,549	7,487	7,023
83	44 551	3 831,501	23 342,929	6,092	5,629	83	62 402	5 366,739	37 756,781	7,035	6,572
84	40 773	3 404,447	19 511,428	5,731	5,268	84	58 778	4 907,794	32 390,043	6,600	6,136
85	36 886	2 990,219	16 106,981	5,387	4,923	85	54 827	4 444,551	27 482,248	6,183	5,720
86	32 921	2 590,997	13 116,762	5,062	4,599	86	50 593	3 981,881	23 037,697	5,786	5,322
87	28 969	2 213,615	10 525,765	4,755	4,292	87	46 095	3 522,195	19 055,817	5,410	4,947
88	25 117	1 863,328	8 312,149	4,461	3,998	88	41 430	3 073,577	15 533,621	5,054	4,591
89	21 411	1 542,159	6 448,821	4,182	3,718	89	36 673	2 641,411	12 460,045	4,717	4,254
90	17 933	1 254,024	4 906,662	3,913	3,450	90	31 872	2 228,740	9 818,634	4,405	3,942
91	14 713	998,891	3 652,637	3,657	3,193	91	27 157	1 843,716	7 589,894	4,117	3,653
92	11 735	773,506	2 653,746	3,431	2,968	92	22 613	1 490,483	5 746,178	3,855	3,392
93	9 104	582,584	1 880,240	3,227	2,764	93	18 371	1 175,661	4 255,695	3,620	3,157
94	6 884	427,699	1 297,656	3,034	2,571	94	14 528	902,635	3 080,035	3,412	2,949
95	5 001	301,673	869,957	2,884	2,421	95	11 112	670,253	2 177,399	3,249	2,785
96	3 571	209,141	568,284	2,717	2,254	96	8 344	488,677	1 507,147	3,084	2,621
97	2 455	139,574	359,143	2,573	2,110	97	6 096	346,588	1 018,470	2,939	2,475
98	1 625	89,704	219,569	2,448	1,984	98	4 407	243,266	671,882	2,762	2,299
99	1 037	55,601	129,864	2,336	1,872	99	3 064	164,209	428,616	2,610	2,147
100	638	33,213	74,264	2,236	1,773	100	2 051	106,732	264,407	2,477	2,014

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 882 795,688	28,828	28,364	0	100 000	100 000,000	2 929 362,234	29,294	28,830
1	99 645	96 508,805	2 782 795,688	28,835	28,371	1	99 694	96 555,558	2 829 362,234	29,303	28,839
2	99 618	93 445,535	2 686 286,883	28,747	28,283	2	99 671	93 494,672	2 732 806,675	29,230	28,766
3	99 603	90 490,035	2 592 841,348	28,653	28,190	3	99 659	90 540,957	2 639 312,004	29,150	28,687
4	99 590	87 630,397	2 502 351,313	28,556	28,092	4	99 647	87 680,553	2 548 771,046	29,069	28,605
5	99 578	84 862,211	2 414 720,916	28,455	27,991	5	99 638	84 912,910	2 461 090,494	28,984	28,520
6	99 569	82 183,258	2 329 858,705	28,350	27,886	6	99 630	82 233,939	2 376 177,584	28,895	28,432
7	99 559	79 588,121	2 247 675,447	28,241	27,778	7	99 624	79 640,219	2 293 943,645	28,804	28,340
8	99 550	77 076,436	2 168 087,325	28,129	27,665	8	99 619	77 129,581	2 214 303,426	28,709	28,245
9	99 542	74 644,220	2 091 010,889	28,013	27,549	9	99 613	74 697,149	2 137 173,844	28,611	28,148
10	99 534	72 288,831	2 016 366,669	27,893	27,430	10	99 606	72 341,226	2 062 476,695	28,510	28,047
11	99 526	70 008,011	1 944 077,839	27,769	27,306	11	99 600	70 059,990	1 990 135,470	28,406	27,943
12	99 518	67 798,314	1 874 069,828	27,642	27,178	12	99 593	67 849,657	1 920 075,480	28,299	27,835
13	99 510	65 659,081	1 806 271,514	27,510	27,046	13	99 585	65 708,755	1 852 225,823	28,188	27,725
14	99 500	63 586,249	1 740 612,433	27,374	26,910	14	99 576	63 634,985	1 786 517,068	28,074	27,611
15	99 488	61 577,307	1 677 026,184	27,234	26,771	15	99 566	61 625,480	1 722 882,083	27,957	27,494
16	99 473	59 630,074	1 615 448,878	27,091	26,628	16	99 554	59 678,228	1 661 256,603	27,837	27,373
17	99 448	57 738,223	1 555 818,804	26,946	26,482	17	99 540	57 791,581	1 601 578,375	27,713	27,249
18	99 418	55 904,401	1 498 080,581	26,797	26,334	18	99 525	55 964,280	1 543 786,795	27,585	27,122
19	99 380	54 123,942	1 442 176,180	26,646	26,182	19	99 505	54 191,654	1 487 822,515	27,455	26,991
20	99 339	52 398,394	1 388 052,238	26,490	26,027	20	99 485	52 475,733	1 433 630,861	27,320	26,856
21	99 294	50 726,175	1 335 653,844	26,331	25,867	21	99 467	50 814,543	1 381 155,128	27,180	26,717
22	99 250	49 107,497	1 284 927,669	26,166	25,702	22	99 451	49 206,906	1 330 340,584	27,036	26,572
23	99 205	47 540,289	1 235 820,172	25,995	25,532	23	99 433	47 649,773	1 281 133,678	26,886	26,423
24	99 159	46 022,720	1 188 279,883	25,819	25,356	24	99 412	46 139,888	1 233 483,905	26,734	26,270
25	99 111	44 552,515	1 142 257,163	25,638	25,175	25	99 395	44 679,965	1 187 344,017	26,574	26,111
26	99 064	43 129,375	1 097 704,648	25,451	24,988	26	99 376	43 265,505	1 142 664,052	26,411	25,947
27	99 017	41 751,999	1 054 575,273	25,258	24,794	27	99 357	41 895,484	1 099 398,547	26,241	25,778
28	98 965	40 416,433	1 012 823,274	25,060	24,596	28	99 335	40 567,876	1 057 503,064	26,067	25,604
29	98 914	39 124,082	972 406,841	24,854	24,391	29	99 311	39 281,122	1 016 935,188	25,889	25,425
30	98 857	37 870,876	933 282,759	24,644	24,180	30	99 285	38 034,825	977 654,065	25,704	25,241
31	98 800	36 657,684	895 411,883	24,426	23,963	31	99 255	36 826,665	939 619,240	25,515	25,051
32	98 732	35 479,371	858 754,199	24,204	23,741	32	99 224	35 656,087	902 792,575	25,319	24,856
33	98 663	34 338,515	823 274,828	23,975	23,512	33	99 189	34 521,756	867 136,487	25,119	24,655
34	98 593	33 234,026	788 936,313	23,739	23,275	34	99 154	33 423,210	832 614,731	24,911	24,448
35	98 513	32 161,999	755 702,287	23,497	23,033	35	99 115	32 358,487	799 191,521	24,698	24,234
36	98 426	31 121,983	723 540,288	23,249	22,785	36	99 075	31 327,325	766 833,034	24,478	24,014
37	98 339	30 115,612	692 418,305	22,992	22,528	37	99 029	30 327,010	735 505,709	24,252	23,789
38	98 246	29 140,333	662 302,693	22,728	22,264	38	98 983	29 358,889	705 178,699	24,019	23,556
39	98 143	28 193,463	633 162,360	22,458	21,994	39	98 925	28 418,106	675 819,811	23,781	23,318
40	98 036	27 276,216	604 968,897	22,179	21,716	40	98 866	27 507,193	647 401,705	23,536	23,072
41	97 913	26 384,443	577 692,681	21,895	21,432	41	98 799	26 623,268	619 894,512	23,284	22,820
42	97 783	25 520,094	551 308,238	21,603	21,139	42	98 724	25 765,577	593 271,244	23,026	22,562
43	97 638	24 679,969	525 788,144	21,304	20,841	43	98 642	24 933,846	567 505,667	22,760	22,297
44	97 478	23 863,973	501 108,175	20,999	20,535	44	98 553	24 127,271	542 571,820	22,488	22,024
45	97 303	23 071,306	477 244,202	20,686	20,222	45	98 453	23 343,981	518 444,549	22,209	21,745
46	97 104	22 299,411	454 172,896	20,367	19,903	46	98 343	22 584,042	495 100,568	21,923	21,459
47	96 892	21 550,307	431 873,485	20,040	19,577	47	98 218	21 845,391	472 516,526	21,630	21,166
48	96 651	20 820,085	410 323,179	19,708	19,244	48	98 078	21 127,433	450 671,134	21,331	20,867
49	96 382	20 108,577	389 503,093	19,370	18,906	49	97 921	20 429,674	429 543,701	21,025	20,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	19 414,332	369 394,516	19,027	18,563	50	97 743	19 750,767	409 114,027	20,714	20,250
51	95 740	18 737,082	349 980,184	18,678	18,215	51	97 551	19 091,375	389 363,260	20,395	19,931
52	95 371	18 077,229	331 243,102	18,324	17,860	52	97 335	18 449,595	370 271,885	20,069	19,606
53	94 949	17 430,732	313 165,873	17,966	17,503	53	97 096	17 824,983	351 822,290	19,738	19,274
54	94 475	16 797,886	295 735,141	17,605	17,142	54	96 831	17 216,722	333 997,307	19,400	18,936
55	93 949	16 178,452	278 937,255	17,241	16,778	55	96 539	16 624,606	316 780,585	19,055	18,591
56	93 371	15 572,864	262 758,802	16,873	16,409	56	96 220	16 047,963	300 155,979	18,704	18,240
57	92 733	14 979,656	247 185,938	16,501	16,038	57	95 871	15 486,574	284 108,016	18,345	17,882
58	92 034	14 398,745	232 206,282	16,127	15,663	58	95 489	14 939,222	268 621,442	17,981	17,517
59	91 257	13 827,809	217 807,537	15,751	15,288	59	95 067	14 405,164	253 682,220	17,611	17,147
60	90 413	13 268,664	203 979,728	15,373	14,909	60	94 608	13 884,346	239 277,055	17,234	16,770
61	89 505	12 721,969	190 711,064	14,991	14,527	61	94 098	13 374,814	225 392,709	16,852	16,388
62	88 522	12 186,128	177 989,096	14,606	14,142	62	93 572	12 881,337	212 017,896	16,459	15,996
63	87 448	11 659,419	165 802,967	14,221	13,757	63	93 003	12 400,060	199 136,559	16,059	15,596
64	86 305	11 144,846	154 143,548	13,831	13,367	64	92 391	11 930,666	186 736,499	15,652	15,188
65	85 073	10 639,935	142 998,702	13,440	12,976	65	91 717	11 470,918	174 805,833	15,239	14,775
66	83 766	10 146,665	132 358,767	13,045	12,581	66	90 983	11 020,834	163 334,915	14,821	14,357
67	82 397	9 666,645	122 212,102	12,643	12,179	67	90 188	10 580,690	152 314,081	14,395	13,932
68	80 917	9 194,277	112 545,457	12,241	11,777	68	89 314	10 148,297	141 733,390	13,966	13,503
69	79 404	8 738,320	103 351,180	11,827	11,364	69	88 401	9 728,459	131 585,093	13,526	13,062
70	77 765	8 288,625	94 612,860	11,415	10,951	70	87 414	9 316,970	121 856,634	13,079	12,615
71	76 023	7 847,868	86 324,236	11,000	10,536	71	86 349	8 913,759	112 539,664	12,625	12,162
72	74 169	7 415,448	78 476,368	10,583	10,119	72	85 192	8 517,579	103 625,905	12,166	11,702
73	72 229	6 994,230	71 060,920	10,160	9,696	73	83 965	8 130,602	95 108,326	11,698	11,234
74	70 186	6 582,392	64 066,690	9,733	9,269	74	82 665	7 752,753	86 977,724	11,219	10,755
75	68 016	6 178,082	57 484,298	9,305	8,841	75	81 251	7 380,258	79 224,971	10,735	10,271
76	65 701	5 779,978	51 306,216	8,877	8,413	76	79 701	7 011,656	71 844,713	10,246	9,783
77	63 228	5 387,320	45 526,237	8,451	7,987	77	77 962	6 642,730	64 833,057	9,760	9,296
78	60 619	5 002,485	40 138,918	8,024	7,560	78	76 055	6 276,322	58 190,327	9,271	8,808
79	57 816	4 620,976	35 136,433	7,604	7,140	79	73 918	5 907,948	51 914,005	8,787	8,324
80	54 794	4 241,553	30 515,456	7,194	6,731	80	71 485	5 533,597	46 006,057	8,314	7,850
81	51 583	3 867,371	26 273,903	6,794	6,330	81	68 739	5 153,571	40 472,460	7,853	7,390
82	48 151	3 496,428	22 406,532	6,408	5,945	82	65 710	4 771,421	35 318,889	7,402	6,939
83	44 551	3 133,167	18 910,105	6,035	5,572	83	62 402	4 388,591	30 547,468	6,961	6,497
84	40 773	2 777,208	15 776,938	5,681	5,217	84	58 778	4 003,577	26 158,877	6,534	6,070
85	36 886	2 433,391	12 999,729	5,342	4,879	85	54 827	3 616,903	22 155,301	6,125	5,662
86	32 921	2 103,406	10 566,338	5,023	4,560	86	50 593	3 232,544	18 538,397	5,735	5,271
87	28 969	1 792,691	8 462,932	4,721	4,257	87	46 095	2 852,441	15 305,854	5,366	4,902
88	25 117	1 505,358	6 670,241	4,431	3,967	88	41 430	2 483,102	12 453,413	5,015	4,552
89	21 411	1 242,873	5 164,883	4,156	3,692	89	36 673	2 128,794	9 970,311	4,684	4,220
90	17 933	1 008,209	3 922,010	3,890	3,426	90	31 872	1 791,861	7 841,517	4,376	3,913
91	14 713	801,143	2 913,800	3,637	3,173	91	27 157	1 478,720	6 049,657	4,091	3,628
92	11 735	618,875	2 112,657	3,414	2,950	92	22 613	1 192,521	4 570,937	3,833	3,369
93	9 104	464,991	1 493,782	3,212	2,749	93	18 371	938,357	3 378,415	3,600	3,137
94	6 884	340,543	1 028,791	3,021	2,557	94	14 528	718,697	2 440,058	3,395	2,931
95	5 001	239,617	688,248	2,872	2,409	95	11 112	532,377	1 721,361	3,233	2,770
96	3 571	165,717	448,631	2,707	2,244	96	8 344	387,213	1 188,985	3,071	2,607
97	2 455	110,327	282,914	2,564	2,101	97	6 096	273,961	801,772	2,927	2,463
98	1 625	70,735	172,588	2,440	1,976	98	4 407	191,824	527,811	2,752	2,288
99	1 037	43,737	101,852	2,329	1,865	99	3 064	129,171	335,987	2,601	2,137
100	638	26,063	58,115	2,230	1,766	100	2 051	83,755	206,815	2,469	2,006

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 724 737,021	27,247	26,783	0	100 000	100 000,000	2 764 188,769	27,642	27,178
1	99 645	96 275,692	2 624 737,021	27,263	26,799	1	99 694	96 322,332	2 664 188,769	27,659	27,195
2	99 618	92 994,653	2 528 461,329	27,189	26,725	2	99 671	93 043,552	2 567 866,437	27,599	27,135
3	99 603	89 835,892	2 435 466,676	27,110	26,646	3	99 659	89 886,447	2 474 822,885	27,533	27,069
4	99 590	86 786,789	2 345 630,784	27,028	26,563	4	99 647	86 836,462	2 384 936,438	27,465	27,001
5	99 578	83 842,245	2 258 843,995	26,942	26,478	5	99 638	83 892,334	2 298 099,976	27,393	26,929
6	99 569	80 999,366	2 175 001,750	26,852	26,388	6	99 630	81 049,317	2 214 207,642	27,319	26,855
7	99 559	78 252,141	2 094 002,385	26,760	26,296	7	99 624	78 303,364	2 133 158,325	27,242	26,778
8	99 550	75 599,567	2 015 750,244	26,664	26,199	8	99 619	75 651,694	2 054 854,962	27,162	26,698
9	99 542	73 037,110	1 940 150,677	26,564	26,100	9	99 613	73 088,899	1 979 203,267	27,079	26,615
10	99 534	70 561,581	1 867 113,567	26,461	25,997	10	99 606	70 612,724	1 906 114,368	26,994	26,530
11	99 526	68 170,198	1 796 551,985	26,354	25,890	11	99 600	68 220,812	1 835 501,644	26,905	26,441
12	99 518	65 859,043	1 728 381,788	26,244	25,780	12	99 593	65 908,918	1 767 280,832	26,814	26,350
13	99 510	63 626,940	1 662 522,744	26,129	25,665	13	99 585	63 675,076	1 701 371,913	26,720	26,256
14	99 500	61 469,425	1 598 895,804	26,011	25,547	14	99 576	61 516,539	1 637 696,837	26,622	26,158
15	99 488	59 383,576	1 537 426,379	25,890	25,426	15	99 566	59 430,033	1 576 180,298	26,522	26,058
16	99 473	57 366,812	1 478 042,803	25,765	25,301	16	99 554	57 413,138	1 516 750,265	26,418	25,954
17	99 448	55 412,596	1 420 675,991	25,638	25,174	17	99 540	55 463,804	1 459 337,127	26,312	25,847
18	99 418	53 523,042	1 365 263,395	25,508	25,044	18	99 525	53 580,370	1 403 873,323	26,201	25,737
19	99 380	51 693,260	1 311 740,354	25,375	24,911	19	99 505	51 757,931	1 350 292,953	26,089	25,625
20	99 339	49 924,323	1 260 047,094	25,239	24,775	20	99 485	49 998,010	1 298 535,021	25,972	25,508
21	99 294	48 214,319	1 210 122,771	25,099	24,635	21	99 467	48 298,311	1 248 537,011	25,851	25,387
22	99 250	46 563,051	1 161 908,451	24,953	24,489	22	99 451	46 657,309	1 200 238,700	25,725	25,261
23	99 205	44 968,164	1 115 345,400	24,803	24,339	23	99 433	45 071,725	1 153 581,390	25,594	25,130
24	99 159	43 427,550	1 070 377,236	24,647	24,183	24	99 412	43 538,111	1 108 509,665	25,461	24,997
25	99 111	41 938,703	1 026 949,686	24,487	24,023	25	99 395	42 058,675	1 064 971,553	25,321	24,857
26	99 064	40 500,990	985 010,983	24,321	23,857	26	99 376	40 628,824	1 022 912,878	25,177	24,713
27	99 017	39 112,850	944 509,993	24,148	23,684	27	99 357	39 247,264	982 284,054	25,028	24,564
28	98 965	37 770,251	905 397,143	23,971	23,507	28	99 335	37 911,779	943 036,790	24,875	24,410
29	98 914	36 474,199	867 626,892	23,787	23,323	29	99 311	36 620,603	905 125,011	24,716	24,252
30	98 857	35 220,593	831 152,693	23,598	23,134	30	99 285	35 373,069	868 504,407	24,553	24,089
31	98 800	34 009,954	795 932,099	23,403	22,939	31	99 255	34 166,730	833 131,338	24,384	23,920
32	98 732	32 837,240	761 922,145	23,203	22,739	32	99 224	33 000,796	798 964,608	24,210	23,746
33	98 663	31 704,577	729 084,905	22,996	22,532	33	99 189	31 873,762	765 963,812	24,031	23,567
34	98 593	30 610,690	697 380,329	22,782	22,318	34	99 154	30 784,940	734 090,050	23,846	23,382
35	98 513	29 551,730	666 769,639	22,563	22,099	35	99 115	29 732,271	703 305,109	23,655	23,191
36	98 426	28 527,048	637 217,909	22,337	21,873	36	99 075	28 715,269	673 572,839	23,457	22,993
37	98 339	27 537,910	608 690,861	22,104	21,640	37	99 029	27 731,214	644 857,569	23,254	22,790
38	98 246	26 581,747	581 152,950	21,863	21,399	38	98 983	26 781,112	617 126,355	23,043	22,579
39	98 143	25 655,893	554 571,204	21,616	21,152	39	98 925	25 860,317	590 345,243	22,828	22,364
40	98 036	24 761,249	528 915,311	21,361	20,897	40	98 866	24 970,929	564 484,926	22,606	22,142
41	97 913	23 893,846	504 154,062	21,100	20,636	41	98 799	24 110,127	539 513,997	22,377	21,913
42	97 783	23 055,264	480 260,216	20,831	20,367	42	98 724	23 277,038	515 403,870	22,142	21,678
43	97 638	22 242,426	457 204,952	20,556	20,092	43	98 642	22 471,229	492 126,833	21,900	21,436
44	97 478	21 455,074	434 962,525	20,273	19,809	44	98 553	21 691,794	469 655,603	21,651	21,187
45	97 303	20 692,318	413 507,452	19,984	19,520	45	98 453	20 936,877	447 963,809	21,396	20,932
46	97 104	19 951,708	392 815,133	19,688	19,224	46	98 343	20 206,373	427 026,933	21,133	20,669
47	96 892	19 234,896	372 863,425	19,385	18,921	47	98 218	19 498,276	406 820,560	20,864	20,400
48	96 651	18 538,245	353 628,529	19,076	18,612	48	98 078	18 811,908	387 322,283	20,589	20,125
49	96 382	17 861,468	335 090,284	18,761	18,296	49	97 921	18 146,683	368 510,375	20,307	19,843

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	17 203,150	317 228,816	18,440	17,976	50	97 743	17 501,267	350 363,692	20,019	19,555
51	95 740	16 562,931	300 025,666	18,114	17,650	51	97 551	16 876,114	332 862,425	19,724	19,260
52	95 371	15 941,046	283 462,734	17,782	17,318	52	97 335	16 269,409	315 986,311	19,422	18,958
53	94 949	15 333,818	267 521,689	17,447	16,982	53	97 096	15 680,640	299 716,902	19,114	18,650
54	94 475	14 741,409	252 187,871	17,107	16,643	54	96 831	15 108,969	284 036,262	18,799	18,335
55	93 949	14 163,515	237 446,462	16,765	16,301	55	96 539	14 554,103	268 927,293	18,478	18,014
56	93 371	13 600,419	223 282,947	16,417	15,953	56	96 220	14 015,342	254 373,190	18,150	17,686
57	92 733	13 050,746	209 682,528	16,067	15,603	57	95 871	13 492,389	240 357,848	17,814	17,350
58	92 034	12 514,337	196 631,782	15,713	15,248	58	95 489	12 984,081	226 865,459	17,473	17,009
59	91 257	11 989,092	184 117,445	15,357	14,893	59	95 067	12 489,675	213 881,378	17,125	16,661
60	90 413	11 476,510	172 128,353	14,998	14,534	60	94 608	12 009,034	201 391,703	16,770	16,306
61	89 505	10 977,076	160 651,843	14,635	14,171	61	94 098	11 540,379	189 382,670	16,410	15,946
62	88 522	10 489,331	149 674,767	14,269	13,805	62	93 572	11 087,739	177 842,290	16,040	15,576
63	87 448	10 011,720	139 185,436	13,902	13,438	63	93 003	10 647,694	166 754,551	15,661	15,197
64	86 305	9 546,750	129 173,717	13,531	13,067	64	92 391	10 219,889	156 106,858	15,275	14,811
65	85 073	9 092,225	119 626,966	13,157	12,693	65	91 717	9 802,331	145 886,969	14,883	14,419
66	83 766	8 649,763	110 534,742	12,779	12,315	66	90 983	9 394,969	136 084,638	14,485	14,021
67	82 397	8 220,654	101 884,978	12,394	11,930	67	90 188	8 997,971	126 689,669	14,080	13,616
68	80 917	7 800,059	93 664,324	12,008	11,544	68	89 314	8 609,412	117 691,697	13,670	13,206
69	79 404	7 395,337	85 864,265	11,611	11,147	69	88 401	8 233,303	109 082,286	13,249	12,785
70	77 765	6 997,811	78 468,928	11,213	10,749	70	87 414	7 866,009	100 848,983	12,821	12,357
71	76 023	6 609,691	71 471,117	10,813	10,349	71	86 349	7 507,413	92 982,974	12,385	11,921
72	74 169	6 230,409	64 861,427	10,410	9,946	72	85 192	7 156,412	85 475,560	11,944	11,480
73	72 229	5 862,310	58 631,018	10,001	9,537	73	83 965	6 814,776	78 319,148	11,493	11,029
74	70 186	5 503,796	52 768,708	9,588	9,124	74	82 665	6 482,381	71 504,373	11,031	10,567
75	68 016	5 153,259	47 264,912	9,172	8,708	75	81 251	6 156,017	65 021,992	10,562	10,098
76	65 701	4 809,547	42 111,653	8,756	8,292	76	79 701	5 834,432	58 865,975	10,089	9,625
77	63 228	4 471,986	37 302,106	8,341	7,877	77	77 962	5 514,096	53 031,543	9,617	9,153
78	60 619	4 142,507	32 830,119	7,925	7,461	78	76 055	5 197,358	47 517,447	9,143	8,679
79	57 816	3 817,340	28 687,613	7,515	7,051	79	73 918	4 880,494	42 320,088	8,671	8,207
80	54 794	3 495,439	24 870,272	7,115	6,651	80	71 485	4 560,205	37 439,594	8,210	7,746
81	51 583	3 179,380	21 374,833	6,723	6,259	81	68 739	4 236,770	32 879,390	7,760	7,296
82	48 151	2 867,483	18 195,454	6,345	5,881	82	65 710	3 913,127	28 642,620	7,320	6,856
83	44 551	2 563,359	15 327,971	5,980	5,516	83	62 402	3 590,468	24 729,493	6,888	6,424
84	40 773	2 266,648	12 764,611	5,631	5,167	84	58 778	3 267,562	21 139,025	6,469	6,005
85	36 886	1 981,241	10 497,963	5,299	4,835	85	54 827	2 944,844	17 871,463	6,069	5,605
86	32 921	1 708,434	8 516,722	4,985	4,521	86	50 593	2 625,545	14 926,619	5,685	5,221
87	28 969	1 452,547	6 808,288	4,687	4,223	87	46 095	2 311,221	12 301,073	5,322	4,858
88	25 117	1 216,786	5 355,741	4,402	3,938	88	41 430	2 007,100	9 989,852	4,977	4,513
89	21 411	1 002,193	4 138,954	4,130	3,666	89	36 673	1 716,555	7 982,752	4,650	4,186
90	17 933	811,007	3 136,762	3,868	3,404	90	31 872	1 441,379	6 266,197	4,347	3,883
91	14 713	642,886	2 325,755	3,618	3,154	91	27 157	1 186,614	4 824,818	4,066	3,602
92	11 735	495,423	1 682,869	3,397	2,933	92	22 613	954,640	3 638,203	3,811	3,347
93	9 104	371,337	1 187,446	3,198	2,734	93	18 371	749,361	2 683,564	3,581	3,117
94	6 884	271,297	816,109	3,008	2,544	94	14 528	572,557	1 934,202	3,378	2,914
95	5 001	190,432	544,812	2,861	2,397	95	11 112	423,099	1 361,646	3,218	2,754
96	3 571	131,383	354,380	2,697	2,233	96	8 344	306,988	938,547	3,057	2,593
97	2 455	87,257	222,998	2,556	2,092	97	6 096	216,676	631,559	2,915	2,451
98	1 625	55,809	135,740	2,432	1,968	98	4 407	151,347	414,883	2,741	2,277
99	1 037	34,425	79,931	2,322	1,858	99	3 064	101,669	263,535	2,592	2,128
100	638	20,465	45,506	2,224	1,760	100	2 051	65,763	161,867	2,461	1,997

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 581 421,856	25,814	25,350	0	100 000	100 000,000	2 614 931,082	26,149	25,685
1	99 645	96 043,702	2 481 421,856	25,836	25,372	1	99 694	96 090,230	2 514 931,082	26,173	25,708
2	99 618	92 547,026	2 385 378,154	25,775	25,310	2	99 671	92 595,690	2 418 840,851	26,123	25,658
3	99 603	89 188,040	2 292 831,128	25,708	25,243	3	99 659	89 238,230	2 326 245,162	26,068	25,603
4	99 590	85 953,308	2 203 643,088	25,638	25,173	4	99 647	86 002,504	2 237 006,932	26,011	25,547
5	99 578	82 836,953	2 117 689,780	25,565	25,100	5	99 638	82 886,442	2 151 004,427	25,951	25,487
6	99 569	79 835,323	2 034 852,826	25,488	25,024	6	99 630	79 884,556	2 068 117,985	25,889	25,424
7	99 559	76 941,729	1 955 017,504	25,409	24,945	7	99 624	76 992,094	1 988 233,429	25,824	25,359
8	99 550	74 154,458	1 878 075,775	25,327	24,862	8	99 619	74 205,589	1 911 241,336	25,756	25,292
9	99 542	71 468,354	1 803 921,317	25,241	24,776	9	99 613	71 519,031	1 837 035,747	25,686	25,222
10	99 534	68 879,621	1 732 452,963	25,152	24,687	10	99 606	68 929,545	1 765 516,716	25,613	25,149
11	99 526	66 384,890	1 663 573,342	25,060	24,595	11	99 600	66 434,179	1 696 587,171	25,538	25,073
12	99 518	63 979,722	1 597 188,452	24,964	24,500	12	99 593	64 028,174	1 630 152,992	25,460	24,996
13	99 510	61 662,370	1 533 208,730	24,865	24,400	13	99 585	61 709,020	1 566 124,818	25,379	24,915
14	99 500	59 427,926	1 471 546,360	24,762	24,297	14	99 576	59 473,475	1 504 415,798	25,296	24,831
15	99 488	57 273,011	1 412 118,433	24,656	24,191	15	99 566	57 317,816	1 444 942,322	25,209	24,745
16	99 473	55 194,605	1 354 845,423	24,547	24,082	16	99 554	55 239,177	1 387 624,506	25,120	24,656
17	99 448	53 185,917	1 299 650,818	24,436	23,972	17	99 540	53 235,067	1 332 385,329	25,028	24,564
18	99 418	51 248,503	1 246 464,901	24,322	23,858	18	99 525	51 303,395	1 279 150,262	24,933	24,469
19	99 380	49 377,212	1 195 216,398	24,206	23,741	19	99 505	49 438,986	1 227 846,867	24,836	24,371
20	99 339	47 572,621	1 145 839,186	24,086	23,622	20	99 485	47 642,837	1 178 407,881	24,734	24,270
21	99 294	45 832,460	1 098 266,566	23,963	23,498	21	99 467	45 912,303	1 130 765,044	24,629	24,164
22	99 250	44 156,110	1 052 434,106	23,834	23,370	22	99 451	44 245,496	1 084 852,741	24,519	24,055
23	99 205	42 540,911	1 008 277,996	23,701	23,237	23	99 433	42 638,881	1 040 607,245	24,405	23,941
24	99 159	40 984,458	965 737,085	23,563	23,099	24	99 412	41 088,799	997 968,364	24,288	23,824
25	99 111	39 483,996	924 752,627	23,421	22,957	25	99 395	39 596,947	956 879,564	24,165	23,701
26	99 064	38 038,553	885 268,631	23,273	22,809	26	99 376	38 158,615	917 282,618	24,039	23,574
27	99 017	36 646,294	847 230,077	23,119	22,655	27	99 357	36 772,232	879 124,002	23,907	23,443
28	98 965	35 303,090	810 583,783	22,961	22,496	28	99 335	35 435,373	842 351,771	23,771	23,307
29	98 914	34 009,548	775 280,694	22,796	22,332	29	99 311	34 146,059	806 916,397	23,631	23,167
30	98 857	32 761,517	741 271,146	22,626	22,162	30	99 285	32 903,347	772 770,339	23,486	23,022
31	98 800	31 559,174	708 509,629	22,450	21,986	31	99 255	31 704,652	739 866,992	23,336	22,872
32	98 732	30 397,542	676 950,455	22,270	21,805	32	99 224	30 548,947	708 162,339	23,181	22,717
33	98 663	29 278,311	646 552,913	22,083	21,619	33	99 189	29 434,549	677 613,393	23,021	22,557
34	98 593	28 200,021	617 274,602	21,889	21,425	34	99 154	28 360,549	648 178,843	22,855	22,391
35	98 513	27 158,855	589 074,581	21,690	21,226	35	99 115	27 324,777	619 818,295	22,683	22,219
36	98 426	26 153,971	561 915,726	21,485	21,020	36	99 075	26 326,534	592 493,517	22,506	22,041
37	98 339	25 186,280	535 761,755	21,272	20,808	37	99 029	25 363,076	566 166,983	22,322	21,858
38	98 246	24 253,186	510 575,476	21,052	20,587	38	98 983	24 435,088	540 803,907	22,132	21,668
39	98 143	23 352,031	486 322,289	20,826	20,361	39	98 925	23 538,098	516 368,819	21,938	21,473
40	98 036	22 483,417	462 970,258	20,592	20,127	40	98 866	22 673,809	492 830,721	21,736	21,271
41	97 913	21 643,530	440 486,841	20,352	19,887	41	98 799	21 839,441	470 156,913	21,528	21,063
42	97 783	20 833,602	418 843,311	20,104	19,640	42	98 724	21 034,005	448 317,472	21,314	20,850
43	97 638	20 050,660	398 009,709	19,850	19,386	43	98 642	20 256,917	427 283,466	21,093	20,629
44	97 478	19 294,288	377 959,049	19,589	19,125	44	98 553	19 507,168	407 026,550	20,865	20,401
45	97 303	18 563,512	358 664,761	19,321	18,857	45	98 453	18 782,911	387 519,382	20,631	20,167
46	97 104	17 855,965	340 101,248	19,047	18,583	46	98 343	18 083,880	368 736,471	20,390	19,926
47	96 892	17 172,967	322 245,283	18,765	18,300	47	98 218	17 408,114	350 652,592	20,143	19,679
48	96 651	16 511,113	305 072,316	18,477	18,012	48	98 078	16 754,851	333 244,478	19,889	19,425
49	96 382	15 870,008	288 561,204	18,183	17,718	49	97 921	16 123,422	316 489,627	19,629	19,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 3,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	15 248,257	272 691,196	17,883	17,419	50	97 743	15 512,497	300 366,204	19,363	18,898
51	95 740	14 645,414	257 442,939	17,578	17,114	51	97 551	14 922,339	284 853,707	19,089	18,625
52	95 371	14 061,560	242 797,525	17,267	16,802	52	97 335	14 351,209	269 931,368	18,809	18,345
53	94 949	13 493,333	228 735,965	16,952	16,487	53	97 096	13 798,528	255 580,159	18,522	18,058
54	94 475	12 940,772	215 242,631	16,633	16,168	54	96 831	13 263,435	241 781,631	18,229	17,765
55	93 949	12 403,507	202 301,859	16,310	15,846	55	96 539	12 745,559	228 518,196	17,929	17,465
56	93 371	11 881,683	189 898,352	15,982	15,518	56	96 220	12 244,171	215 772,637	17,622	17,158
57	92 733	11 374,002	178 016,669	15,651	15,187	57	95 871	11 758,902	203 528,466	17,308	16,844
58	92 034	10 880,229	166 642,667	15,316	14,852	58	95 489	11 288,634	191 769,564	16,988	16,523
59	91 257	10 398,452	155 762,439	14,979	14,515	59	95 067	10 832,621	180 480,930	16,661	16,196
60	90 413	9 929,891	145 363,986	14,639	14,175	60	94 608	10 390,650	169 648,309	16,327	15,863
61	89 505	9 474,877	135 434,095	14,294	13,830	61	94 098	9 961,093	159 257,658	15,988	15,524
62	88 522	9 032,063	125 959,218	13,946	13,481	62	93 572	9 547,335	149 296,565	15,638	15,173
63	87 448	8 600,032	116 927,155	13,596	13,132	63	93 003	9 146,332	139 749,231	15,279	14,815
64	86 305	8 180,865	108 327,123	13,242	12,777	64	92 391	8 757,695	130 602,899	14,913	14,449
65	85 073	7 772,595	100 146,258	12,885	12,420	65	91 717	8 379,638	121 845,204	14,541	14,076
66	83 766	7 376,534	92 373,663	12,523	12,058	66	90 983	8 012,047	113 465,567	14,162	13,697
67	82 397	6 993,696	84 997,129	12,153	11,689	67	90 188	7 654,996	105 453,519	13,776	13,311
68	80 917	6 619,886	78 003,433	11,783	11,319	68	89 314	7 306,781	97 798,523	13,385	12,920
69	79 404	6 261,276	71 383,547	11,401	10,936	69	88 401	6 970,741	90 491,742	12,982	12,517
70	77 765	5 910,433	65 122,272	11,018	10,554	70	87 414	6 643,723	83 521,001	12,571	12,107
71	76 023	5 569,170	59 211,838	10,632	10,168	71	86 349	6 325,570	76 877,278	12,153	11,689
72	74 169	5 236,947	53 642,668	10,243	9,779	72	85 192	6 015,295	70 551,707	11,729	11,264
73	72 229	4 915,669	48 405,722	9,847	9,383	73	83 965	5 714,331	64 536,412	11,294	10,829
74	70 186	4 603,927	43 490,053	9,446	8,982	74	82 665	5 422,513	58 822,081	10,848	10,383
75	68 016	4 300,315	38 886,126	9,043	8,578	75	81 251	5 137,102	53 399,567	10,395	9,930
76	65 701	4 003,822	34 585,811	8,638	8,174	76	79 701	4 857,012	48 262,466	9,937	9,472
77	63 228	3 713,841	30 581,989	8,235	7,770	77	77 962	4 579,279	43 405,454	9,479	9,014
78	60 619	3 431,929	26 868,148	7,829	7,364	78	76 055	4 305,838	38 826,175	9,017	8,553
79	57 816	3 154,919	23 436,219	7,428	6,964	79	73 918	4 033,584	34 520,336	8,558	8,094
80	54 794	2 881,916	20 281,300	7,037	6,573	80	71 485	3 759,793	30 486,753	8,109	7,644
81	51 583	2 615,015	17 399,384	6,654	6,189	81	68 739	3 484,710	26 726,960	7,670	7,205
82	48 151	2 352,799	14 784,369	6,284	5,819	82	65 710	3 210,761	23 242,250	7,239	6,774
83	44 551	2 098,195	12 431,570	5,925	5,460	83	62 402	2 938,917	20 031,489	6,816	6,352
84	40 773	1 850,856	10 333,375	5,583	5,119	84	58 778	2 668,163	17 092,571	6,406	5,942
85	36 886	1 613,906	8 482,519	5,256	4,791	85	54 827	2 398,850	14 424,408	6,013	5,549
86	32 921	1 388,325	6 868,614	4,947	4,483	86	50 593	2 133,598	12 025,558	5,636	5,172
87	28 969	1 177,540	5 480,288	4,654	4,190	87	46 095	1 873,643	9 891,961	5,280	4,815
88	25 117	984,038	4 302,749	4,373	3,908	88	41 430	1 623,180	8 018,318	4,940	4,475
89	21 411	808,539	3 318,711	4,105	3,640	89	36 673	1 384,865	6 395,139	4,618	4,153
90	17 933	652,720	2 510,172	3,846	3,381	90	31 872	1 160,059	5 010,273	4,319	3,855
91	14 713	516,165	1 857,452	3,599	3,134	91	27 157	952,717	3 850,214	4,041	3,577
92	11 735	396,810	1 341,288	3,380	2,916	92	22 613	764,621	2 897,497	3,789	3,325
93	9 104	296,706	944,478	3,183	2,719	93	18 371	598,756	2 132,877	3,562	3,098
94	6 884	216,250	647,771	2,995	2,531	94	14 528	456,383	1 534,120	3,361	2,897
95	5 001	151,427	431,522	2,850	2,385	95	11 112	336,438	1 077,737	3,203	2,739
96	3 571	104,221	280,095	2,688	2,223	96	8 344	243,522	741,299	3,044	2,580
97	2 455	69,051	175,874	2,547	2,083	97	6 096	171,466	497,778	2,903	2,439
98	1 625	44,058	106,823	2,425	1,960	98	4 407	119,480	326,312	2,731	2,267
99	1 037	27,111	62,765	2,315	1,851	99	3 064	80,068	206,832	2,583	2,119
100	638	16,078	35,654	2,218	1,753	100	2 051	51,666	126,764	2,454	1,989

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 451 118,165	24,511	24,046	0	100 000	100 000,000	2 479 655,113	24,797	24,332
1	99 645	95 812,828	2 351 118,165	24,539	24,074	1	99 694	95 859,244	2 379 655,113	24,824	24,360
2	99 618	92 102,623	2 255 305,337	24,487	24,022	2	99 671	92 151,053	2 283 795,869	24,783	24,318
3	99 603	88 546,402	2 163 202,714	24,430	23,965	3	99 659	88 596,231	2 191 644,816	24,737	24,273
4	99 590	85 129,809	2 074 656,312	24,371	23,906	4	99 647	85 178,534	2 103 048,585	24,690	24,225
5	99 578	81 846,092	1 989 526,503	24,308	23,843	5	99 638	81 894,989	2 017 870,051	24,640	24,175
6	99 569	78 690,749	1 907 680,411	24,243	23,778	6	99 630	78 739,277	1 935 975,061	24,587	24,122
7	99 559	75 656,335	1 828 989,661	24,175	23,710	7	99 624	75 705,859	1 857 235,785	24,532	24,067
8	99 550	72 740,351	1 753 333,326	24,104	23,639	8	99 619	72 790,507	1 781 529,926	24,475	24,010
9	99 542	69 936,948	1 680 592,975	24,030	23,565	9	99 613	69 986,539	1 708 739,419	24,415	23,950
10	99 534	67 241,657	1 610 656,027	23,953	23,488	10	99 606	67 290,394	1 638 752,881	24,353	23,889
11	99 526	64 650,467	1 543 414,369	23,873	23,408	11	99 600	64 698,468	1 571 462,486	24,289	23,824
12	99 518	62 158,360	1 478 763,902	23,790	23,325	12	99 593	62 205,432	1 506 764,018	24,222	23,758
13	99 510	59 762,970	1 416 605,543	23,704	23,239	13	99 585	59 808,183	1 444 558,586	24,153	23,688
14	99 500	57 458,899	1 356 842,572	23,614	23,149	14	99 576	57 502,939	1 384 750,403	24,081	23,617
15	99 488	55 242,268	1 299 383,673	23,522	23,057	15	99 566	55 285,485	1 327 247,463	24,007	23,542
16	99 473	53 109,582	1 244 141,405	23,426	22,961	16	99 554	53 152,470	1 271 961,978	23,930	23,466
17	99 448	51 053,753	1 191 031,823	23,329	22,864	17	99 540	51 100,933	1 218 809,508	23,851	23,386
18	99 418	49 075,753	1 139 978,070	23,229	22,764	18	99 525	49 128,318	1 167 708,575	23,769	23,304
19	99 380	47 170,135	1 090 902,316	23,127	22,662	19	99 505	47 229,148	1 118 580,256	23,684	23,219
20	99 339	45 336,960	1 043 732,182	23,022	22,557	20	99 485	45 403,876	1 071 351,108	23,596	23,131
21	99 294	43 573,582	998 395,222	22,913	22,448	21	99 467	43 649,489	1 025 947,232	23,504	23,039
22	99 250	41 878,938	954 821,640	22,800	22,335	22	99 451	41 963,714	982 297,743	23,408	22,943
23	99 205	40 250,048	912 942,702	22,682	22,217	23	99 433	40 342,743	940 334,028	23,309	22,844
24	99 159	38 684,197	872 692,654	22,559	22,095	24	99 412	38 782,682	899 991,285	23,206	22,741
25	99 111	37 178,362	834 008,457	22,433	21,968	25	99 395	37 284,717	861 208,603	23,098	22,633
26	99 064	35 731,225	796 830,095	22,301	21,836	26	99 376	35 844,005	823 923,887	22,986	22,522
27	99 017	34 340,668	761 098,870	22,163	21,698	27	99 357	34 458,683	788 079,882	22,870	22,405
28	98 965	33 002,449	726 758,201	22,021	21,557	28	99 335	33 126,112	753 621,199	22,750	22,285
29	98 914	31 716,779	693 755,752	21,873	21,409	29	99 311	31 844,087	720 495,087	22,626	22,161
30	98 857	30 479,440	662 038,974	21,721	21,256	30	99 285	30 611,391	688 651,000	22,497	22,032
31	98 800	29 290,270	631 559,533	21,562	21,097	31	99 255	29 425,289	658 039,610	22,363	21,898
32	98 732	28 144,335	602 269,264	21,399	20,934	32	99 224	28 284,516	628 614,321	22,225	21,760
33	98 663	27 042,903	574 124,929	21,230	20,765	33	99 189	27 187,212	600 329,804	22,081	21,617
34	98 593	25 984,327	547 082,027	21,054	20,589	34	99 154	26 132,242	573 142,592	21,932	21,468
35	98 513	24 964,810	521 097,700	20,873	20,408	35	99 115	25 117,328	547 010,350	21,778	21,313
36	98 426	23 983,315	496 132,889	20,687	20,222	36	99 075	24 141,557	521 893,022	21,618	21,153
37	98 339	23 040,419	472 149,574	20,492	20,027	37	99 029	23 202,152	497 751,465	21,453	20,988
38	98 246	22 133,491	449 109,155	20,291	19,826	38	98 983	22 299,494	474 549,313	21,281	20,816
39	98 143	21 259,867	426 975,665	20,084	19,619	39	98 925	21 429,264	452 249,819	21,104	20,639
40	98 036	20 419,869	405 715,798	19,869	19,404	40	98 866	20 592,787	430 820,555	20,921	20,456
41	97 913	19 609,815	385 295,928	19,648	19,183	41	98 799	19 787,318	410 227,769	20,732	20,267
42	97 783	18 830,617	365 686,113	19,420	18,955	42	98 724	19 011,753	390 440,451	20,537	20,072
43	97 638	18 079,383	346 855,496	19,185	18,720	43	98 642	18 265,362	371 428,698	20,335	19,870
44	97 478	17 355,554	328 776,113	18,944	18,479	44	98 553	17 547,043	353 163,336	20,127	19,662
45	97 303	16 658,068	311 420,559	18,695	18,230	45	98 453	16 854,946	335 616,294	19,912	19,447
46	97 104	15 984,629	294 762,492	18,440	17,976	46	98 343	16 188,658	318 761,348	19,690	19,226
47	96 892	15 336,256	278 777,863	18,178	17,713	47	98 218	15 546,253	302 572,690	19,463	18,998
48	96 651	14 709,744	263 441,607	17,909	17,445	48	98 078	14 926,891	287 026,437	19,229	18,764
49	96 382	14 104,597	248 731,863	17,635	17,170	49	97 921	14 329,821	272 099,546	18,988	18,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	13 519,434	234 627,266	17,355	16,890	50	97 743	13 753,715	257 769,725	18,742	18,277
51	95 740	12 953,727	221 107,832	17,069	16,604	51	97 551	13 198,664	244 016,010	18,488	18,023
52	95 371	12 407,416	208 154,105	16,777	16,312	52	97 335	12 662,992	230 817,346	18,228	17,763
53	94 949	11 877,413	195 746,689	16,481	16,016	53	97 096	12 146,058	218 154,355	17,961	17,496
54	94 475	11 363,643	183 869,277	16,180	15,716	54	96 831	11 646,982	206 008,297	17,688	17,223
55	93 949	10 865,673	172 505,634	15,876	15,411	55	96 539	11 165,316	194 361,315	17,408	16,943
56	93 371	10 383,526	161 639,961	15,567	15,102	56	96 220	10 700,309	183 195,999	17,121	16,656
57	92 733	9 915,964	151 256,435	15,254	14,789	57	95 871	10 251,524	172 495,691	16,826	16,362
58	92 034	9 462,687	141 340,470	14,937	14,472	58	95 489	9 817,882	162 244,166	16,525	16,061
59	91 257	9 021,939	131 877,784	14,617	14,153	59	95 067	9 398,634	152 426,284	16,218	15,753
60	90 413	8 594,695	122 855,844	14,294	13,830	60	94 608	8 993,499	143 027,650	15,903	15,439
61	89 505	8 181,149	114 261,150	13,966	13,502	61	94 098	8 600,976	134 034,151	15,584	15,119
62	88 522	7 780,051	106 080,001	13,635	13,170	62	93 572	8 223,897	125 433,175	15,252	14,787
63	87 448	7 390,100	98 299,950	13,302	12,837	63	93 003	7 859,541	117 209,278	14,913	14,448
64	86 305	7 013,006	90 909,849	12,963	12,498	64	92 391	7 507,491	109 349,737	14,565	14,101
65	85 073	6 647,002	83 896,843	12,622	12,157	65	91 717	7 166,136	101 842,245	14,212	13,747
66	83 766	6 293,133	77 249,840	12,275	11,810	66	90 983	6 835,308	94 676,109	13,851	13,386
67	82 397	5 952,180	70 956,707	11,921	11,456	67	90 188	6 514,998	87 840,802	13,483	13,018
68	80 917	5 620,496	65 004,527	11,566	11,101	68	89 314	6 203,692	81 325,804	13,109	12,644
69	79 404	5 303,245	59 384,031	11,198	10,733	69	88 401	5 904,156	75 122,112	12,724	12,259
70	77 765	4 994,051	54 080,786	10,829	10,364	70	87 414	5 613,648	69 217,956	12,330	11,865
71	76 023	4 694,387	49 086,736	10,456	9,992	71	86 349	5 331,975	63 604,308	11,929	11,464
72	74 169	4 403,736	44 392,349	10,081	9,616	72	85 192	5 058,248	58 272,334	11,520	11,055
73	72 229	4 123,638	39 988,613	9,697	9,233	73	83 965	4 793,617	53 214,086	11,101	10,636
74	70 186	3 852,841	35 864,974	9,309	8,844	74	82 665	4 537,883	48 420,469	10,670	10,205
75	68 016	3 590,110	32 012,133	8,917	8,452	75	81 251	4 288,699	43 882,586	10,232	9,767
76	65 701	3 334,548	28 422,024	8,524	8,059	76	79 701	4 045,120	39 593,886	9,788	9,323
77	63 228	3 085,605	25 087,475	8,130	7,666	77	77 962	3 804,645	35 548,766	9,344	8,879
78	60 619	2 844,527	22 001,871	7,735	7,270	78	76 055	3 568,860	31 744,122	8,895	8,430
79	57 816	2 608,643	19 157,344	7,344	6,879	79	73 918	3 335,167	28 175,262	8,448	7,983
80	54 794	2 377,183	16 548,700	6,961	6,497	80	71 485	3 101,310	24 840,095	8,010	7,545
81	51 583	2 151,841	14 171,518	6,586	6,121	81	68 739	2 867,495	21 738,785	7,581	7,116
82	48 151	1 931,415	12 019,676	6,223	5,758	82	65 710	2 635,717	18 871,289	7,160	6,695
83	44 551	1 718,270	10 088,261	5,871	5,406	83	62 402	2 406,761	16 235,572	6,746	6,281
84	40 773	1 512,074	8 369,991	5,535	5,071	84	58 778	2 179,780	13 828,811	6,344	5,879
85	36 886	1 315,325	6 857,917	5,214	4,749	85	54 827	1 955,051	11 649,031	5,958	5,494
86	32 921	1 128,759	5 542,592	4,910	4,446	86	50 593	1 734,692	9 693,980	5,588	5,123
87	28 969	955,081	4 413,833	4,621	4,157	87	46 095	1 519,678	7 959,287	5,237	4,773
88	25 117	796,217	3 458,752	4,344	3,879	88	41 430	1 313,367	6 439,610	4,903	4,438
89	21 411	652,642	2 662,535	4,080	3,615	89	36 673	1 117,845	5 126,243	4,586	4,121
90	17 933	525,600	2 009,893	3,824	3,359	90	31 872	934,134	4 008,398	4,291	3,826
91	14 713	414,641	1 484,293	3,580	3,115	91	27 157	765,328	3 074,264	4,017	3,552
92	11 735	317,996	1 069,652	3,364	2,899	92	22 613	612,752	2 308,936	3,768	3,303
93	9 104	237,203	751,657	3,169	2,704	93	18 371	478,678	1 696,185	3,543	3,079
94	6 884	172,466	514,454	2,983	2,518	94	14 528	363,980	1 217,507	3,345	2,880
95	5 001	120,477	341,988	2,839	2,374	95	11 112	267,675	853,527	3,189	2,724
96	3 571	82,720	221,510	2,678	2,213	96	8 344	193,284	585,852	3,031	2,566
97	2 455	54,674	138,790	2,538	2,074	97	6 096	135,766	392,568	2,892	2,427
98	1 625	34,801	84,116	2,417	1,952	98	4 407	94,376	256,803	2,721	2,256
99	1 037	21,363	49,315	2,308	1,844	99	3 064	63,093	162,426	2,574	2,110
100	638	12,639	27,952	2,212	1,747	100	2 051	40,615	99,333	2,446	1,981

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 332 326,884	23,323	22,858	0	100 000	100 000,000	2 356 695,771	23,567	23,102
1	99 645	95 583,061	2 232 326,884	23,355	22,890	1	99 694	95 629,366	2 256 695,771	23,598	23,133
2	99 618	91 661,413	2 136 743,823	23,311	22,846	2	99 671	91 709,612	2 161 066,405	23,564	23,099
3	99 603	87 910,904	2 045 082,410	23,263	22,798	3	99 659	87 960,375	2 069 356,794	23,526	23,061
4	99 590	84 316,149	1 957 171,506	23,212	22,747	4	99 647	84 364,408	1 981 396,419	23,486	23,021
5	99 578	80 869,420	1 872 855,356	23,159	22,694	5	99 638	80 917,733	1 897 032,010	23,444	22,979
6	99 569	77 565,275	1 791 985,937	23,103	22,638	6	99 630	77 613,108	1 816 114,277	23,400	22,934
7	99 559	74 395,425	1 714 420,662	23,045	22,579	7	99 624	74 444,124	1 738 501,169	23,353	22,888
8	99 550	71 356,510	1 640 025,237	22,984	22,518	8	99 619	71 405,711	1 664 057,046	23,304	22,839
9	99 542	68 441,915	1 568 668,727	22,920	22,454	9	99 613	68 490,446	1 592 651,335	23,254	22,788
10	99 534	65 646,438	1 500 226,812	22,853	22,388	10	99 606	65 694,019	1 524 160,888	23,201	22,736
11	99 526	62 965,361	1 434 580,374	22,784	22,318	11	99 600	63 012,111	1 458 466,870	23,146	22,681
12	99 518	60 393,035	1 371 615,012	22,711	22,246	12	99 593	60 438,770	1 395 454,758	23,089	22,624
13	99 510	57 926,429	1 311 221,978	22,636	22,171	13	99 585	57 970,253	1 335 015,988	23,029	22,564
14	99 500	55 559,606	1 253 295,549	22,558	22,092	14	99 576	55 602,191	1 277 045,735	22,968	22,502
15	99 488	53 288,149	1 197 735,942	22,477	22,011	15	99 566	53 329,838	1 221 443,545	22,904	22,438
16	99 473	51 108,048	1 144 447,793	22,393	21,927	16	99 554	51 149,320	1 168 113,707	22,837	22,372
17	99 448	49 011,880	1 093 339,745	22,308	21,842	17	99 540	49 057,173	1 116 964,387	22,769	22,303
18	99 418	47 000,009	1 044 327,865	22,220	21,755	18	99 525	47 050,350	1 067 907,214	22,697	22,232
19	99 380	45 066,658	997 327,857	22,130	21,665	19	99 505	45 123,040	1 020 856,864	22,624	22,159
20	99 339	43 211,358	952 261,198	22,037	21,572	20	99 485	43 275,136	975 733,825	22,547	22,082
21	99 294	41 431,060	909 049,841	21,941	21,476	21	99 467	41 503,236	932 458,688	22,467	22,002
22	99 250	39 724,252	867 618,780	21,841	21,376	22	99 451	39 804,666	890 955,452	22,383	21,918
23	99 205	38 087,612	827 894,529	21,737	21,271	23	99 433	38 175,327	851 150,786	22,296	21,831
24	99 159	36 518,102	789 806,917	21,628	21,163	24	99 412	36 611,073	812 975,459	22,206	21,741
25	99 111	35 012,421	753 288,815	21,515	21,050	25	99 395	35 112,580	776 364,387	22,111	21,646
26	99 064	33 568,897	718 276,394	21,397	20,932	26	99 376	33 674,852	741 251,807	22,012	21,547
27	99 017	32 185,124	684 707,496	21,274	20,809	27	99 357	32 295,731	707 576,955	21,909	21,444
28	98 965	30 856,729	652 522,372	21,147	20,682	28	99 335	30 972,352	675 281,224	21,803	21,337
29	98 914	29 583,535	621 665,643	21,014	20,549	29	99 311	29 702,280	644 308,873	21,692	21,227
30	98 857	28 361,243	592 082,108	20,876	20,411	30	99 285	28 484,023	614 606,592	21,577	21,112
31	98 800	27 189,356	563 720,866	20,733	20,268	31	99 255	27 314,691	586 122,569	21,458	20,993
32	98 732	26 062,964	536 531,510	20,586	20,121	32	99 224	26 192,779	558 807,879	21,334	20,869
33	98 663	24 982,932	510 468,546	20,433	19,967	33	99 189	25 116,248	532 615,100	21,206	20,741
34	98 593	23 947,426	485 485,614	20,273	19,808	34	99 154	24 083,747	507 498,851	21,072	20,607
35	98 513	22 952,654	461 538,188	20,108	19,643	35	99 115	23 092,880	483 415,105	20,934	20,468
36	98 426	21 997,389	438 585,533	19,938	19,473	36	99 075	22 142,528	460 322,225	20,789	20,324
37	98 339	21 081,891	416 588,144	19,760	19,295	37	99 029	21 229,876	438 179,698	20,640	20,175
38	98 246	20 203,489	395 506,253	19,576	19,111	38	98 983	20 355,018	416 949,821	20,484	20,019
39	98 143	19 359,507	375 302,764	19,386	18,921	39	98 925	19 513,762	396 594,803	20,324	19,859
40	98 036	18 550,003	355 943,257	19,188	18,723	40	98 866	18 707,086	377 081,042	20,157	19,692
41	97 913	17 771,406	337 393,254	18,985	18,520	41	98 799	17 932,268	358 373,956	19,985	19,520
42	97 783	17 024,334	319 621,847	18,774	18,309	42	98 724	17 188,094	340 441,687	19,807	19,342
43	97 638	16 305,964	302 597,513	18,557	18,092	43	98 642	16 473,699	323 253,593	19,622	19,157
44	97 478	15 615,597	286 291,550	18,334	17,868	44	98 553	15 787,889	306 779,893	19,431	18,966
45	97 303	14 952,094	270 675,952	18,103	17,638	45	98 453	15 128,810	290 992,005	19,234	18,769
46	97 104	14 313,216	255 723,858	17,866	17,401	46	98 343	14 495,911	275 863,194	19,030	18,565
47	96 892	13 699,708	241 410,642	17,622	17,156	47	98 218	13 887,295	261 367,283	18,821	18,355
48	96 651	13 108,541	227 710,934	17,371	16,906	48	98 078	13 302,050	247 479,988	18,605	18,139
49	96 382	12 539,123	214 602,393	17,115	16,649	49	97 921	12 739,350	234 177,937	18,382	17,917

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	11 990,086	202 063,270	16,853	16,387	50	97 743	12 197,864	221 438,587	18,154	17,689
51	95 740	11 460,823	190 073,184	16,585	16,119	51	97 551	11 677,531	209 240,723	17,918	17,453
52	95 371	10 951,149	178 612,361	16,310	15,845	52	97 335	11 176,727	197 563,192	17,676	17,211
53	94 949	10 458,212	167 661,213	16,032	15,566	53	97 096	10 694,758	186 386,464	17,428	16,963
54	94 475	9 981,836	157 203,000	15,749	15,284	54	96 831	10 230,722	175 691,706	17,173	16,708
55	93 949	9 521,531	147 221,164	15,462	14,997	55	96 539	9 784,107	165 460,984	16,911	16,446
56	93 371	9 077,208	137 699,633	15,170	14,705	56	96 220	9 354,137	155 676,878	16,643	16,177
57	92 733	8 647,681	128 622,424	14,874	14,408	57	95 871	8 940,322	146 322,741	16,367	15,901
58	92 034	8 232,589	119 974,743	14,573	14,108	58	95 489	8 541,611	137 382,419	16,084	15,619
59	91 257	7 830,314	111 742,154	14,270	13,805	59	95 067	8 157,255	128 840,807	15,795	15,329
60	90 413	7 441,612	103 911,840	13,964	13,498	60	94 608	7 786,911	120 683,553	15,498	15,033
61	89 505	7 066,561	96 470,229	13,652	13,186	61	94 098	7 429,191	112 896,641	15,196	14,731
62	88 522	6 703,993	89 403,667	13,336	12,871	62	93 572	7 086,450	105 467,450	14,883	14,418
63	87 448	6 352,705	82 699,675	13,018	12,553	63	93 003	6 756,248	98 381,000	14,561	14,096
64	86 305	6 014,089	76 346,969	12,695	12,229	64	92 391	6 438,141	91 624,752	14,232	13,766
65	85 073	5 686,549	70 332,880	12,368	11,903	65	91 717	6 130,670	85 186,611	13,895	13,430
66	83 766	5 370,901	64 646,331	12,036	11,571	66	90 983	5 833,622	79 055,941	13,552	13,087
67	82 397	5 067,731	59 275,431	11,697	11,231	67	90 188	5 546,918	73 222,319	13,201	12,735
68	80 917	4 773,857	54 207,700	11,355	10,890	68	89 314	5 269,203	67 675,401	12,844	12,378
69	79 404	4 493,593	49 433,844	11,001	10,536	69	88 401	5 002,762	62 406,198	12,474	12,009
70	77 765	4 221,456	44 940,251	10,646	10,180	70	87 414	4 745,199	57 403,436	12,097	11,632
71	76 023	3 958,635	40 718,795	10,286	9,821	71	86 349	4 496,293	52 658,237	11,711	11,246
72	74 169	3 704,633	36 760,160	9,923	9,458	72	85 192	4 255,239	48 161,943	11,318	10,853
73	72 229	3 460,682	33 055,528	9,552	9,087	73	83 965	4 022,948	43 906,704	10,914	10,449
74	70 186	3 225,667	29 594,846	9,175	8,710	74	82 665	3 799,196	39 883,756	10,498	10,033
75	68 016	2 998,496	26 369,179	8,794	8,329	75	81 251	3 581,965	36 084,560	10,074	9,609
76	65 701	2 778,369	23 370,684	8,412	7,946	76	79 701	3 370,422	32 502,595	9,643	9,178
77	63 228	2 564,782	20 592,314	8,029	7,564	77	77 962	3 162,455	29 132,173	9,212	8,747
78	60 619	2 358,726	18 027,532	7,643	7,178	78	76 055	2 959,354	25 969,718	8,775	8,310
79	57 816	2 157,941	15 668,806	7,261	6,796	79	73 918	2 758,941	23 010,363	8,340	7,875
80	54 794	1 961,754	13 510,865	6,887	6,422	80	71 485	2 559,336	20 251,423	7,913	7,448
81	51 583	1 771,534	11 549,111	6,519	6,054	81	68 739	2 360,707	17 692,087	7,494	7,029
82	48 151	1 586,252	9 777,577	6,164	5,699	82	65 710	2 164,689	15 331,380	7,082	6,617
83	44 551	1 407,814	8 191,324	5,818	5,353	83	62 402	1 971,909	13 166,692	6,677	6,212
84	40 773	1 235,902	6 783,510	5,489	5,023	84	58 778	1 781,656	11 194,783	6,283	5,818
85	36 886	1 072,511	5 547,608	5,173	4,707	85	54 827	1 594,141	9 413,127	5,905	5,440
86	32 921	918,178	4 475,097	4,874	4,409	86	50 593	1 411,068	7 818,986	5,541	5,076
87	28 969	775,038	3 556,919	4,589	4,124	87	46 095	1 233,203	6 407,918	5,196	4,731
88	25 117	644,572	2 781,881	4,316	3,851	88	41 430	1 063,228	5 174,715	4,867	4,402
89	21 411	527,075	2 137,309	4,055	3,590	89	36 673	902,774	4 111,488	4,554	4,089
90	17 933	423,458	1 610,234	3,803	3,337	90	31 872	752,599	3 208,713	4,264	3,798
91	14 713	333,261	1 186,775	3,561	3,096	91	27 157	615,120	2 456,114	3,993	3,528
92	11 735	254,971	853,515	3,347	2,882	92	22 613	491,308	1 840,994	3,747	3,282
93	9 104	189,735	598,544	3,155	2,689	93	18 371	382,886	1 349,686	3,525	3,060
94	6 884	137,622	408,809	2,971	2,505	94	14 528	290,443	966,800	3,329	2,863
95	5 001	95,906	271,188	2,828	2,362	95	11 112	213,083	676,356	3,174	2,709
96	3 571	65,692	175,281	2,668	2,203	96	8 344	153,495	463,273	3,018	2,553
97	2 455	43,315	109,590	2,530	2,065	97	6 096	107,559	309,779	2,880	2,415
98	1 625	27,505	66,275	2,410	1,944	98	4 407	74,589	202,220	2,711	2,246
99	1 037	16,844	38,770	2,302	1,837	99	3 064	49,745	127,631	2,566	2,100
100	638	9,941	21,926	2,206	1,740	100	2 051	31,945	77,885	2,438	1,973

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 223 747,622	22,237	21,772	0	100 000	100 000,000	2 244 616,045	22,446	21,981
1	99 645	95 354,393	2 123 747,622	22,272	21,807	1	99 694	95 400,588	2 144 616,045	22,480	22,014
2	99 618	91 223,367	2 028 393,229	22,235	21,770	2	99 671	91 271,335	2 049 215,458	22,452	21,986
3	99 603	87 281,473	1 937 169,862	22,195	21,729	3	99 659	87 330,590	1 957 944,123	22,420	21,954
4	99 590	83 512,187	1 849 888,389	22,151	21,686	4	99 647	83 559,986	1 870 613,534	22,386	21,921
5	99 578	79 906,700	1 766 376,202	22,105	21,640	5	99 638	79 954,438	1 787 053,548	22,351	21,885
6	99 569	76 458,535	1 686 469,503	22,057	21,592	6	99 630	76 505,686	1 707 099,110	22,313	21,848
7	99 559	73 158,475	1 610 010,968	22,007	21,542	7	99 624	73 206,363	1 630 593,424	22,274	21,808
8	99 550	70 002,215	1 536 852,493	21,954	21,489	8	99 619	70 050,483	1 557 387,061	22,232	21,767
9	99 542	66 982,309	1 466 850,277	21,899	21,433	9	99 613	67 029,805	1 487 336,578	22,189	21,724
10	99 534	64 092,749	1 399 867,968	21,841	21,376	10	99 606	64 139,203	1 420 306,773	22,144	21,679
11	99 526	61 328,057	1 335 775,220	21,781	21,315	11	99 600	61 373,591	1 356 167,569	22,097	21,631
12	99 518	58 681,895	1 274 447,163	21,718	21,252	12	99 593	58 726,335	1 294 793,978	22,048	21,582
13	99 510	56 150,523	1 215 765,267	21,652	21,186	13	99 585	56 193,004	1 236 067,643	21,997	21,531
14	99 500	53 727,420	1 159 614,744	21,583	21,118	14	99 576	53 768,600	1 179 874,640	21,944	21,478
15	99 488	51 407,589	1 105 887,324	21,512	21,047	15	99 566	51 447,806	1 126 106,040	21,888	21,423
16	99 473	49 186,471	1 054 479,735	21,438	20,973	16	99 554	49 226,191	1 074 658,234	21,831	21,365
17	99 448	47 056,270	1 005 293,264	21,364	20,898	17	99 540	47 099,756	1 025 432,042	21,771	21,306
18	99 418	45 016,721	958 236,994	21,286	20,821	18	99 525	45 064,938	978 332,286	21,709	21,244
19	99 380	43 061,688	913 220,273	21,207	20,742	19	99 505	43 115,561	933 267,348	21,646	21,180
20	99 339	41 190,150	870 158,585	21,125	20,660	20	99 485	41 250,946	890 151,787	21,579	21,113
21	99 294	39 398,645	828 968,435	21,041	20,575	21	99 467	39 467,280	848 900,842	21,509	21,043
22	99 250	37 685,192	789 569,790	20,952	20,486	22	99 451	37 761,479	809 433,562	21,435	20,970
23	99 205	36 046,120	751 884,598	20,859	20,393	23	99 433	36 129,134	771 672,083	21,359	20,893
24	99 159	34 478,055	715 838,478	20,762	20,297	24	99 412	34 565,832	735 542,949	21,279	20,814
25	99 111	32 977,405	681 360,423	20,661	20,196	25	99 395	33 071,742	700 977,118	21,196	20,730
26	99 064	31 542,142	648 383,018	20,556	20,090	26	99 376	31 641,699	667 905,376	21,108	20,643
27	99 017	30 169,566	616 840,877	20,446	19,980	27	99 357	30 273,246	636 263,677	21,017	20,552
28	98 965	28 855,163	586 671,311	20,332	19,866	28	99 335	28 963,286	605 990,431	20,923	20,457
29	98 914	27 598,374	557 816,147	20,212	19,746	29	99 311	27 709,151	577 027,145	20,824	20,359
30	98 857	26 394,805	530 217,774	20,088	19,622	30	99 285	26 509,072	549 317,994	20,722	20,256
31	98 800	25 243,635	503 822,969	19,958	19,493	31	99 255	25 360,000	522 808,922	20,615	20,150
32	98 732	24 139,960	478 579,335	19,825	19,360	32	99 224	24 260,197	497 448,922	20,505	20,039
33	98 663	23 084,258	454 439,375	19,686	19,221	33	99 189	23 207,443	473 188,725	20,390	19,924
34	98 593	22 074,513	431 355,117	19,541	19,075	34	99 154	22 200,172	449 981,282	20,269	19,804
35	98 513	21 106,926	409 280,604	19,391	18,925	35	99 115	21 235,875	427 781,110	20,144	19,679
36	98 426	20 180,084	388 173,678	19,235	18,770	36	99 075	20 313,232	406 545,236	20,014	19,548
37	98 339	19 293,951	367 993,594	19,073	18,607	37	99 029	19 429,386	386 232,004	19,879	19,413
38	98 246	18 445,812	348 699,643	18,904	18,438	38	98 983	18 584,157	366 802,618	19,737	19,272
39	98 143	17 632,969	330 253,831	18,729	18,264	39	98 925	17 773,467	348 218,461	19,592	19,126
40	98 036	16 855,239	312 620,862	18,547	18,082	40	98 866	16 997,971	330 444,994	19,440	18,975
41	97 913	16 109,145	295 765,623	18,360	17,894	41	98 799	16 254,961	313 447,023	19,283	18,818
42	97 783	15 395,032	279 656,477	18,165	17,700	42	98 724	15 543,120	297 192,062	19,120	18,655
43	97 638	14 710,137	264 261,445	17,965	17,499	43	98 642	14 861,457	281 648,942	18,952	18,486
44	97 478	14 053,633	249 551,308	17,757	17,291	44	98 553	14 208,691	266 787,485	18,776	18,311
45	97 303	13 424,305	235 497,675	17,543	17,077	45	98 453	13 582,965	252 578,794	18,595	18,130
46	97 104	12 819,964	222 073,370	17,322	16,857	46	98 343	12 983,599	238 995,829	18,408	17,942
47	96 892	12 241,105	209 253,406	17,094	16,629	47	98 218	12 408,721	226 012,230	18,214	17,748
48	96 651	11 684,859	197 012,300	16,860	16,395	48	98 078	11 857,352	213 603,509	18,014	17,549
49	96 382	11 150,544	185 327,441	16,620	16,155	49	97 921	11 328,598	201 746,158	17,809	17,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	10 636,799	174 176,897	16,375	15,909	50	97 743	10 821,126	190 417,560	17,597	17,131
51	95 740	10 142,949	163 540,098	16,124	15,658	51	97 551	10 334,738	179 596,434	17,378	16,912
52	95 371	9 668,696	153 397,150	15,865	15,400	52	97 335	9 867,857	169 261,696	17,153	16,687
53	94 949	9 211,396	143 728,454	15,603	15,138	53	97 096	9 419,740	159 393,838	16,921	16,456
54	94 475	8 770,780	134 517,058	15,337	14,871	54	96 831	8 989,469	149 974,098	16,683	16,218
55	93 949	8 346,306	125 746,279	15,066	14,600	55	96 539	8 576,473	140 984,629	16,439	15,973
56	93 371	7 937,790	117 399,973	14,790	14,324	56	96 220	8 179,957	132 408,156	16,187	15,721
57	92 733	7 544,088	109 462,182	14,510	14,044	57	95 871	7 799,383	124 228,199	15,928	15,462
58	92 034	7 164,787	101 918,095	14,225	13,759	58	95 489	7 433,728	116 428,816	15,662	15,197
59	91 257	6 798,385	94 753,308	13,938	13,472	59	95 067	7 082,240	108 995,089	15,390	14,924
60	90 413	6 445,452	87 954,922	13,646	13,180	60	94 608	6 744,529	101 912,849	15,110	14,645
61	89 505	6 105,965	81 509,470	13,349	12,884	61	94 098	6 419,301	95 168,320	14,825	14,360
62	88 522	5 778,824	75 403,505	13,048	12,583	62	93 572	6 108,501	88 749,019	14,529	14,063
63	87 448	5 462,915	69 624,681	12,745	12,279	63	93 003	5 809,935	82 640,518	14,224	13,758
64	86 305	5 159,354	64 161,766	12,436	11,970	64	92 391	5 523,139	76 830,583	13,911	13,445
65	85 073	4 866,694	59 002,412	12,124	11,658	65	91 717	5 246,784	71 307,444	13,591	13,125
66	83 766	4 585,557	54 135,718	11,806	11,340	66	90 983	4 980,619	66 060,660	13,264	12,798
67	82 397	4 316,367	49 550,161	11,480	11,014	67	90 188	4 724,508	61 080,041	12,928	12,463
68	80 917	4 056,336	45 233,794	11,151	10,686	68	89 314	4 477,231	56 355,533	12,587	12,122
69	79 404	3 809,062	41 177,458	10,810	10,345	69	88 401	4 240,667	51 878,302	12,234	11,768
70	77 765	3 569,820	37 368,396	10,468	10,002	70	87 414	4 012,717	47 637,635	11,872	11,406
71	76 023	3 339,561	33 798,576	10,121	9,655	71	86 349	3 793,137	43 624,917	11,501	11,035
72	74 169	3 117,804	30 459,015	9,769	9,304	72	85 192	3 581,192	39 831,780	11,122	10,657
73	72 229	2 905,528	27 341,211	9,410	8,944	73	83 965	3 377,598	36 250,588	10,733	10,267
74	70 186	2 701,735	24 435,682	9,044	8,579	74	82 665	3 182,108	32 872,991	10,331	9,865
75	68 016	2 505,454	21 733,948	8,675	8,209	75	81 251	2 992,983	29 690,882	9,920	9,455
76	65 701	2 315,969	19 228,494	8,303	7,837	76	79 701	2 809,487	26 697,899	9,503	9,037
77	63 228	2 132,814	16 912,525	7,930	7,464	77	77 962	2 629,825	23 888,412	9,084	8,618
78	60 619	1 956,770	14 779,711	7,553	7,088	78	76 055	2 455,044	21 258,587	8,659	8,194
79	57 816	1 785,918	12 822,940	7,180	6,714	79	73 918	2 283,308	18 803,543	8,235	7,770
80	54 794	1 619,670	11 037,022	6,814	6,349	80	71 485	2 113,047	16 520,235	7,818	7,353
81	51 583	1 459,121	9 417,352	6,454	5,989	81	68 739	1 944,391	14 407,188	7,410	6,944
82	48 151	1 303,388	7 958,232	6,106	5,640	82	65 710	1 778,676	12 462,797	7,007	6,541
83	44 551	1 154,002	6 654,844	5,767	5,301	83	62 402	1 616,397	10 684,121	6,610	6,144
84	40 773	1 010,660	5 500,842	5,443	4,977	84	58 778	1 456,951	9 067,724	6,224	5,758
85	36 886	874,948	4 490,182	5,132	4,666	85	54 827	1 300,491	7 610,773	5,852	5,387
86	32 921	747,252	3 615,234	4,838	4,372	86	50 593	1 148,388	6 310,282	5,495	5,029
87	28 969	629,250	2 867,981	4,558	4,092	87	46 095	1 001,232	5 161,895	5,156	4,690
88	25 117	522,073	2 238,731	4,288	3,823	88	41 430	861,165	4 160,663	4,831	4,366
89	21 411	425,885	1 716,658	4,031	3,565	89	36 673	729,456	3 299,498	4,523	4,058
90	17 933	341,342	1 290,773	3,781	3,316	90	31 872	606,657	2 570,042	4,236	3,771
91	14 713	267,993	949,430	3,543	3,077	91	27 157	494,651	1 963,384	3,969	3,504
92	11 735	204,545	681,437	3,331	2,866	92	22 613	394,142	1 468,733	3,726	3,261
93	9 104	151,847	476,892	3,141	2,675	93	18 371	306,428	1 074,591	3,507	3,041
94	6 884	109,877	325,045	2,958	2,493	94	14 528	231,889	768,163	3,313	2,847
95	5 001	76,388	215,168	2,817	2,351	95	11 112	169,718	536,274	3,160	2,694
96	3 571	52,197	138,780	2,659	2,193	96	8 344	121,964	366,556	3,005	2,540
97	2 455	34,335	86,583	2,522	2,056	97	6 096	85,260	244,592	2,869	2,403
98	1 625	21,750	52,248	2,402	1,937	98	4 407	58,984	159,332	2,701	2,236
99	1 037	13,288	30,498	2,295	1,830	99	3 064	39,244	100,349	2,557	2,091
100	638	7,824	17,210	2,200	1,734	100	2 051	25,141	61,105	2,430	1,965

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 124 249,757	21,242	20,776	0	100 000	100 000,000	2 142 172,745	21,422	20,956
1	99 645	95 126,817	2 024 249,757	21,279	20,813	1	99 694	95 172,901	2 042 172,745	21,458	20,991
2	99 618	90 788,453	1 929 122,940	21,249	20,783	2	99 671	90 836,192	1 946 999,844	21,434	20,968
3	99 603	86 658,036	1 838 334,487	21,214	20,748	3	99 659	86 706,802	1 856 163,652	21,407	20,941
4	99 590	82 717,784	1 751 676,452	21,177	20,711	4	99 647	82 765,128	1 769 456,850	21,379	20,913
5	99 578	78 957,700	1 668 958,668	21,137	20,671	5	99 638	79 004,871	1 686 691,722	21,349	20,883
6	99 569	75 370,176	1 590 000,968	21,096	20,630	6	99 630	75 416,655	1 607 686,851	21,317	20,851
7	99 559	71 944,973	1 514 630,792	21,053	20,587	7	99 624	71 992,067	1 532 270,196	21,284	20,818
8	99 550	68 676,769	1 442 685,819	21,007	20,541	8	99 619	68 724,123	1 460 278,128	21,248	20,782
9	99 542	65 557,207	1 374 009,050	20,959	20,493	9	99 613	65 603,692	1 391 554,006	21,212	20,746
10	99 534	62 579,413	1 308 451,843	20,909	20,443	10	99 606	62 624,771	1 325 950,313	21,173	20,707
11	99 526	59 737,089	1 245 872,430	20,856	20,390	11	99 600	59 781,442	1 263 325,542	21,132	20,666
12	99 518	57 023,154	1 186 135,341	20,801	20,335	12	99 593	57 066,338	1 203 544,101	21,090	20,624
13	99 510	54 433,113	1 129 112,187	20,743	20,277	13	99 585	54 474,294	1 146 477,763	21,046	20,580
14	99 500	51 959,816	1 074 679,074	20,683	20,217	14	99 576	51 999,642	1 092 003,469	21,000	20,534
15	99 488	49 597,652	1 022 719,258	20,620	20,154	15	99 566	49 636,453	1 040 003,827	20,952	20,486
16	99 473	47 341,477	973 121,606	20,555	20,089	16	99 554	47 379,708	990 367,374	20,903	20,437
17	99 448	45 183,087	925 780,128	20,490	20,024	17	99 540	45 224,842	942 987,666	20,851	20,385
18	99 418	43 121,565	880 597,041	20,421	19,955	18	99 525	43 167,752	897 762,824	20,797	20,331
19	99 380	41 150,391	837 475,476	20,352	19,886	19	99 505	41 201,873	854 595,072	20,742	20,276
20	99 339	39 267,979	796 325,085	20,279	19,813	20	99 485	39 325,938	813 393,199	20,683	20,217
21	99 294	37 470,434	757 057,106	20,204	19,738	21	99 467	37 535,709	774 067,262	20,622	20,156
22	99 250	35 755,300	719 586,672	20,125	19,659	22	99 451	35 827,680	736 531,552	20,558	20,092
23	99 205	34 118,543	683 831,372	20,043	19,577	23	99 433	34 197,117	700 703,872	20,490	20,024
24	99 159	32 556,444	649 712,829	19,957	19,490	24	99 412	32 639,329	666 506,754	20,420	19,954
25	99 111	31 065,114	617 156,385	19,867	19,401	25	99 395	31 153,980	633 867,425	20,346	19,880
26	99 064	29 642,164	586 091,271	19,772	19,306	26	99 376	29 735,724	602 713,445	20,269	19,803
27	99 017	28 284,601	556 449,107	19,673	19,207	27	99 357	28 381,803	572 977,721	20,188	19,722
28	98 965	26 987,756	528 164,506	19,571	19,105	28	99 335	27 088,882	544 595,918	20,104	19,638
29	98 914	25 750,697	501 176,750	19,463	18,997	29	99 311	25 854,058	517 507,036	20,016	19,550
30	98 857	24 568,928	475 426,052	19,351	18,885	30	99 285	24 675,291	491 652,978	19,925	19,459
31	98 800	23 441,312	450 857,124	19,233	18,767	31	99 255	23 549,369	466 977,687	19,830	19,364
32	98 732	22 362,936	427 415,813	19,113	18,647	32	99 224	22 474,322	443 428,317	19,730	19,264
33	98 663	21 333,910	405 052,876	18,986	18,520	33	99 189	21 447,754	420 953,995	19,627	19,161
34	98 593	20 352,040	383 718,966	18,854	18,388	34	99 154	20 467,893	399 506,241	19,519	19,053
35	98 513	19 413,509	363 366,927	18,717	18,251	35	99 115	19 532,112	379 038,348	19,406	18,940
36	98 426	18 516,730	343 953,418	18,575	18,109	36	99 075	18 638,903	359 506,236	19,288	18,822
37	98 339	17 661,385	325 436,688	18,426	17,960	37	99 029	17 785,360	340 867,333	19,166	18,700
38	98 246	16 844,712	307 775,303	18,271	17,805	38	98 983	16 971,050	323 081,973	19,037	18,571
39	98 143	16 063,994	290 930,591	18,111	17,645	39	98 925	16 191,991	306 110,924	18,905	18,439
40	98 036	15 318,818	274 866,596	17,943	17,477	40	98 866	15 448,539	289 918,933	18,767	18,301
41	97 913	14 605,792	259 547,778	17,770	17,304	41	98 799	14 738,000	274 470,393	18,623	18,157
42	97 783	13 925,009	244 941,986	17,590	17,124	42	98 724	14 058,956	259 732,394	18,475	18,009
43	97 638	13 273,756	231 016,978	17,404	16,938	43	98 642	13 410,301	245 673,438	18,320	17,854
44	97 478	12 651,092	217 743,221	17,211	16,745	44	98 553	12 790,675	232 263,137	18,159	17,693
45	97 303	12 055,729	205 092,129	17,012	16,546	45	98 453	12 198,213	219 472,462	17,992	17,526
46	97 104	11 485,521	193 036,400	16,807	16,341	46	98 343	11 632,123	207 274,249	17,819	17,353
47	96 892	10 940,743	181 550,879	16,594	16,128	47	98 218	11 090,552	195 642,126	17,640	17,174
48	96 651	10 418,660	170 610,137	16,375	15,909	48	98 078	10 572,462	184 551,573	17,456	16,990
49	96 382	9 918,517	160 191,476	16,151	15,685	49	97 921	10 076,898	173 979,111	17,265	16,799

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 4,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	9 438,954	150 272,959	15,921	15,455	50	97 743	9 602,524	163 902,214	17,069	16,603
51	95 740	8 979,237	140 834,005	15,684	15,218	51	97 551	9 149,022	154 299,690	16,865	16,399
52	95 371	8 538,967	131 854,768	15,442	14,976	52	97 335	8 714,858	145 150,668	16,656	16,190
53	94 949	8 115,684	123 315,801	15,195	14,729	53	97 096	8 299,246	136 435,810	16,440	15,974
54	94 475	7 709,038	115 200,116	14,944	14,478	54	96 831	7 901,254	128 136,564	16,217	15,751
55	93 949	7 318,441	107 491,078	14,688	14,222	55	96 539	7 520,261	120 235,310	15,988	15,522
56	93 371	6 943,623	100 172,638	14,427	13,961	56	96 220	7 155,460	112 715,048	15,752	15,286
57	92 733	6 583,480	93 229,015	14,161	13,695	57	95 871	6 806,267	105 559,589	15,509	15,043
58	92 034	6 237,554	86 645,536	13,891	13,425	58	95 489	6 471,689	98 753,322	15,259	14,793
59	91 257	5 904,445	80 407,982	13,618	13,152	59	95 067	6 150,974	92 281,633	15,003	14,537
60	90 413	5 584,559	74 503,537	13,341	12,875	60	94 608	5 843,690	86 130,658	14,739	14,273
61	89 505	5 277,790	68 918,978	13,058	12,592	61	94 098	5 548,627	80 286,969	14,470	14,004
62	88 522	4 983,099	63 641,188	12,771	12,305	62	93 572	5 267,381	74 738,342	14,189	13,723
63	87 448	4 699,447	58 658,089	12,482	12,016	63	93 003	4 997,969	69 470,961	13,900	13,434
64	86 305	4 427,718	53 958,642	12,187	11,721	64	92 391	4 739,915	64 472,992	13,602	13,136
65	85 073	4 166,591	49 530,925	11,888	11,422	65	91 717	4 492,003	59 733,077	13,298	12,832
66	83 766	3 916,528	45 364,334	11,583	11,117	66	90 983	4 253,950	55 241,074	12,986	12,520
67	82 397	3 677,813	41 447,806	11,270	10,804	67	90 188	4 025,575	50 987,124	12,666	12,200
68	80 917	3 448,002	37 769,993	10,954	10,488	68	89 314	3 805,775	46 961,549	12,340	11,874
69	79 404	3 230,085	34 321,991	10,626	10,160	69	88 401	3 596,086	43 155,774	12,001	11,535
70	77 765	3 019,983	31 091,906	10,295	9,829	70	87 414	3 394,663	39 559,688	11,653	11,187
71	76 023	2 818,446	28 071,923	9,960	9,494	71	86 349	3 201,245	36 165,025	11,297	10,831
72	74 169	2 625,013	25 253,477	9,620	9,154	72	85 192	3 015,159	32 963,780	10,933	10,467
73	72 229	2 440,451	22 628,464	9,272	8,806	73	83 965	2 836,957	29 948,621	10,557	10,091
74	70 186	2 263,862	20 188,014	8,918	8,452	74	82 665	2 666,380	27 111,664	10,168	9,702
75	68 016	2 094,382	17 924,152	8,558	8,092	75	81 251	2 501,922	24 445,283	9,771	9,305
76	65 701	1 931,365	15 829,770	8,196	7,730	76	79 701	2 342,927	21 943,362	9,366	8,900
77	63 228	1 774,381	13 898,405	7,833	7,367	77	77 962	2 187,866	19 600,435	8,959	8,493
78	60 619	1 624,037	12 124,024	7,465	6,999	78	76 055	2 037,584	17 412,568	8,546	8,080
79	57 816	1 478,700	10 499,986	7,101	6,635	79	73 918	1 890,527	15 374,985	8,133	7,667
80	54 794	1 337,849	9 021,287	6,743	6,277	80	71 485	1 745,379	13 484,457	7,726	7,260
81	51 583	1 202,359	7 683,437	6,390	5,924	81	68 739	1 602,237	11 739,078	7,327	6,861
82	48 151	1 071,467	6 481,078	6,049	5,583	82	65 710	1 462,184	10 136,842	6,933	6,467
83	44 551	946,398	5 409,611	5,716	5,250	83	62 402	1 325,609	8 674,658	6,544	6,078
84	40 773	826,865	4 463,213	5,398	4,932	84	58 778	1 191,995	7 349,048	6,165	5,699
85	36 886	714,125	3 636,347	5,092	4,626	85	54 827	1 061,449	6 157,053	5,801	5,335
86	32 921	608,445	2 922,222	4,803	4,337	86	50 593	935,067	5 095,604	5,449	4,983
87	28 969	511,140	2 313,777	4,527	4,061	87	46 095	813,301	4 160,536	5,116	4,650
88	25 117	423,068	1 802,637	4,261	3,795	88	41 430	697,855	3 347,236	4,796	4,330
89	21 411	344,297	1 379,569	4,007	3,541	89	36 673	589,712	2 649,381	4,493	4,027
90	17 933	275,292	1 035,271	3,761	3,295	90	31 872	489,268	2 059,669	4,210	3,744
91	14 713	215,620	759,980	3,525	3,059	91	27 157	397,983	1 570,401	3,946	3,480
92	11 735	164,179	544,360	3,316	2,850	92	22 613	316,359	1 172,418	3,706	3,240
93	9 104	121,589	380,181	3,127	2,661	93	18 371	245,369	856,058	3,489	3,023
94	6 884	87,773	258,591	2,946	2,480	94	14 528	185,239	610,690	3,297	2,831
95	5 001	60,875	170,819	2,806	2,340	95	11 112	135,251	425,451	3,146	2,680
96	3 571	41,498	109,944	2,649	2,183	96	8 344	96,964	290,199	2,993	2,527
97	2 455	27,232	68,446	2,513	2,047	97	6 096	67,621	193,236	2,858	2,392
98	1 625	17,209	41,214	2,395	1,929	98	4 407	46,670	125,614	2,692	2,226
99	1 037	10,489	24,005	2,289	1,823	99	3 064	30,977	78,945	2,549	2,083
100	638	6,161	13,516	2,194	1,728	100	2 051	19,798	47,968	2,423	1,957

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	2 032 848,032	20,328	19,862	0	100 000	100 000,000	2 048 287,739	20,483	20,016
1	99 645	94 900,325	1 932 848,032	20,367	19,901	1	99 694	94 946,299	1 948 287,739	20,520	20,053
2	99 618	90 356,641	1 837 947,707	20,341	19,875	2	99 671	90 404,153	1 853 341,440	20,501	20,034
3	99 603	86 040,522	1 747 591,066	20,311	19,845	3	99 659	86 088,941	1 762 937,287	20,478	20,012
4	99 590	81 932,805	1 661 550,543	20,279	19,813	4	99 647	81 979,700	1 676 848,345	20,454	19,988
5	99 578	78 022,192	1 579 617,739	20,246	19,779	5	99 638	78 068,805	1 594 868,646	20,429	19,963
6	99 569	74 299,848	1 501 595,546	20,210	19,744	6	99 630	74 345,667	1 516 799,841	20,402	19,936
7	99 559	70 754,421	1 427 295,699	20,173	19,706	7	99 624	70 800,736	1 442 454,174	20,373	19,907
8	99 550	67 379,489	1 356 541,278	20,133	19,666	8	99 619	67 425,949	1 371 653,438	20,343	19,877
9	99 542	64 165,715	1 289 161,788	20,091	19,625	9	99 613	64 211,213	1 304 227,489	20,312	19,845
10	99 534	61 105,290	1 224 996,073	20,047	19,581	10	99 606	61 149,580	1 240 016,276	20,278	19,812
11	99 526	58 191,039	1 163 890,783	20,001	19,535	11	99 600	58 234,244	1 178 866,696	20,244	19,777
12	99 518	55 415,088	1 105 699,744	19,953	19,487	12	99 593	55 457,054	1 120 632,452	20,207	19,741
13	99 510	52 772,139	1 050 284,656	19,902	19,436	13	99 585	52 812,063	1 065 175,399	20,169	19,703
14	99 500	50 254,373	997 512,517	19,849	19,383	14	99 576	50 292,892	1 012 363,335	20,129	19,663
15	99 488	47 855,527	947 258,144	19,794	19,328	15	99 566	47 892,966	962 070,444	20,088	19,622
16	99 473	45 569,843	899 402,616	19,737	19,270	16	99 554	45 606,642	914 177,478	20,045	19,578
17	99 448	43 388,672	853 832,774	19,679	19,212	17	99 540	43 428,768	868 570,836	20,000	19,533
18	99 418	41 310,428	810 444,102	19,618	19,152	18	99 525	41 354,676	825 142,067	19,953	19,486
19	99 380	39 328,183	769 133,673	19,557	19,090	19	99 505	39 377,385	783 787,391	19,905	19,438
20	99 339	37 439,773	729 805,490	19,493	19,026	20	99 485	37 495,033	744 410,006	19,854	19,387
21	99 294	35 640,854	692 365,718	19,426	18,960	21	99 467	35 702,943	706 914,974	19,800	19,334
22	99 250	33 928,491	656 724,864	19,356	18,890	22	99 451	33 997,173	671 212,031	19,743	19,277
23	99 205	32 298,275	622 796,373	19,283	18,816	23	99 433	32 372,657	637 214,858	19,684	19,217
24	99 159	30 746,136	590 498,098	19,206	18,739	24	99 412	30 824,412	604 842,201	19,622	19,156
25	99 111	29 267,880	559 751,961	19,125	18,659	25	99 395	29 351,605	574 017,788	19,557	19,090
26	99 064	27 860,760	530 484,082	19,041	18,574	26	99 376	27 948,697	544 666,183	19,488	19,022
27	99 017	26 521,485	502 623,322	18,952	18,485	27	99 357	26 612,628	516 717,486	19,416	18,950
28	98 965	25 245,228	476 101,837	18,859	18,393	28	99 335	25 339,824	490 104,858	19,341	18,875
29	98 914	24 030,690	450 856,610	18,762	18,295	29	99 311	24 127,147	464 765,034	19,263	18,797
30	98 857	22 873,267	426 825,920	18,660	18,194	30	99 285	22 972,289	440 637,888	19,181	18,715
31	98 800	21 771,513	403 952,653	18,554	18,088	31	99 255	21 871,874	417 665,599	19,096	18,630
32	98 732	20 720,502	382 181,140	18,445	17,978	32	99 224	20 823,707	395 793,725	19,007	18,540
33	98 663	19 719,987	361 460,638	18,330	17,863	33	99 189	19 825,219	374 970,018	18,914	18,447
34	98 593	18 767,605	341 740,651	18,209	17,743	34	99 154	18 874,439	355 144,799	18,816	18,350
35	98 513	17 859,516	322 973,046	18,084	17,618	35	99 115	17 968,625	336 270,360	18,714	18,248
36	98 426	16 993,963	305 113,530	17,954	17,488	36	99 075	17 106,089	318 301,735	18,608	18,141
37	98 339	16 170,366	288 119,567	17,818	17,351	37	99 029	16 283,875	301 195,646	18,497	18,030
38	98 246	15 385,919	271 949,201	17,675	17,209	38	98 983	15 501,315	284 911,772	18,380	17,913
39	98 143	14 637,878	256 563,282	17,527	17,061	39	98 925	14 754,511	269 410,457	18,260	17,793
40	98 036	13 925,621	241 925,405	17,373	16,906	40	98 866	14 043,544	254 655,946	18,133	17,667
41	97 913	13 245,829	227 999,784	17,213	16,747	41	98 799	13 365,727	240 612,402	18,002	17,536
42	97 783	12 598,366	214 753,955	17,046	16,580	42	98 724	12 719,553	227 246,675	17,866	17,400
43	97 638	11 980,566	202 155,588	16,874	16,407	43	98 642	12 103,808	214 527,122	17,724	17,258
44	97 478	11 391,377	190 175,022	16,695	16,228	44	98 553	11 517,062	202 423,314	17,576	17,110
45	97 303	10 829,451	178 783,645	16,509	16,043	45	98 453	10 957,442	190 906,252	17,423	16,956
46	97 104	10 292,679	167 954,194	16,318	15,851	46	98 343	10 424,055	179 948,810	17,263	16,796
47	96 892	9 781,135	157 661,515	16,119	15,653	47	98 218	9 915,066	169 524,755	17,098	16,631
48	96 651	9 292,211	147 880,381	15,914	15,448	48	98 078	9 429,383	159 609,689	16,927	16,460
49	96 382	8 825,080	138 588,170	15,704	15,237	49	97 921	8 966,000	150 180,306	16,750	16,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	8 378,389	129 763,090	15,488	15,021	50	97 743	8 523,580	141 214,306	16,567	16,101
51	95 740	7 951,348	121 384,701	15,266	14,800	51	97 551	8 101,698	132 690,726	16,378	15,912
52	95 371	7 543,475	113 433,353	15,037	14,571	52	97 335	7 698,860	124 589,029	16,183	15,716
53	94 949	7 152,469	105 889,878	14,805	14,338	53	97 096	7 314,245	116 890,169	15,981	15,515
54	94 475	6 777,909	98 737,409	14,568	14,101	54	96 831	6 946,908	109 575,924	15,773	15,307
55	93 949	6 419,169	91 959,500	14,326	13,859	55	96 539	6 596,191	102 629,016	15,559	15,092
56	93 371	6 075,907	85 540,331	14,079	13,612	56	96 220	6 261,272	96 032,825	15,338	14,871
57	92 733	5 747,054	79 464,423	13,827	13,361	57	95 871	5 941,536	89 771,553	15,109	14,643
58	92 034	5 432,113	73 717,370	13,571	13,104	58	95 489	5 636,015	83 830,017	14,874	14,408
59	91 257	5 129,775	68 285,257	13,312	12,845	59	95 067	5 343,959	78 194,002	14,632	14,166
60	90 413	4 840,307	63 155,482	13,048	12,581	60	94 608	5 064,903	72 850,043	14,383	13,917
61	89 505	4 563,528	58 315,176	12,779	12,312	61	94 098	4 797,712	67 785,140	14,129	13,662
62	88 522	4 298,461	53 751,647	12,505	12,038	62	93 572	4 543,684	62 987,428	13,863	13,396
63	87 448	4 044,128	49 453,187	12,228	11,762	63	93 003	4 301,023	58 443,744	13,588	13,122
64	86 305	3 801,218	45 409,059	11,946	11,480	64	92 391	4 069,241	54 142,721	13,305	12,839
65	85 073	3 568,523	41 607,841	11,660	11,193	65	91 717	3 847,226	50 073,480	13,015	12,549
66	83 766	3 346,367	38 039,318	11,367	10,901	66	90 983	3 634,668	46 226,255	12,718	12,252
67	82 397	3 134,922	34 692,951	11,067	10,600	67	90 188	3 431,350	42 591,587	12,412	11,946
68	80 917	2 932,036	31 558,029	10,763	10,297	68	89 314	3 236,271	39 160,237	12,100	11,634
69	79 404	2 740,189	28 625,993	10,447	9,980	69	88 401	3 050,680	35 923,966	11,776	11,309
70	77 765	2 555,852	25 885,804	10,128	9,662	70	87 414	2 872,949	32 873,286	11,442	10,976
71	76 023	2 379,610	23 329,952	9,804	9,338	71	86 349	2 702,806	30 000,337	11,100	10,633
72	74 169	2 211,018	20 950,342	9,475	9,009	72	85 192	2 539,633	27 297,530	10,749	10,282
73	72 229	2 050,669	18 739,324	9,138	8,672	73	83 965	2 383,846	24 757,897	10,386	9,919
74	70 186	1 897,755	16 688,656	8,794	8,327	74	82 665	2 235,179	22 374,051	10,010	9,544
75	68 016	1 751,502	14 790,901	8,445	7,978	75	81 251	2 092,322	20 138,872	9,625	9,159
76	65 701	1 611,328	13 039,399	8,092	7,626	76	79 701	1 954,692	18 046,549	9,232	8,766
77	63 228	1 476,833	11 428,070	7,738	7,272	77	77 962	1 820,980	16 091,857	8,837	8,371
78	60 619	1 348,482	9 951,237	7,380	6,913	78	76 055	1 691,861	14 270,877	8,435	7,969
79	57 816	1 224,881	8 602,755	7,023	6,557	79	73 918	1 566,018	12 579,016	8,032	7,566
80	54 794	1 105,569	7 377,874	6,673	6,207	80	71 485	1 442,343	11 012,998	7,635	7,169
81	51 583	991,237	6 272,305	6,328	5,861	81	68 739	1 320,900	9 570,655	7,246	6,779
82	48 151	881,225	5 281,068	5,993	5,526	82	65 710	1 202,569	8 249,755	6,860	6,394
83	44 551	776,509	4 399,843	5,666	5,200	83	62 402	1 087,648	7 047,186	6,479	6,013
84	40 773	676,819	3 623,334	5,353	4,887	84	58 778	975,691	5 959,538	6,108	5,642
85	36 886	583,145	2 946,515	5,053	4,586	85	54 827	866,765	4 983,847	5,750	5,284
86	32 921	495,665	2 363,370	4,768	4,302	86	50 593	761,745	4 117,082	5,405	4,938
87	28 969	415,405	1 867,704	4,496	4,030	87	46 095	660,972	3 355,336	5,076	4,610
88	25 117	343,010	1 452,299	4,234	3,768	88	41 430	565,798	2 694,365	4,762	4,296
89	21 411	278,480	1 109,289	3,983	3,517	89	36 673	476,981	2 128,566	4,463	3,996
90	17 933	222,136	830,809	3,740	3,274	90	31 872	394,796	1 651,585	4,183	3,717
91	14 713	173,572	608,673	3,507	3,040	91	27 157	320,372	1 256,789	3,923	3,456
92	11 735	131,848	435,101	3,300	2,834	92	22 613	254,060	936,417	3,686	3,219
93	9 104	97,413	303,253	3,113	2,647	93	18 371	196,580	682,357	3,471	3,005
94	6 884	70,153	205,840	2,934	2,468	94	14 528	148,053	485,777	3,281	2,815
95	5 001	48,539	135,688	2,795	2,329	95	11 112	107,843	337,724	3,132	2,665
96	3 571	33,010	87,149	2,640	2,174	96	8 344	77,130	229,881	2,980	2,514
97	2 455	21,610	54,139	2,505	2,039	97	6 096	53,661	152,751	2,847	2,380
98	1 625	13,624	32,529	2,388	1,921	98	4 407	36,947	99,090	2,682	2,216
99	1 037	8,284	18,905	2,282	1,816	99	3 064	24,465	62,143	2,540	2,074
100	638	4,854	10,621	2,188	1,722	100	2 051	15,599	37,678	2,415	1,949

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 948 681,908	19,487	19,020	0	100 000	100 000,000	1 962 023,762	19,620	19,153
1	99 645	94 674,908	1 848 681,908	19,527	19,060	1	99 694	94 720,773	1 862 023,762	19,658	19,191
2	99 618	89 927,903	1 754 007,000	19,505	19,038	2	99 671	89 975,190	1 767 302,989	19,642	19,175
3	99 603	85 428,862	1 664 079,096	19,479	19,012	3	99 659	85 476,937	1 677 327,799	19,623	19,156
4	99 590	81 157,115	1 578 650,234	19,452	18,985	4	99 647	81 203,566	1 591 850,862	19,603	19,136
5	99 578	77 099,955	1 497 493,119	19,423	18,956	5	99 638	77 146,016	1 510 647,296	19,582	19,115
6	99 569	73 247,211	1 420 393,165	19,392	18,925	6	99 630	73 292,381	1 433 501,280	19,559	19,092
7	99 559	69 586,332	1 347 145,954	19,359	18,893	7	99 624	69 631,882	1 360 208,899	19,534	19,067
8	99 550	66 109,713	1 277 559,622	19,325	18,858	8	99 619	66 155,297	1 290 577,017	19,508	19,042
9	99 542	62 806,962	1 211 449,909	19,288	18,822	9	99 613	62 851,497	1 224 421,720	19,481	19,014
10	99 534	59 669,275	1 148 642,947	19,250	18,783	10	99 606	59 712,523	1 161 570,223	19,453	18,986
11	99 526	56 688,537	1 088 973,672	19,210	18,743	11	99 600	56 730,627	1 101 857,700	19,423	18,956
12	99 518	53 856,033	1 032 285,135	19,167	18,701	12	99 593	53 896,818	1 045 127,073	19,391	18,924
13	99 510	51 165,618	978 429,102	19,123	18,656	13	99 585	51 204,327	991 230,255	19,358	18,892
14	99 500	48 608,765	927 263,484	19,076	18,609	14	99 576	48 646,022	940 025,928	19,324	18,857
15	99 488	46 178,522	878 654,719	19,027	18,561	15	99 566	46 214,648	891 379,906	19,288	18,821
16	99 473	43 868,486	832 476,197	18,977	18,510	16	99 554	43 903,911	845 165,258	19,250	18,784
17	99 448	41 669,536	788 607,712	18,925	18,458	17	99 540	41 708,044	801 261,347	19,211	18,744
18	99 418	39 579,400	746 938,176	18,872	18,405	18	99 525	39 621,793	759 553,303	19,170	18,703
19	99 380	37 590,714	707 358,776	18,817	18,351	19	99 505	37 637,743	719 931,510	19,128	18,661
20	99 339	35 700,730	669 768,062	18,761	18,294	20	99 485	35 753,423	682 293,767	19,083	18,617
21	99 294	33 904,644	634 067,332	18,701	18,235	21	99 467	33 963,708	646 540,344	19,036	18,569
22	99 250	32 199,033	600 162,688	18,639	18,172	22	99 451	32 264,214	612 576,636	18,986	18,519
23	99 205	30 579,107	567 963,655	18,574	18,107	23	99 433	30 649,530	580 312,422	18,934	18,467
24	99 159	29 040,442	537 384,548	18,505	18,038	24	99 412	29 114,375	549 662,892	18,879	18,413
25	99 111	27 578,531	508 344,106	18,433	17,966	25	99 395	27 657,423	520 548,517	18,821	18,355
26	99 064	26 190,272	480 765,575	18,357	17,890	26	99 376	26 272,937	492 891,093	18,760	18,294
27	99 017	24 872,079	454 575,303	18,277	17,810	27	99 357	24 957,554	466 618,156	18,696	18,230
28	98 965	23 618,958	429 703,224	18,193	17,726	28	99 335	23 707,461	441 660,603	18,630	18,163
29	98 914	22 429,257	406 084,266	18,105	17,638	29	99 311	22 519,286	417 953,142	18,560	18,093
30	98 857	21 298,255	383 655,009	18,013	17,547	30	99 285	21 390,459	395 433,856	18,486	18,020
31	98 800	20 224,214	362 356,754	17,917	17,450	31	99 255	20 317,442	374 043,398	18,410	17,943
32	98 732	19 202,178	342 132,540	17,817	17,351	32	99 224	19 297,821	353 725,956	18,330	17,863
33	98 663	18 231,569	322 930,362	17,713	17,246	33	99 189	18 328,859	334 428,135	18,246	17,779
34	98 593	17 309,856	304 698,793	17,603	17,136	34	99 154	17 408,392	316 099,276	18,158	17,691
35	98 513	16 433,175	287 388,937	17,488	17,022	35	99 115	16 533,571	298 690,884	18,066	17,599
36	98 426	15 599,607	270 955,761	17,369	16,903	36	99 075	15 702,533	282 157,314	17,969	17,502
37	98 339	14 808,329	255 356,154	17,244	16,777	37	99 029	14 912,277	266 454,780	17,868	17,401
38	98 246	14 056,488	240 547,825	17,113	16,646	38	98 983	14 161,913	251 542,503	17,762	17,295
39	98 143	13 341,317	226 491,337	16,977	16,510	39	98 925	13 447,619	237 380,590	17,652	17,185
40	98 036	12 662,001	213 150,020	16,834	16,367	40	98 866	12 769,224	223 932,971	17,537	17,070
41	97 913	12 015,286	200 488,018	16,686	16,219	41	98 799	12 124,045	211 163,747	17,417	16,950
42	97 783	11 400,828	188 472,732	16,531	16,065	42	98 724	11 510,495	199 039,701	17,292	16,825
43	97 638	10 816,001	177 071,904	16,371	15,904	43	98 642	10 927,263	187 529,206	17,162	16,695
44	97 478	10 259,656	166 255,903	16,205	15,738	44	98 553	10 372,854	176 601,943	17,025	16,559
45	97 303	9 730,389	155 996,247	16,032	15,565	45	98 453	9 845,390	166 229,089	16,884	16,417
46	97 104	9 226,126	146 265,858	15,853	15,387	46	98 343	9 343,888	156 383,699	16,736	16,270
47	96 892	8 746,763	137 039,733	15,667	15,201	47	98 218	8 866,531	147 039,811	16,584	16,117
48	96 651	8 289,806	128 292,969	15,476	15,009	48	98 078	8 412,181	138 173,279	16,425	15,959
49	96 382	7 854,367	120 003,163	15,279	14,812	49	97 921	7 979,787	129 761,098	16,261	15,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	7 439,097	112 148,796	15,076	14,609	50	97 743	7 568,011	121 781,312	16,092	15,625
51	95 740	7 043,163	104 709,699	14,867	14,400	51	97 551	7 176,339	114 213,301	15,915	15,448
52	95 371	6 666,004	97 666,536	14,651	14,185	52	97 335	6 803,314	107 036,961	15,733	15,266
53	94 949	6 305,467	91 000,532	14,432	13,965	53	97 096	6 448,086	100 233,647	15,545	15,078
54	94 475	5 961,070	84 695,065	14,208	13,741	54	96 831	6 109,703	93 785,562	15,350	14,883
55	93 949	5 632,154	78 733,995	13,979	13,513	55	96 539	5 787,472	87 675,859	15,149	14,682
56	93 371	5 318,315	73 101,840	13,745	13,279	56	96 220	5 480,566	81 888,387	14,942	14,475
57	92 733	5 018,516	67 783,526	13,507	13,040	57	95 871	5 188,345	76 407,820	14,727	14,260
58	92 034	4 732,232	62 765,010	13,263	12,797	58	95 489	4 909,864	71 219,475	14,505	14,039
59	91 257	4 458,233	58 032,777	13,017	12,550	59	95 067	4 644,379	66 309,612	14,277	13,811
60	90 413	4 196,667	53 574,544	12,766	12,299	60	94 608	4 391,398	61 665,233	14,042	13,575
61	89 505	3 947,295	49 377,877	12,509	12,042	61	94 098	4 149,856	57 273,835	13,801	13,335
62	88 522	3 709,189	45 430,581	12,248	11,781	62	93 572	3 920,796	53 123,979	13,549	13,082
63	87 448	3 481,434	41 721,392	11,984	11,517	63	93 003	3 702,585	49 203,184	13,289	12,822
64	86 305	3 264,549	38 239,958	11,714	11,247	64	92 391	3 494,732	45 500,599	13,020	12,553
65	85 073	3 057,427	34 975,409	11,439	10,973	65	91 717	3 296,213	42 005,867	12,744	12,277
66	83 766	2 860,279	31 917,982	11,159	10,692	66	90 983	3 106,702	38 709,654	12,460	11,993
67	82 397	2 673,184	29 057,703	10,870	10,403	67	90 188	2 925,951	35 602,952	12,168	11,701
68	80 917	2 494,242	26 384,519	10,578	10,111	68	89 314	2 753,050	32 677,001	11,869	11,403
69	79 404	2 325,503	23 890,277	10,273	9,806	69	88 401	2 589,006	29 923,951	11,558	11,091
70	77 765	2 163,911	21 564,774	9,966	9,499	70	87 414	2 432,381	27 334,945	11,238	10,771
71	76 023	2 009,910	19 400,863	9,653	9,186	71	86 349	2 282,894	24 902,564	10,908	10,442
72	74 169	1 863,074	17 390,954	9,335	8,868	72	85 192	2 139,976	22 619,670	10,570	10,103
73	72 229	1 723,855	15 527,879	9,008	8,541	73	83 965	2 003,934	20 479,694	10,220	9,753
74	70 186	1 591,521	13 804,024	8,673	8,207	74	82 665	1 874,497	18 475,759	9,856	9,390
75	68 016	1 465,380	12 212,503	8,334	7,867	75	81 251	1 750,525	16 601,262	9,484	9,017
76	65 701	1 344,903	10 747,123	7,991	7,524	76	79 701	1 631,493	14 850,738	9,103	8,636
77	63 228	1 229,718	9 402,220	7,646	7,179	77	77 962	1 516,279	13 219,245	8,718	8,251
78	60 619	1 120,176	8 172,502	7,296	6,829	78	76 055	1 405,419	11 702,966	8,327	7,860
79	57 816	1 015,085	7 052,326	6,948	6,481	79	73 918	1 297,792	10 297,547	7,935	7,468
80	54 794	914,032	6 037,242	6,605	6,138	80	71 485	1 192,460	8 999,754	7,547	7,080
81	51 583	817,561	5 123,210	6,266	5,800	81	68 739	1 089,464	7 807,294	7,166	6,699
82	48 151	725,098	4 305,648	5,938	5,471	82	65 710	989,510	6 717,830	6,789	6,322
83	44 551	637,417	3 580,550	5,617	5,150	83	62 402	892,823	5 728,321	6,416	5,949
84	40 773	554,264	2 943,133	5,310	4,843	84	58 778	799,018	4 835,498	6,052	5,585
85	36 886	476,418	2 388,869	5,014	4,547	85	54 827	708,130	4 036,480	5,700	5,233
86	32 921	403,987	1 912,451	4,734	4,267	86	50 593	620,853	3 328,350	5,361	4,894
87	28 969	337,767	1 508,464	4,466	3,999	87	46 095	537,439	2 707,497	5,038	4,571
88	25 117	278,240	1 170,696	4,208	3,741	88	41 430	458,960	2 170,058	4,728	4,261
89	21 411	225,359	892,456	3,960	3,493	89	36 673	385,995	1 711,098	4,433	3,966
90	17 933	179,336	667,097	3,720	3,253	90	31 872	318,728	1 325,103	4,157	3,691
91	14 713	139,796	487,761	3,489	3,022	91	27 157	258,030	1 006,375	3,900	3,433
92	11 735	105,939	347,966	3,285	2,818	92	22 613	204,135	748,346	3,666	3,199
93	9 104	78,084	242,027	3,100	2,633	93	18 371	157,575	544,210	3,454	2,987
94	6 884	56,100	163,942	2,922	2,456	94	14 528	118,395	386,635	3,266	2,799
95	5 001	38,723	107,843	2,785	2,318	95	11 112	86,035	268,240	3,118	2,651
96	3 571	26,272	69,119	2,631	2,164	96	8 344	61,387	182,205	2,968	2,501
97	2 455	17,158	42,848	2,497	2,030	97	6 096	42,607	120,818	2,836	2,369
98	1 625	10,792	25,689	2,380	1,914	98	4 407	29,266	78,212	2,672	2,206
99	1 037	6,546	14,898	2,276	1,809	99	3 064	19,333	48,946	2,532	2,065
100	638	3,827	8,352	2,182	1,716	100	2 051	12,297	29,613	2,408	1,941

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 870 998,073	18,710	18,243	0	100 000	100 000,000	1 882 564,028	18,826	18,358
1	99 645	94 450,560	1 770 998,073	18,751	18,283	1	99 694	94 496,317	1 782 564,028	18,864	18,397
2	99 618	89 502,210	1 676 547,513	18,732	18,265	2	99 671	89 549,273	1 688 067,711	18,851	18,384
3	99 603	84 822,986	1 587 045,303	18,710	18,243	3	99 659	84 870,720	1 598 518,439	18,835	18,368
4	99 590	80 390,583	1 502 222,317	18,687	18,219	4	99 647	80 436,595	1 513 647,719	18,818	18,351
5	99 578	76 190,767	1 421 831,734	18,661	18,194	5	99 638	76 236,286	1 433 211,124	18,800	18,332
6	99 569	72 211,931	1 345 640,967	18,635	18,167	6	99 630	72 256,463	1 356 974,838	18,780	18,313
7	99 559	68 440,230	1 273 429,036	18,606	18,139	7	99 624	68 485,030	1 284 718,375	18,759	18,292
8	99 550	64 866,794	1 204 988,806	18,576	18,109	8	99 619	64 911,520	1 216 233,345	18,737	18,270
9	99 542	61 480,104	1 140 122,012	18,545	18,077	9	99 613	61 523,698	1 151 321,825	18,713	18,246
10	99 534	58 270,294	1 078 641,909	18,511	18,044	10	99 606	58 312,528	1 089 798,127	18,689	18,222
11	99 526	55 228,258	1 020 371,615	18,476	18,008	11	99 600	55 269,263	1 031 485,599	18,663	18,196
12	99 518	52 344,385	965 143,357	18,438	17,971	12	99 593	52 384,025	976 216,336	18,636	18,169
13	99 510	49 611,643	912 798,972	18,399	17,932	13	99 585	49 649,176	923 832,310	18,607	18,140
14	99 500	47 020,757	863 187,329	18,358	17,890	14	99 576	47 056,796	874 183,134	18,577	18,110
15	99 488	44 564,055	816 166,572	18,314	17,847	15	99 566	44 598,918	827 126,338	18,546	18,079
16	99 473	42 234,461	771 602,518	18,270	17,802	16	99 554	42 268,567	782 527,420	18,513	18,046
17	99 448	40 022,354	729 368,056	18,224	17,757	17	99 540	40 059,340	740 258,852	18,479	18,012
18	99 418	37 924,757	689 345,703	18,177	17,709	18	99 525	37 965,378	700 199,513	18,443	17,976
19	99 380	35 933,857	651 420,945	18,128	17,661	19	99 505	35 978,812	662 234,135	18,406	17,939
20	99 339	34 046,305	615 487,089	18,078	17,611	20	99 485	34 096,557	626 255,322	18,367	17,900
21	99 294	32 256,834	581 440,783	18,025	17,558	21	99 467	32 313,027	592 158,765	18,326	17,859
22	99 250	30 561,524	549 183,950	17,970	17,503	22	99 451	30 623,391	559 845,739	18,282	17,814
23	99 205	28 955,204	518 622,425	17,911	17,444	23	99 433	29 021,888	529 222,348	18,235	17,768
24	99 159	27 433,088	489 667,221	17,850	17,382	24	99 412	27 502,929	500 200,460	18,187	17,720
25	99 111	25 990,357	462 234,133	17,785	17,318	25	99 395	26 064,707	472 697,531	18,136	17,668
26	99 064	24 623,557	436 243,776	17,717	17,249	26	99 376	24 701,276	446 632,824	18,081	17,614
27	99 017	23 328,805	411 620,220	17,644	17,177	27	99 357	23 408,976	421 931,548	18,024	17,557
28	98 965	22 100,943	388 291,414	17,569	17,102	28	99 335	22 183,757	398 522,572	17,965	17,497
29	98 914	20 937,970	366 190,472	17,489	17,022	29	99 311	21 022,013	376 338,815	17,902	17,435
30	98 857	19 835,053	345 252,501	17,406	16,939	30	99 285	19 920,923	355 316,801	17,836	17,369
31	98 800	18 790,167	325 417,448	17,318	16,851	31	99 255	18 876,784	335 395,879	17,768	17,300
32	98 732	17 798,325	306 627,281	17,228	16,761	32	99 224	17 886,975	316 519,095	17,696	17,228
33	98 663	16 858,632	288 828,956	17,132	16,665	33	99 189	16 948,595	298 632,119	17,620	17,153
34	98 593	15 968,399	271 970,324	17,032	16,565	34	99 154	16 059,299	281 683,524	17,540	17,073
35	98 513	15 123,735	256 001,925	16,927	16,460	35	99 115	15 216,131	265 624,225	17,457	16,990
36	98 426	14 322,568	240 878,190	16,818	16,351	36	99 075	14 417,068	250 408,095	17,369	16,902
37	98 339	13 563,848	226 555,622	16,703	16,236	37	99 029	13 659,060	235 991,027	17,277	16,810
38	98 246	12 844,681	212 991,774	16,582	16,115	38	98 983	12 941,018	222 331,967	17,180	16,713
39	98 143	12 162,276	200 147,092	16,456	15,989	39	98 925	12 259,184	209 390,949	17,080	16,613
40	98 036	11 515,642	187 984,816	16,324	15,857	40	98 866	11 613,157	197 131,765	16,975	16,508
41	97 913	10 901,583	176 469,175	16,187	15,720	41	98 799	11 000,261	185 518,608	16,865	16,398
42	97 783	10 319,567	165 567,592	16,044	15,577	42	98 724	10 418,834	174 518,347	16,750	16,283
43	97 638	9 767,006	155 248,024	15,895	15,428	43	98 642	9 867,477	164 099,513	16,630	16,163
44	97 478	9 242,664	145 481,019	15,740	15,273	44	98 553	9 344,641	154 232,037	16,505	16,038
45	97 303	8 745,089	136 238,354	15,579	15,112	45	98 453	8 848,445	144 887,395	16,374	15,907
46	97 104	8 272,238	127 493,266	15,412	14,945	46	98 343	8 377,825	136 038,950	16,238	15,771
47	96 892	7 823,853	119 221,028	15,238	14,771	47	98 218	7 930,984	127 661,125	16,097	15,629
48	96 651	7 397,540	111 397,175	15,059	14,591	48	98 078	7 506,743	119 730,141	15,950	15,482
49	96 382	6 992,360	103 999,634	14,873	14,406	49	97 921	7 104,015	112 223,398	15,797	15,330

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	6 606,972	97 007,274	14,683	14,215	50	97 743	6 721,466	105 119,382	15,639	15,172
51	95 740	6 240,503	90 400,302	14,486	14,019	51	97 551	6 358,502	98 397,917	15,475	15,008
52	95 371	5 892,330	84 159,799	14,283	13,816	52	97 335	6 013,704	92 039,414	15,305	14,838
53	94 949	5 560,431	78 267,469	14,076	13,609	53	97 096	5 686,198	86 025,710	15,129	14,662
54	94 475	5 244,270	72 707,038	13,864	13,397	54	96 831	5 375,030	80 339,512	14,947	14,480
55	93 949	4 943,164	67 462,767	13,648	13,181	55	96 539	5 079,482	74 964,482	14,758	14,291
56	93 371	4 656,656	62 519,603	13,426	12,959	56	96 220	4 798,722	69 885,000	14,563	14,096
57	92 733	4 383,743	57 862,948	13,199	12,732	57	95 871	4 532,091	65 086,279	14,361	13,894
58	92 034	4 123,875	53 479,205	12,968	12,501	58	95 489	4 278,670	60 554,188	14,153	13,685
59	91 257	3 875,893	49 355,330	12,734	12,267	59	95 067	4 037,724	56 275,518	13,937	13,470
60	90 413	3 639,848	45 479,436	12,495	12,028	60	94 608	3 808,741	52 237,793	13,715	13,248
61	89 505	3 415,450	41 839,589	12,250	11,783	61	94 098	3 590,719	48 429,052	13,487	13,020
62	88 522	3 201,821	38 424,138	12,001	11,534	62	93 572	3 384,482	44 838,333	13,248	12,781
63	87 448	2 998,098	35 222,318	11,748	11,281	63	93 003	3 188,546	41 453,851	13,001	12,534
64	86 305	2 804,662	32 224,220	11,490	11,022	64	92 391	3 002,418	38 265,306	12,745	12,278
65	85 073	2 620,493	29 419,558	11,227	10,760	65	91 717	2 825,155	35 262,888	12,482	12,015
66	83 766	2 445,710	26 799,065	10,958	10,490	66	90 983	2 656,416	32 437,733	12,211	11,744
67	82 397	2 280,316	24 353,355	10,680	10,213	67	90 188	2 495,935	29 781,317	11,932	11,465
68	80 917	2 122,631	22 073,039	10,399	9,932	68	89 314	2 342,880	27 285,382	11,646	11,179
69	79 404	1 974,342	19 950,408	10,105	9,638	69	88 401	2 198,055	24 942,503	11,348	10,880
70	77 765	1 832,798	17 976,067	9,808	9,341	70	87 414	2 060,187	22 744,448	11,040	10,573
71	76 023	1 698,327	16 143,269	9,505	9,038	71	86 349	1 928,992	20 684,260	10,723	10,256
72	74 169	1 570,524	14 444,942	9,198	8,730	72	85 192	1 803,946	18 755,268	10,397	9,930
73	72 229	1 449,722	12 874,418	8,881	8,413	73	83 965	1 685,262	16 951,322	10,059	9,591
74	70 186	1 335,261	11 424,695	8,556	8,089	74	82 665	1 572,673	15 266,060	9,707	9,240
75	68 016	1 226,517	10 089,434	8,226	7,759	75	81 251	1 465,182	13 693,387	9,346	8,879
76	65 701	1 123,011	8 862,917	7,892	7,425	76	79 701	1 362,317	12 228,205	8,976	8,509
77	63 228	1 024,396	7 739,906	7,556	7,088	77	77 962	1 263,112	10 865,888	8,602	8,135
78	60 619	930,934	6 715,510	7,214	6,747	78	76 055	1 167,987	9 602,776	8,222	7,754
79	57 816	841,597	5 784,577	6,873	6,406	79	73 918	1 075,987	8 434,788	7,839	7,372
80	54 794	756,019	4 942,979	6,538	6,071	80	71 485	986,315	7 358,801	7,461	6,994
81	51 583	674,624	4 186,960	6,206	5,739	81	68 739	898,988	6 372,486	7,089	6,621
82	48 151	596,909	3 512,337	5,884	5,417	82	65 710	814,575	5 473,498	6,719	6,252
83	44 551	523,485	2 915,428	5,569	5,102	83	62 402	733,240	4 658,923	6,354	5,887
84	40 773	454,116	2 391,943	5,267	4,800	84	58 778	654,646	3 925,684	5,997	5,529
85	36 886	389,411	1 937,827	4,976	4,509	85	54 827	578,806	3 271,038	5,651	5,184
86	32 921	329,425	1 548,416	4,700	4,233	86	50 593	506,265	2 692,232	5,318	4,851
87	28 969	274,775	1 218,991	4,436	3,969	87	46 095	437,208	2 185,967	5,000	4,533
88	25 117	225,813	944,216	4,181	3,714	88	41 430	372,480	1 748,759	4,695	4,228
89	21 411	182,462	718,403	3,937	3,470	89	36 673	312,522	1 376,278	4,404	3,937
90	17 933	144,855	535,941	3,700	3,233	90	31 872	257,447	1 063,757	4,132	3,665
91	14 713	112,650	391,085	3,472	3,004	91	27 157	207,925	806,310	3,878	3,411
92	11 735	85,165	278,435	3,269	2,802	92	22 613	164,106	598,384	3,646	3,179
93	9 104	62,624	193,270	3,086	2,619	93	18 371	126,376	434,278	3,436	2,969
94	6 884	44,886	130,646	2,911	2,443	94	14 528	94,728	307,902	3,250	2,783
95	5 001	30,909	85,760	2,775	2,307	95	11 112	68,674	213,173	3,104	2,637
96	3 571	20,921	54,851	2,622	2,155	96	8 344	48,883	144,499	2,956	2,489
97	2 455	13,631	33,930	2,489	2,022	97	6 096	33,848	95,616	2,825	2,358
98	1 625	8,553	20,299	2,373	1,906	98	4 407	23,195	61,768	2,663	2,196
99	1 037	5,176	11,746	2,269	1,802	99	3 064	15,286	38,573	2,523	2,056
100	638	3,018	6,571	2,177	1,710	100	2 051	9,700	23,288	2,401	1,934

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 799 135,588	17,991	17,524	0	100 000	100 000,000	1 809 195,014	18,092	17,624
1	99 645	94 227,273	1 699 135,588	18,032	17,565	1	99 694	94 272,921	1 709 195,014	18,130	17,663
2	99 618	89 079,532	1 604 908,316	18,017	17,549	2	99 671	89 126,372	1 614 922,093	18,119	17,652
3	99 603	84 222,826	1 515 828,784	17,998	17,530	3	99 659	84 270,221	1 525 795,720	18,106	17,638
4	99 590	79 633,080	1 431 605,958	17,978	17,510	4	99 647	79 678,659	1 441 525,499	18,092	17,624
5	99 578	75 294,415	1 351 972,878	17,956	17,488	5	99 638	75 339,398	1 361 846,840	18,076	17,609
6	99 569	71 193,683	1 276 678,463	17,932	17,465	6	99 630	71 237,587	1 286 507,442	18,059	17,592
7	99 559	67 315,650	1 205 484,780	17,908	17,440	7	99 624	67 359,714	1 215 269,855	18,041	17,574
8	99 550	63 650,101	1 138 169,130	17,882	17,414	8	99 619	63 693,989	1 147 910,141	18,022	17,555
9	99 542	60 184,318	1 074 519,028	17,854	17,386	9	99 613	60 226,994	1 084 216,152	18,002	17,535
10	99 534	56 907,308	1 014 334,710	17,824	17,357	10	99 606	56 948,555	1 023 989,159	17,981	17,513
11	99 526	53 808,919	957 427,402	17,793	17,326	11	99 600	53 848,870	967 040,604	17,958	17,491
12	99 518	50 878,594	903 618,484	17,760	17,293	12	99 593	50 917,125	913 191,734	17,935	17,467
13	99 510	48 108,376	852 739,889	17,725	17,258	13	99 585	48 144,772	862 274,609	17,910	17,442
14	99 500	45 488,204	804 631,514	17,689	17,221	14	99 576	45 523,069	814 129,838	17,884	17,416
15	99 488	43 009,654	759 143,310	17,651	17,183	15	99 566	43 043,302	768 606,769	17,857	17,389
16	99 473	40 664,955	716 133,656	17,611	17,143	16	99 554	40 697,794	725 563,467	17,828	17,361
17	99 448	38 443,954	675 468,701	17,570	17,103	17	99 540	38 479,481	684 865,674	17,798	17,331
18	99 418	36 342,961	637 024,747	17,528	17,061	18	99 525	36 381,888	646 386,193	17,767	17,299
19	99 380	34 353,692	600 681,785	17,485	17,018	19	99 505	34 396,671	610 004,304	17,734	17,267
20	99 339	32 472,196	566 328,093	17,440	16,973	20	99 485	32 520,124	575 607,633	17,700	17,232
21	99 294	30 692,728	533 855,897	17,394	16,926	21	99 467	30 746,196	543 087,509	17,664	17,196
22	99 250	29 010,877	503 163,169	17,344	16,876	22	99 451	29 069,604	512 341,313	17,625	17,157
23	99 205	27 421,080	474 152,293	17,292	16,824	23	99 433	27 484,230	483 271,709	17,584	17,116
24	99 159	25 918,192	446 731,212	17,236	16,769	24	99 412	25 984,176	455 787,479	17,541	17,073
25	99 111	24 497,081	420 813,020	17,178	16,711	25	99 395	24 567,159	429 803,302	17,495	17,027
26	99 064	23 153,943	396 315,940	17,117	16,649	26	99 376	23 227,024	405 236,144	17,447	16,979
27	99 017	21 884,607	373 161,997	17,051	16,584	27	99 357	21 959,815	382 009,120	17,396	16,928
28	98 965	20 683,743	351 277,390	16,983	16,516	28	99 335	20 761,247	360 049,304	17,342	16,875
29	98 914	19 549,021	330 593,647	16,911	16,443	29	99 311	19 627,489	339 288,057	17,286	16,819
30	98 857	18 475,486	311 044,626	16,836	16,368	30	99 285	18 555,470	319 660,569	17,227	16,760
31	98 800	17 460,844	292 569,140	16,756	16,288	31	99 255	17 541,333	301 105,099	17,165	16,698
32	98 732	16 500,071	275 108,296	16,673	16,206	32	99 224	16 582,255	283 563,766	17,100	16,633
33	98 663	15 591,974	258 608,225	16,586	16,118	33	99 189	15 675,177	266 981,511	17,032	16,565
34	98 593	14 733,714	243 016,251	16,494	16,026	34	99 154	14 817,585	251 306,334	16,960	16,492
35	98 513	13 921,370	228 282,537	16,398	15,930	35	99 115	14 006,420	236 488,749	16,884	16,417
36	98 426	13 152,730	214 361,167	16,298	15,830	36	99 075	13 239,511	222 482,328	16,804	16,337
37	98 339	12 426,534	201 208,438	16,192	15,724	37	99 029	12 513,763	209 242,817	16,721	16,253
38	98 246	11 739,849	188 781,904	16,080	15,613	38	98 983	11 827,899	196 729,055	16,633	16,165
39	98 143	11 089,861	177 042,055	15,964	15,497	39	98 925	11 178,224	184 901,156	16,541	16,074
40	98 036	10 475,421	165 952,193	15,842	15,374	40	98 866	10 564,128	173 722,931	16,445	15,977
41	97 913	9 893,387	155 476,772	15,715	15,248	41	98 799	9 982,939	163 158,804	16,344	15,876
42	97 783	9 343,057	145 583,385	15,582	15,114	42	98 724	9 432,930	153 175,864	16,238	15,771
43	97 638	8 821,878	136 240,328	15,443	14,976	43	98 642	8 912,626	143 742,934	16,128	15,660
44	97 478	8 328,540	127 418,451	15,299	14,831	44	98 553	8 420,431	134 830,308	16,012	15,545
45	97 303	7 861,546	119 089,911	15,148	14,681	45	98 453	7 954,460	126 409,877	15,892	15,424
46	97 104	7 418,889	111 228,365	14,993	14,525	46	98 343	7 513,584	118 455,417	15,766	15,298
47	96 892	7 000,170	103 809,476	14,830	14,362	47	98 218	7 096,023	110 941,833	15,634	15,167
48	96 651	6 603,092	96 809,305	14,661	14,194	48	98 078	6 700,568	103 845,810	15,498	15,030
49	96 382	6 226,670	90 206,213	14,487	14,019	49	97 921	6 326,099	97 145,243	15,356	14,889

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 5,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	5 869,575	83 979,543	14,308	13,840	50	97 743	5 971,290	90 819,144	15,209	14,742
51	95 740	5 530,901	78 109,968	14,122	13,655	51	97 551	5 635,483	84 847,854	15,056	14,588
52	95 371	5 209,973	72 579,067	13,931	13,463	52	97 335	5 317,291	79 212,371	14,897	14,430
53	94 949	4 904,886	67 369,095	13,735	13,268	53	97 096	5 015,825	73 895,080	14,732	14,265
54	94 475	4 615,062	62 464,209	13,535	13,067	54	96 831	4 730,134	68 879,255	14,562	14,094
55	93 949	4 339,799	57 849,146	13,330	12,862	55	96 539	4 459,478	64 149,122	14,385	13,917
56	93 371	4 078,597	53 509,347	13,120	12,652	56	96 220	4 203,028	59 689,644	14,202	13,734
57	92 733	3 830,486	49 430,750	12,905	12,437	57	95 871	3 960,111	55 486,616	14,011	13,544
58	92 034	3 594,896	45 600,264	12,685	12,217	58	95 489	3 729,836	51 526,505	13,815	13,347
59	91 257	3 370,736	42 005,369	12,462	11,994	59	95 067	3 511,475	47 796,670	13,612	13,144
60	90 413	3 157,972	38 634,633	12,234	11,766	60	94 608	3 304,506	44 285,195	13,401	12,934
61	89 505	2 956,277	35 476,661	12,000	11,533	61	94 098	3 107,982	40 980,689	13,186	12,718
62	88 522	2 764,816	32 520,384	11,762	11,295	62	93 572	2 922,546	37 872,707	12,959	12,491
63	87 448	2 582,778	29 755,569	11,521	11,053	63	93 003	2 746,843	34 950,161	12,724	12,256
64	86 305	2 410,426	27 172,791	11,273	10,805	64	92 391	2 580,385	32 203,318	12,480	12,012
65	85 073	2 246,821	24 762,364	11,021	10,553	65	91 717	2 422,298	29 622,933	12,229	11,762
66	83 766	2 092,004	22 515,544	10,763	10,295	66	90 983	2 272,237	27 200,634	11,971	11,503
67	82 397	1 945,918	20 423,540	10,496	10,028	67	90 188	2 129,918	24 928,397	11,704	11,236
68	80 917	1 807,075	18 477,621	10,225	9,758	68	89 314	1 994,581	22 798,480	11,430	10,963
69	79 404	1 676,857	16 670,547	9,942	9,474	69	88 401	1 866,862	20 803,899	11,144	10,676
70	77 765	1 552,960	14 993,689	9,655	9,187	70	87 414	1 745,632	18 937,036	10,848	10,381
71	76 023	1 435,619	13 440,729	9,362	8,895	71	86 349	1 630,604	17 191,405	10,543	10,075
72	74 169	1 324,447	12 005,110	9,064	8,597	72	85 192	1 521,295	15 560,801	10,229	9,761
73	72 229	1 219,683	10 680,662	8,757	8,289	73	83 965	1 417,848	14 039,506	9,902	9,434
74	70 186	1 120,728	9 460,980	8,442	7,974	74	82 665	1 319,996	12 621,658	9,562	9,094
75	68 016	1 027,023	8 340,251	8,121	7,653	75	81 251	1 226,868	11 301,662	9,212	8,744
76	65 701	938,128	7 313,229	7,796	7,328	76	79 701	1 138,038	10 074,794	8,853	8,385
77	63 228	853,726	6 375,100	7,467	7,000	77	77 962	1 052,670	8 936,756	8,490	8,022
78	60 619	774,000	5 521,375	7,134	6,666	78	76 055	971,093	7 884,086	8,119	7,651
79	57 816	698,070	4 747,374	6,801	6,333	79	73 918	892,487	6 912,994	7,746	7,278
80	54 794	625,604	4 049,304	6,473	6,005	80	71 485	816,173	6 020,507	7,377	6,909
81	51 583	556,930	3 423,700	6,147	5,680	81	68 739	742,152	5 204,334	7,012	6,545
82	48 151	491,608	2 866,771	5,831	5,364	82	65 710	670,875	4 462,182	6,651	6,184
83	44 551	430,118	2 375,163	5,522	5,055	83	62 402	602,461	3 791,307	6,293	5,825
84	40 773	372,239	1 945,045	5,225	4,758	84	58 778	536,614	3 188,846	5,943	5,475
85	36 886	318,445	1 572,806	4,939	4,471	85	54 827	473,326	2 652,232	5,603	5,136
86	32 921	268,755	1 254,361	4,667	4,200	86	50 593	413,026	2 178,907	5,275	4,808
87	28 969	223,639	985,606	4,407	3,940	87	46 095	355,844	1 765,881	4,963	4,495
88	25 117	183,355	761,967	4,156	3,688	88	41 430	302,445	1 410,037	4,662	4,195
89	21 411	147,805	578,612	3,915	3,447	89	36 673	253,160	1 107,592	4,375	3,907
90	17 933	117,064	430,807	3,680	3,213	90	31 872	208,054	854,432	4,107	3,639
91	14 713	90,822	313,744	3,454	2,987	91	27 157	167,636	646,378	3,856	3,388
92	11 735	68,501	222,921	3,254	2,787	92	22 613	131,995	478,742	3,627	3,159
93	9 104	50,251	154,421	3,073	2,605	93	18 371	101,407	346,747	3,419	2,952
94	6 884	35,932	104,170	2,899	2,432	94	14 528	75,833	245,340	3,235	2,768
95	5 001	24,685	68,238	2,764	2,297	95	11 112	54,845	169,507	3,091	2,623
96	3 571	16,668	43,553	2,613	2,145	96	8 344	38,947	114,662	2,944	2,476
97	2 455	10,835	26,884	2,481	2,014	97	6 096	26,905	75,714	2,814	2,347
98	1 625	6,782	16,049	2,366	1,899	98	4 407	18,393	48,810	2,654	2,186
99	1 037	4,095	9,267	2,263	1,796	99	3 064	12,093	30,417	2,515	2,048
100	638	2,382	5,172	2,171	1,704	100	2 051	7,656	18,324	2,394	1,926

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 732 513,255	17,325	16,857	0	100 000	100 000,000	1 741 291,901	17,413	16,945
1	99 645	94 005,038	1 632 513,255	17,366	16,898	1	99 694	94 050,579	1 641 291,901	17,451	16,983
2	99 618	88 659,841	1 538 508,216	17,353	16,885	2	99 671	88 706,461	1 547 241,322	17,442	16,974
3	99 603	83 628,314	1 449 848,375	17,337	16,869	3	99 659	83 675,375	1 458 534,861	17,431	16,963
4	99 590	78 884,478	1 366 220,062	17,319	16,851	4	99 647	78 929,628	1 374 859,486	17,419	16,951
5	99 578	74 410,688	1 287 335,583	17,300	16,832	5	99 638	74 455,143	1 295 929,858	17,406	16,938
6	99 569	70 192,147	1 212 924,896	17,280	16,812	6	99 630	70 235,433	1 221 474,715	17,391	16,923
7	99 559	66 212,139	1 142 732,749	17,259	16,791	7	99 624	66 255,481	1 151 239,282	17,376	16,908
8	99 550	62 459,023	1 076 520,610	17,236	16,768	8	99 619	62 502,089	1 084 983,801	17,359	16,891
9	99 542	58 918,806	1 014 061,587	17,211	16,743	9	99 613	58 960,585	1 022 481,712	17,342	16,874
10	99 534	55 579,310	955 142,780	17,185	16,717	10	99 606	55 619,594	963 521,128	17,323	16,855
11	99 526	52 429,279	899 563,470	17,158	16,690	11	99 600	52 468,206	907 901,534	17,304	16,836
12	99 518	49 457,167	847 134,192	17,129	16,661	12	99 593	49 494,621	855 433,328	17,283	16,815
13	99 510	46 654,048	797 677,025	17,098	16,630	13	99 585	46 689,344	805 938,707	17,262	16,794
14	99 500	44 009,044	751 022,977	17,065	16,597	14	99 576	44 042,775	759 249,363	17,239	16,771
15	99 488	41 512,952	707 013,932	17,031	16,563	15	99 566	41 545,428	715 206,588	17,215	16,747
16	99 473	39 157,276	665 500,981	16,996	16,528	16	99 554	39 188,897	673 661,160	17,190	16,722
17	99 448	36 931,312	626 343,705	16,960	16,492	17	99 540	36 965,441	634 472,263	17,164	16,696
18	99 418	34 830,644	589 412,393	16,922	16,454	18	99 525	34 867,951	597 506,822	17,136	16,668
19	99 380	32 846,502	554 581,749	16,884	16,416	19	99 505	32 887,595	562 638,871	17,108	16,640
20	99 339	30 974,327	521 735,247	16,844	16,376	20	99 485	31 020,044	529 751,276	17,078	16,610
21	99 294	29 207,892	490 760,920	16,802	16,334	21	99 467	29 258,774	498 731,231	17,046	16,578
22	99 250	27 542,293	461 553,028	16,758	16,290	22	99 451	27 598,047	469 472,457	17,011	16,543
23	99 205	25 971,576	434 010,736	16,711	16,243	23	99 433	26 031,388	441 874,410	16,975	16,507
24	99 159	24 490,235	408 039,160	16,661	16,193	24	99 412	24 552,585	415 843,022	16,937	16,469
25	99 111	23 092,827	383 548,924	16,609	16,141	25	99 395	23 158,888	391 290,438	16,896	16,428
26	99 064	21 775,204	360 456,097	16,554	16,086	26	99 376	21 843,934	368 131,550	16,853	16,385
27	99 017	20 532,912	338 680,893	16,495	16,027	27	99 357	20 603,475	346 287,616	16,807	16,339
28	98 965	19 360,450	318 147,981	16,433	15,965	28	99 335	19 432,995	325 684,141	16,759	16,291
29	98 914	18 255,167	298 787,531	16,367	15,899	29	99 311	18 328,442	306 251,147	16,709	16,241
30	98 857	17 211,995	280 532,364	16,299	15,831	30	99 285	17 286,508	287 922,705	16,656	16,188
31	98 800	16 228,376	263 320,369	16,226	15,758	31	99 255	16 303,184	270 636,196	16,600	16,132
32	98 732	15 299,250	247 091,993	16,151	15,683	32	99 224	15 375,453	254 333,012	16,541	16,074
33	98 663	14 423,144	231 792,743	16,071	15,603	33	99 189	14 500,111	238 957,559	16,480	16,012
34	98 593	13 597,078	217 369,598	15,986	15,519	34	99 154	13 674,479	224 457,448	16,414	15,946
35	98 513	12 817,103	203 772,520	15,898	15,431	35	99 115	12 895,406	210 782,969	16,346	15,878
36	98 426	12 080,872	190 955,418	15,806	15,338	36	99 075	12 160,581	197 887,563	16,273	15,805
37	98 339	11 386,937	178 874,546	15,709	15,241	37	99 029	11 466,868	185 726,981	16,197	15,729
38	98 246	10 732,328	167 487,609	15,606	15,138	38	98 983	10 812,821	174 260,113	16,116	15,648
39	98 143	10 114,211	156 755,281	15,499	15,031	39	98 925	10 194,801	163 447,292	16,032	15,564
40	98 036	9 531,295	146 641,070	15,385	14,917	40	98 866	9 612,007	153 252,492	15,944	15,476
41	97 913	8 980,488	137 109,775	15,268	14,800	41	98 799	9 061,777	143 640,485	15,851	15,383
42	97 783	8 460,937	128 129,287	15,144	14,676	42	98 724	8 542,324	134 578,708	15,754	15,286
43	97 638	7 970,123	119 668,350	15,015	14,547	43	98 642	8 052,109	126 036,383	15,653	15,185
44	97 478	7 506,670	111 698,227	14,880	14,412	44	98 553	7 589,493	117 984,274	15,546	15,078
45	97 303	7 069,048	104 191,557	14,739	14,271	45	98 453	7 152,596	110 394,780	15,434	14,966
46	97 104	6 655,281	97 122,509	14,593	14,125	46	98 343	6 740,229	103 242,184	15,317	14,849
47	96 892	6 264,849	90 467,228	14,440	13,972	47	98 218	6 350,633	96 501,955	15,196	14,728
48	96 651	5 895,544	84 202,379	14,282	13,814	48	98 078	5 982,574	90 151,323	15,069	14,601
49	96 382	5 546,345	78 306,835	14,119	13,651	49	97 921	5 634,910	84 168,748	14,937	14,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	5 215,935	72 760,490	13,950	13,482	50	97 743	5 306,323	78 533,838	14,800	14,332
51	95 740	4 903,384	67 544,555	13,775	13,307	51	97 551	4 996,100	73 227,515	14,657	14,189
52	95 371	4 607,974	62 641,170	13,594	13,126	52	97 335	4 702,892	68 231,414	14,508	14,040
53	94 949	4 327,908	58 033,197	13,409	12,941	53	97 096	4 425,797	63 528,523	14,354	13,886
54	94 475	4 062,573	53 705,289	13,220	12,752	54	96 831	4 163,868	59 102,726	14,194	13,726
55	93 949	3 811,252	49 642,716	13,025	12,557	55	96 539	3 916,355	54 938,858	14,028	13,560
56	93 371	3 573,415	45 831,464	12,826	12,358	56	96 220	3 682,433	51 022,502	13,856	13,388
57	92 733	3 348,120	42 258,049	12,621	12,153	57	95 871	3 461,421	47 340,069	13,676	13,209
58	92 034	3 134,786	38 909,930	12,412	11,944	58	95 489	3 252,455	43 878,648	13,491	13,023
59	91 257	2 932,384	35 775,143	12,200	11,732	59	95 067	3 054,821	40 626,193	13,299	12,831
60	90 413	2 740,810	32 842,759	11,983	11,515	60	94 608	2 867,987	37 571,372	13,100	12,632
61	89 505	2 559,707	30 101,949	11,760	11,292	61	94 098	2 691,062	34 703,385	12,896	12,428
62	88 522	2 388,283	27 542,242	11,532	11,064	62	93 572	2 524,533	32 012,324	12,680	12,213
63	87 448	2 225,775	25 153,959	11,301	10,833	63	93 003	2 367,162	29 487,791	12,457	11,989
64	86 305	2 072,347	22 928,184	11,064	10,596	64	92 391	2 218,468	27 120,628	12,225	11,757
65	85 073	1 927,133	20 855,837	10,822	10,354	65	91 717	2 077,643	24 902,160	11,986	11,518
66	83 766	1 790,112	18 928,704	10,574	10,106	66	90 983	1 944,336	22 824,518	11,739	11,271
67	82 397	1 661,181	17 138,592	10,317	9,849	67	90 188	1 818,256	20 880,182	11,484	11,016
68	80 917	1 539,015	15 477,412	10,057	9,589	68	89 314	1 698,707	19 061,925	11,221	10,753
69	79 404	1 424,746	13 938,397	9,783	9,315	69	88 401	1 586,184	17 363,219	10,947	10,479
70	77 765	1 316,364	12 513,651	9,506	9,038	70	87 414	1 479,682	15 777,035	10,662	10,194
71	76 023	1 214,030	11 197,287	9,223	8,755	71	86 349	1 378,919	14 297,353	10,369	9,901
72	74 169	1 117,376	9 983,256	8,935	8,467	72	85 192	1 283,448	12 918,434	10,065	9,597
73	72 229	1 026,564	8 865,880	8,636	8,168	73	83 965	1 193,353	11 634,986	9,750	9,282
74	70 186	941,053	7 839,316	8,330	7,862	74	82 665	1 108,374	10 441,633	9,421	8,953
75	68 016	860,336	6 898,262	8,018	7,550	75	81 251	1 027,747	9 333,259	9,081	8,613
76	65 701	784,016	6 037,926	7,701	7,233	76	79 701	951,085	8 305,512	8,733	8,265
77	63 228	711,796	5 253,910	7,381	6,913	77	77 962	877,667	7 354,427	8,380	7,912
78	60 619	643,803	4 542,113	7,055	6,587	78	76 055	807,742	6 476,760	8,018	7,550
79	57 816	579,275	3 898,310	6,730	6,262	79	73 918	740,607	5 669,019	7,655	7,187
80	54 794	517,917	3 319,035	6,408	5,940	80	71 485	675,683	4 928,411	7,294	6,826
81	51 583	459,976	2 801,118	6,090	5,622	81	68 739	612,954	4 252,728	6,938	6,470
82	48 151	405,069	2 341,141	5,780	5,312	82	65 710	552,779	3 639,774	6,584	6,117
83	44 551	353,567	1 936,072	5,476	5,008	83	62 402	495,237	3 086,994	6,233	5,765
84	40 773	305,268	1 582,505	5,184	4,716	84	58 778	440,069	2 591,757	5,889	5,421
85	36 886	260,536	1 277,238	4,902	4,434	85	54 827	387,252	2 151,688	5,556	5,088
86	32 921	219,363	1 016,701	4,635	4,167	86	50 593	337,120	1 764,437	5,234	4,766
87	28 969	182,109	797,338	4,378	3,910	87	46 095	289,762	1 427,316	4,926	4,458
88	25 117	148,953	615,230	4,130	3,662	88	41 430	245,699	1 137,554	4,630	4,162
89	21 411	119,790	466,277	3,892	3,424	89	36 673	205,176	891,855	4,347	3,879
90	17 933	94,652	346,487	3,661	3,193	90	31 872	168,222	686,679	4,082	3,614
91	14 713	73,261	251,835	3,438	2,970	91	27 157	135,222	518,457	3,834	3,366
92	11 735	55,125	178,574	3,239	2,771	92	22 613	106,221	383,235	3,608	3,140
93	9 104	40,344	123,449	3,060	2,592	93	18 371	81,414	277,014	3,403	2,935
94	6 884	28,780	83,105	2,888	2,420	94	14 528	60,738	195,600	3,220	2,752
95	5 001	19,725	54,326	2,754	2,286	95	11 112	43,825	134,862	3,077	2,609
96	3 571	13,288	34,601	2,604	2,136	96	8 344	31,048	91,037	2,932	2,464
97	2 455	8,617	21,313	2,473	2,005	97	6 096	21,397	59,989	2,804	2,336
98	1 625	5,381	12,696	2,359	1,891	98	4 407	14,593	38,592	2,645	2,177
99	1 037	3,241	7,315	2,257	1,789	99	3 064	9,572	23,999	2,507	2,039
100	638	1,881	4,074	2,166	1,698	100	2 051	6,045	14,427	2,386	1,918

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 670 618,851	16,706	16,238	0	100 000	100 000,000	1 678 306,232	16,783	16,315
1	99 645	93 783,850	1 570 618,851	16,747	16,279	1	99 694	93 829,284	1 578 306,232	16,821	16,353
2	99 618	88 243,109	1 476 835,001	16,736	16,268	2	99 671	88 289,510	1 484 476,948	16,814	16,345
3	99 603	83 039,384	1 388 591,892	16,722	16,254	3	99 659	83 086,114	1 396 187,438	16,804	16,336
4	99 590	78 144,652	1 305 552,508	16,707	16,239	4	99 647	78 189,379	1 313 101,324	16,794	16,326
5	99 578	73 539,378	1 227 407,856	16,690	16,222	5	99 638	73 583,312	1 234 911,945	16,783	16,314
6	99 569	69 207,010	1 153 868,478	16,673	16,204	6	99 630	69 249,688	1 161 328,633	16,770	16,302
7	99 559	65 129,254	1 084 661,468	16,654	16,186	7	99 624	65 171,887	1 092 078,945	16,757	16,289
8	99 550	61 292,960	1 019 532,214	16,634	16,165	8	99 619	61 335,223	1 026 907,058	16,743	16,274
9	99 542	57 682,793	958 239,254	16,612	16,144	9	99 613	57 723,695	965 571,835	16,727	16,259
10	99 534	54 285,322	900 556,461	16,589	16,121	10	99 606	54 324,668	907 848,140	16,712	16,243
11	99 526	51 088,138	846 271,139	16,565	16,097	11	99 600	51 126,069	853 523,473	16,694	16,226
12	99 518	48 078,660	795 183,001	16,539	16,071	12	99 593	48 115,070	802 397,403	16,677	16,208
13	99 510	45 246,957	747 104,342	16,512	16,043	13	99 585	45 281,189	754 282,334	16,658	16,189
14	99 500	42 581,299	701 857,384	16,483	16,014	14	99 576	42 613,936	709 001,145	16,638	16,169
15	99 488	40 071,677	659 276,085	16,452	15,984	15	99 566	40 103,025	666 387,209	16,617	16,149
16	99 473	37 708,851	619 204,408	16,421	15,952	16	99 554	37 739,302	626 284,183	16,595	16,127
17	99 448	35 481,542	581 495,558	16,389	15,920	17	99 540	35 514,331	588 544,882	16,572	16,104
18	99 418	33 384,601	546 014,016	16,355	15,887	18	99 525	33 420,359	553 030,550	16,548	16,079
19	99 380	31 408,755	512 629,416	16,321	15,853	19	99 505	31 448,050	519 610,192	16,523	16,054
20	99 339	29 548,838	481 220,660	16,286	15,817	20	99 485	29 592,451	488 162,142	16,496	16,028
21	99 294	27 798,136	451 671,822	16,248	15,780	21	99 467	27 846,562	458 569,690	16,468	15,999
22	99 250	26 151,251	423 873,686	16,209	15,740	22	99 451	26 204,190	430 723,128	16,437	15,969
23	99 205	24 601,841	397 722,435	16,166	15,698	23	99 433	24 658,499	404 518,939	16,405	15,936
24	99 159	23 144,041	373 120,594	16,122	15,653	24	99 412	23 202,963	379 860,440	16,371	15,903
25	99 111	21 772,097	349 976,552	16,075	15,606	25	99 395	21 834,380	356 657,476	16,335	15,866
26	99 064	20 481,527	328 204,455	16,024	15,556	26	99 376	20 546,173	334 823,096	16,296	15,828
27	99 017	19 267,597	307 722,928	15,971	15,503	27	99 357	19 333,812	314 276,924	16,255	15,787
28	98 965	18 124,640	288 455,331	15,915	15,447	28	99 335	18 192,554	294 943,112	16,212	15,744
29	98 914	17 049,698	270 330,691	15,855	15,387	29	99 311	17 118,134	276 750,557	16,167	15,699
30	98 857	16 037,586	253 280,993	15,793	15,325	30	99 285	16 107,015	259 632,424	16,119	15,651
31	98 800	15 085,503	237 243,407	15,727	15,258	31	99 255	15 155,043	243 525,408	16,069	15,601
32	98 732	14 188,347	222 157,904	15,658	15,189	32	99 224	14 259,017	228 370,366	16,016	15,548
33	98 663	13 344,384	207 969,557	15,585	15,116	33	99 189	13 415,593	214 111,349	15,960	15,492
34	98 593	12 550,502	194 625,174	15,507	15,039	34	99 154	12 621,945	200 695,755	15,901	15,432
35	98 513	11 802,725	182 074,672	15,426	14,958	35	99 115	11 874,832	188 073,810	15,838	15,370
36	98 426	11 098,586	170 271,946	15,342	14,873	36	99 075	11 171,814	176 198,978	15,772	15,303
37	98 339	10 436,459	159 173,361	15,252	14,783	37	99 029	10 509,719	165 027,164	15,702	15,234
38	98 246	9 813,346	148 736,901	15,157	14,688	38	98 983	9 886,948	154 517,446	15,628	15,160
39	98 143	9 226,398	138 923,555	15,057	14,589	39	98 925	9 299,913	144 630,498	15,552	15,083
40	98 036	8 674,191	129 697,157	14,952	14,484	40	98 866	8 747,645	135 330,586	15,471	15,002
41	97 913	8 153,685	121 022,966	14,843	14,374	41	98 799	8 227,490	126 582,941	15,385	14,917
42	97 783	7 663,892	112 869,281	14,727	14,259	42	98 724	7 737,613	118 355,451	15,296	14,828
43	97 638	7 202,327	105 205,390	14,607	14,139	43	98 642	7 276,416	110 617,838	15,202	14,734
44	97 478	6 767,560	98 003,062	14,481	14,013	44	98 553	6 842,228	103 341,423	15,103	14,635
45	97 303	6 358,031	91 235,503	14,350	13,881	45	98 453	6 433,175	96 499,194	15,000	14,532
46	97 104	5 971,796	84 877,472	14,213	13,745	46	98 343	6 048,021	90 066,019	14,892	14,423
47	96 892	5 608,235	78 905,675	14,070	13,601	47	98 218	5 685,027	84 017,998	14,779	14,310
48	96 651	5 265,218	73 297,441	13,921	13,453	48	98 078	5 342,943	78 332,971	14,661	14,193
49	96 382	4 941,699	68 032,223	13,767	13,299	49	97 921	5 020,609	72 990,028	14,538	14,070

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	4 636,375	63 090,524	13,608	13,139	50	97 743	4 716,719	67 969,419	14,410	13,942
51	95 740	4 348,297	58 454,149	13,443	12,975	51	97 551	4 430,517	63 252,699	14,277	13,808
52	95 371	4 076,713	54 105,852	13,272	12,804	52	97 335	4 160,688	58 822,182	14,138	13,669
53	94 949	3 819,927	50 029,139	13,097	12,629	53	97 096	3 906,327	54 661,494	13,993	13,525
54	94 475	3 577,299	46 209,212	12,917	12,449	54	96 831	3 666,494	50 755,167	13,843	13,375
55	93 949	3 348,102	42 631,913	12,733	12,265	55	96 539	3 440,433	47 088,673	13,687	13,218
56	93 371	3 131,780	39 283,811	12,544	12,075	56	96 220	3 227,325	43 648,240	13,525	13,056
57	92 733	2 927,425	36 152,031	12,349	11,881	57	95 871	3 026,490	40 420,915	13,356	12,887
58	92 034	2 734,448	33 224,606	12,150	11,682	58	95 489	2 837,090	37 394,425	13,181	12,712
59	91 257	2 551,876	30 490,158	11,948	11,480	59	95 067	2 658,425	34 557,335	12,999	12,531
60	90 413	2 379,548	27 938,282	11,741	11,273	60	94 608	2 489,962	31 898,910	12,811	12,343
61	89 505	2 217,087	25 558,734	11,528	11,060	61	94 098	2 330,860	29 408,948	12,617	12,149
62	88 522	2 063,741	23 341,647	11,310	10,842	62	93 572	2 181,476	27 078,089	12,413	11,944
63	87 448	1 918,791	21 277,905	11,089	10,621	63	93 003	2 040,678	24 896,612	12,200	11,732
64	86 305	1 782,321	19 359,115	10,862	10,393	64	92 391	1 907,992	22 855,935	11,979	11,511
65	85 073	1 653,529	17 576,794	10,630	10,162	65	91 717	1 782,671	20 947,943	11,751	11,283
66	83 766	1 532,348	15 923,265	10,391	9,923	66	90 983	1 664,365	19 165,272	11,515	11,047
67	82 397	1 418,636	14 390,917	10,144	9,676	67	90 188	1 552,777	17 500,908	11,271	10,802
68	80 917	1 311,215	12 972,281	9,893	9,425	68	89 314	1 447,270	15 948,130	11,019	10,551
69	79 404	1 211,003	11 661,066	9,629	9,161	69	88 401	1 348,222	14 500,861	10,756	10,287
70	77 765	1 116,249	10 450,063	9,362	8,893	70	87 414	1 254,738	13 152,639	10,482	10,014
71	76 023	1 027,049	9 333,814	9,088	8,620	71	86 349	1 166,542	11 897,900	10,199	9,731
72	74 169	943,057	8 306,765	8,808	8,340	72	85 192	1 083,221	10 731,358	9,907	9,439
73	72 229	864,374	7 363,708	8,519	8,051	73	83 965	1 004,811	9 648,137	9,602	9,134
74	70 186	790,509	6 499,333	8,222	7,753	74	82 665	931,063	8 643,326	9,283	8,815
75	68 016	721,004	5 708,824	7,918	7,450	75	81 251	861,302	7 712,263	8,954	8,486
76	65 701	655,498	4 987,820	7,609	7,141	76	79 701	795,181	6 850,961	8,616	8,147
77	63 228	593,717	4 332,322	7,297	6,829	77	77 962	732,071	6 055,780	8,272	7,804
78	60 619	535,739	3 738,606	6,978	6,510	78	76 055	672,160	5 323,709	7,920	7,452
79	57 816	480,908	3 202,867	6,660	6,192	79	73 918	614,844	4 651,549	7,565	7,097
80	54 794	428,958	2 721,958	6,346	5,877	80	71 485	559,625	4 036,705	7,213	6,745
81	51 583	380,073	2 293,000	6,033	5,565	81	68 739	506,476	3 477,080	6,865	6,397
82	48 151	333,915	1 912,928	5,729	5,260	82	65 710	455,680	2 970,603	6,519	6,051
83	44 551	290,775	1 579,012	5,430	4,962	83	62 402	407,285	2 514,924	6,175	5,706
84	40 773	250,462	1 288,238	5,143	4,675	84	58 778	361,062	2 107,639	5,837	5,369
85	36 886	213,259	1 037,775	4,866	4,398	85	54 827	316,980	1 746,576	5,510	5,042
86	32 921	179,135	824,516	4,603	4,134	86	50 593	275,297	1 429,596	5,193	4,725
87	28 969	148,362	645,381	4,350	3,882	87	46 095	236,066	1 154,299	4,890	4,421
88	25 117	121,065	497,019	4,105	3,637	88	41 430	199,698	918,233	4,598	4,130
89	21 411	97,133	375,954	3,871	3,402	89	36 673	166,369	718,535	4,319	3,851
90	17 933	76,569	278,821	3,641	3,173	90	31 872	136,083	552,166	4,058	3,589
91	14 713	59,125	202,253	3,421	2,952	91	27 157	109,131	416,082	3,813	3,344
92	11 735	44,384	143,127	3,225	2,756	92	22 613	85,524	306,951	3,589	3,121
93	9 104	32,406	98,743	3,047	2,579	93	18 371	65,396	221,427	3,386	2,918
94	6 884	23,063	66,337	2,876	2,408	94	14 528	48,673	156,031	3,206	2,737
95	5 001	15,770	43,274	2,744	2,276	95	11 112	35,037	107,358	3,064	2,596
96	3 571	10,598	27,504	2,595	2,127	96	8 344	24,764	72,321	2,920	2,452
97	2 455	6,857	16,906	2,466	1,997	97	6 096	17,026	47,557	2,793	2,325
98	1 625	4,272	10,050	2,352	1,884	98	4 407	11,585	30,531	2,635	2,167
99	1 037	2,567	5,778	2,251	1,783	99	3 064	7,581	18,946	2,499	2,031
100	638	1,486	3,211	2,160	1,692	100	2 051	4,777	11,365	2,379	1,911

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 612 999,945	16,130	15,661	0	100 000	100 000,000	1 619 755,425	16,198	15,729
1	99 645	93 563,700	1 512 999,945	16,171	15,702	1	99 694	93 609,027	1 519 755,425	16,235	15,766
2	99 618	87 829,308	1 419 436,245	16,161	15,693	2	99 671	87 875,491	1 426 146,398	16,229	15,760
3	99 603	82 455,971	1 331 606,937	16,149	15,681	3	99 659	82 502,373	1 338 270,907	16,221	15,752
4	99 590	77 413,479	1 249 150,965	16,136	15,667	4	99 647	77 457,788	1 255 768,534	16,212	15,744
5	99 578	72 680,282	1 171 737,486	16,122	15,653	5	99 638	72 723,704	1 178 310,746	16,203	15,734
6	99 569	68 237,966	1 099 057,203	16,106	15,638	6	99 630	68 280,047	1 105 587,043	16,192	15,723
7	99 559	64 066,562	1 030 819,238	16,090	15,621	7	99 624	64 108,500	1 037 306,996	16,180	15,712
8	99 550	60 151,332	966 752,675	16,072	15,603	8	99 619	60 192,807	973 198,497	16,168	15,699
9	99 542	56 475,523	906 601,344	16,053	15,584	9	99 613	56 515,568	913 005,690	16,155	15,686
10	99 534	53 024,395	850 125,821	16,033	15,564	10	99 606	53 062,828	856 490,122	16,141	15,672
11	99 526	49 784,336	797 101,426	16,011	15,542	11	99 600	49 821,299	803 427,294	16,126	15,657
12	99 518	46 741,681	747 317,090	15,988	15,519	12	99 593	46 777,078	753 605,995	16,111	15,642
13	99 510	43 885,463	700 575,410	15,964	15,495	13	99 585	43 918,664	706 828,917	16,094	15,625
14	99 500	41 203,067	656 689,947	15,938	15,469	14	99 576	41 234,647	662 910,253	16,077	15,608
15	99 488	38 683,653	615 486,880	15,911	15,442	15	99 566	38 713,916	621 675,606	16,058	15,589
16	99 473	36 317,219	576 803,227	15,882	15,414	16	99 554	36 346,547	582 961,690	16,039	15,570
17	99 448	34 091,892	540 486,008	15,854	15,385	17	99 540	34 123,398	546 615,143	16,019	15,550
18	99 418	32 001,781	506 394,116	15,824	15,355	18	99 525	32 036,058	512 491,745	15,997	15,529
19	99 380	30 037,101	474 392,335	15,794	15,325	19	99 505	30 074,680	480 455,688	15,975	15,507
20	99 339	28 192,074	444 355,234	15,762	15,293	20	99 485	28 233,685	450 381,008	15,952	15,483
21	99 294	26 459,499	416 163,160	15,728	15,260	21	99 467	26 505,593	422 147,323	15,927	15,458
22	99 250	24 833,490	389 703,661	15,693	15,224	22	99 451	24 883,761	395 641,730	15,900	15,431
23	99 205	23 307,314	364 870,171	15,655	15,186	23	99 433	23 360,990	370 757,969	15,871	15,402
24	99 159	21 874,752	341 562,857	15,614	15,146	24	99 412	21 930,443	347 396,979	15,841	15,372
25	99 111	20 529,744	319 688,105	15,572	15,103	25	99 395	20 588,473	325 466,537	15,808	15,339
26	99 064	19 267,481	299 158,360	15,527	15,058	26	99 376	19 328,295	304 878,064	15,774	15,305
27	99 017	18 082,959	279 890,880	15,478	15,009	27	99 357	18 145,102	285 549,769	15,737	15,268
28	98 965	16 970,344	261 807,921	15,427	14,959	28	99 335	17 033,933	267 404,666	15,698	15,230
29	98 914	15 926,388	244 837,577	15,373	14,904	29	99 311	15 990,315	250 370,733	15,658	15,189
30	98 857	14 945,792	228 911,189	15,316	14,847	30	99 285	15 010,495	234 380,418	15,614	15,146
31	98 800	14 025,522	213 965,397	15,255	14,787	31	99 255	14 090,176	219 369,923	15,569	15,100
32	98 732	13 160,439	199 939,875	15,192	14,724	32	99 224	13 225,989	205 279,747	15,521	15,052
33	98 663	12 348,564	186 779,435	15,126	14,657	33	99 189	12 414,459	192 053,758	15,470	15,001
34	98 593	11 586,662	174 430,872	15,054	14,586	34	99 154	11 652,619	179 639,299	15,416	14,947
35	98 513	10 870,734	162 844,209	14,980	14,511	35	99 115	10 937,147	167 986,680	15,359	14,891
36	98 426	10 198,201	151 973,475	14,902	14,433	36	99 075	10 265,488	157 049,533	15,299	14,830
37	98 339	9 567,279	141 775,275	14,819	14,350	37	99 029	9 634,437	146 784,045	15,235	14,767
38	98 246	8 974,943	132 207,996	14,731	14,262	38	98 983	9 042,256	137 149,608	15,168	14,699
39	98 143	8 418,332	123 233,052	14,639	14,170	39	98 925	8 485,409	128 107,352	15,097	14,629
40	98 036	7 895,911	114 814,720	14,541	14,072	40	98 866	7 962,774	119 621,943	15,023	14,554
41	97 913	7 404,683	106 918,809	14,439	13,971	41	98 799	7 471,708	111 659,169	14,944	14,476
42	97 783	6 943,545	99 514,126	14,332	13,863	42	98 724	7 010,337	104 187,460	14,862	14,393
43	97 638	6 510,046	92 570,581	14,220	13,751	43	98 642	6 577,014	97 177,124	14,775	14,307
44	97 478	6 102,709	86 060,535	14,102	13,633	44	98 553	6 170,042	90 600,110	14,684	14,215
45	97 303	5 719,954	79 957,826	13,979	13,510	45	98 453	5 787,557	84 430,068	14,588	14,119
46	97 104	5 359,869	74 237,872	13,851	13,382	46	98 343	5 428,283	78 642,511	14,488	14,019
47	96 892	5 021,746	68 878,002	13,716	13,247	47	98 218	5 090,508	73 214,228	14,383	13,914
48	96 651	4 703,533	63 856,256	13,576	13,107	48	98 078	4 772,967	68 123,720	14,273	13,804
49	96 382	4 404,164	59 152,723	13,431	12,962	49	97 921	4 474,491	63 350,753	14,158	13,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	4 122,352	54 748,559	13,281	12,812	50	97 743	4 193,789	58 876,262	14,039	13,570
51	95 740	3 857,137	50 626,207	13,125	12,657	51	97 551	3 930,070	54 682,473	13,914	13,445
52	95 371	3 607,741	46 769,070	12,964	12,495	52	97 335	3 682,056	50 752,403	13,784	13,315
53	94 949	3 372,559	43 161,329	12,798	12,329	53	97 096	3 448,841	47 070,347	13,648	13,179
54	94 475	3 150,932	39 788,769	12,628	12,159	54	96 831	3 229,497	43 621,506	13,507	13,038
55	93 949	2 942,130	36 637,837	12,453	11,984	55	96 539	3 023,265	40 392,009	13,360	12,892
56	93 371	2 745,578	33 695,707	12,273	11,804	56	96 220	2 829,341	37 368,744	13,208	12,739
57	92 733	2 560,399	30 950,128	12,088	11,619	57	95 871	2 647,044	34 539,403	13,048	12,580
58	92 034	2 386,002	28 389,729	11,898	11,430	58	95 489	2 475,564	31 892,359	12,883	12,414
59	91 257	2 221,468	26 003,727	11,706	11,237	59	95 067	2 314,221	29 416,795	12,711	12,243
60	90 413	2 066,590	23 782,259	11,508	11,039	60	94 608	2 162,482	27 102,574	12,533	12,064
61	89 505	1 920,976	21 715,669	11,304	10,836	61	94 098	2 019,553	24 940,091	12,349	11,881
62	88 522	1 783,914	19 794,693	11,096	10,627	62	93 572	1 885,684	22 920,538	12,155	11,686
63	87 448	1 654,723	18 010,779	10,884	10,416	63	93 003	1 759,836	21 034,853	11,953	11,484
64	86 305	1 533,427	16 356,056	10,666	10,198	64	92 391	1 641,548	19 275,017	11,742	11,273
65	85 073	1 419,281	14 822,629	10,444	9,975	65	91 717	1 530,127	17 633,469	11,524	11,055
66	83 766	1 312,179	13 403,348	10,215	9,746	66	90 983	1 425,228	16 103,341	11,299	10,830
67	82 397	1 211,954	12 091,169	9,977	9,508	67	90 188	1 326,552	14 678,113	11,065	10,596
68	80 917	1 117,554	10 879,215	9,735	9,266	68	89 314	1 233,514	13 351,561	10,824	10,355
69	79 404	1 029,720	9 761,661	9,480	9,011	69	88 401	1 146,398	12 118,048	10,571	10,102
70	77 765	946,922	8 731,941	9,221	8,753	70	87 414	1 064,404	10 971,650	10,308	9,839
71	76 023	869,208	7 785,019	8,956	8,488	71	86 349	987,263	9 907,246	10,035	9,566
72	74 169	796,251	6 915,811	8,685	8,217	72	85 192	914,595	8 919,983	9,753	9,284
73	72 229	728,103	6 119,560	8,405	7,936	73	83 965	846,400	8 005,388	9,458	8,989
74	70 186	664,320	5 391,457	8,116	7,647	74	82 665	782,437	7 158,988	9,150	8,681
75	68 016	604,488	4 727,137	7,820	7,351	75	81 251	722,114	6 376,551	8,830	8,362
76	65 701	548,278	4 122,649	7,519	7,051	76	79 701	665,112	5 654,437	8,501	8,033
77	63 228	495,436	3 574,372	7,215	6,746	77	77 962	610,888	4 989,325	8,167	7,699
78	60 619	446,006	3 078,935	6,903	6,435	78	76 055	559,578	4 378,437	7,825	7,356
79	57 816	399,420	2 632,929	6,592	6,123	79	73 918	510,661	3 818,859	7,478	7,010
80	54 794	355,436	2 233,509	6,284	5,815	80	71 485	463,707	3 308,199	7,134	6,666
81	51 583	314,190	1 878,074	5,978	5,509	81	68 739	418,683	2 844,491	6,794	6,325
82	48 151	275,386	1 563,884	5,679	5,210	82	65 710	375,807	2 425,809	6,455	5,986
83	44 551	239,244	1 288,498	5,386	4,917	83	62 402	335,106	2 050,002	6,117	5,649
84	40 773	205,592	1 049,254	5,104	4,635	84	58 778	296,378	1 714,896	5,786	5,317
85	36 886	174,643	843,662	4,831	4,362	85	54 827	259,582	1 418,517	5,465	4,996
86	32 921	146,353	669,019	4,571	4,103	86	50 593	224,918	1 158,935	5,153	4,684
87	28 969	120,927	522,666	4,322	3,853	87	46 095	192,414	934,017	4,854	4,385
88	25 117	98,446	401,738	4,081	3,612	88	41 430	162,388	741,604	4,567	4,098
89	21 411	78,800	303,292	3,849	3,380	89	36 673	134,969	579,215	4,291	3,823
90	17 933	61,971	224,492	3,623	3,154	90	31 872	110,140	444,247	4,033	3,565
91	14 713	47,741	162,520	3,404	2,935	91	27 157	88,118	334,107	3,792	3,323
92	11 735	35,754	114,779	3,210	2,742	92	22 613	68,895	245,988	3,570	3,102
93	9 104	26,044	79,025	3,034	2,566	93	18 371	52,557	177,093	3,370	2,901
94	6 884	18,492	52,981	2,865	2,396	94	14 528	39,025	124,536	3,191	2,722
95	5 001	12,614	34,490	2,734	2,265	95	11 112	28,026	85,511	3,051	2,582
96	3 571	8,458	21,876	2,586	2,118	96	8 344	19,762	57,485	2,909	2,440
97	2 455	5,459	13,418	2,458	1,989	97	6 096	13,555	37,722	2,783	2,314
98	1 625	3,393	7,959	2,346	1,877	98	4 407	9,202	24,167	2,626	2,158
99	1 037	2,034	4,566	2,245	1,776	99	3 064	6,007	14,965	2,491	2,023
100	638	1,175	2,532	2,155	1,686	100	2 051	3,776	8,958	2,372	1,904

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 559 256,031	15,593	15,123	0	100 000	100 000,000	1 565 213,862	15,652	15,183
1	99 645	93 344,582	1 459 256,031	15,633	15,164	1	99 694	93 389,802	1 465 213,862	15,689	15,220
2	99 618	87 418,411	1 365 911,449	15,625	15,156	2	99 671	87 464,378	1 371 824,060	15,684	15,215
3	99 603	81 878,011	1 278 493,038	15,615	15,145	3	99 659	81 924,087	1 284 359,681	15,677	15,208
4	99 590	76 690,838	1 196 615,027	15,603	15,134	4	99 647	76 734,733	1 202 435,594	15,670	15,201
5	99 578	71 833,202	1 119 924,189	15,591	15,121	5	99 638	71 876,117	1 125 700,861	15,662	15,193
6	99 569	67 284,715	1 048 090,987	15,577	15,108	6	99 630	67 326,208	1 053 824,744	15,653	15,183
7	99 559	63 023,641	980 806,272	15,563	15,093	7	99 624	63 064,896	986 498,536	15,643	15,173
8	99 550	59 033,569	917 782,631	15,547	15,078	8	99 619	59 074,273	923 433,640	15,632	15,163
9	99 542	55 296,262	858 749,062	15,530	15,061	9	99 613	55 335,472	864 359,367	15,620	15,151
10	99 534	51 795,612	803 452,800	15,512	15,043	10	99 606	51 833,153	809 023,896	15,608	15,139
11	99 526	48 516,748	751 657,189	15,493	15,024	11	99 600	48 552,770	757 190,742	15,595	15,126
12	99 518	45 444,885	703 140,441	15,472	15,003	12	99 593	45 479,301	708 637,973	15,582	15,112
13	99 510	42 567,985	657 695,556	15,450	14,981	13	99 585	42 600,190	663 158,672	15,567	15,098
14	99 500	39 872,519	615 127,570	15,427	14,958	14	99 576	39 903,080	620 558,482	15,552	15,083
15	99 488	37 346,795	575 255,051	15,403	14,934	15	99 566	37 376,012	580 655,402	15,536	15,066
16	99 473	34 980,030	537 908,256	15,378	14,908	16	99 554	35 008,278	543 279,390	15,519	15,049
17	99 448	32 759,738	502 928,226	15,352	14,883	17	99 540	32 790,012	508 271,112	15,501	15,032
18	99 418	30 679,281	470 168,488	15,325	14,856	18	99 525	30 712,141	475 481,100	15,482	15,013
19	99 380	28 728,356	439 489,207	15,298	14,829	19	99 505	28 764,297	444 768,959	15,463	14,993
20	99 339	26 900,572	410 760,851	15,270	14,800	20	99 485	26 940,276	416 004,662	15,442	14,973
21	99 294	25 188,240	383 860,280	15,240	14,771	21	99 467	25 232,120	389 064,385	15,419	14,950
22	99 250	23 584,989	358 672,039	15,208	14,739	22	99 451	23 632,733	363 832,266	15,395	14,926
23	99 205	22 083,702	335 087,050	15,173	14,704	23	99 433	22 134,560	340 199,533	15,370	14,900
24	99 159	20 677,809	313 003,348	15,137	14,668	24	99 412	20 730,452	318 064,972	15,343	14,874
25	99 111	19 360,949	292 325,539	15,099	14,630	25	99 395	19 416,334	297 334,520	15,314	14,844
26	99 064	18 127,994	272 964,590	15,058	14,588	26	99 376	18 185,212	277 918,186	15,283	14,814
27	99 017	16 973,681	254 836,596	15,014	14,545	27	99 357	17 032,013	259 732,974	15,250	14,781
28	98 965	15 892,013	237 862,914	14,967	14,498	28	99 335	15 951,562	242 700,961	15,215	14,746
29	98 914	14 879,464	221 970,901	14,918	14,449	29	99 311	14 939,189	226 749,399	15,178	14,709
30	98 857	13 930,627	207 091,437	14,866	14,397	30	99 285	13 990,935	211 810,211	15,139	14,670
31	98 800	13 042,249	193 160,810	14,810	14,341	31	99 255	13 102,370	197 819,276	15,098	14,629
32	98 732	12 209,154	180 118,561	14,753	14,284	32	99 224	12 269,965	184 716,906	15,054	14,585
33	98 663	11 429,134	167 909,407	14,691	14,222	33	99 189	11 490,124	172 446,940	15,008	14,539
34	98 593	10 698,847	156 480,273	14,626	14,157	34	99 154	10 759,750	160 956,817	14,959	14,490
35	98 513	10 014,268	145 781,426	14,557	14,088	35	99 115	10 075,449	150 197,067	14,907	14,438
36	98 426	9 372,719	135 767,158	14,485	14,016	36	99 075	9 434,561	140 121,618	14,852	14,383
37	98 339	8 772,275	126 394,439	14,408	13,939	37	99 029	8 833,852	130 687,058	14,794	14,325
38	98 246	8 209,888	117 622,164	14,327	13,858	38	98 983	8 271,463	121 853,206	14,732	14,263
39	98 143	7 682,690	109 412,276	14,241	13,772	39	98 925	7 743,905	113 581,743	14,667	14,198
40	98 036	7 189,045	101 729,586	14,151	13,682	40	98 866	7 249,922	105 837,838	14,598	14,129
41	97 913	6 726,005	94 540,541	14,056	13,587	41	98 799	6 786,887	98 587,916	14,526	14,057
42	97 783	6 292,362	87 814,536	13,956	13,487	42	98 724	6 352,889	91 801,029	14,450	13,981
43	97 638	5 885,701	81 522,175	13,851	13,382	43	98 642	5 946,246	85 448,140	14,370	13,901
44	97 478	5 504,508	75 636,473	13,741	13,272	44	98 553	5 565,241	79 501,894	14,285	13,816
45	97 303	5 147,189	70 131,965	13,625	13,156	45	98 453	5 208,023	73 936,653	14,197	13,728
46	97 104	4 811,866	64 984,776	13,505	13,036	46	98 343	4 873,285	68 728,630	14,103	13,634
47	96 892	4 497,755	60 172,910	13,378	12,909	47	98 218	4 559,342	63 855,345	14,005	13,536
48	96 651	4 202,880	55 675,156	13,247	12,778	48	98 078	4 264,923	59 296,003	13,903	13,434
49	96 382	3 926,160	51 472,276	13,110	12,641	49	97 921	3 988,854	55 031,080	13,796	13,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 6,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	3 666,328	47 546,116	12,968	12,499	50	97 743	3 729,862	51 042,227	13,685	13,216
51	95 740	3 422,417	43 879,788	12,821	12,352	51	97 551	3 487,131	47 312,364	13,568	13,099
52	95 371	3 193,633	40 457,371	12,668	12,199	52	97 335	3 259,418	43 825,234	13,446	12,977
53	94 949	2 978,455	37 263,737	12,511	12,042	53	97 096	3 045,822	40 565,816	13,319	12,849
54	94 475	2 776,209	34 285,283	12,350	11,881	54	96 831	2 845,431	37 519,994	13,186	12,717
55	93 949	2 586,168	31 509,074	12,184	11,715	55	96 539	2 657,487	34 674,564	13,048	12,579
56	93 371	2 407,744	28 922,906	12,012	11,543	56	96 220	2 481,200	32 017,077	12,904	12,435
57	92 733	2 240,092	26 515,162	11,837	11,368	57	95 871	2 315,898	29 535,877	12,754	12,284
58	92 034	2 082,624	24 275,069	11,656	11,187	58	95 489	2 160,798	27 219,979	12,597	12,128
59	91 257	1 934,469	22 192,445	11,472	11,003	59	95 067	2 015,239	25 059,181	12,435	11,966
60	90 413	1 795,386	20 257,976	11,283	10,814	60	94 608	1 878,694	23 043,941	12,266	11,797
61	89 505	1 664,973	18 462,590	11,089	10,620	61	94 098	1 750,413	21 165,247	12,092	11,622
62	88 522	1 542,555	16 797,618	10,889	10,420	62	93 572	1 630,557	19 414,834	11,907	11,438
63	87 448	1 427,493	15 255,062	10,687	10,217	63	93 003	1 518,172	17 784,278	11,714	11,245
64	86 305	1 319,755	13 827,569	10,477	10,008	64	92 391	1 412,811	16 266,106	11,513	11,044
65	85 073	1 218,654	12 507,814	10,264	9,795	65	91 717	1 313,831	14 853,295	11,305	10,836
66	83 766	1 124,054	11 289,160	10,043	9,574	66	90 983	1 220,894	13 539,464	11,090	10,621
67	82 397	1 035,766	10 165,106	9,814	9,345	67	90 188	1 133,704	12 318,569	10,866	10,397
68	80 917	952,852	9 129,341	9,581	9,112	68	89 314	1 051,723	11 184,865	10,635	10,166
69	79 404	875,907	8 176,488	9,335	8,866	69	88 401	975,156	10 133,142	10,391	9,922
70	77 765	803,591	7 300,581	9,085	8,616	70	87 414	903,290	9 157,986	10,138	9,669
71	76 023	735,913	6 496,990	8,828	8,359	71	86 349	835,864	8 254,696	9,876	9,407
72	74 169	672,565	5 761,078	8,566	8,097	72	85 192	772,526	7 418,833	9,603	9,134
73	72 229	613,563	5 088,513	8,293	7,824	73	83 965	713,250	6 646,307	9,318	8,849
74	70 186	558,502	4 474,951	8,012	7,543	74	82 665	657,805	5 933,057	9,019	8,550
75	68 016	507,010	3 916,449	7,725	7,255	75	81 251	605,668	5 275,252	8,710	8,241
76	65 701	458,788	3 409,438	7,431	6,962	76	79 701	556,552	4 669,584	8,390	7,921
77	63 228	413,600	2 950,650	7,134	6,665	77	77 962	509,981	4 113,032	8,065	7,596
78	60 619	371,463	2 537,051	6,830	6,361	78	76 055	466,053	3 603,051	7,731	7,262
79	57 816	331,884	2 165,588	6,525	6,056	79	73 918	424,315	3 136,998	7,393	6,924
80	54 794	294,645	1 833,704	6,223	5,754	80	71 485	384,398	2 712,683	7,057	6,588
81	51 583	259,844	1 539,059	5,923	5,454	81	68 739	346,262	2 328,284	6,724	6,255
82	48 151	227,218	1 279,215	5,630	5,161	82	65 710	310,075	1 982,023	6,392	5,923
83	44 551	196,936	1 051,997	5,342	4,873	83	62 402	275,845	1 671,948	6,061	5,592
84	40 773	168,838	855,062	5,064	4,595	84	58 778	243,395	1 396,103	5,736	5,267
85	36 886	143,086	686,223	4,796	4,327	85	54 827	212,678	1 152,708	5,420	4,951
86	32 921	119,627	543,137	4,540	4,071	86	50 593	183,845	940,030	5,113	4,644
87	28 969	98,613	423,510	4,295	3,826	87	46 095	156,908	756,185	4,819	4,350
88	25 117	80,092	324,897	4,057	3,587	88	41 430	132,113	599,277	4,536	4,067
89	21 411	63,959	244,805	3,828	3,358	89	36 673	109,549	467,164	4,264	3,795
90	17 933	50,182	180,846	3,604	3,135	90	31 872	89,187	357,615	4,010	3,541
91	14 713	38,568	130,664	3,388	2,919	91	27 157	71,188	268,428	3,771	3,302
92	11 735	28,817	92,096	3,196	2,727	92	22 613	55,527	197,241	3,552	3,083
93	9 104	20,941	63,279	3,022	2,553	93	18 371	42,260	141,714	3,353	2,884
94	6 884	14,834	42,338	2,854	2,385	94	14 528	31,306	99,453	3,177	2,708
95	5 001	10,095	27,504	2,724	2,255	95	11 112	22,430	68,147	3,038	2,569
96	3 571	6,753	17,408	2,578	2,109	96	8 344	15,779	45,717	2,897	2,428
97	2 455	4,348	10,655	2,450	1,981	97	6 096	10,798	29,938	2,773	2,303
98	1 625	2,697	6,307	2,339	1,870	98	4 407	7,313	19,141	2,617	2,148
99	1 037	1,613	3,610	2,239	1,770	99	3 064	4,763	11,828	2,483	2,014
100	638	0,929	1,998	2,149	1,680	100	2 051	2,987	7,065	2,365	1,896

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 509 031,800	15,090	14,621	0	100 000	100 000,000	1 514 305,276	15,143	14,674
1	99 645	93 126,487	1 409 031,800	15,130	14,661	1	99 694	93 171,602	1 414 305,276	15,180	14,710
2	99 618	87 010,391	1 315 905,314	15,124	14,654	2	99 671	87 056,144	1 321 133,675	15,176	14,706
3	99 603	81 305,440	1 228 894,922	15,115	14,645	3	99 659	81 351,194	1 234 077,531	15,170	14,700
4	99 590	75 976,609	1 147 589,482	15,105	14,635	4	99 647	76 020,095	1 152 726,337	15,163	14,694
5	99 578	70 997,941	1 071 612,873	15,094	14,624	5	99 638	71 040,357	1 076 706,242	15,156	14,687
6	99 569	66 346,963	1 000 614,932	15,082	14,612	6	99 630	66 387,878	1 005 665,884	15,148	14,679
7	99 559	62 000,078	934 267,968	15,069	14,599	7	99 624	62 040,662	939 278,006	15,140	14,670
8	99 550	57 939,119	872 267,891	15,055	14,585	8	99 619	57 979,069	877 237,344	15,130	14,661
9	99 542	54 144,298	814 328,772	15,040	14,570	9	99 613	54 182,691	819 258,275	15,120	14,651
10	99 534	50 598,079	760 184,474	15,024	14,554	10	99 606	50 634,752	765 075,584	15,110	14,640
11	99 526	47 284,287	709 586,395	15,007	14,537	11	99 600	47 319,394	714 440,832	15,098	14,629
12	99 518	44 186,976	662 302,108	14,989	14,519	12	99 593	44 220,439	667 121,438	15,086	14,617
13	99 510	41 293,004	618 115,132	14,969	14,499	13	99 585	41 324,244	622 900,999	15,074	14,604
14	99 500	38 587,902	576 822,128	14,948	14,479	14	99 576	38 617,478	581 576,755	15,060	14,590
15	99 488	36 059,104	538 234,226	14,926	14,457	15	99 566	36 087,313	542 959,278	15,046	14,576
16	99 473	33 695,032	502 175,123	14,904	14,434	16	99 554	33 722,242	506 871,964	15,031	14,561
17	99 448	31 482,573	468 480,091	14,881	14,411	17	99 540	31 511,667	473 149,722	15,015	14,546
18	99 418	29 414,338	436 997,518	14,857	14,387	18	99 525	29 445,844	441 638,055	14,998	14,529
19	99 380	27 479,498	407 583,179	14,832	14,363	19	99 505	27 513,876	412 192,211	14,981	14,512
20	99 339	25 671,050	380 103,682	14,807	14,337	20	99 485	25 708,940	384 678,335	14,963	14,493
21	99 294	23 980,821	354 432,632	14,780	14,310	21	99 467	24 022,597	358 969,395	14,943	14,473
22	99 250	22 401,960	330 451,811	14,751	14,282	22	99 451	22 447,309	334 946,798	14,921	14,452
23	99 205	20 926,968	308 049,851	14,720	14,251	23	99 433	20 975,163	312 499,489	14,899	14,429
24	99 159	19 548,933	287 122,882	14,687	14,218	24	99 412	19 598,702	291 524,327	14,875	14,405
25	99 111	18 261,199	267 573,949	14,653	14,183	25	99 395	18 313,438	271 925,624	14,848	14,379
26	99 064	17 058,330	249 312,750	14,615	14,146	26	99 376	17 112,172	253 612,186	14,821	14,351
27	99 017	15 934,811	232 254,420	14,575	14,106	27	99 357	15 989,572	236 500,014	14,791	14,321
28	98 965	14 884,488	216 319,609	14,533	14,064	28	99 335	14 940,261	220 510,442	14,759	14,290
29	98 914	13 903,571	201 435,121	14,488	14,018	29	99 311	13 959,379	205 570,181	14,726	14,257
30	98 857	12 986,551	187 531,551	14,440	13,971	30	99 285	13 042,772	191 610,803	14,691	14,221
31	98 800	12 129,971	174 544,999	14,390	13,920	31	99 255	12 185,887	178 568,031	14,654	14,184
32	98 732	11 328,619	162 415,028	14,337	13,867	32	99 224	11 385,044	166 382,143	14,614	14,145
33	98 663	10 580,077	151 086,409	14,280	13,811	33	99 189	10 636,536	154 997,099	14,572	14,103
34	98 593	9 880,902	140 506,332	14,220	13,750	34	99 154	9 937,148	144 360,563	14,527	14,058
35	98 513	9 227,051	130 625,430	14,157	13,687	35	99 115	9 283,422	134 423,415	14,480	14,010
36	98 426	8 615,757	121 398,379	14,090	13,621	36	99 075	8 672,603	125 139,993	14,429	13,960
37	98 339	8 044,965	112 782,622	14,019	13,550	37	99 029	8 101,437	116 467,389	14,376	13,907
38	98 246	7 511,614	104 737,658	13,943	13,474	38	98 983	7 567,952	108 365,953	14,319	13,850
39	98 143	7 012,832	97 226,044	13,864	13,395	39	98 925	7 068,710	100 798,001	14,260	13,790
40	98 036	6 546,896	90 213,212	13,780	13,310	40	98 866	6 602,335	93 729,291	14,196	13,727
41	97 913	6 110,905	83 666,316	13,691	13,222	41	98 799	6 166,219	87 126,956	14,130	13,660
42	97 783	5 703,562	77 555,411	13,598	13,128	42	98 724	5 758,425	80 960,737	14,060	13,590
43	97 638	5 322,489	71 851,850	13,500	13,030	43	98 642	5 377,240	75 202,311	13,985	13,516
44	97 478	4 966,143	66 529,361	13,397	12,927	44	98 553	5 020,936	69 825,071	13,907	13,437
45	97 303	4 632,921	61 563,218	13,288	12,819	45	98 453	4 687,677	64 804,136	13,824	13,355
46	97 104	4 320,981	56 930,297	13,175	12,706	46	98 343	4 376,135	60 116,459	13,737	13,268
47	96 892	4 029,478	52 609,316	13,056	12,587	47	98 218	4 084,652	55 740,324	13,646	13,177
48	96 651	3 756,506	48 579,838	12,932	12,463	48	98 078	3 811,960	51 655,672	13,551	13,081
49	96 382	3 500,976	44 823,332	12,803	12,334	49	97 921	3 556,881	47 843,712	13,451	12,982

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	3 261,644	41 322,356	12,669	12,200	50	97 743	3 318,166	44 286,831	13,347	12,877
51	95 740	3 037,543	38 060,712	12,530	12,061	51	97 551	3 094,978	40 968,665	13,237	12,768
52	95 371	2 827,864	35 023,169	12,385	11,916	52	97 335	2 886,114	37 873,687	13,123	12,653
53	94 949	2 631,168	32 195,305	12,236	11,767	53	97 096	2 690,680	34 987,573	13,003	12,534
54	94 475	2 446,774	29 564,137	12,083	11,613	54	96 831	2 507,782	32 296,892	12,879	12,409
55	93 949	2 273,958	27 117,362	11,925	11,456	55	96 539	2 336,667	29 789,111	12,749	12,279
56	93 371	2 112,128	24 843,404	11,762	11,293	56	96 220	2 176,566	27 452,443	12,613	12,143
57	92 733	1 960,469	22 731,275	11,595	11,125	57	95 871	2 026,812	25 275,878	12,471	12,001
58	92 034	1 818,398	20 770,807	11,423	10,953	58	95 489	1 886,655	23 249,066	12,323	11,853
59	91 257	1 685,094	18 952,408	11,247	10,778	59	95 067	1 755,452	21 362,411	12,169	11,700
60	90 413	1 560,286	17 267,315	11,067	10,597	60	94 608	1 632,685	19 606,960	12,009	11,540
61	89 505	1 443,569	15 707,029	10,881	10,411	61	94 098	1 517,648	17 974,275	11,844	11,374
62	88 522	1 334,305	14 263,460	10,690	10,220	62	93 572	1 410,427	16 456,627	11,668	11,198
63	87 448	1 231,892	12 929,154	10,495	10,026	63	93 003	1 310,146	15 046,200	11,484	11,015
64	86 305	1 136,256	11 697,262	10,295	9,825	64	92 391	1 216,373	13 736,055	11,293	10,823
65	85 073	1 046,761	10 561,006	10,089	9,620	65	91 717	1 128,513	12 519,682	11,094	10,624
66	83 766	963,248	9 514,245	9,877	9,408	66	90 983	1 046,235	11 391,169	10,888	10,418
67	82 397	885,517	8 550,998	9,657	9,187	67	90 188	969,248	10 344,934	10,673	10,204
68	80 917	812,727	7 665,481	9,432	8,962	68	89 314	897,058	9 375,686	10,452	9,982
69	79 404	745,352	6 852,754	9,194	8,724	69	88 401	829,808	8 478,628	10,218	9,748
70	77 765	682,217	6 107,402	8,952	8,483	70	87 414	766,857	7 648,820	9,974	9,505
71	76 023	623,301	5 425,185	8,704	8,234	71	86 349	707,957	6 881,963	9,721	9,251
72	74 169	568,316	4 801,885	8,449	7,980	72	85 192	652,783	6 174,006	9,458	8,988
73	72 229	517,248	4 233,569	8,185	7,715	73	83 965	601,286	5 521,223	9,182	8,713
74	70 186	469,730	3 716,321	7,912	7,442	74	82 665	553,249	4 919,937	8,893	8,423
75	68 016	425,427	3 246,591	7,631	7,162	75	81 251	508,209	4 366,688	8,592	8,123
76	65 701	384,064	2 821,164	7,346	6,876	76	79 701	465,906	3 858,478	8,282	7,812
77	63 228	345,427	2 437,100	7,055	6,586	77	77 962	425,922	3 392,573	7,965	7,496
78	60 619	309,511	2 091,673	6,758	6,288	78	76 055	388,325	2 966,650	7,640	7,170
79	57 816	275,886	1 782,162	6,460	5,990	79	73 918	352,722	2 578,325	7,310	6,840
80	54 794	244,359	1 506,275	6,164	5,695	80	71 485	318,794	2 225,603	6,981	6,512
81	51 583	214,993	1 261,917	5,870	5,400	81	68 739	286,495	1 906,809	6,656	6,186
82	48 151	187,560	1 046,924	5,582	5,112	82	65 710	255,955	1 620,314	6,330	5,861
83	44 551	162,183	859,364	5,299	4,829	83	62 402	227,168	1 364,359	6,006	5,536
84	40 773	138,719	697,181	5,026	4,556	84	58 778	199,975	1 137,192	5,687	5,217
85	36 886	117,286	558,462	4,762	4,292	85	54 827	174,330	937,217	5,376	4,907
86	32 921	97,828	441,176	4,510	4,040	86	50 593	150,344	762,887	5,074	4,605
87	28 969	80,455	343,348	4,268	3,798	87	46 095	128,016	612,544	4,785	4,315
88	25 117	65,192	262,893	4,033	3,563	88	41 430	107,534	484,528	4,506	4,036
89	21 411	51,938	197,701	3,806	3,337	89	36 673	88,960	376,993	4,238	3,768
90	17 933	40,655	145,763	3,585	3,116	90	31 872	72,255	288,034	3,986	3,517
91	14 713	31,173	105,108	3,372	2,902	91	27 157	57,538	215,779	3,750	3,281
92	11 735	23,237	73,935	3,182	2,712	92	22 613	44,776	158,240	3,534	3,065
93	9 104	16,847	50,698	3,009	2,540	93	18 371	33,998	113,464	3,337	2,868
94	6 884	11,906	33,851	2,843	2,374	94	14 528	25,127	79,466	3,163	2,693
95	5 001	8,084	21,945	2,715	2,245	95	11 112	17,960	54,340	3,026	2,556
96	3 571	5,395	13,861	2,569	2,100	96	8 344	12,605	36,379	2,886	2,417
97	2 455	3,466	8,466	2,443	1,973	97	6 096	8,606	23,774	2,763	2,293
98	1 625	2,144	5,000	2,332	1,863	98	4 407	5,815	15,168	2,609	2,139
99	1 037	1,279	2,856	2,233	1,763	99	3 064	3,778	9,353	2,476	2,006
100	638	0,736	1,577	2,144	1,674	100	2 051	2,364	5,575	2,358	1,889

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 462 011,358	14,620	14,150	0	100 000	100 000,000	1 466 696,264	14,667	14,197
1	99 645	92 909,409	1 362 011,358	14,660	14,190	1	99 694	92 954,419	1 366 696,264	14,703	14,233
2	99 618	86 605,221	1 269 101,949	14,654	14,184	2	99 671	86 650,761	1 273 741,845	14,700	14,230
3	99 603	80 738,195	1 182 496,728	14,646	14,176	3	99 659	80 783,629	1 187 091,085	14,695	14,225
4	99 590	75 270,676	1 101 758,534	14,637	14,167	4	99 647	75 313,758	1 106 307,455	14,689	14,219
5	99 578	70 174,308	1 026 487,858	14,628	14,158	5	99 638	70 216,232	1 030 993,698	14,683	14,213
6	99 569	65 424,425	956 313,550	14,617	14,147	6	99 630	65 464,771	960 777,465	14,676	14,206
7	99 559	60 995,468	890 889,125	14,606	14,136	7	99 624	61 035,395	895 312,695	14,669	14,199
8	99 550	56 867,443	829 893,657	14,593	14,124	8	99 619	56 906,654	834 277,300	14,660	14,191
9	99 542	53 018,937	773 026,214	14,580	14,110	9	99 613	53 056,532	777 370,646	14,652	14,182
10	99 534	49 430,931	720 007,276	14,566	14,096	10	99 606	49 466,759	724 314,113	14,642	14,173
11	99 526	46 085,902	670 576,345	14,551	14,081	11	99 600	46 120,119	674 847,354	14,632	14,162
12	99 518	42 966,701	624 490,443	14,534	14,064	12	99 593	42 999,239	628 727,235	14,622	14,152
13	99 510	40 059,052	581 523,742	14,517	14,047	13	99 585	40 089,359	585 727,996	14,611	14,141
14	99 500	37 347,526	541 464,690	14,498	14,028	14	99 576	37 376,151	545 638,637	14,599	14,129
15	99 488	34 818,662	504 117,164	14,478	14,008	15	99 566	34 845,901	508 262,486	14,586	14,116
16	99 473	32 460,074	469 298,501	14,458	13,988	16	99 554	32 486,286	473 416,584	14,573	14,103
17	99 448	30 258,007	436 838,428	14,437	13,967	17	99 540	30 285,970	440 930,298	14,559	14,089
18	99 418	28 204,322	406 580,420	14,416	13,946	18	99 525	28 234,532	410 644,328	14,544	14,074
19	99 380	26 287,655	378 376,098	14,394	13,924	19	99 505	26 320,543	382 409,796	14,529	14,059
20	99 339	24 500,399	352 088,443	14,371	13,901	20	99 485	24 536,561	356 089,253	14,513	14,043
21	99 294	22 833,899	327 588,044	14,347	13,877	21	99 467	22 873,677	331 552,692	14,495	14,025
22	99 250	21 280,827	304 754,145	14,321	13,851	22	99 451	21 323,906	308 679,015	14,476	14,006
23	99 205	19 833,314	283 473,318	14,293	13,823	23	99 433	19 878,990	287 355,109	14,455	13,985
24	99 159	18 484,108	263 640,004	14,263	13,793	24	99 412	18 531,167	267 476,119	14,434	13,964
25	99 111	17 226,269	245 155,896	14,232	13,762	25	99 395	17 275,547	248 944,953	14,410	13,940
26	99 064	16 054,061	227 929,627	14,198	13,728	26	99 376	16 104,733	231 669,406	14,385	13,915
27	99 017	14 961,729	211 875,566	14,161	13,691	27	99 357	15 013,146	215 564,673	14,358	13,888
28	98 965	13 942,968	196 913,837	14,123	13,653	28	99 335	13 995,214	200 551,527	14,330	13,860
29	98 914	12 993,740	182 970,869	14,081	13,612	29	99 311	13 045,896	186 556,313	14,300	13,830
30	98 857	12 108,438	169 977,128	14,038	13,568	30	99 285	12 160,858	173 510,417	14,268	13,798
31	98 800	11 283,415	157 868,690	13,991	13,521	31	99 255	11 335,428	161 349,559	14,234	13,764
32	98 732	10 513,425	146 585,275	13,943	13,473	32	99 224	10 565,790	150 014,131	14,198	13,728
33	98 663	9 795,860	136 071,850	13,891	13,421	33	99 189	9 848,134	139 448,340	14,160	13,690
34	98 593	9 127,184	126 275,990	13,835	13,365	34	99 154	9 179,140	129 600,207	14,119	13,649
35	98 513	8 503,341	117 148,806	13,777	13,307	35	99 115	8 555,291	120 421,067	14,076	13,606
36	98 426	7 921,485	108 645,465	13,715	13,245	36	99 075	7 973,751	111 865,776	14,029	13,559
37	98 339	7 379,447	100 723,980	13,649	13,179	37	99 029	7 431,247	103 892,025	13,980	13,511
38	98 246	6 874,156	93 344,533	13,579	13,109	38	98 983	6 925,713	96 460,778	13,928	13,458
39	98 143	6 402,743	86 470,378	13,505	13,035	39	98 925	6 453,759	89 535,065	13,873	13,403
40	98 036	5 963,408	80 067,635	13,426	12,957	40	98 866	6 013,906	83 081,306	13,815	13,345
41	97 913	5 553,299	74 104,227	13,344	12,874	41	98 799	5 603,566	77 067,400	13,753	13,283
42	97 783	5 171,043	68 550,928	13,257	12,787	42	98 724	5 220,785	71 463,834	13,688	13,218
43	97 638	4 814,301	63 379,885	13,165	12,695	43	98 642	4 863,825	66 243,049	13,620	13,150
44	97 478	4 481,508	58 565,584	13,068	12,598	44	98 553	4 530,954	61 379,224	13,547	13,077
45	97 303	4 171,059	54 084,076	12,967	12,497	45	98 453	4 220,356	56 848,271	13,470	13,000
46	97 104	3 881,149	49 913,017	12,860	12,390	46	98 343	3 930,688	52 627,915	13,389	12,919
47	96 892	3 610,881	46 031,867	12,748	12,278	47	98 218	3 660,324	48 697,226	13,304	12,834
48	96 651	3 358,420	42 420,987	12,631	12,161	48	98 078	3 407,997	45 036,902	13,215	12,745
49	96 382	3 122,673	39 062,567	12,509	12,039	49	97 921	3 172,537	41 628,905	13,122	12,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	2 902,421	35 939,894	12,383	11,913	50	97 743	2 952,718	38 456,369	13,024	12,554
51	95 740	2 696,700	33 037,473	12,251	11,781	51	97 551	2 747,691	35 503,651	12,921	12,451
52	95 371	2 504,698	30 340,772	12,114	11,644	52	97 335	2 556,291	32 755,960	12,814	12,344
53	94 949	2 325,048	27 836,074	11,972	11,502	53	97 096	2 377,636	30 199,668	12,702	12,232
54	94 475	2 157,067	25 511,027	11,827	11,357	54	96 831	2 210,851	27 822,032	12,584	12,114
55	93 949	2 000,040	23 353,960	11,677	11,207	55	96 539	2 055,195	25 611,181	12,462	11,992
56	93 371	1 853,374	21 353,919	11,522	11,052	56	96 220	1 909,917	23 555,986	12,334	11,864
57	92 733	1 716,284	19 500,545	11,362	10,892	57	95 871	1 774,364	21 646,069	12,199	11,729
58	92 034	1 588,198	17 784,261	11,198	10,728	58	95 489	1 647,813	19 871,705	12,059	11,590
59	91 257	1 468,338	16 196,063	11,030	10,560	59	95 067	1 529,646	18 223,892	11,914	11,444
60	90 413	1 356,416	14 727,725	10,858	10,388	60	94 608	1 419,355	16 694,246	11,762	11,292
61	89 505	1 252,024	13 371,309	10,680	10,210	61	94 098	1 316,273	15 274,891	11,605	11,135
62	88 522	1 154,561	12 119,285	10,497	10,027	62	93 572	1 220,428	13 958,617	11,437	10,968
63	87 448	1 063,459	10 964,724	10,310	9,841	63	93 003	1 131,013	12 738,190	11,263	10,793
64	86 305	978,612	9 901,265	10,118	9,648	64	92 391	1 047,614	11 607,177	11,080	10,610
65	85 073	899,432	8 922,653	9,920	9,450	65	91 717	969,678	10 559,563	10,890	10,420
66	83 766	825,744	8 023,221	9,716	9,246	66	90 983	896,885	9 589,885	10,692	10,223
67	82 397	757,340	7 197,477	9,504	9,034	67	90 188	828,951	8 693,000	10,487	10,017
68	80 917	693,466	6 440,137	9,287	8,817	68	89 314	765,422	7 864,049	10,274	9,804
69	79 404	634,495	5 746,671	9,057	8,587	69	88 401	706,390	7 098,627	10,049	9,579
70	77 765	579,396	5 112,176	8,823	8,353	70	87 414	651,280	6 392,237	9,815	9,345
71	76 023	528,126	4 532,780	8,583	8,113	71	86 349	599,856	5 740,957	9,571	9,101
72	74 169	480,414	4 004,654	8,336	7,866	72	85 192	551,817	5 141,101	9,317	8,847
73	72 229	436,226	3 524,239	8,079	7,609	73	83 965	507,101	4 589,285	9,050	8,580
74	70 186	395,228	3 088,014	7,813	7,343	74	82 665	465,501	4 082,184	8,769	8,300
75	68 016	357,117	2 692,785	7,540	7,070	75	81 251	426,608	3 616,684	8,478	8,008
76	65 701	321,644	2 335,668	7,262	6,792	76	79 701	390,185	3 190,076	8,176	7,706
77	63 228	288,613	2 014,024	6,978	6,508	77	77 962	355,868	2 799,891	7,868	7,398
78	60 619	258,001	1 725,411	6,688	6,218	78	76 055	323,698	2 444,023	7,550	7,080
79	57 816	229,436	1 467,411	6,396	5,926	79	73 918	293,336	2 120,325	7,228	6,758
80	54 794	202,743	1 237,975	6,106	5,636	80	71 485	264,502	1 826,989	6,907	6,437
81	51 583	177,963	1 035,232	5,817	5,347	81	68 739	237,149	1 562,488	6,589	6,119
82	48 151	154,893	857,269	5,535	5,065	82	65 710	211,375	1 325,338	6,270	5,800
83	44 551	133,623	702,376	5,256	4,786	83	62 402	187,165	1 113,963	5,952	5,482
84	40 773	114,025	568,753	4,988	4,518	84	58 778	164,377	926,799	5,638	5,168
85	36 886	96,183	454,728	4,728	4,258	85	54 827	142,962	762,422	5,333	4,863
86	32 921	80,039	358,545	4,480	4,010	86	50 593	123,005	619,460	5,036	4,566
87	28 969	65,671	278,506	4,241	3,771	87	46 095	104,493	496,455	4,751	4,281
88	25 117	53,089	212,835	4,009	3,539	88	41 430	87,570	391,962	4,476	4,006
89	21 411	42,197	159,746	3,786	3,316	89	36 673	72,275	304,392	4,212	3,742
90	17 933	32,953	117,549	3,567	3,097	90	31 872	58,567	232,117	3,963	3,493
91	14 713	25,209	84,596	3,356	2,886	91	27 157	46,529	173,550	3,730	3,260
92	11 735	18,747	59,387	3,168	2,698	92	22 613	36,124	127,020	3,516	3,046
93	9 104	13,560	40,640	2,997	2,527	93	18 371	27,365	90,896	3,322	2,852
94	6 884	9,561	27,079	2,832	2,362	94	14 528	20,177	63,531	3,149	2,679
95	5 001	6,476	17,519	2,705	2,235	95	11 112	14,389	43,353	3,013	2,543
96	3 571	4,312	11,042	2,561	2,091	96	8 344	10,075	28,964	2,875	2,405
97	2 455	2,764	6,731	2,435	1,965	97	6 096	6,863	18,889	2,753	2,283
98	1 625	1,706	3,967	2,326	1,856	98	4 407	4,626	12,027	2,600	2,130
99	1 037	1,015	2,261	2,227	1,757	99	3 064	2,999	7,401	2,468	1,998
100	638	0,583	1,246	2,138	1,669	100	2 051	1,872	4,402	2,352	1,882

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 417 913,253	14,179	13,709	0	100 000	100 000,000	1 422 090,719	14,221	13,751
1	99 645	92 693,340	1 317 913,253	14,218	13,748	1	99 694	92 738,246	1 322 090,719	14,256	13,786
2	99 618	86 202,875	1 225 219,912	14,213	13,743	2	99 671	86 248,203	1 229 352,473	14,254	13,783
3	99 603	80 176,214	1 139 017,038	14,206	13,736	3	99 659	80 221,332	1 143 104,270	14,249	13,779
4	99 590	74 572,922	1 058 840,824	14,199	13,728	4	99 647	74 615,605	1 062 882,938	14,245	13,774
5	99 578	69 362,114	984 267,902	14,190	13,720	5	99 638	69 403,553	988 267,334	14,239	13,769
6	99 569	64 516,817	914 905,787	14,181	13,711	6	99 630	64 556,603	918 863,780	14,233	13,763
7	99 559	60 009,420	850 388,971	14,171	13,701	7	99 624	60 048,701	854 307,177	14,227	13,757
8	99 550	55 818,016	790 379,551	14,160	13,690	8	99 619	55 856,503	794 258,476	14,220	13,749
9	99 542	51 919,506	734 561,535	14,148	13,678	9	99 613	51 956,321	738 401,973	14,212	13,742
10	99 534	48 293,331	682 642,029	14,135	13,665	10	99 606	48 328,334	686 445,652	14,204	13,734
11	99 526	44 920,574	634 348,699	14,122	13,651	11	99 600	44 953,926	638 117,318	14,195	13,725
12	99 518	41 782,849	589 428,125	14,107	13,637	12	99 593	41 814,491	593 163,392	14,186	13,715
13	99 510	38 864,720	547 645,276	14,091	13,621	13	99 585	38 894,123	551 348,902	14,176	13,705
14	99 500	36 149,771	508 780,556	14,074	13,604	14	99 576	36 177,478	512 454,778	14,165	13,695
15	99 488	33 623,632	472 630,785	14,057	13,586	15	99 566	33 649,937	476 277,300	14,154	13,684
16	99 473	31 273,097	439 007,152	14,038	13,568	16	99 554	31 298,351	442 627,363	14,142	13,672
17	99 448	29 083,760	407 734,056	14,019	13,549	17	99 540	29 110,637	411 329,012	14,130	13,660
18	99 418	27 046,728	378 650,296	14,000	13,530	18	99 525	27 075,697	382 218,376	14,117	13,646
19	99 380	25 150,102	351 603,569	13,980	13,510	19	99 505	25 181,566	355 142,678	14,103	13,633
20	99 339	23 385,674	326 453,467	13,960	13,489	20	99 485	23 420,191	329 961,112	14,089	13,618
21	99 294	21 744,310	303 067,793	13,938	13,468	21	99 467	21 782,190	306 540,921	14,073	13,603
22	99 250	20 218,220	281 323,482	13,914	13,444	22	99 451	20 259,148	284 758,731	14,056	13,586
23	99 205	18 799,164	261 105,263	13,889	13,419	23	99 433	18 842,458	264 499,583	14,037	13,567
24	99 159	17 479,564	242 306,099	13,862	13,392	24	99 412	17 524,064	245 657,126	14,018	13,548
25	99 111	16 252,199	224 826,535	13,834	13,363	25	99 395	16 298,691	228 133,061	13,997	13,527
26	99 064	15 111,051	208 574,337	13,803	13,332	26	99 376	15 158,746	211 834,370	13,974	13,504
27	99 017	14 050,131	193 463,286	13,770	13,299	27	99 357	14 098,415	196 675,624	13,950	13,480
28	98 965	13 062,992	179 413,155	13,734	13,264	28	99 335	13 111,940	182 577,209	13,924	13,454
29	98 914	12 145,362	166 350,163	13,697	13,226	29	99 311	12 194,112	169 465,269	13,897	13,427
30	98 857	11 291,542	154 204,801	13,657	13,186	30	99 285	11 340,424	157 271,157	13,868	13,398
31	98 800	10 497,708	142 913,260	13,614	13,143	31	99 255	10 546,100	145 930,732	13,837	13,367
32	98 732	9 758,588	132 415,551	13,569	13,099	32	99 224	9 807,194	135 384,633	13,805	13,334
33	98 663	9 071,397	122 656,963	13,521	13,051	33	99 189	9 119,805	125 577,439	13,770	13,299
34	98 593	8 432,517	113 585,566	13,470	13,000	34	99 154	8 480,519	116 457,634	13,732	13,262
35	98 513	7 837,885	105 153,049	13,416	12,946	35	99 115	7 885,769	107 977,115	13,693	13,222
36	98 426	7 284,583	97 315,164	13,359	12,889	36	99 075	7 332,647	100 091,346	13,650	13,180
37	98 339	6 770,344	90 030,581	13,298	12,828	37	99 029	6 817,869	92 758,699	13,605	13,135
38	98 246	6 292,093	83 260,237	13,233	12,762	38	98 983	6 339,285	85 940,830	13,557	13,087
39	98 143	5 846,967	76 968,143	13,164	12,693	39	98 925	5 893,555	79 601,545	13,507	13,036
40	98 036	5 433,103	71 121,176	13,090	12,620	40	98 866	5 479,111	73 707,990	13,453	12,982
41	97 913	5 047,698	65 688,072	13,013	12,543	41	98 799	5 093,388	68 228,878	13,396	12,925
42	97 783	4 689,314	60 640,374	12,932	12,461	42	98 724	4 734,421	63 135,490	13,335	12,865
43	97 638	4 355,653	55 951,060	12,846	12,375	43	98 642	4 400,458	58 401,069	13,272	12,801
44	97 478	4 045,135	51 595,408	12,755	12,285	44	98 553	4 089,766	54 000,610	13,204	12,734
45	97 303	3 756,159	47 550,273	12,659	12,189	45	98 453	3 800,553	49 910,844	13,133	12,662
46	97 104	3 486,959	43 794,114	12,559	12,089	46	98 343	3 531,467	46 110,292	13,057	12,587
47	96 892	3 236,596	40 307,155	12,454	11,983	47	98 218	3 280,914	42 578,825	12,978	12,507
48	96 651	3 003,303	37 070,559	12,343	11,873	48	98 078	3 047,638	39 297,911	12,895	12,424
49	96 382	2 785,990	34 067,257	12,228	11,758	49	97 921	2 830,477	36 250,274	12,807	12,337

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	2 583,463	31 281,267	12,108	11,638	50	97 743	2 628,232	33 419,796	12,716	12,245
51	95 740	2 394,768	28 697,804	11,984	11,513	51	97 551	2 440,049	30 791,564	12,619	12,149
52	95 371	2 219,090	26 303,036	11,853	11,383	52	97 335	2 264,800	28 351,515	12,518	12,048
53	94 949	2 055,134	24 083,946	11,719	11,249	53	97 096	2 101,618	26 086,715	12,413	11,942
54	94 475	1 902,220	22 028,812	11,581	11,110	54	96 831	1 949,650	23 985,097	12,302	11,832
55	93 949	1 759,644	20 126,592	11,438	10,968	55	96 539	1 808,170	22 035,447	12,187	11,716
56	93 371	1 626,814	18 366,948	11,290	10,820	56	96 220	1 676,445	20 227,278	12,066	11,595
57	92 733	1 502,979	16 740,134	11,138	10,668	57	95 871	1 553,840	18 550,833	11,939	11,468
58	92 034	1 387,577	15 237,155	10,981	10,511	58	95 489	1 439,662	16 996,993	11,806	11,336
59	91 257	1 279,875	13 849,578	10,821	10,351	59	95 067	1 333,314	15 557,330	11,668	11,198
60	90 413	1 179,568	12 569,703	10,656	10,186	60	94 608	1 234,301	14 224,017	11,524	11,054
61	89 505	1 086,255	11 390,135	10,486	10,015	61	94 098	1 141,997	12 989,715	11,375	10,904
62	88 522	999,366	10 303,880	10,310	9,840	62	93 572	1 056,379	11 847,718	11,215	10,745
63	87 448	918,370	9 304,514	10,132	9,661	63	93 003	976,707	10 791,339	11,049	10,578
64	86 305	843,133	8 386,144	9,946	9,476	64	92 391	902,582	9 814,632	10,874	10,404
65	85 073	773,113	7 543,011	9,757	9,286	65	91 717	833,493	8 912,049	10,692	10,222
66	83 766	708,123	6 769,899	9,560	9,090	66	90 983	769,130	8 078,556	10,503	10,033
67	82 397	647,952	6 061,776	9,355	8,885	67	90 188	709,220	7 309,426	10,306	9,836
68	80 917	591,924	5 413,824	9,146	8,676	68	89 314	653,344	6 600,206	10,102	9,632
69	79 404	540,329	4 821,900	8,924	8,454	69	88 401	601,553	5 946,862	9,886	9,416
70	77 765	492,260	4 281,571	8,698	8,228	70	87 414	553,333	5 345,309	9,660	9,190
71	76 023	447,657	3 789,311	8,465	7,994	71	86 349	508,457	4 791,976	9,425	8,954
72	74 169	406,268	3 341,655	8,225	7,755	72	85 192	466,650	4 283,519	9,179	8,709
73	72 229	368,041	2 935,387	7,976	7,505	73	83 965	427,838	3 816,869	8,921	8,451
74	70 186	332,676	2 567,346	7,717	7,247	74	82 665	391,827	3 389,032	8,649	8,179
75	68 016	299,898	2 234,669	7,451	6,981	75	81 251	358,254	2 997,205	8,366	7,896
76	65 701	269,481	1 934,772	7,180	6,709	76	79 701	326,905	2 638,951	8,073	7,602
77	63 228	241,244	1 665,291	6,903	6,433	77	77 962	297,461	2 312,045	7,773	7,302
78	60 619	215,154	1 424,047	6,619	6,148	78	76 055	269,942	2 014,585	7,463	6,993
79	57 816	190,889	1 208,893	6,333	5,863	79	73 918	244,052	1 744,643	7,149	6,678
80	54 794	168,288	1 018,005	6,049	5,579	80	71 485	219,551	1 500,591	6,835	6,365
81	51 583	147,375	849,717	5,766	5,295	81	68 739	196,389	1 281,040	6,523	6,053
82	48 151	127,972	702,341	5,488	5,018	82	65 710	174,638	1 084,651	6,211	5,741
83	44 551	110,143	574,369	5,215	4,744	83	62 402	154,276	910,013	5,899	5,428
84	40 773	93,770	464,226	4,951	4,480	84	58 778	135,177	755,737	5,591	5,120
85	36 886	78,913	370,457	4,695	4,224	85	54 827	117,293	620,561	5,291	4,820
86	32 921	65,515	291,544	4,450	3,980	86	50 593	100,684	503,267	4,998	4,528
87	28 969	53,630	226,029	4,215	3,744	87	46 095	85,333	402,583	4,718	4,248
88	25 117	43,253	172,399	3,986	3,516	88	41 430	71,347	317,250	4,447	3,976
89	21 411	34,300	129,146	3,765	3,295	89	36 673	58,748	245,904	4,186	3,715
90	17 933	26,724	94,846	3,549	3,079	90	31 872	47,495	187,155	3,941	3,470
91	14 713	20,396	68,123	3,340	2,870	91	27 157	37,645	139,660	3,710	3,240
92	11 735	15,132	47,727	3,154	2,684	92	22 613	29,159	102,015	3,499	3,028
93	9 104	10,920	32,595	2,985	2,515	93	18 371	22,037	72,856	3,306	2,836
94	6 884	7,681	21,674	2,822	2,351	94	14 528	16,211	50,819	3,135	2,665
95	5 001	5,191	13,993	2,696	2,225	95	11 112	11,534	34,607	3,001	2,530
96	3 571	3,448	8,802	2,553	2,082	96	8 344	8,057	23,074	2,864	2,393
97	2 455	2,205	5,354	2,428	1,958	97	6 096	5,475	15,016	2,743	2,272
98	1 625	1,358	3,149	2,319	1,849	98	4 407	3,682	9,541	2,591	2,121
99	1 037	0,806	1,791	2,221	1,751	99	3 064	2,381	5,859	2,460	1,990
100	638	0,462	0,985	2,133	1,663	100	2 051	1,483	3,478	2,345	1,875

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 376 486,191	13,765	13,294	0	100 000	100 000,000	1 380 225,065	13,802	13,332
1	99 645	92 478,275	1 276 486,191	13,803	13,332	1	99 694	92 523,076	1 280 225,065	13,837	13,366
2	99 618	85 803,325	1 184 007,917	13,799	13,328	2	99 671	85 848,443	1 187 701,990	13,835	13,364
3	99 603	79 619,437	1 098 204,591	13,793	13,323	3	99 659	79 664,242	1 101 853,546	13,831	13,361
4	99 590	73 883,235	1 018 585,155	13,786	13,316	4	99 647	73 925,523	1 022 189,305	13,827	13,357
5	99 578	68 561,175	944 701,920	13,779	13,308	5	99 638	68 602,135	948 263,782	13,823	13,352
6	99 569	63 623,864	876 140,745	13,771	13,300	6	99 630	63 663,100	879 661,647	13,817	13,347
7	99 559	59 041,546	812 516,880	13,762	13,291	7	99 624	59 080,194	815 998,547	13,812	13,341
8	99 550	54 790,325	753 475,334	13,752	13,281	8	99 619	54 828,104	756 918,352	13,805	13,335
9	99 542	50 845,347	698 685,009	13,741	13,271	9	99 613	50 881,401	702 090,249	13,799	13,328
10	99 534	47 184,463	647 839,661	13,730	13,259	10	99 606	47 218,662	651 208,848	13,791	13,321
11	99 526	43 787,317	600 655,199	13,718	13,247	11	99 600	43 819,828	603 990,186	13,783	13,313
12	99 518	40 634,252	556 867,882	13,704	13,234	12	99 593	40 665,024	560 170,358	13,775	13,305
13	99 510	37 708,648	516 233,630	13,690	13,219	13	99 585	37 737,176	519 505,334	13,766	13,296
14	99 500	34 993,078	478 524,982	13,675	13,204	14	99 576	35 019,899	481 768,158	13,757	13,286
15	99 488	32 472,252	443 531,904	13,659	13,188	15	99 566	32 497,656	446 748,259	13,747	13,276
16	99 473	30 132,131	411 059,652	13,642	13,171	16	99 554	30 156,464	414 250,603	13,737	13,266
17	99 448	27 957,652	380 927,520	13,625	13,154	17	99 540	27 983,489	384 094,139	13,726	13,255
18	99 418	25 939,169	352 969,868	13,608	13,137	18	99 525	25 966,953	356 110,650	13,714	13,243
19	99 380	24 064,246	327 030,699	13,590	13,119	19	99 505	24 094,352	330 143,697	13,702	13,231
20	99 339	22 324,082	302 966,452	13,571	13,101	20	99 485	22 357,032	306 049,345	13,689	13,219
21	99 294	20 709,067	280 642,370	13,552	13,081	21	99 467	20 745,143	283 692,313	13,675	13,204
22	99 250	19 210,957	259 933,304	13,530	13,060	22	99 451	19 249,846	262 947,170	13,660	13,189
23	99 205	17 821,153	240 722,347	13,508	13,037	23	99 433	17 862,194	243 697,324	13,643	13,173
24	99 159	16 531,758	222 901,194	13,483	13,013	24	99 412	16 573,846	225 835,130	13,626	13,155
25	99 111	15 335,282	206 369,436	13,457	12,987	25	99 395	15 379,151	209 261,284	13,607	13,136
26	99 064	14 225,433	191 034,154	13,429	12,958	26	99 376	14 270,333	193 882,133	13,586	13,116
27	99 017	13 196,002	176 808,722	13,399	12,928	27	99 357	13 241,351	179 611,800	13,564	13,094
28	98 965	12 240,407	163 612,720	13,367	12,896	28	99 335	12 286,273	166 370,449	13,541	13,071
29	98 914	11 354,155	151 372,313	13,332	12,861	29	99 311	11 399,730	154 084,176	13,516	13,046
30	98 857	10 531,465	140 018,158	13,295	12,825	30	99 285	10 577,058	142 684,447	13,490	13,019
31	98 800	9 768,351	129 486,692	13,256	12,785	31	99 255	9 813,380	132 107,389	13,462	12,991
32	98 732	9 059,514	119 718,342	13,215	12,744	32	99 224	9 104,638	122 294,009	13,432	12,961
33	98 663	8 402,012	110 658,827	13,171	12,700	33	99 189	8 446,848	113 189,371	13,400	12,930
34	98 593	7 792,154	102 256,815	13,123	12,652	34	99 154	7 836,511	104 742,523	13,366	12,895
35	98 513	7 225,874	94 464,661	13,073	12,602	35	99 115	7 270,019	96 906,012	13,330	12,859
36	98 426	6 700,194	87 238,787	13,020	12,550	36	99 075	6 744,402	89 635,993	13,290	12,820
37	98 339	6 212,760	80 538,593	12,963	12,493	37	99 029	6 256,371	82 891,591	13,249	12,778
38	98 246	5 760,500	74 325,832	12,903	12,432	38	98 983	5 803,705	76 635,220	13,205	12,734
39	98 143	5 340,561	68 565,332	12,839	12,368	39	98 925	5 383,114	70 831,515	13,158	12,687
40	98 036	4 951,028	63 224,771	12,770	12,299	40	98 866	4 992,954	65 448,401	13,108	12,637
41	97 913	4 589,147	58 273,743	12,698	12,228	41	98 799	4 630,687	60 455,447	13,055	12,585
42	97 783	4 253,428	53 684,596	12,621	12,151	42	98 724	4 294,343	55 824,760	13,000	12,529
43	97 638	3 941,615	49 431,168	12,541	12,070	43	98 642	3 982,162	51 530,418	12,940	12,470
44	97 478	3 652,121	45 489,553	12,456	11,985	44	98 553	3 692,416	47 548,256	12,877	12,407
45	97 303	3 383,353	41 837,432	12,366	11,895	45	98 453	3 423,340	43 855,840	12,811	12,340
46	97 104	3 133,584	38 454,079	12,272	11,801	46	98 343	3 173,581	40 432,500	12,740	12,270
47	96 892	2 901,845	35 320,495	12,172	11,701	47	98 218	2 941,579	37 258,919	12,666	12,196
48	96 651	2 686,433	32 418,650	12,068	11,597	48	98 078	2 726,090	34 317,339	12,588	12,118
49	96 382	2 486,266	29 732,217	11,959	11,488	49	97 921	2 525,967	31 591,249	12,507	12,036

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 7,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	2 300,178	27 245,950	11,845	11,374	50	97 743	2 340,039	29 065,282	12,421	11,950
51	95 740	2 127,227	24 945,772	11,727	11,256	51	97 551	2 167,450	26 725,243	12,330	11,860
52	95 371	1 966,602	22 818,545	11,603	11,132	52	97 335	2 007,111	24 557,793	12,235	11,765
53	94 949	1 817,076	20 851,943	11,476	11,005	53	97 096	1 858,175	22 550,682	12,136	11,665
54	94 475	1 677,972	19 034,867	11,344	10,873	54	96 831	1 719,811	20 692,507	12,032	11,561
55	93 949	1 548,602	17 356,895	11,208	10,737	55	96 539	1 591,308	18 972,696	11,923	11,452
56	93 371	1 428,382	15 808,292	11,067	10,597	56	96 220	1 471,959	17 381,388	11,808	11,338
57	92 733	1 316,590	14 379,911	10,922	10,451	57	95 871	1 361,143	15 909,429	11,688	11,218
58	92 034	1 212,679	13 063,321	10,772	10,302	58	95 489	1 258,199	14 548,286	11,563	11,092
59	91 257	1 115,957	11 850,642	10,619	10,149	59	95 067	1 162,552	13 290,087	11,432	10,961
60	90 413	1 026,110	10 734,685	10,462	9,991	60	94 608	1 073,723	12 127,535	11,295	10,824
61	89 505	942,744	9 708,574	10,298	9,828	61	94 098	991,123	11 053,812	11,153	10,682
62	88 522	865,323	8 765,830	10,130	9,659	62	93 572	914,689	10 062,689	11,001	10,531
63	87 448	793,345	7 900,507	9,958	9,488	63	93 003	843,741	9 148,000	10,842	10,372
64	86 305	726,661	7 107,162	9,781	9,310	64	92 391	777,898	8 304,259	10,675	10,205
65	85 073	664,767	6 380,500	9,598	9,127	65	91 717	716,686	7 526,361	10,502	10,031
66	83 766	607,473	5 715,733	9,409	8,938	66	90 983	659,809	6 809,675	10,321	9,850
67	82 397	554,565	5 108,260	9,211	8,741	67	90 188	607,002	6 149,866	10,132	9,661
68	80 917	505,437	4 553,695	9,009	8,539	68	89 314	557,882	5 542,864	9,936	9,465
69	79 404	460,309	4 048,259	8,795	8,324	69	88 401	512,467	4 984,982	9,727	9,257
70	77 765	418,386	3 587,949	8,576	8,105	70	87 414	470,294	4 472,515	9,510	9,039
71	76 023	379,594	3 169,563	8,350	7,879	71	86 349	431,150	4 002,221	9,283	8,812
72	74 169	343,699	2 789,970	8,117	7,647	72	85 192	394,781	3 571,071	9,046	8,575
73	72 229	310,637	2 446,271	7,875	7,404	73	83 965	361,107	3 176,290	8,796	8,325
74	70 186	280,136	2 135,634	7,624	7,153	74	82 665	329,945	2 815,183	8,532	8,062
75	68 016	251,949	1 855,498	7,365	6,894	75	81 251	300,975	2 485,238	8,257	7,787
76	65 701	225,870	1 603,549	7,099	6,629	76	79 701	274,001	2 184,263	7,972	7,501
77	63 228	201,733	1 377,679	6,829	6,359	77	77 962	248,743	1 910,262	7,680	7,209
78	60 619	179,499	1 175,946	6,551	6,081	78	76 055	225,207	1 661,519	7,378	6,907
79	57 816	158,885	996,447	6,271	5,801	79	73 918	203,136	1 436,312	7,071	6,600
80	54 794	139,749	837,562	5,993	5,523	80	71 485	182,318	1 233,176	6,764	6,293
81	51 583	122,099	697,813	5,715	5,244	81	68 739	162,706	1 050,858	6,459	5,988
82	48 151	105,777	575,715	5,443	4,972	82	65 710	144,350	888,152	6,153	5,682
83	44 551	90,829	469,937	5,174	4,703	83	62 402	127,223	743,802	5,846	5,376
84	40 773	77,148	379,108	4,914	4,443	84	58 778	111,215	616,579	5,544	5,073
85	36 886	64,774	301,961	4,662	4,191	85	54 827	96,277	505,365	5,249	4,778
86	32 921	53,652	237,187	4,421	3,950	86	50 593	82,452	409,088	4,961	4,491
87	28 969	43,816	183,536	4,189	3,718	87	46 095	69,719	326,635	4,685	4,214
88	25 117	35,257	139,719	3,963	3,492	88	41 430	58,157	256,916	4,418	3,947
89	21 411	27,894	104,462	3,745	3,274	89	36 673	47,776	198,760	4,160	3,690
90	17 933	21,682	76,569	3,531	3,061	90	31 872	38,535	150,984	3,918	3,447
91	14 713	16,509	54,886	3,325	2,854	91	27 157	30,473	112,449	3,690	3,220
92	11 735	12,221	38,377	3,140	2,670	92	22 613	23,548	81,976	3,481	3,011
93	9 104	8,799	26,156	2,973	2,502	93	18 371	17,756	58,428	3,291	2,820
94	6 884	6,175	17,358	2,811	2,340	94	14 528	13,031	40,672	3,121	2,650
95	5 001	4,163	11,183	2,686	2,215	95	11 112	9,250	27,641	2,988	2,518
96	3 571	2,759	7,020	2,544	2,074	96	8 344	6,447	18,391	2,853	2,382
97	2 455	1,760	4,261	2,421	1,950	97	6 096	4,371	11,944	2,733	2,262
98	1 625	1,081	2,501	2,312	1,842	98	4 407	2,932	7,574	2,583	2,112
99	1 037	0,641	1,419	2,215	1,744	99	3 064	1,892	4,641	2,453	1,982
100	638	0,366	0,779	2,128	1,657	100	2 051	1,176	2,749	2,338	1,868

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 337 505,341	13,375	12,904	0	100 000	100 000,000	1 340 864,161	13,409	12,938
1	99 645	92 264,204	1 237 505,341	13,413	12,942	1	99 694	92 308,902	1 240 864,161	13,443	12,971
2	99 618	85 406,548	1 145 241,137	13,409	12,938	2	99 671	85 451,457	1 148 555,259	13,441	12,970
3	99 603	79 067,803	1 059 834,589	13,404	12,933	3	99 659	79 112,297	1 063 103,803	13,438	12,967
4	99 590	73 201,503	980 766,787	13,398	12,927	4	99 647	73 243,400	983 991,505	13,435	12,963
5	99 578	67 771,308	907 565,284	13,392	12,921	5	99 638	67 811,796	910 748,105	13,431	12,959
6	99 569	62 745,298	839 793,976	13,384	12,913	6	99 630	62 783,992	842 936,309	13,426	12,955
7	99 559	58 091,473	777 048,678	13,376	12,905	7	99 624	58 129,499	780 152,317	13,421	12,950
8	99 550	53 783,872	718 957,205	13,368	12,896	8	99 619	53 820,957	722 022,818	13,415	12,944
9	99 542	49 795,825	665 173,334	13,358	12,887	9	99 613	49 831,134	668 201,862	13,409	12,938
10	99 534	46 103,537	615 377,509	13,348	12,877	10	99 606	46 136,953	618 370,728	13,403	12,932
11	99 526	42 685,177	569 273,972	13,337	12,866	11	99 600	42 716,870	572 233,775	13,396	12,925
12	99 518	39 519,783	526 588,794	13,325	12,854	12	99 593	39 549,711	529 516,905	13,389	12,918
13	99 510	36 589,524	487 069,011	13,312	12,841	13	99 585	36 617,206	489 967,194	13,381	12,910
14	99 500	33 875,949	450 479,487	13,298	12,827	14	99 576	33 901,914	453 349,988	13,372	12,901
15	99 488	31 362,831	416 603,538	13,283	12,812	15	99 566	31 387,367	419 448,074	13,364	12,893
16	99 473	29 035,294	385 240,707	13,268	12,797	16	99 554	29 058,741	388 060,707	13,354	12,883
17	99 448	26 877,607	356 205,413	13,253	12,782	17	99 540	26 902,445	359 001,966	13,345	12,874
18	99 418	24 879,376	329 327,806	13,237	12,766	18	99 525	24 906,024	332 099,521	13,334	12,863
19	99 380	23 027,628	304 448,430	13,221	12,750	19	99 505	23 056,437	307 193,497	13,324	12,853
20	99 339	21 312,975	281 420,802	13,204	12,733	20	99 485	21 344,432	284 137,059	13,312	12,841
21	99 294	19 725,341	260 107,827	13,186	12,715	21	99 467	19 759,704	262 792,627	13,299	12,828
22	99 250	18 256,037	240 382,486	13,167	12,696	22	99 451	18 292,993	243 032,923	13,286	12,815
23	99 205	16 896,114	222 126,449	13,147	12,676	23	99 433	16 935,025	224 739,930	13,271	12,800
24	99 159	15 637,366	205 230,335	13,124	12,653	24	99 412	15 677,177	207 804,905	13,255	12,784
25	99 111	14 472,043	189 592,969	13,101	12,630	25	99 395	14 513,443	192 127,728	13,238	12,767
26	99 064	13 393,593	175 120,926	13,075	12,604	26	99 376	13 435,867	177 614,286	13,219	12,748
27	99 017	12 395,599	161 727,333	13,047	12,576	27	99 357	12 438,197	164 178,418	13,200	12,728
28	98 965	11 471,350	149 331,735	13,018	12,547	28	99 335	11 514,334	151 740,221	13,178	12,707
29	98 914	10 616,149	137 860,385	12,986	12,515	29	99 311	10 658,761	140 225,888	13,156	12,685
30	98 857	9 824,139	127 244,236	12,952	12,481	30	99 285	9 866,669	129 567,126	13,132	12,661
31	98 800	9 091,184	117 420,097	12,916	12,445	31	99 255	9 133,092	119 700,457	13,106	12,635
32	98 732	8 411,969	108 328,913	12,878	12,407	32	99 224	8 453,868	110 567,365	13,079	12,608
33	98 663	7 783,404	99 916,944	12,837	12,366	33	99 189	7 824,939	102 113,497	13,050	12,579
34	98 593	7 201,738	92 133,540	12,793	12,322	34	99 154	7 242,734	94 288,559	13,018	12,547
35	98 513	6 662,906	84 931,802	12,747	12,276	35	99 115	6 703,612	87 045,825	12,985	12,514
36	98 426	6 163,881	78 268,895	12,698	12,227	36	99 075	6 204,550	80 342,213	12,949	12,478
37	98 339	5 702,233	72 105,014	12,645	12,174	37	99 029	5 742,260	74 137,663	12,911	12,440
38	98 246	5 274,898	66 402,781	12,588	12,117	38	98 983	5 314,461	68 395,403	12,870	12,399
39	98 143	4 879,039	61 127,883	12,529	12,058	39	98 925	4 917,915	63 080,942	12,827	12,356
40	98 036	4 512,698	56 248,844	12,465	11,994	40	98 866	4 550,912	58 163,027	12,781	12,309
41	97 913	4 173,173	51 736,145	12,397	11,926	41	98 799	4 210,948	53 612,115	12,732	12,261
42	97 783	3 858,931	47 562,972	12,325	11,854	42	98 724	3 896,051	49 401,167	12,680	12,209
43	97 638	3 567,761	43 704,040	12,250	11,779	43	98 642	3 604,461	45 505,115	12,625	12,154
44	97 478	3 298,072	40 136,280	12,170	11,699	44	98 553	3 334,461	41 900,654	12,566	12,095
45	97 303	3 048,287	36 838,207	12,085	11,614	45	98 453	3 084,314	38 566,193	12,504	12,033
46	97 104	2 816,718	33 789,920	11,996	11,525	46	98 343	2 852,671	35 481,879	12,438	11,967
47	96 892	2 602,374	30 973,202	11,902	11,431	47	98 218	2 638,008	32 629,208	12,369	11,898
48	96 651	2 403,616	28 370,827	11,803	11,332	48	98 078	2 439,099	29 991,199	12,296	11,825
49	96 382	2 219,373	25 967,211	11,700	11,229	49	97 921	2 254,812	27 552,101	12,219	11,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	2 048,508	23 747,838	11,593	11,122	50	97 743	2 084,007	25 297,288	12,139	11,668
51	95 740	1 890,094	21 699,330	11,481	11,010	51	97 551	1 925,834	23 213,281	12,054	11,583
52	95 371	1 743,330	19 809,236	11,363	10,892	52	97 335	1 779,241	21 287,448	11,964	11,493
53	94 949	1 607,051	18 065,905	11,242	10,771	53	97 096	1 643,400	19 508,207	11,871	11,400
54	94 475	1 480,591	16 458,854	11,116	10,645	54	96 831	1 517,508	17 864,807	11,772	11,301
55	93 949	1 363,276	14 978,263	10,987	10,516	55	96 539	1 400,871	16 347,299	11,669	11,198
56	93 371	1 254,531	13 614,987	10,853	10,382	56	96 220	1 292,805	14 946,428	11,561	11,090
57	92 733	1 153,669	12 360,455	10,714	10,243	57	95 871	1 192,710	13 653,623	11,448	10,977
58	92 034	1 060,157	11 206,786	10,571	10,100	58	95 489	1 099,952	12 460,914	11,329	10,858
59	91 257	973,342	10 146,629	10,425	9,953	59	95 067	1 013,982	11 360,962	11,204	10,733
60	90 413	892,905	9 173,287	10,274	9,802	60	94 608	934,337	10 346,980	11,074	10,603
61	89 505	818,463	8 280,382	10,117	9,646	61	94 098	860,463	9 412,643	10,939	10,468
62	88 522	749,509	7 461,919	9,956	9,485	62	93 572	792,267	8 552,179	10,795	10,324
63	87 448	685,574	6 712,411	9,791	9,320	63	93 003	729,123	7 759,912	10,643	10,172
64	86 305	626,495	6 026,837	9,620	9,149	64	92 391	670,669	7 030,789	10,483	10,012
65	85 073	571,806	5 400,342	9,444	8,973	65	91 717	616,464	6 360,120	10,317	9,846
66	83 766	521,314	4 828,536	9,262	8,791	66	90 983	566,227	5 743,655	10,144	9,673
67	82 397	474,808	4 307,222	9,071	8,600	67	90 188	519,704	5 177,428	9,962	9,491
68	80 917	431,744	3 832,414	8,877	8,406	68	89 314	476,543	4 657,724	9,774	9,303
69	79 404	392,286	3 400,670	8,669	8,198	69	88 401	436,736	4 181,181	9,574	9,103
70	77 765	355,733	3 008,383	8,457	7,986	70	87 414	399,867	3 744,445	9,364	8,893
71	76 023	322,003	2 652,651	8,238	7,767	71	86 349	365,737	3 344,578	9,145	8,674
72	74 169	290,878	2 330,648	8,012	7,541	72	85 192	334,111	2 978,841	8,916	8,445
73	72 229	262,289	2 039,770	7,777	7,306	73	83 965	304,904	2 644,730	8,674	8,203
74	70 186	235,988	1 777,481	7,532	7,061	74	82 665	277,947	2 339,826	8,418	7,947
75	68 016	211,752	1 541,493	7,280	6,809	75	81 251	252,956	2 061,879	8,151	7,680
76	65 701	189,394	1 329,741	7,021	6,550	76	79 701	229,752	1 808,923	7,873	7,402
77	63 228	168,763	1 140,347	6,757	6,286	77	77 962	208,090	1 579,171	7,589	7,118
78	60 619	149,816	971,584	6,485	6,014	78	76 055	187,965	1 371,081	7,294	6,823
79	57 816	132,304	821,768	6,211	5,740	79	73 918	169,151	1 183,116	6,994	6,523
80	54 794	116,099	689,465	5,939	5,468	80	71 485	151,465	1 013,965	6,694	6,223
81	51 583	101,201	573,365	5,666	5,195	81	68 739	134,859	862,500	6,396	5,925
82	48 151	87,470	472,164	5,398	4,927	82	65 710	119,367	727,641	6,096	5,625
83	44 551	74,935	384,693	5,134	4,663	83	62 402	104,961	608,274	5,795	5,324
84	40 773	63,501	309,758	4,878	4,407	84	58 778	91,541	503,313	5,498	5,027
85	36 886	53,192	246,257	4,630	4,159	85	54 827	79,063	411,772	5,208	4,737
86	32 921	43,957	193,065	4,392	3,921	86	50 593	67,553	332,709	4,925	4,454
87	28 969	35,816	149,109	4,163	3,692	87	46 095	56,988	265,155	4,653	4,182
88	25 117	28,752	113,293	3,940	3,469	88	41 430	47,427	208,167	4,389	3,918
89	21 411	22,695	84,540	3,725	3,254	89	36 673	38,872	160,740	4,135	3,664
90	17 933	17,600	61,845	3,514	3,043	90	31 872	31,280	121,868	3,896	3,425
91	14 713	13,370	44,245	3,309	2,838	91	27 157	24,679	90,587	3,671	3,200
92	11 735	9,874	30,875	3,127	2,656	92	22 613	19,027	65,909	3,464	2,993
93	9 104	7,093	21,001	2,961	2,490	93	18 371	14,313	46,882	3,275	2,804
94	6 884	4,966	13,908	2,801	2,330	94	14 528	10,480	32,569	3,108	2,637
95	5 001	3,341	8,942	2,677	2,206	95	11 112	7,422	22,089	2,976	2,505
96	3 571	2,209	5,601	2,536	2,065	96	8 344	5,161	14,667	2,842	2,371
97	2 455	1,406	3,393	2,413	1,942	97	6 096	3,491	9,506	2,723	2,252
98	1 625	0,862	1,987	2,306	1,835	98	4 407	2,337	6,015	2,574	2,103
99	1 037	0,509	1,125	2,209	1,738	99	3 064	1,504	3,678	2,445	1,974
100	638	0,290	0,616	2,123	1,652	100	2 051	0,932	2,174	2,332	1,860

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 300 769,134	13,008	12,536	0	100 000	100 000,000	1 303 797,769	13,038	12,567
1	99 645	92 051,123	1 200 769,134	13,045	12,573	1	99 694	92 095,717	1 203 797,769	13,071	12,600
2	99 618	85 012,516	1 108 718,011	13,042	12,570	2	99 671	85 057,218	1 111 702,052	13,070	12,599
3	99 603	78 521,253	1 023 705,496	13,037	12,566	3	99 659	78 565,440	1 026 644,834	13,067	12,596
4	99 590	72 527,615	945 184,243	13,032	12,561	4	99 647	72 569,127	948 079,394	13,065	12,593
5	99 578	66 992,336	872 656,627	13,026	12,555	5	99 638	67 032,359	875 510,267	13,061	12,590
6	99 569	61 880,852	805 664,292	13,020	12,548	6	99 630	61 919,013	808 477,908	13,057	12,586
7	99 559	57 158,831	743 783,439	13,013	12,541	7	99 624	57 196,247	746 558,895	13,053	12,581
8	99 550	52 798,170	686 624,608	13,005	12,533	8	99 619	52 834,575	689 362,648	13,048	12,576
9	99 542	48 770,317	633 826,438	12,996	12,525	9	99 613	48 804,900	636 528,073	13,042	12,571
10	99 534	45 049,788	585 056,121	12,987	12,515	10	99 606	45 082,440	587 723,174	13,037	12,565
11	99 526	41 613,232	540 006,333	12,977	12,505	11	99 600	41 644,128	542 640,733	13,030	12,559
12	99 518	38 438,352	498 393,101	12,966	12,495	12	99 593	38 467,461	500 996,605	13,024	12,552
13	99 510	35 506,087	459 954,749	12,954	12,483	13	99 585	35 532,949	462 529,144	13,017	12,545
14	99 500	32 796,944	424 448,662	12,942	12,470	14	99 576	32 822,082	426 996,195	13,009	12,538
15	99 488	30 293,749	391 651,718	12,928	12,457	15	99 566	30 317,448	394 174,113	13,002	12,530
16	99 473	27 980,781	361 357,969	12,915	12,443	16	99 554	28 003,377	363 856,665	12,993	12,522
17	99 448	25 841,639	333 377,188	12,901	12,429	17	99 540	25 865,520	335 853,288	12,985	12,513
18	99 418	23 865,184	307 535,549	12,886	12,415	18	99 525	23 890,746	309 987,768	12,975	12,504
19	99 380	22 037,908	283 670,365	12,872	12,401	19	99 505	22 065,479	286 097,022	12,966	12,494
20	99 339	20 349,844	261 632,456	12,857	12,385	20	99 485	20 379,880	264 031,543	12,956	12,484
21	99 294	18 790,459	241 282,613	12,841	12,369	21	99 467	18 823,193	243 651,663	12,944	12,473
22	99 250	17 350,629	222 492,154	12,823	12,352	22	99 451	17 385,752	224 828,471	12,932	12,460
23	99 205	16 021,065	205 141,525	12,804	12,333	23	99 433	16 057,961	207 442,719	12,918	12,447
24	99 159	14 793,264	189 120,460	12,784	12,313	24	99 412	14 830,926	191 384,757	12,904	12,433
25	99 111	13 659,227	174 327,196	12,763	12,291	25	99 395	13 698,301	176 553,832	12,889	12,417
26	99 064	12 612,152	160 667,969	12,739	12,268	26	99 376	12 651,960	162 855,531	12,872	12,401
27	99 017	11 645,428	148 055,817	12,714	12,242	27	99 357	11 685,449	150 203,570	12,854	12,382
28	98 965	10 752,225	136 410,389	12,687	12,215	28	99 335	10 792,514	138 518,122	12,835	12,363
29	98 914	9 927,655	125 658,164	12,657	12,186	29	99 311	9 967,503	127 725,607	12,814	12,343
30	98 857	9 165,792	115 730,510	12,626	12,155	30	99 285	9 205,473	117 758,104	12,792	12,321
31	98 800	8 462,367	106 564,717	12,593	12,121	31	99 255	8 501,376	108 552,632	12,769	12,297
32	98 732	7 812,048	98 102,351	12,558	12,086	32	99 224	7 850,958	100 051,256	12,744	12,272
33	98 663	7 211,617	90 290,303	12,520	12,049	33	99 189	7 250,100	92 200,298	12,717	12,246
34	98 593	6 657,271	83 078,686	12,479	12,008	34	99 154	6 695,167	84 950,198	12,688	12,217
35	98 513	6 144,952	76 421,415	12,436	11,965	35	99 115	6 182,493	78 255,030	12,658	12,186
36	98 426	5 671,590	70 276,464	12,391	11,920	36	99 075	5 709,011	72 072,537	12,624	12,153
37	98 339	5 234,696	64 604,873	12,342	11,870	37	99 029	5 271,441	66 363,526	12,589	12,118
38	98 246	4 831,216	59 370,178	12,289	11,817	38	98 983	4 867,450	61 092,085	12,551	12,080
39	98 143	4 458,333	54 538,962	12,233	11,762	39	98 925	4 493,856	56 224,635	12,511	12,040
40	98 036	4 114,057	50 080,629	12,173	11,702	40	98 866	4 148,895	51 730,779	12,469	11,997
41	97 913	3 795,739	45 966,572	12,110	11,639	41	98 799	3 830,097	47 581,883	12,423	11,952
42	97 783	3 501,812	42 170,834	12,043	11,571	42	98 724	3 535,496	43 751,787	12,375	11,904
43	97 638	3 230,110	38 669,022	11,971	11,500	43	98 642	3 263,337	40 216,290	12,324	11,852
44	97 478	2 979,049	35 438,912	11,896	11,425	44	98 553	3 011,917	36 952,953	12,269	11,797
45	97 303	2 747,066	32 459,864	11,816	11,345	45	98 453	2 779,533	33 941,036	12,211	11,740
46	97 104	2 532,518	29 712,797	11,733	11,261	46	98 343	2 564,843	31 161,502	12,149	11,678
47	96 892	2 334,397	27 180,279	11,643	11,172	47	98 218	2 366,362	28 596,659	12,085	11,613
48	96 651	2 151,127	24 845,882	11,550	11,079	48	98 078	2 182,882	26 230,297	12,016	11,545
49	96 382	1 981,650	22 694,755	11,452	10,981	49	97 921	2 013,293	24 047,416	11,944	11,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 824,863	20 713,105	11,351	10,879	50	97 743	1 856,486	22 034,122	11,869	11,397
51	95 740	1 679,855	18 888,243	11,244	10,773	51	97 551	1 711,619	20 177,636	11,789	11,317
52	95 371	1 545,838	17 208,387	11,132	10,661	52	97 335	1 577,680	18 466,017	11,705	11,233
53	94 949	1 421,706	15 662,549	11,017	10,545	53	97 096	1 453,863	16 888,337	11,616	11,145
54	94 475	1 306,806	14 240,843	10,897	10,426	54	96 831	1 339,389	15 434,474	11,524	11,052
55	93 949	1 200,482	12 934,037	10,774	10,303	55	96 539	1 233,587	14 095,085	11,426	10,955
56	93 371	1 102,172	11 733,556	10,646	10,174	56	96 220	1 135,797	12 861,498	11,324	10,852
57	92 733	1 011,218	10 631,384	10,513	10,042	57	95 871	1 045,438	11 725,701	11,216	10,745
58	92 034	927,107	9 620,166	10,377	9,905	58	95 489	961,907	10 680,263	11,103	10,632
59	91 257	849,221	8 693,060	10,237	9,765	59	95 067	884,678	9 718,356	10,985	10,514
60	90 413	777,242	7 843,839	10,092	9,620	60	94 608	813,307	8 833,678	10,861	10,390
61	89 505	710,797	7 066,597	9,942	9,470	61	94 098	747,273	8 020,371	10,733	10,261
62	88 522	649,411	6 355,800	9,787	9,316	62	93 572	686,459	7 273,098	10,595	10,124
63	87 448	592,642	5 706,389	9,629	9,157	63	93 003	630,289	6 586,639	10,450	9,979
64	86 305	540,321	5 113,747	9,464	8,993	64	92 391	578,419	5 956,350	10,298	9,826
65	85 073	492,016	4 573,425	9,295	8,824	65	91 717	530,442	5 377,931	10,139	9,667
66	83 766	447,534	4 081,410	9,120	8,648	66	90 983	486,090	4 847,488	9,972	9,501
67	82 397	406,668	3 633,876	8,936	8,464	67	90 188	445,121	4 361,398	9,798	9,327
68	80 917	368,930	3 227,208	8,747	8,276	68	89 314	407,211	3 916,277	9,617	9,146
69	79 404	334,439	2 858,278	8,546	8,075	69	88 401	372,334	3 509,066	9,425	8,953
70	77 765	302,575	2 523,839	8,341	7,870	70	87 414	340,115	3 136,732	9,223	8,751
71	76 023	273,253	2 221,264	8,129	7,658	71	86 349	310,366	2 796,617	9,011	8,539
72	74 169	246,271	1 948,011	7,910	7,439	72	85 192	282,873	2 486,251	8,789	8,318
73	72 229	221,553	1 701,740	7,681	7,210	73	83 965	257,549	2 203,378	8,555	8,084
74	70 186	198,876	1 480,187	7,443	6,971	74	82 665	234,237	1 945,829	8,307	7,836
75	68 016	178,039	1 281,311	7,197	6,725	75	81 251	212,683	1 711,592	8,048	7,576
76	65 701	158,873	1 103,272	6,944	6,473	76	79 701	192,728	1 498,909	7,777	7,306
77	63 228	141,240	944,399	6,686	6,215	77	77 962	174,154	1 306,181	7,500	7,029
78	60 619	125,093	803,159	6,420	5,949	78	76 055	156,947	1 132,027	7,213	6,741
79	57 816	110,216	678,065	6,152	5,681	79	73 918	140,912	975,080	6,920	6,448
80	54 794	96,493	567,850	5,885	5,413	80	71 485	125,887	834,169	6,626	6,155
81	51 583	83,917	471,356	5,617	5,146	81	68 739	111,826	708,282	6,334	5,862
82	48 151	72,364	387,439	5,354	4,883	82	65 710	98,752	596,456	6,040	5,569
83	44 551	61,850	315,075	5,094	4,623	83	62 402	86,633	497,704	5,745	5,274
84	40 773	52,291	253,225	4,843	4,371	84	58 778	75,382	411,071	5,453	4,982
85	36 886	43,701	200,934	4,598	4,126	85	54 827	64,956	335,689	5,168	4,697
86	32 921	36,030	157,232	4,364	3,892	86	50 593	55,372	270,733	4,889	4,418
87	28 969	29,290	121,202	4,138	3,667	87	46 095	46,604	215,361	4,621	4,150
88	25 117	23,459	91,912	3,918	3,447	88	41 430	38,696	168,757	4,361	3,890
89	21 411	18,474	68,453	3,705	3,234	89	36 673	31,642	130,061	4,110	3,639
90	17 933	14,294	49,979	3,497	3,025	90	31 872	25,404	98,419	3,874	3,403
91	14 713	10,833	35,686	3,294	2,823	91	27 157	19,996	73,015	3,651	3,180
92	11 735	7,982	24,852	3,113	2,642	92	22 613	15,381	53,019	3,447	2,976
93	9 104	5,720	16,870	2,949	2,478	93	18 371	11,544	37,638	3,260	2,789
94	6 884	3,996	11,150	2,790	2,319	94	14 528	8,433	26,094	3,094	2,623
95	5 001	2,682	7,154	2,668	2,196	95	11 112	5,958	17,661	2,964	2,493
96	3 571	1,769	4,472	2,528	2,057	96	8 344	4,133	11,703	2,831	2,360
97	2 455	1,123	2,703	2,406	1,935	97	6 096	2,789	7,569	2,714	2,242
98	1 625	0,687	1,580	2,300	1,828	98	4 407	1,863	4,780	2,566	2,094
99	1 037	0,405	0,893	2,204	1,732	99	3 064	1,197	2,917	2,438	1,966
100	638	0,230	0,488	2,118	1,646	100	2 051	0,740	1,720	2,325	1,854

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 266 096,492	12,661	12,189	0	100 000	100 000,000	1 268 837,510	12,688	12,217
1	99 645	91 839,024	1 166 096,492	12,697	12,225	1	99 694	91 883,515	1 168 837,510	12,721	12,249
2	99 618	84 621,204	1 074 257,468	12,695	12,223	2	99 671	84 665,700	1 076 953,994	12,720	12,248
3	99 603	77 979,729	989 636,264	12,691	12,219	3	99 659	78 023,611	992 288,294	12,718	12,246
4	99 590	71 861,465	911 656,535	12,686	12,215	4	99 647	71 902,595	914 264,682	12,715	12,244
5	99 578	66 224,083	839 795,071	12,681	12,209	5	99 638	66 263,647	842 362,087	12,712	12,240
6	99 569	61 030,270	773 570,987	12,675	12,203	6	99 630	61 067,906	776 098,440	12,709	12,237
7	99 559	56 243,263	712 540,718	12,669	12,197	7	99 624	56 280,079	715 030,534	12,705	12,233
8	99 550	51 832,744	656 297,455	12,662	12,190	8	99 619	51 868,484	658 750,455	12,700	12,229
9	99 542	47 768,223	604 464,711	12,654	12,182	9	99 613	47 802,094	606 881,972	12,696	12,224
10	99 534	44 022,471	556 696,488	12,646	12,174	10	99 606	44 054,379	559 079,877	12,691	12,219
11	99 526	40 570,586	512 674,016	12,637	12,165	11	99 600	40 600,708	515 025,498	12,685	12,213
12	99 518	37 388,906	472 103,430	12,627	12,155	12	99 593	37 417,221	474 424,790	12,679	12,208
13	99 510	34 457,121	434 714,524	12,616	12,144	13	99 585	34 483,189	437 007,569	12,673	12,201
14	99 500	31 754,678	400 257,403	12,605	12,133	14	99 576	31 779,017	402 524,380	12,666	12,195
15	99 488	29 263,450	368 502,725	12,593	12,121	15	99 566	29 286,343	370 745,363	12,659	12,188
16	99 473	26 966,868	339 239,275	12,580	12,108	16	99 554	26 988,644	341 459,020	12,652	12,180
17	99 448	24 847,854	312 272,408	12,567	12,096	17	99 540	24 870,817	314 470,375	12,644	12,172
18	99 418	22 894,533	287 424,554	12,554	12,082	18	99 525	22 919,056	289 599,559	12,636	12,164
19	99 380	21 092,863	264 530,020	12,541	12,069	19	99 505	21 119,252	266 680,503	12,627	12,156
20	99 339	19 432,310	243 437,157	12,527	12,056	20	99 485	19 460,991	245 561,251	12,618	12,146
21	99 294	17 901,890	224 004,847	12,513	12,041	21	99 467	17 933,076	226 100,260	12,608	12,136
22	99 250	16 492,059	206 102,957	12,497	12,025	22	99 451	16 525,444	208 167,184	12,597	12,125
23	99 205	15 193,199	189 610,898	12,480	12,008	23	99 433	15 228,189	191 641,739	12,585	12,113
24	99 159	13 996,518	174 417,699	12,462	11,990	24	99 412	14 032,152	176 413,551	12,572	12,100
25	99 111	12 893,781	160 421,181	12,442	11,970	25	99 395	12 930,666	162 381,399	12,558	12,086
26	99 064	11 877,951	147 527,400	12,420	11,948	26	99 376	11 915,442	149 450,734	12,543	12,071
27	99 017	10 942,233	135 649,449	12,397	11,925	27	99 357	10 979,837	137 535,292	12,526	12,054
28	98 965	10 079,686	124 707,216	12,372	11,900	28	99 335	10 117,455	126 555,455	12,509	12,037
29	98 914	9 285,248	114 627,530	12,345	11,873	29	99 311	9 322,518	116 437,999	12,490	12,018
30	98 857	8 552,932	105 342,282	12,317	11,845	30	99 285	8 589,959	107 115,481	12,470	11,998
31	98 800	7 878,345	96 789,350	12,285	11,814	31	99 255	7 914,662	98 525,522	12,448	11,977
32	98 732	7 256,149	88 911,005	12,253	11,781	32	99 224	7 292,291	90 610,860	12,426	11,954
33	98 663	6 683,010	81 654,855	12,218	11,746	33	99 189	6 718,673	83 318,569	12,401	11,929
34	98 593	6 155,083	74 971,845	12,180	11,709	34	99 154	6 190,121	76 599,896	12,375	11,903
35	98 513	5 668,319	68 816,762	12,141	11,669	35	99 115	5 702,949	70 409,776	12,346	11,874
36	98 426	5 219,620	63 148,442	12,098	11,626	36	99 075	5 254,059	64 706,827	12,316	11,844
37	98 339	4 806,441	57 928,823	12,052	11,581	37	99 029	4 840,180	59 452,768	12,283	11,811
38	98 246	4 425,749	53 122,382	12,003	11,531	38	98 983	4 458,942	54 612,588	12,248	11,776
39	98 143	4 074,750	48 696,633	11,951	11,479	39	98 925	4 107,217	50 153,646	12,211	11,739
40	98 036	3 751,431	44 621,883	11,895	11,423	40	98 866	3 783,199	46 046,428	12,171	11,699
41	97 913	3 453,195	40 870,452	11,836	11,364	41	98 799	3 484,453	42 263,230	12,129	11,657
42	97 783	3 178,453	37 417,256	11,772	11,300	42	98 724	3 209,027	38 778,777	12,084	11,612
43	97 638	2 925,085	34 238,803	11,705	11,233	43	98 642	2 955,175	35 569,750	12,036	11,565
44	97 478	2 691,516	31 313,719	11,634	11,162	44	98 553	2 721,212	32 614,575	11,985	11,514
45	97 303	2 476,205	28 622,203	11,559	11,087	45	98 453	2 505,471	29 893,363	11,931	11,459
46	97 104	2 277,552	26 145,997	11,480	11,008	46	98 343	2 306,622	27 387,892	11,874	11,402
47	96 892	2 094,540	23 868,446	11,396	10,924	47	98 218	2 123,220	25 081,269	11,813	11,341
48	96 651	1 925,653	21 773,906	11,307	10,835	48	98 078	1 954,079	22 958,050	11,749	11,277
49	96 382	1 769,853	19 848,253	11,215	10,743	49	97 921	1 798,114	21 003,970	11,681	11,209

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 626,067	18 078,401	11,118	10,646	50	97 743	1 654,246	19 205,856	11,610	11,138
51	95 740	1 493,408	16 452,333	11,017	10,545	51	97 551	1 521,646	17 551,610	11,535	11,063
52	95 371	1 371,098	14 958,926	10,910	10,438	52	97 335	1 399,341	16 029,964	11,455	10,984
53	94 949	1 258,093	13 587,827	10,800	10,329	53	97 096	1 286,549	14 630,623	11,372	10,900
54	94 475	1 153,751	12 329,734	10,687	10,215	54	96 831	1 182,518	13 344,075	11,284	10,813
55	93 949	1 057,437	11 175,983	10,569	10,097	55	96 539	1 086,598	12 161,556	11,192	10,721
56	93 371	968,605	10 118,546	10,447	9,975	56	96 220	998,155	11 074,958	11,095	10,624
57	92 733	886,625	9 149,941	10,320	9,848	57	95 871	916,629	10 076,803	10,993	10,522
58	92 034	811,005	8 263,316	10,189	9,717	58	95 489	841,447	9 160,174	10,886	10,414
59	91 257	741,161	7 452,311	10,055	9,583	59	95 067	772,107	8 318,727	10,774	10,302
60	90 413	676,778	6 711,151	9,916	9,445	60	94 608	708,182	7 546,620	10,656	10,185
61	89 505	617,496	6 034,372	9,772	9,301	61	94 098	649,183	6 838,439	10,534	10,062
62	88 522	562,867	5 416,876	9,624	9,152	62	93 572	594,978	6 189,255	10,402	9,931
63	87 448	512,480	4 854,010	9,472	9,000	63	93 003	545,035	5 594,277	10,264	9,792
64	86 305	466,160	4 341,529	9,313	8,842	64	92 391	499,028	5 049,243	10,118	9,646
65	85 073	423,506	3 875,369	9,151	8,679	65	91 717	456,582	4 550,214	9,966	9,494
66	83 766	384,330	3 451,863	8,982	8,510	66	90 983	417,442	4 093,632	9,806	9,335
67	82 397	348,431	3 067,533	8,804	8,332	67	90 188	381,378	3 676,190	9,639	9,167
68	80 917	315,369	2 719,101	8,622	8,150	68	89 314	348,093	3 294,812	9,465	8,994
69	79 404	285,227	2 403,732	8,427	7,956	69	88 401	317,546	2 946,719	9,280	8,808
70	77 765	257,457	2 118,505	8,229	7,757	70	87 414	289,399	2 629,174	9,085	8,613
71	76 023	231,971	1 861,048	8,023	7,551	71	86 349	263,478	2 339,774	8,880	8,409
72	74 169	208,584	1 629,077	7,810	7,338	72	85 192	239,585	2 076,297	8,666	8,194
73	72 229	187,216	1 420,493	7,587	7,116	73	83 965	217,634	1 836,712	8,439	7,968
74	70 186	167,667	1 233,277	7,356	6,884	74	82 665	197,478	1 619,078	8,199	7,727
75	68 016	149,754	1 065,610	7,116	6,644	75	81 251	178,894	1 421,600	7,947	7,475
76	65 701	133,325	915,856	6,869	6,398	76	79 701	161,735	1 242,706	7,684	7,212
77	63 228	118,254	782,531	6,617	6,146	77	77 962	145,811	1 080,970	7,413	6,942
78	60 619	104,494	664,277	6,357	5,885	78	76 055	131,102	935,159	7,133	6,661
79	57 816	91,854	559,783	6,094	5,622	79	73 918	117,436	804,057	6,847	6,375
80	54 794	80,233	467,929	5,832	5,360	80	71 485	104,673	686,620	6,560	6,088
81	51 583	69,615	387,696	5,569	5,097	81	68 739	92,767	581,948	6,273	5,801
82	48 151	59,892	318,081	5,311	4,839	82	65 710	81,732	489,181	5,985	5,513
83	44 551	51,073	258,189	5,055	4,584	83	62 402	71,537	407,448	5,696	5,224
84	40 773	43,080	207,116	4,808	4,336	84	58 778	62,103	335,911	5,409	4,937
85	36 886	35,920	164,036	4,567	4,095	85	54 827	53,391	273,808	5,128	4,657
86	32 921	29,547	128,116	4,336	3,864	86	50 593	45,408	220,417	4,854	4,382
87	28 969	23,964	98,569	4,113	3,641	87	46 095	38,130	175,009	4,590	4,118
88	25 117	19,149	74,605	3,896	3,424	88	41 430	31,587	136,879	4,333	3,862
89	21 411	15,045	55,456	3,686	3,214	89	36 673	25,769	105,293	4,086	3,614
90	17 933	11,614	40,411	3,480	3,008	90	31 872	20,641	79,523	3,853	3,381
91	14 713	8,782	28,797	3,279	2,807	91	27 157	16,210	58,882	3,633	3,161
92	11 735	6,456	20,015	3,100	2,628	92	22 613	12,440	42,673	3,430	2,959
93	9 104	4,616	13,559	2,938	2,466	93	18 371	9,315	30,233	3,246	2,774
94	6 884	3,217	8,943	2,780	2,308	94	14 528	6,789	20,918	3,081	2,609
95	5 001	2,154	5,726	2,658	2,187	95	11 112	4,786	14,129	2,952	2,480
96	3 571	1,418	3,572	2,520	2,048	96	8 344	3,312	9,343	2,821	2,349
97	2 455	0,898	2,155	2,399	1,927	97	6 096	2,230	6,031	2,704	2,232
98	1 625	0,548	1,257	2,293	1,822	98	4 407	1,486	3,800	2,558	2,086
99	1 037	0,322	0,709	2,198	1,726	99	3 064	0,952	2,314	2,431	1,959
100	638	0,183	0,386	2,113	1,641	100	2 051	0,588	1,362	2,318	1,847

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 233 324,423	12,333	11,861	0	100 000	100 000,000	1 235 814,233	12,358	11,886
1	99 645	91 627,900	1 133 324,423	12,369	11,897	1	99 694	91 672,289	1 135 814,233	12,390	11,918
2	99 618	84 232,588	1 041 696,523	12,367	11,895	2	99 671	84 276,880	1 044 141,945	12,389	11,917
3	99 603	77 443,173	957 463,935	12,363	11,891	3	99 659	77 486,754	959 865,064	12,387	11,915
4	99 590	71 202,945	880 020,762	12,359	11,887	4	99 647	71 243,698	882 378,311	12,385	11,913
5	99 578	65 466,378	808 817,817	12,355	11,883	5	99 638	65 505,490	811 134,612	12,383	11,911
6	99 569	60 193,296	743 351,439	12,349	11,877	6	99 630	60 230,416	745 629,122	12,380	11,907
7	99 559	55 344,417	683 158,143	12,344	11,872	7	99 624	55 380,645	685 398,707	12,376	11,904
8	99 550	50 887,133	627 813,726	12,337	11,865	8	99 619	50 922,220	630 018,062	12,372	11,900
9	99 542	46 788,954	576 926,593	12,330	11,858	9	99 613	46 822,131	579 095,841	12,368	11,896
10	99 534	43 020,866	530 137,639	12,323	11,851	10	99 606	43 052,047	532 273,710	12,363	11,891
11	99 526	39 556,374	487 116,773	12,314	11,842	11	99 600	39 585,744	489 221,663	12,359	11,886
12	99 518	36 370,429	447 560,399	12,306	11,833	12	99 593	36 397,973	449 635,919	12,353	11,881
13	99 510	33 441,452	411 189,969	12,296	11,824	13	99 585	33 466,752	413 237,946	12,348	11,876
14	99 500	30 747,820	377 748,517	12,285	11,813	14	99 576	30 771,387	379 771,194	12,342	11,870
15	99 488	28 270,443	347 000,697	12,274	11,802	15	99 566	28 292,559	348 999,807	12,335	11,863
16	99 473	25 991,902	318 730,254	12,263	11,790	16	99 554	26 012,892	320 707,248	12,329	11,857
17	99 448	23 894,444	292 738,352	12,251	11,779	17	99 540	23 916,525	294 694,356	12,322	11,850
18	99 418	21 965,460	268 843,908	12,239	11,767	18	99 525	21 988,987	270 777,831	12,314	11,842
19	99 380	20 190,381	246 878,448	12,228	11,755	19	99 505	20 215,641	248 788,844	12,307	11,835
20	99 339	18 558,115	226 688,067	12,215	11,743	20	99 485	18 585,507	228 573,203	12,298	11,826
21	99 294	17 057,242	208 129,952	12,202	11,730	21	99 467	17 086,957	209 987,696	12,289	11,817
22	99 250	15 677,806	191 072,710	12,187	11,715	22	99 451	15 709,543	192 900,740	12,279	11,807
23	99 205	14 409,871	175 394,904	12,172	11,700	23	99 433	14 443,057	177 191,197	12,268	11,796
24	99 159	13 244,371	160 985,033	12,155	11,683	24	99 412	13 278,090	162 748,140	12,257	11,785
25	99 111	12 172,845	147 740,661	12,137	11,665	25	99 395	12 207,667	149 470,050	12,244	11,772
26	99 064	11 188,035	135 567,816	12,117	11,645	26	99 376	11 223,348	137 262,383	12,230	11,758
27	99 017	10 282,974	124 379,781	12,096	11,624	27	99 357	10 318,312	126 039,035	12,215	11,743
28	98 965	9 450,618	114 096,807	12,073	11,601	28	99 335	9 486,031	115 720,722	12,199	11,727
29	98 914	8 685,748	104 646,189	12,048	11,576	29	99 311	8 720,611	106 234,692	12,182	11,710
30	98 857	7 982,321	95 960,441	12,022	11,549	30	99 285	8 016,878	97 514,080	12,164	11,691
31	98 800	7 335,837	87 978,120	11,993	11,521	31	99 255	7 369,653	89 497,202	12,144	11,672
32	98 732	6 740,954	80 642,283	11,963	11,491	32	99 224	6 774,529	82 127,550	12,123	11,651
33	98 663	6 194,236	73 901,330	11,931	11,458	33	99 189	6 227,290	75 353,020	12,100	11,628
34	98 593	5 691,805	67 707,094	11,896	11,423	34	99 154	5 724,205	69 125,730	12,076	11,604
35	98 513	5 229,629	62 015,289	11,858	11,386	35	99 115	5 261,578	63 401,525	12,050	11,578
36	98 426	4 804,585	56 785,661	11,819	11,347	36	99 075	4 836,285	58 139,947	12,022	11,549
37	98 339	4 414,089	51 981,076	11,776	11,304	37	99 029	4 445,074	53 303,662	11,992	11,519
38	98 246	4 055,129	47 566,987	11,730	11,258	38	98 983	4 085,543	48 858,588	11,959	11,487
39	98 143	3 724,941	43 511,857	11,681	11,209	39	98 925	3 754,621	44 773,045	11,925	11,453
40	98 036	3 421,495	39 786,916	11,629	11,156	40	98 866	3 450,469	41 018,423	11,888	11,416
41	97 913	3 142,248	36 365,421	11,573	11,101	41	98 799	3 170,691	37 567,955	11,849	11,376
42	97 783	2 885,597	33 223,173	11,513	11,041	42	98 724	2 913,354	34 397,264	11,807	11,335
43	97 638	2 649,469	30 337,576	11,450	10,978	43	98 642	2 676,723	31 483,910	11,762	11,290
44	97 478	2 432,303	27 688,107	11,383	10,911	44	98 553	2 459,140	28 807,187	11,714	11,242
45	97 303	2 232,585	25 255,804	11,312	10,840	45	98 453	2 258,971	26 348,047	11,664	11,192
46	97 104	2 048,755	23 023,219	11,238	10,765	46	98 343	2 074,905	24 089,076	11,610	11,138
47	96 892	1 879,796	20 974,465	11,158	10,686	47	98 218	1 905,536	22 014,171	11,553	11,081
48	96 651	1 724,252	19 094,669	11,074	10,602	48	98 078	1 749,705	20 108,635	11,493	11,020
49	96 382	1 581,103	17 370,417	10,986	10,514	49	97 921	1 606,351	18 358,930	11,429	10,957

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 8,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 449,313	15 789,313	10,894	10,422	50	97 743	1 474,428	16 752,579	11,362	10,890
51	95 740	1 328,014	14 340,000	10,798	10,326	51	97 551	1 353,124	15 278,150	11,291	10,819
52	95 371	1 216,447	13 011,987	10,697	10,225	52	97 335	1 241,504	13 925,026	11,216	10,744
53	94 949	1 113,622	11 795,540	10,592	10,120	53	97 096	1 138,810	12 683,522	11,138	10,665
54	94 475	1 018,914	10 681,918	10,484	10,011	54	96 831	1 044,319	11 544,712	11,055	10,583
55	93 949	931,710	9 663,004	10,371	9,899	55	96 539	957,404	10 500,392	10,968	10,495
56	93 371	851,477	8 731,294	10,254	9,782	56	96 220	877,454	9 542,989	10,876	10,404
57	92 733	777,620	7 879,817	10,133	9,661	57	95 871	803,934	8 665,535	10,779	10,307
58	92 034	709,661	7 102,198	10,008	9,536	58	95 489	736,299	7 861,600	10,677	10,205
59	91 257	647,054	6 392,537	9,879	9,407	59	95 067	674,070	7 125,301	10,571	10,098
60	90 413	589,488	5 745,483	9,747	9,274	60	94 608	616,841	6 451,231	10,459	9,986
61	89 505	536,615	5 155,995	9,608	9,136	61	94 098	564,152	5 834,390	10,342	9,870
62	88 522	488,017	4 619,380	9,466	8,993	62	93 572	515,858	5 270,238	10,216	9,744
63	87 448	443,309	4 131,363	9,319	8,847	63	93 003	471,470	4 754,380	10,084	9,612
64	86 305	402,314	3 688,054	9,167	8,695	64	92 391	430,681	4 282,911	9,945	9,472
65	85 073	364,662	3 285,740	9,010	8,538	65	91 717	393,142	3 852,230	9,799	9,326
66	83 766	330,169	2 921,078	8,847	8,375	66	90 983	358,614	3 459,087	9,646	9,174
67	82 397	298,641	2 590,909	8,676	8,203	67	90 188	326,879	3 100,474	9,485	9,013
68	80 917	269,682	2 292,269	8,500	8,028	68	89 314	297,665	2 773,594	9,318	8,846
69	79 404	243,345	2 022,587	8,312	7,839	69	88 401	270,919	2 475,930	9,139	8,667
70	77 765	219,148	1 779,242	8,119	7,647	70	87 414	246,337	2 205,011	8,951	8,479
71	76 023	197,001	1 560,093	7,919	7,447	71	86 349	223,757	1 958,674	8,754	8,281
72	74 169	176,732	1 363,093	7,713	7,241	72	85 192	202,999	1 734,916	8,546	8,074
73	72 229	158,262	1 186,361	7,496	7,024	73	83 965	183,976	1 531,918	8,327	7,855
74	70 186	141,411	1 028,098	7,270	6,798	74	82 665	166,554	1 347,942	8,093	7,621
75	68 016	126,012	886,688	7,037	6,564	75	81 251	150,533	1 181,388	7,848	7,376
76	65 701	111,930	760,675	6,796	6,324	76	79 701	135,782	1 030,855	7,592	7,120
77	63 228	99,050	648,745	6,550	6,077	77	77 962	122,132	895,074	7,329	6,857
78	60 619	87,323	549,695	6,295	5,823	78	76 055	109,559	772,942	7,055	6,583
79	57 816	76,584	462,372	6,037	5,565	79	73 918	97,913	663,383	6,775	6,303
80	54 794	66,740	385,789	5,780	5,308	80	71 485	87,071	565,470	6,494	6,022
81	51 583	57,775	319,048	5,522	5,050	81	68 739	76,990	478,400	6,214	5,742
82	48 151	49,592	261,273	5,268	4,796	82	65 710	67,676	401,410	5,931	5,459
83	44 551	42,192	211,681	5,017	4,545	83	62 402	59,098	333,735	5,647	5,175
84	40 773	35,507	169,490	4,773	4,301	84	58 778	51,186	274,637	5,365	4,893
85	36 886	29,538	133,982	4,536	4,064	85	54 827	43,904	223,450	5,090	4,617
86	32 921	24,241	104,445	4,309	3,836	86	50 593	37,254	179,546	4,820	4,347
87	28 969	19,615	80,204	4,089	3,617	87	46 095	31,211	142,292	4,559	4,087
88	25 117	15,638	60,588	3,874	3,402	88	41 430	25,796	111,081	4,306	3,834
89	21 411	12,259	44,950	3,667	3,195	89	36 673	20,996	85,286	4,062	3,590
90	17 933	9,441	32,691	3,463	2,990	90	31 872	16,779	64,290	3,831	3,359
91	14 713	7,123	23,250	3,264	2,792	91	27 157	13,147	47,510	3,614	3,142
92	11 735	5,224	16,128	3,087	2,615	92	22 613	10,066	34,363	3,414	2,942
93	9 104	3,726	10,904	2,926	2,454	93	18 371	7,520	24,297	3,231	2,759
94	6 884	2,591	7,177	2,770	2,298	94	14 528	5,468	16,777	3,068	2,596
95	5 001	1,731	4,586	2,649	2,177	95	11 112	3,846	11,309	2,941	2,468
96	3 571	1,137	2,855	2,512	2,040	96	8 344	2,656	7,463	2,810	2,338
97	2 455	0,718	1,719	2,392	1,920	97	6 096	1,784	4,807	2,695	2,223
98	1 625	0,437	1,000	2,287	1,815	98	4 407	1,186	3,023	2,549	2,077
99	1 037	0,257	0,563	2,192	1,720	99	3 064	0,758	1,837	2,423	1,951
100	638	0,145	0,306	2,108	1,635	100	2 051	0,467	1,079	2,312	1,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 202 305,928	12,023	11,551	0	100 000	100 000,000	1 204 575,738	12,046	11,573
1	99 645	91 417,744	1 102 305,928	12,058	11,585	1	99 694	91 462,031	1 104 575,738	12,077	11,604
2	99 618	83 846,643	1 010 888,184	12,056	11,584	2	99 671	83 890,732	1 013 113,707	12,077	11,604
3	99 603	76 911,528	927 041,541	12,053	11,581	3	99 659	76 954,810	929 222,975	12,075	11,602
4	99 590	70 551,951	850 130,012	12,050	11,577	4	99 647	70 592,332	852 268,165	12,073	11,601
5	99 578	64 719,053	779 578,062	12,046	11,573	5	99 638	64 757,718	781 675,833	12,071	11,598
6	99 569	59 369,683	714 859,008	12,041	11,568	6	99 630	59 406,295	716 918,115	12,068	11,595
7	99 559	54 461,950	655 489,326	12,036	11,563	7	99 624	54 497,601	657 511,820	12,065	11,592
8	99 550	49 960,885	601 027,375	12,030	11,557	8	99 619	49 995,334	603 014,220	12,061	11,589
9	99 542	45 831,941	551 066,490	12,024	11,551	9	99 613	45 864,439	553 018,886	12,058	11,585
10	99 534	42 044,271	505 234,549	12,017	11,544	10	99 606	42 074,744	507 154,446	12,054	11,581
11	99 526	38 569,759	463 190,279	12,009	11,537	11	99 600	38 598,396	465 079,702	12,049	11,577
12	99 518	35 381,940	424 620,520	12,001	11,528	12	99 593	35 408,735	426 481,306	12,045	11,572
13	99 510	32 457,952	389 238,580	11,992	11,520	13	99 585	32 482,508	391 072,572	12,039	11,567
14	99 500	29 775,090	356 780,628	11,983	11,510	14	99 576	29 797,911	358 590,064	12,034	11,562
15	99 488	27 313,297	327 005,538	11,972	11,500	15	99 566	27 334,665	328 792,153	12,028	11,556
16	99 473	25 054,304	299 692,242	11,962	11,489	16	99 554	25 074,537	301 457,488	12,022	11,550
17	99 448	22 979,680	274 637,937	11,951	11,479	17	99 540	23 000,916	276 382,952	12,016	11,544
18	99 418	21 076,094	251 658,257	11,940	11,468	18	99 525	21 098,668	253 382,036	12,009	11,537
19	99 380	19 328,453	230 582,164	11,930	11,457	19	99 505	19 352,635	232 283,367	12,003	11,530
20	99 339	17 725,122	211 253,710	11,918	11,446	20	99 485	17 751,283	212 930,733	11,995	11,523
21	99 294	16 254,250	193 528,589	11,906	11,434	21	99 467	16 282,566	195 179,449	11,987	11,514
22	99 250	14 905,487	177 274,339	11,893	11,421	22	99 451	14 935,660	178 896,884	11,978	11,505
23	99 205	13 668,591	162 368,852	11,879	11,406	23	99 433	13 700,070	163 961,223	11,968	11,495
24	99 159	12 534,233	148 700,261	11,864	11,391	24	99 412	12 566,144	150 261,154	11,958	11,485
25	99 111	11 493,738	136 166,027	11,847	11,374	25	99 395	11 526,618	137 695,010	11,946	11,473
26	99 064	10 539,640	124 672,290	11,829	11,356	26	99 376	10 572,907	126 168,392	11,933	11,461
27	99 017	9 664,813	114 132,649	11,809	11,337	27	99 357	9 698,027	115 595,486	11,919	11,447
28	98 965	8 862,122	104 467,836	11,788	11,316	28	99 335	8 895,329	105 897,459	11,905	11,432
29	98 914	8 126,199	95 605,714	11,765	11,293	29	99 311	8 158,817	97 002,129	11,889	11,417
30	98 857	7 450,960	87 479,515	11,741	11,268	30	99 285	7 483,216	88 843,312	11,872	11,400
31	98 800	6 831,805	80 028,555	11,714	11,242	31	99 255	6 863,298	81 360,096	11,854	11,382
32	98 732	6 263,397	73 196,750	11,686	11,214	32	99 224	6 294,593	74 496,798	11,835	11,362
33	98 663	5 742,210	66 933,354	11,656	11,184	33	99 189	5 772,852	68 202,205	11,814	11,342
34	98 593	5 264,342	61 191,144	11,624	11,151	34	99 154	5 294,309	62 429,353	11,792	11,319
35	98 513	4 825,782	55 926,802	11,589	11,117	35	99 115	4 855,264	57 135,044	11,768	11,295
36	98 426	4 423,393	51 101,020	11,552	11,080	36	99 075	4 452,578	52 279,780	11,741	11,269
37	98 339	4 054,558	46 677,627	11,512	11,040	37	99 029	4 083,019	47 827,201	11,714	11,241
38	98 246	3 716,292	42 623,069	11,469	10,997	38	98 983	3 744,165	43 744,182	11,683	11,211
39	98 143	3 405,864	38 906,777	11,423	10,951	39	98 925	3 433,002	40 000,017	11,652	11,179
40	98 036	3 121,236	35 500,912	11,374	10,901	40	98 866	3 147,667	36 567,015	11,617	11,145
41	97 913	2 859,921	32 379,676	11,322	10,849	41	98 799	2 885,808	33 419,348	11,581	11,108
42	97 783	2 620,305	29 519,755	11,266	10,793	42	98 724	2 645,511	30 533,540	11,542	11,069
43	97 638	2 400,368	26 899,450	11,206	10,734	43	98 642	2 425,060	27 888,030	11,500	11,027
44	97 478	2 198,566	24 499,082	11,143	10,671	44	98 553	2 222,823	25 462,970	11,455	10,983
45	97 303	2 013,411	22 300,516	11,076	10,603	45	98 453	2 037,207	23 240,147	11,408	10,935
46	97 104	1 843,390	20 287,105	11,005	10,533	46	98 343	1 866,919	21 202,939	11,357	10,885
47	96 892	1 687,489	18 443,715	10,930	10,457	47	98 218	1 710,595	19 336,020	11,304	10,831
48	96 651	1 544,307	16 756,226	10,850	10,378	48	98 078	1 567,104	17 625,425	11,247	10,775
49	96 382	1 412,849	15 211,920	10,767	10,294	49	97 921	1 435,410	16 058,321	11,187	10,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 292,113	13 799,070	10,679	10,207	50	97 743	1 314,505	14 622,911	11,124	10,652
51	95 740	1 181,255	12 506,957	10,588	10,115	51	97 551	1 203,591	13 308,406	11,057	10,585
52	95 371	1 079,536	11 325,702	10,491	10,019	52	97 335	1 101,773	12 104,816	10,987	10,514
53	94 949	986,017	10 246,166	10,391	9,919	53	97 096	1 008,319	11 003,043	10,912	10,440
54	94 475	900,092	9 260,149	10,288	9,815	54	96 831	922,535	9 994,724	10,834	10,361
55	93 949	821,170	8 360,057	10,181	9,708	55	96 539	843,815	9 072,189	10,751	10,279
56	93 371	748,735	7 538,887	10,069	9,596	56	96 220	771,577	8 228,374	10,664	10,192
57	92 733	682,221	6 790,153	9,953	9,480	57	95 871	705,307	7 456,796	10,572	10,100
58	92 034	621,171	6 107,932	9,833	9,360	58	95 489	644,488	6 751,489	10,476	10,003
59	91 257	565,072	5 486,761	9,710	9,237	59	95 067	588,665	6 107,001	10,374	9,902
60	90 413	513,619	4 921,689	9,582	9,110	60	94 608	537,451	5 518,336	10,268	9,795
61	89 505	466,479	4 408,070	9,450	8,977	61	94 098	490,416	4 980,885	10,156	9,684
62	88 522	423,259	3 941,592	9,312	8,840	62	93 572	447,406	4 490,468	10,037	9,564
63	87 448	383,602	3 518,332	9,172	8,699	63	93 003	407,970	4 043,062	9,910	9,438
64	86 305	347,330	3 134,730	9,025	8,553	64	92 391	371,820	3 635,092	9,776	9,304
65	85 073	314,102	2 787,400	8,874	8,402	65	91 717	338,633	3 263,272	9,637	9,164
66	83 766	283,739	2 473,298	8,717	8,244	66	90 983	308,184	2 924,639	9,490	9,017
67	82 397	256,056	2 189,560	8,551	8,079	67	90 188	280,267	2 616,455	9,336	8,863
68	80 917	230,696	1 933,504	8,381	7,909	68	89 314	254,633	2 336,188	9,175	8,702
69	79 404	207,689	1 702,808	8,199	7,726	69	88 401	231,222	2 081,554	9,002	8,530
70	77 765	186,609	1 495,119	8,012	7,539	70	87 414	209,761	1 850,332	8,821	8,349
71	76 023	167,365	1 308,510	7,818	7,346	71	86 349	190,096	1 640,571	8,630	8,158
72	74 169	149,801	1 141,145	7,618	7,145	72	85 192	172,065	1 450,475	8,430	7,957
73	72 229	133,838	991,344	7,407	6,934	73	83 965	155,583	1 278,410	8,217	7,744
74	70 186	119,313	857,506	7,187	6,714	74	82 665	140,527	1 122,827	7,990	7,518
75	68 016	106,077	738,193	6,959	6,486	75	81 251	126,718	982,300	7,752	7,279
76	65 701	94,006	632,117	6,724	6,252	76	79 701	114,038	855,582	7,503	7,030
77	63 228	82,998	538,110	6,483	6,011	77	77 962	102,339	741,543	7,246	6,773
78	60 619	73,003	455,112	6,234	5,762	78	76 055	91,593	639,204	6,979	6,506
79	57 816	63,879	382,109	5,982	5,509	79	73 918	81,669	547,611	6,705	6,233
80	54 794	55,541	318,230	5,730	5,257	80	71 485	72,459	465,942	6,430	5,958
81	51 583	47,969	262,690	5,476	5,004	81	68 739	63,923	393,483	6,156	5,683
82	48 151	41,081	214,720	5,227	4,754	82	65 710	56,061	329,560	5,879	5,406
83	44 551	34,871	173,640	4,980	4,507	83	62 402	48,843	273,499	5,600	5,127
84	40 773	29,278	138,769	4,740	4,267	84	58 778	42,207	224,656	5,323	4,850
85	36 886	24,300	109,491	4,506	4,033	85	54 827	36,119	182,449	5,051	4,579
86	32 921	19,897	85,190	4,282	3,809	86	50 593	30,578	146,330	4,785	4,313
87	28 969	16,063	65,293	4,065	3,592	87	46 095	25,559	115,752	4,529	4,056
88	25 117	12,777	49,230	3,853	3,380	88	41 430	21,076	90,192	4,279	3,807
89	21 411	9,993	36,453	3,648	3,175	89	36 673	17,116	69,116	4,038	3,566
90	17 933	7,678	26,460	3,446	2,973	90	31 872	13,647	52,001	3,811	3,338
91	14 713	5,780	18,782	3,250	2,777	91	27 157	10,668	38,354	3,595	3,123
92	11 735	4,229	13,002	3,074	2,602	92	22 613	8,149	27,687	3,397	2,925
93	9 104	3,010	8,773	2,915	2,442	93	18 371	6,074	19,537	3,217	2,744
94	6 884	2,088	5,763	2,760	2,287	94	14 528	4,407	13,463	3,055	2,583
95	5 001	1,392	3,675	2,641	2,168	95	11 112	3,092	9,057	2,929	2,456
96	3 571	0,912	2,283	2,504	2,032	96	8 344	2,130	5,964	2,800	2,327
97	2 455	0,575	1,371	2,385	1,913	97	6 096	1,428	3,834	2,685	2,213
98	1 625	0,349	0,796	2,281	1,808	98	4 407	0,947	2,406	2,541	2,069
99	1 037	0,205	0,447	2,187	1,714	99	3 064	0,604	1,459	2,416	1,944
100	638	0,115	0,243	2,103	1,630	100	2 051	0,371	0,855	2,306	1,833

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 172 908,180	11,729	11,256	0	100 000	100 000,000	1 174 984,794	11,750	11,277
1	99 645	91 208,550	1 072 908,180	11,763	11,290	1	99 694	91 252,736	1 074 984,794	11,780	11,307
2	99 618	83 463,345	981 699,630	11,762	11,289	2	99 671	83 507,232	983 732,058	11,780	11,307
3	99 603	76 384,739	898 236,285	11,759	11,286	3	99 659	76 427,724	900 224,825	11,779	11,306
4	99 590	69 908,380	821 851,546	11,756	11,283	4	99 647	69 948,392	823 797,101	11,777	11,304
5	99 578	63 981,942	751 943,166	11,752	11,279	5	99 638	64 020,166	753 848,709	11,775	11,302
6	99 569	58 559,188	687 961,224	11,748	11,275	6	99 630	58 595,300	689 828,543	11,773	11,300
7	99 559	53 595,528	629 402,037	11,744	11,271	7	99 624	53 630,611	631 233,243	11,770	11,297
8	99 550	49 053,561	575 806,508	11,738	11,265	8	99 619	49 087,384	577 602,631	11,767	11,294
9	99 542	44 896,627	526 752,947	11,733	11,260	9	99 613	44 928,463	528 515,247	11,763	11,291
10	99 534	41 092,006	481 856,320	11,726	11,253	10	99 606	41 121,790	483 586,784	11,760	11,287
11	99 526	37 609,928	440 764,314	11,719	11,246	11	99 600	37 637,852	442 464,995	11,756	11,283
12	99 518	34 422,489	403 154,386	11,712	11,239	12	99 593	34 448,557	404 827,143	11,752	11,279
13	99 510	31 505,530	368 731,897	11,704	11,231	13	99 585	31 529,365	370 378,586	11,747	11,274
14	99 500	28 835,256	337 226,367	11,695	11,222	14	99 576	28 857,357	338 849,220	11,742	11,269
15	99 488	26 390,639	308 391,111	11,686	11,213	15	99 566	26 411,285	309 991,863	11,737	11,264
16	99 473	24 152,561	282 000,472	11,676	11,203	16	99 554	24 172,065	283 580,578	11,732	11,259
17	99 448	22 101,913	257 847,911	11,666	11,193	17	99 540	22 122,338	259 408,513	11,726	11,253
18	99 418	20 224,652	235 745,998	11,656	11,183	18	99 525	20 246,315	237 286,175	11,720	11,247
19	99 380	18 505,171	215 521,346	11,647	11,174	19	99 505	18 528,322	217 039,860	11,714	11,241
20	99 339	16 931,299	197 016,175	11,636	11,163	20	99 485	16 956,289	198 511,538	11,707	11,234
21	99 294	15 490,771	180 084,876	11,625	11,152	21	99 467	15 517,757	181 555,250	11,700	11,227
22	99 250	14 172,854	164 594,106	11,613	11,140	22	99 451	14 201,545	166 037,493	11,692	11,219
23	99 205	12 967,013	150 421,251	11,600	11,127	23	99 433	12 996,876	151 835,948	11,682	11,210
24	99 159	11 863,669	137 454,238	11,586	11,113	24	99 412	11 893,873	138 839,072	11,673	11,200
25	99 111	10 853,944	125 590,569	11,571	11,098	25	99 395	10 884,994	126 945,200	11,662	11,189
26	99 064	9 930,181	114 736,624	11,554	11,081	26	99 376	9 961,523	116 060,206	11,651	11,178
27	99 017	9 085,103	104 806,444	11,536	11,063	27	99 357	9 116,325	106 098,682	11,638	11,165
28	98 965	8 311,496	95 721,340	11,517	11,044	28	99 335	8 342,640	96 982,357	11,625	11,152
29	98 914	7 603,858	87 409,845	11,495	11,023	29	99 311	7 634,379	88 639,718	11,611	11,138
30	98 857	6 956,068	79 805,987	11,473	11,000	30	99 285	6 986,182	81 005,339	11,595	11,122
31	98 800	6 363,442	72 849,919	11,448	10,975	31	99 255	6 392,775	74 019,157	11,579	11,106
32	98 732	5 820,651	66 486,477	11,423	10,950	32	99 224	5 849,643	67 626,382	11,561	11,088
33	98 663	5 324,095	60 665,826	11,395	10,922	33	99 189	5 352,506	61 776,739	11,542	11,069
34	98 593	4 869,853	55 341,731	11,364	10,891	34	99 154	4 897,575	56 424,233	11,521	11,048
35	98 513	4 453,942	50 471,878	11,332	10,859	35	99 115	4 481,152	51 526,658	11,499	11,026
36	98 426	4 073,216	46 017,936	11,298	10,825	36	99 075	4 100,091	47 045,506	11,474	11,001
37	98 339	3 725,036	41 944,721	11,260	10,787	37	99 029	3 751,184	42 945,415	11,448	10,976
38	98 246	3 406,449	38 219,685	11,220	10,747	38	98 983	3 431,998	39 194,232	11,420	10,947
39	98 143	3 114,759	34 813,236	11,177	10,704	39	98 925	3 139,577	35 762,234	11,391	10,918
40	98 036	2 847,926	31 698,478	11,130	10,657	40	98 866	2 872,043	32 622,657	11,359	10,886
41	97 913	2 603,521	28 850,552	11,081	10,608	41	98 799	2 627,088	29 750,615	11,325	10,852
42	97 783	2 379,929	26 247,030	11,028	10,556	42	98 724	2 402,822	27 123,527	11,288	10,815
43	97 638	2 175,179	23 867,101	10,972	10,500	43	98 642	2 197,555	24 720,705	11,249	10,776
44	97 478	1 987,750	21 691,922	10,913	10,440	44	98 553	2 009,682	22 523,150	11,207	10,734
45	97 303	1 816,184	19 704,172	10,849	10,376	45	98 453	1 837,649	20 513,468	11,163	10,690
46	97 104	1 659,013	17 887,988	10,782	10,309	46	98 343	1 680,188	18 675,819	11,115	10,642
47	96 892	1 515,229	16 228,975	10,711	10,238	47	98 218	1 535,977	16 995,631	11,065	10,592
48	96 651	1 383,490	14 713,746	10,635	10,162	48	98 078	1 403,913	15 459,654	11,012	10,539
49	96 382	1 262,826	13 330,256	10,556	10,083	49	97 921	1 282,991	14 055,741	10,955	10,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 152,267	12 067,430	10,473	10,000	50	97 743	1 172,235	12 772,750	10,896	10,423
51	95 740	1 050,997	10 915,163	10,386	9,913	51	97 551	1 070,870	11 600,515	10,833	10,360
52	95 371	958,296	9 864,166	10,293	9,821	52	97 335	978,036	10 529,645	10,766	10,293
53	94 949	873,277	8 905,870	10,198	9,725	53	97 096	893,029	9 551,609	10,696	10,223
54	94 475	795,353	8 032,592	10,099	9,626	54	96 831	815,184	8 658,580	10,622	10,149
55	93 949	723,954	7 237,240	9,997	9,524	55	96 539	743,918	7 843,396	10,543	10,070
56	93 371	658,584	6 513,286	9,890	9,417	56	96 220	678,676	7 099,478	10,461	9,988
57	92 733	598,705	5 854,702	9,779	9,306	57	95 871	618,965	6 420,802	10,373	9,901
58	92 034	543,882	5 255,997	9,664	9,191	58	95 489	564,297	5 801,837	10,282	9,809
59	91 257	493,630	4 712,116	9,546	9,073	59	95 067	514,241	5 237,540	10,185	9,712
60	90 413	447,656	4 218,486	9,424	8,951	60	94 608	468,427	4 723,299	10,083	9,610
61	89 505	405,639	3 770,830	9,296	8,823	61	94 098	426,455	4 254,872	9,977	9,504
62	88 522	367,215	3 365,191	9,164	8,691	62	93 572	388,164	3 828,417	9,863	9,390
63	87 448	332,047	2 997,976	9,029	8,556	63	93 003	353,140	3 440,253	9,742	9,269
64	86 305	299,961	2 665,929	8,888	8,415	64	92 391	321,112	3 087,113	9,614	9,141
65	85 073	270,644	2 365,968	8,742	8,269	65	91 717	291,782	2 766,002	9,480	9,007
66	83 766	243,923	2 095,324	8,590	8,117	66	90 983	264,937	2 474,220	9,339	8,866
67	82 397	219,621	1 851,401	8,430	7,957	67	90 188	240,387	2 209,283	9,191	8,718
68	80 917	197,416	1 631,781	8,266	7,793	68	89 314	217,901	1 968,895	9,036	8,563
69	79 404	177,322	1 434,364	8,089	7,616	69	88 401	197,414	1 750,995	8,870	8,397
70	77 765	158,959	1 257,042	7,908	7,435	70	87 414	178,681	1 553,580	8,695	8,222
71	76 023	142,241	1 098,083	7,720	7,247	71	86 349	161,560	1 374,900	8,510	8,037
72	74 169	127,022	955,843	7,525	7,052	72	85 192	145,900	1 213,340	8,316	7,843
73	72 229	113,227	828,821	7,320	6,847	73	83 965	131,623	1 067,440	8,110	7,637
74	70 186	100,707	715,594	7,106	6,633	74	82 665	118,613	935,817	7,890	7,417
75	68 016	89,330	614,887	6,883	6,410	75	81 251	106,713	817,203	7,658	7,185
76	65 701	78,984	525,556	6,654	6,181	76	79 701	95,815	710,490	7,415	6,942
77	63 228	69,575	446,572	6,419	5,946	77	77 962	85,789	614,675	7,165	6,692
78	60 619	61,057	376,997	6,174	5,702	78	76 055	76,605	528,886	6,904	6,431
79	57 816	53,303	315,939	5,927	5,454	79	73 918	68,149	452,281	6,637	6,164
80	54 794	46,240	262,636	5,680	5,207	80	71 485	60,325	384,133	6,368	5,895
81	51 583	39,845	216,396	5,431	4,958	81	68 739	53,097	323,808	6,098	5,626
82	48 151	34,045	176,551	5,186	4,713	82	65 710	46,459	270,711	5,827	5,354
83	44 551	28,832	142,507	4,943	4,470	83	62 402	40,385	224,252	5,553	5,080
84	40 773	24,153	113,674	4,706	4,233	84	58 778	34,819	183,867	5,281	4,808
85	36 886	20,001	89,521	4,476	4,003	85	54 827	29,728	149,048	5,014	4,541
86	32 921	16,339	69,521	4,255	3,782	86	50 593	25,110	119,320	4,752	4,279
87	28 969	13,161	53,182	4,041	3,568	87	46 095	20,940	94,210	4,499	4,026
88	25 117	10,444	40,021	3,832	3,359	88	41 430	17,228	73,269	4,253	3,780
89	21 411	8,150	29,577	3,629	3,156	89	36 673	13,959	56,042	4,015	3,542
90	17 933	6,248	21,427	3,430	2,957	90	31 872	11,104	42,083	3,790	3,317
91	14 713	4,692	15,180	3,235	2,762	91	27 157	8,660	30,979	3,577	3,104
92	11 735	3,425	10,488	3,062	2,589	92	22 613	6,601	22,319	3,381	2,908
93	9 104	2,432	7,062	2,903	2,430	93	18 371	4,909	15,718	3,202	2,729
94	6 884	1,684	4,630	2,750	2,277	94	14 528	3,553	10,810	3,042	2,569
95	5 001	1,120	2,946	2,632	2,159	95	11 112	2,487	7,257	2,917	2,445
96	3 571	0,732	1,827	2,496	2,023	96	8 344	1,710	4,769	2,790	2,317
97	2 455	0,460	1,095	2,378	1,905	97	6 096	1,143	3,060	2,676	2,203
98	1 625	0,279	0,635	2,275	1,802	98	4 407	0,757	1,916	2,533	2,060
99	1 037	0,163	0,356	2,181	1,708	99	3 064	0,481	1,160	2,409	1,936
100	638	0,092	0,193	2,098	1,625	100	2 051	0,295	0,678	2,299	1,826

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 145 010,929	11,450	10,977	0	100 000	100 000,000	1 146 917,417	11,469	10,996
1	99 645	91 000,311	1 045 010,929	11,484	11,010	1	99 694	91 044,396	1 046 917,417	11,499	11,026
2	99 618	83 082,669	954 010,618	11,483	11,009	2	99 671	83 126,356	955 873,021	11,499	11,026
3	99 603	75 862,749	870 927,949	11,480	11,007	3	99 659	75 905,441	872 746,664	11,498	11,025
4	99 590	69 272,130	795 065,200	11,477	11,004	4	99 647	69 311,778	796 841,224	11,496	11,023
5	99 578	63 254,882	725 793,070	11,474	11,001	5	99 638	63 292,672	727 529,445	11,495	11,021
6	99 569	57 761,572	662 538,188	11,470	10,997	6	99 630	57 797,192	664 236,773	11,493	11,019
7	99 559	52 744,823	604 776,616	11,466	10,993	7	99 624	52 779,349	606 439,581	11,490	11,017
8	99 550	48 164,733	552 031,793	11,461	10,988	8	99 619	48 197,943	553 660,232	11,487	11,014
9	99 542	43 982,474	503 867,060	11,456	10,983	9	99 613	44 013,661	505 462,289	11,484	11,011
10	99 534	40 163,413	459 884,586	11,450	10,977	10	99 606	40 192,523	461 448,628	11,481	11,008
11	99 526	36 676,095	419 721,173	11,444	10,971	11	99 600	36 703,326	421 256,104	11,477	11,004
12	99 518	33 491,160	383 045,078	11,437	10,964	12	99 593	33 516,523	384 552,778	11,474	11,000
13	99 510	30 583,137	349 553,918	11,430	10,956	13	99 585	30 606,275	351 036,256	11,469	10,996
14	99 500	27 927,135	318 970,781	11,422	10,948	14	99 576	27 948,540	320 429,981	11,465	10,992
15	99 488	25 501,152	291 043,646	11,413	10,940	15	99 566	25 521,102	292 481,441	11,460	10,987
16	99 473	23 285,223	265 542,494	11,404	10,931	16	99 554	23 304,027	266 960,339	11,456	10,982
17	99 448	21 259,567	242 257,271	11,395	10,922	17	99 540	21 279,214	243 656,311	11,450	10,977
18	99 418	19 409,437	220 997,704	11,386	10,913	18	99 525	19 430,226	222 377,098	11,445	10,972
19	99 380	17 718,718	201 588,267	11,377	10,904	19	99 505	17 740,885	202 946,872	11,440	10,966
20	99 339	16 174,721	183 869,549	11,368	10,894	20	99 485	16 198,595	185 205,986	11,433	10,960
21	99 294	14 764,777	167 694,827	11,358	10,884	21	99 467	14 790,498	169 007,392	11,427	10,953
22	99 250	13 477,784	152 930,051	11,347	10,874	22	99 451	13 505,068	154 216,894	11,419	10,946
23	99 205	12 302,928	139 452,266	11,335	10,862	23	99 433	12 331,261	140 711,826	11,411	10,938
24	99 159	11 230,391	127 149,339	11,322	10,849	24	99 412	11 258,982	128 380,565	11,403	10,929
25	99 111	10 251,107	115 918,948	11,308	10,835	25	99 395	10 280,432	117 121,583	11,393	10,919
26	99 064	9 357,237	105 667,841	11,293	10,819	26	99 376	9 386,772	106 841,152	11,382	10,909
27	99 017	8 541,373	96 310,604	11,276	10,802	27	99 357	8 570,726	97 454,380	11,371	10,897
28	98 965	7 796,224	87 769,231	11,258	10,785	28	99 335	7 825,437	88 883,654	11,358	10,885
29	98 914	7 116,172	79 973,007	11,238	10,765	29	99 311	7 144,736	81 058,217	11,345	10,872
30	98 857	6 495,066	72 856,835	11,217	10,744	30	99 285	6 523,184	73 913,481	11,331	10,858
31	98 800	5 928,150	66 361,768	11,194	10,721	31	99 255	5 955,477	67 390,296	11,316	10,842
32	98 732	5 410,109	60 433,618	11,170	10,697	32	99 224	5 437,056	61 434,819	11,299	10,826
33	98 663	4 937,278	55 023,509	11,145	10,671	33	99 189	4 963,625	55 997,763	11,282	10,808
34	98 593	4 505,728	50 086,231	11,116	10,643	34	99 154	4 531,377	51 034,138	11,262	10,789
35	98 513	4 111,506	45 580,503	11,086	10,613	35	99 115	4 136,625	46 502,762	11,242	10,768
36	98 426	3 751,467	41 468,997	11,054	10,581	36	99 075	3 776,219	42 366,137	11,219	10,746
37	98 339	3 422,958	37 717,530	11,019	10,546	37	99 029	3 446,985	38 589,917	11,195	10,722
38	98 246	3 123,060	34 294,572	10,981	10,508	38	98 983	3 146,483	35 142,932	11,169	10,696
39	98 143	2 849,116	31 171,513	10,941	10,467	39	98 925	2 871,817	31 996,449	11,142	10,668
40	98 036	2 599,093	28 322,397	10,897	10,424	40	98 866	2 621,102	29 124,632	11,112	10,638
41	97 913	2 370,618	25 723,304	10,851	10,378	41	98 799	2 392,076	26 503,530	11,080	10,606
42	97 783	2 162,080	23 352,686	10,801	10,328	42	98 724	2 182,878	24 111,454	11,046	10,572
43	97 638	1 971,560	21 190,606	10,748	10,275	43	98 642	1 991,841	21 928,576	11,009	10,536
44	97 478	1 797,563	19 219,046	10,692	10,218	44	98 553	1 817,396	19 936,735	10,970	10,497
45	97 303	1 638,663	17 421,483	10,632	10,158	45	98 453	1 658,030	18 119,339	10,928	10,455
46	97 104	1 493,436	15 782,820	10,568	10,095	46	98 343	1 512,499	16 461,309	10,884	10,410
47	96 892	1 360,889	14 289,384	10,500	10,027	47	98 218	1 379,523	14 948,811	10,836	10,363
48	96 651	1 239,732	12 928,495	10,428	9,955	48	98 078	1 258,033	13 569,287	10,786	10,313
49	96 382	1 129,022	11 688,763	10,353	9,880	49	97 921	1 147,051	12 311,255	10,733	10,260

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	1 027,826	10 559,741	10,274	9,801	50	97 743	1 045,637	11 164,204	10,677	10,204
51	95 740	935,352	9 531,915	10,191	9,717	51	97 551	953,038	10 118,567	10,617	10,144
52	95 371	850,904	8 596,564	10,103	9,630	52	97 335	868,432	9 165,529	10,554	10,081
53	94 949	773,643	7 745,659	10,012	9,539	53	97 096	791,141	8 297,097	10,488	10,014
54	94 475	703,000	6 972,016	9,918	9,444	54	96 831	720,529	7 505,956	10,417	9,944
55	93 949	638,431	6 269,016	9,819	9,346	55	96 539	656,037	6 785,427	10,343	9,870
56	93 371	579,457	5 630,585	9,717	9,244	56	96 220	597,135	6 129,390	10,265	9,791
57	92 733	525,570	5 051,128	9,611	9,137	57	95 871	543,355	5 532,255	10,182	9,708
58	92 034	476,353	4 525,559	9,500	9,027	58	95 489	494,234	4 988,900	10,094	9,621
59	91 257	431,354	4 049,205	9,387	8,914	59	95 067	449,364	4 494,666	10,002	9,529
60	90 413	390,287	3 617,851	9,270	8,796	60	94 608	408,396	4 045,301	9,905	9,432
61	89 505	352,847	3 227,564	9,147	8,674	61	94 098	370,954	3 636,905	9,804	9,331
62	88 522	318,694	2 874,717	9,020	8,547	62	93 572	336,875	3 265,951	9,695	9,222
63	87 448	287,515	2 556,023	8,890	8,417	63	93 003	305,779	2 929,076	9,579	9,106
64	86 305	259,140	2 268,508	8,754	8,281	64	92 391	277,412	2 623,296	9,456	8,983
65	85 073	233,279	2 009,368	8,614	8,140	65	91 717	251,498	2 345,884	9,328	8,854
66	83 766	209,766	1 776,089	8,467	7,994	66	90 983	227,838	2 094,387	9,192	8,719
67	82 397	188,436	1 566,323	8,312	7,839	67	90 188	206,254	1 866,548	9,050	8,576
68	80 917	168,998	1 377,887	8,153	7,680	68	89 314	186,534	1 660,295	8,901	8,427
69	79 404	151,450	1 208,889	7,982	7,509	69	88 401	168,610	1 473,761	8,741	8,267
70	77 765	135,456	1 057,439	7,807	7,333	70	87 414	152,262	1 305,151	8,572	8,098
71	76 023	120,933	921,983	7,624	7,151	71	86 349	137,358	1 152,889	8,393	7,920
72	74 169	107,747	801,051	7,435	6,961	72	85 192	123,761	1 015,531	8,206	7,732
73	72 229	95,826	693,304	7,235	6,762	73	83 965	111,395	891,770	8,005	7,532
74	70 186	85,036	597,478	7,026	6,553	74	82 665	100,156	780,375	7,792	7,318
75	68 016	75,257	512,441	6,809	6,336	75	81 251	89,902	680,219	7,566	7,093
76	65 701	66,389	437,184	6,585	6,112	76	79 701	80,536	590,318	7,330	6,857
77	63 228	58,347	370,795	6,355	5,882	77	77 962	71,944	509,782	7,086	6,613
78	60 619	51,087	312,448	6,116	5,643	78	76 055	64,096	437,838	6,831	6,358
79	57 816	44,497	261,361	5,874	5,400	79	73 918	56,890	373,742	6,570	6,096
80	54 794	38,512	216,863	5,631	5,158	80	71 485	50,244	316,852	6,306	5,833
81	51 583	33,111	178,351	5,387	4,913	81	68 739	44,122	266,608	6,042	5,569
82	48 151	28,226	145,241	5,146	4,672	82	65 710	38,519	222,486	5,776	5,303
83	44 551	23,850	117,014	4,906	4,433	83	62 402	33,406	183,967	5,507	5,034
84	40 773	19,934	93,164	4,674	4,200	84	58 778	28,736	150,560	5,239	4,766
85	36 886	16,469	73,231	4,447	3,973	85	54 827	24,479	121,824	4,977	4,503
86	32 921	13,423	56,762	4,229	3,755	86	50 593	20,629	97,345	4,719	4,246
87	28 969	10,787	43,339	4,018	3,544	87	46 095	17,164	76,717	4,470	3,996
88	25 117	8,541	32,551	3,811	3,338	88	41 430	14,089	59,552	4,227	3,754
89	21 411	6,649	24,010	3,611	3,138	89	36 673	11,389	45,463	3,992	3,519
90	17 933	5,086	17,361	3,413	2,940	90	31 872	9,039	34,074	3,770	3,296
91	14 713	3,811	12,275	3,221	2,748	91	27 157	7,034	25,035	3,559	3,086
92	11 735	2,776	8,464	3,049	2,576	92	22 613	5,349	18,001	3,365	2,892
93	9 104	1,967	5,688	2,892	2,419	93	18 371	3,969	12,652	3,188	2,715
94	6 884	1,358	3,721	2,740	2,267	94	14 528	2,866	8,684	3,030	2,557
95	5 001	0,901	2,363	2,623	2,150	95	11 112	2,002	5,818	2,906	2,433
96	3 571	0,588	1,462	2,489	2,015	96	8 344	1,373	3,816	2,779	2,306
97	2 455	0,369	0,875	2,371	1,898	97	6 096	0,916	2,443	2,667	2,194
98	1 625	0,223	0,506	2,269	1,795	98	4 407	0,605	1,527	2,525	2,052
99	1 037	0,130	0,283	2,176	1,703	99	3 064	0,384	0,922	2,402	1,929
100	638	0,073	0,153	2,093	1,619	100	2 051	0,235	0,538	2,293	1,820

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 118 505,116	11,185	10,711	0	100 000	100 000,000	1 120 261,377	11,203	10,729
1	99 645	90 793,021	1 018 505,116	11,218	10,744	1	99 694	90 837,006	1 020 261,377	11,232	10,758
2	99 618	82 704,591	927 712,095	11,217	10,743	2	99 671	82 748,080	929 424,371	11,232	10,758
3	99 603	75 345,505	845 007,504	11,215	10,741	3	99 659	75 387,905	846 676,292	11,231	10,757
4	99 590	68 643,102	769 661,999	11,213	10,739	4	99 647	68 682,391	771 288,386	11,230	10,756
5	99 578	62 537,714	701 018,896	11,210	10,736	5	99 638	62 575,075	702 605,996	11,228	10,755
6	99 569	56 976,602	638 481,183	11,206	10,732	6	99 630	57 011,738	640 030,920	11,226	10,753
7	99 559	51 909,515	581 504,581	11,202	10,729	7	99 624	51 943,495	583 019,182	11,224	10,750
8	99 550	47 293,981	529 595,065	11,198	10,724	8	99 619	47 326,591	531 075,687	11,222	10,748
9	99 542	43 088,956	482 301,084	11,193	10,719	9	99 613	43 119,509	483 749,096	11,219	10,745
10	99 534	39 257,850	439 212,128	11,188	10,714	10	99 606	39 286,304	440 629,587	11,216	10,742
11	99 526	35 767,500	399 954,278	11,182	10,708	11	99 600	35 794,056	401 343,283	11,213	10,739
12	99 518	32 587,067	364 186,778	11,176	10,702	12	99 593	32 611,745	365 549,227	11,209	10,735
13	99 510	29 689,761	331 599,712	11,169	10,695	13	99 585	29 712,223	332 937,482	11,205	10,732
14	99 500	27 049,587	301 909,950	11,161	10,688	14	99 576	27 070,320	303 225,259	11,201	10,728
15	99 488	24 643,572	274 860,363	11,153	10,680	15	99 566	24 662,851	276 154,939	11,197	10,724
16	99 473	22 450,905	250 216,791	11,145	10,671	16	99 554	22 469,035	251 492,088	11,193	10,719
17	99 448	20 451,137	227 765,886	11,137	10,663	17	99 540	20 470,036	229 023,053	11,188	10,715
18	99 418	18 628,829	207 314,749	11,129	10,655	18	99 525	18 648,783	208 553,017	11,183	10,710
19	99 380	16 967,369	188 685,920	11,121	10,647	19	99 505	16 988,597	189 904,234	11,178	10,705
20	99 339	15 453,562	171 718,551	11,112	10,638	20	99 485	15 476,371	172 915,637	11,173	10,699
21	99 294	14 074,348	156 264,988	11,103	10,629	21	99 467	14 098,866	157 439,266	11,167	10,693
22	99 250	12 818,272	142 190,641	11,093	10,619	22	99 451	12 844,220	143 340,400	11,160	10,686
23	99 205	11 674,251	129 372,369	11,082	10,608	23	99 433	11 701,137	130 496,179	11,152	10,679
24	99 159	10 632,246	117 698,117	11,070	10,596	24	99 412	10 659,315	118 795,043	11,145	10,671
25	99 111	9 683,013	107 065,871	11,057	10,583	25	99 395	9 710,713	108 135,728	11,136	10,662
26	99 064	8 818,546	97 382,858	11,043	10,569	26	99 376	8 846,380	98 425,015	11,126	10,652
27	99 017	8 031,314	88 564,312	11,027	10,554	27	99 357	8 058,915	89 578,635	11,115	10,642
28	98 965	7 313,965	80 532,997	11,011	10,537	28	99 335	7 341,371	81 519,720	11,104	10,630
29	98 914	6 660,772	73 219,033	10,993	10,519	29	99 311	6 687,508	74 178,350	11,092	10,618
30	98 857	6 065,565	66 558,261	10,973	10,499	30	99 285	6 091,824	67 490,842	11,079	10,605
31	98 800	5 523,527	60 492,695	10,952	10,478	31	99 255	5 548,989	61 399,018	11,065	10,591
32	98 732	5 029,362	54 969,168	10,930	10,456	32	99 224	5 054,413	55 850,029	11,050	10,576
33	98 663	4 579,352	49 939,806	10,905	10,432	33	99 189	4 603,789	50 795,616	11,033	10,560
34	98 593	4 169,568	45 360,454	10,879	10,405	34	99 154	4 193,303	46 191,827	11,016	10,542
35	98 513	3 796,091	41 190,886	10,851	10,377	35	99 115	3 819,283	41 998,524	10,996	10,523
36	98 426	3 455,782	37 394,795	10,821	10,347	36	99 075	3 478,584	38 179,241	10,976	10,502
37	98 339	3 145,983	33 939,012	10,788	10,314	37	99 029	3 168,066	34 700,658	10,953	10,480
38	98 246	2 863,813	30 793,030	10,752	10,279	38	98 983	2 885,292	31 532,592	10,929	10,455
39	98 143	2 606,659	27 929,216	10,715	10,241	39	98 925	2 627,428	28 647,299	10,903	10,429
40	98 036	2 372,495	25 322,558	10,673	10,200	40	98 866	2 392,586	26 019,871	10,875	10,402
41	97 913	2 159,010	22 950,062	10,630	10,156	41	98 799	2 178,553	23 627,285	10,845	10,372
42	97 783	1 964,602	20 791,052	10,583	10,109	42	98 724	1 983,500	21 448,732	10,814	10,340
43	97 638	1 787,403	18 826,450	10,533	10,059	43	98 642	1 805,790	19 465,232	10,779	10,306
44	97 478	1 625,946	17 039,047	10,479	10,006	44	98 553	1 643,886	17 659,443	10,743	10,269
45	97 303	1 478,840	15 413,101	10,422	9,949	45	98 453	1 496,318	16 015,557	10,703	10,230
46	97 104	1 344,708	13 934,261	10,362	9,889	46	98 343	1 361,871	14 519,239	10,661	10,188
47	96 892	1 222,569	12 589,554	10,298	9,824	47	98 218	1 239,310	13 157,368	10,617	10,143
48	96 651	1 111,189	11 366,985	10,230	9,756	48	98 078	1 127,593	11 918,058	10,569	10,096
49	96 382	1 009,654	10 255,795	10,158	9,684	49	97 921	1 025,776	10 790,466	10,519	10,046

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 9,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	917,063	9 246,142	10,082	9,609	50	97 743	932,955	9 764,690	10,466	9,993
51	95 740	832,653	8 329,079	10,003	9,529	51	97 551	848,397	8 831,735	10,410	9,936
52	95 371	755,752	7 496,426	9,919	9,445	52	97 335	771,320	7 983,338	10,350	9,877
53	94 949	685,565	6 740,674	9,832	9,359	53	97 096	701,071	7 212,018	10,287	9,813
54	94 475	621,546	6 055,109	9,742	9,268	54	96 831	637,044	6 510,946	10,221	9,747
55	93 949	563,172	5 433,563	9,648	9,174	55	96 539	578,703	5 873,903	10,150	9,676
56	93 371	509,986	4 870,390	9,550	9,076	56	96 220	525,545	5 295,200	10,076	9,602
57	92 733	461,506	4 360,404	9,448	8,975	57	95 871	477,123	4 769,655	9,997	9,523
58	92 034	417,336	3 898,899	9,342	8,869	58	95 489	433,001	4 292,532	9,913	9,440
59	91 257	377,051	3 481,563	9,234	8,760	59	95 067	392,794	3 859,531	9,826	9,352
60	90 413	340,376	3 104,512	9,121	8,647	60	94 608	356,170	3 466,737	9,733	9,260
61	89 505	307,024	2 764,136	9,003	8,529	61	94 098	322,779	3 110,567	9,637	9,163
62	88 522	276,674	2 457,113	8,881	8,407	62	93 572	292,458	2 787,788	9,532	9,059
63	87 448	249,038	2 180,438	8,755	8,282	63	93 003	264,857	2 495,330	9,421	8,948
64	86 305	223,948	1 931,400	8,624	8,151	64	92 391	239,739	2 230,473	9,304	8,830
65	85 073	201,140	1 707,452	8,489	8,015	65	91 717	216,849	1 990,734	9,180	8,707
66	83 766	180,455	1 506,312	8,347	7,874	66	90 983	196,002	1 773,885	9,050	8,577
67	82 397	161,736	1 325,857	8,198	7,724	67	90 188	177,029	1 577,883	8,913	8,439
68	80 917	144,722	1 164,121	8,044	7,570	68	89 314	159,738	1 400,854	8,770	8,296
69	79 404	129,399	1 019,400	7,878	7,404	69	88 401	144,061	1 241,115	8,615	8,142
70	77 765	115,470	890,001	7,708	7,234	70	87 414	129,796	1 097,055	8,452	7,978
71	76 023	102,855	774,531	7,530	7,057	71	86 349	116,824	967,259	8,280	7,806
72	74 169	91,431	671,676	7,346	6,873	72	85 192	105,021	850,434	8,098	7,624
73	72 229	81,130	580,245	7,152	6,678	73	83 965	94,312	745,414	7,904	7,430
74	70 186	71,831	499,114	6,948	6,475	74	82 665	84,603	651,102	7,696	7,222
75	68 016	63,426	427,283	6,737	6,263	75	81 251	75,768	566,499	7,477	7,003
76	65 701	55,825	363,857	6,518	6,044	76	79 701	67,721	490,731	7,246	6,773
77	63 228	48,951	308,032	6,293	5,819	77	77 962	60,358	423,010	7,008	6,535
78	60 619	42,762	259,081	6,059	5,585	78	76 055	53,651	362,652	6,759	6,286
79	57 816	37,161	216,320	5,821	5,347	79	73 918	47,511	309,001	6,504	6,030
80	54 794	32,090	179,158	5,583	5,109	80	71 485	41,865	261,491	6,246	5,772
81	51 583	27,526	147,068	5,343	4,869	81	68 739	36,681	219,626	5,988	5,514
82	48 151	23,412	119,542	5,106	4,632	82	65 710	31,949	182,945	5,726	5,252
83	44 551	19,737	96,130	4,871	4,397	83	62 402	27,645	150,996	5,462	4,988
84	40 773	16,459	76,393	4,642	4,168	84	58 778	23,726	123,350	5,199	4,725
85	36 886	13,567	59,935	4,418	3,944	85	54 827	20,165	99,624	4,940	4,467
86	32 921	11,033	46,368	4,203	3,729	86	50 593	16,955	79,458	4,686	4,213
87	28 969	8,846	35,335	3,994	3,521	87	46 095	14,075	62,503	4,441	3,967
88	25 117	6,988	26,489	3,791	3,317	88	41 430	11,527	48,428	4,201	3,728
89	21 411	5,428	19,501	3,593	3,119	89	36 673	9,297	36,901	3,969	3,495
90	17 933	4,142	14,073	3,397	2,924	90	31 872	7,362	27,604	3,749	3,276
91	14 713	3,097	9,931	3,207	2,733	91	27 157	5,716	20,242	3,541	3,068
92	11 735	2,250	6,834	3,037	2,563	92	22 613	4,336	14,526	3,350	2,876
93	9 104	1,591	4,583	2,881	2,408	93	18 371	3,210	10,190	3,174	2,701
94	6 884	1,096	2,993	2,731	2,257	94	14 528	2,313	6,979	3,017	2,544
95	5 001	0,726	1,897	2,614	2,141	95	11 112	1,612	4,666	2,895	2,421
96	3 571	0,472	1,171	2,481	2,007	96	8 344	1,103	3,054	2,769	2,296
97	2 455	0,296	0,699	2,365	1,891	97	6 096	0,734	1,951	2,658	2,184
98	1 625	0,178	0,403	2,263	1,789	98	4 407	0,484	1,217	2,517	2,044
99	1 037	0,104	0,225	2,170	1,697	99	3 064	0,306	0,734	2,395	1,921
100	638	0,058	0,121	2,088	1,614	100	2 051	0,187	0,427	2,287	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 093 291,649	10,933	10,459	0	100 000	100 000,000	1 094 914,886	10,949	10,475
1	99 645	90 586,673	993 291,649	10,965	10,491	1	99 694	90 630,558	994 914,886	10,978	10,504
2	99 618	82 329,088	902 704,975	10,965	10,491	2	99 671	82 372,379	904 284,327	10,978	10,504
3	99 603	74 832,953	820 375,887	10,963	10,489	3	99 659	74 875,064	821 911,948	10,977	10,503
4	99 590	68 021,198	745 542,934	10,960	10,486	4	99 647	68 060,131	747 036,884	10,976	10,502
5	99 578	61 830,281	677 521,736	10,958	10,484	5	99 638	61 867,220	678 976,753	10,975	10,501
6	99 569	56 204,049	615 691,455	10,955	10,481	6	99 630	56 238,709	617 109,533	10,973	10,499
7	99 559	51 089,292	559 487,406	10,951	10,477	7	99 624	51 122,734	560 870,824	10,971	10,497
8	99 550	46 440,900	508 398,114	10,947	10,473	8	99 619	46 472,922	509 748,090	10,969	10,495
9	99 542	42 215,561	461 957,214	10,943	10,469	9	99 613	42 245,495	463 275,168	10,966	10,492
10	99 534	38 374,696	419 741,654	10,938	10,464	10	99 606	38 402,510	421 029,674	10,964	10,490
11	99 526	34 883,405	381 366,958	10,933	10,459	11	99 600	34 909,304	382 627,163	10,961	10,487
12	99 518	31 709,354	346 483,553	10,927	10,453	12	99 593	31 733,367	347 717,859	10,957	10,483
13	99 510	28 824,427	314 774,199	10,920	10,446	13	99 585	28 846,234	315 984,491	10,954	10,480
14	99 500	26 201,518	285 949,772	10,913	10,439	14	99 576	26 221,601	287 138,258	10,950	10,476
15	99 488	23 816,685	259 748,254	10,906	10,432	15	99 566	23 835,317	260 916,657	10,947	10,473
16	99 473	21 648,278	235 931,569	10,898	10,424	16	99 554	21 665,760	237 081,340	10,943	10,469
17	99 448	19 675,184	214 283,291	10,891	10,417	17	99 540	19 693,366	215 415,580	10,938	10,464
18	99 418	17 881,286	194 608,108	10,883	10,409	18	99 525	17 900,439	195 722,214	10,934	10,460
19	99 380	16 249,483	176 726,822	10,876	10,402	19	99 505	16 269,812	177 821,776	10,930	10,455
20	99 339	14 766,089	160 477,339	10,868	10,394	20	99 485	14 787,883	161 551,963	10,925	10,451
21	99 294	13 417,667	145 711,250	10,860	10,386	21	99 467	13 441,041	146 764,080	10,919	10,445
22	99 250	12 192,424	132 293,583	10,850	10,376	22	99 451	12 217,105	133 323,039	10,913	10,439
23	99 205	11 079,023	120 101,159	10,840	10,366	23	99 433	11 104,537	121 105,934	10,906	10,432
24	99 159	10 067,214	109 022,137	10,829	10,355	24	99 412	10 092,843	110 001,397	10,899	10,425
25	99 111	9 147,588	98 954,923	10,818	10,344	25	99 395	9 173,756	99 908,553	10,891	10,417
26	99 064	8 311,988	89 807,335	10,805	10,330	26	99 376	8 338,223	90 734,797	10,882	10,408
27	99 017	7 552,773	81 495,347	10,790	10,316	27	99 357	7 578,728	82 396,573	10,872	10,398
28	98 965	6 862,534	73 942,574	10,775	10,301	28	99 335	6 888,248	74 817,845	10,862	10,388
29	98 914	6 235,453	67 080,041	10,758	10,284	29	99 311	6 260,482	67 929,597	10,851	10,376
30	98 857	5 665,348	60 844,587	10,740	10,266	30	99 285	5 689,874	61 669,115	10,838	10,364
31	98 800	5 147,349	55 179,239	10,720	10,246	31	99 255	5 171,077	55 979,241	10,825	10,351
32	98 732	4 676,187	50 031,889	10,699	10,225	32	99 224	4 699,479	50 808,163	10,811	10,337
33	98 663	4 248,102	45 355,702	10,677	10,203	33	99 189	4 270,771	46 108,685	10,796	10,322
34	98 593	3 859,168	41 107,600	10,652	10,178	34	99 154	3 881,136	41 837,914	10,780	10,306
35	98 513	3 505,510	37 248,432	10,626	10,152	35	99 115	3 526,926	37 956,777	10,762	10,288
36	98 426	3 183,998	33 742,923	10,598	10,124	36	99 075	3 205,006	34 429,851	10,743	10,268
37	98 339	2 891,975	30 558,925	10,567	10,093	37	99 029	2 912,276	31 224,846	10,722	10,248
38	98 246	2 626,605	27 666,949	10,533	10,059	38	98 983	2 646,305	28 312,570	10,699	10,225
39	98 143	2 385,317	25 040,344	10,498	10,024	39	98 925	2 404,323	25 666,265	10,675	10,201
40	98 036	2 166,103	22 655,028	10,459	9,985	40	98 866	2 184,446	23 261,942	10,649	10,175
41	97 913	1 966,710	20 488,925	10,418	9,944	41	98 799	1 984,512	21 077,497	10,621	10,147
42	97 783	1 785,550	18 522,215	10,373	9,899	42	98 724	1 802,726	19 092,985	10,591	10,117
43	97 638	1 620,809	16 736,665	10,326	9,852	43	98 642	1 637,482	17 290,259	10,559	10,085
44	97 478	1 471,049	15 115,856	10,276	9,802	44	98 553	1 487,280	15 652,777	10,524	10,050
45	97 303	1 334,916	13 644,807	10,221	9,747	45	98 453	1 350,693	14 165,497	10,488	10,014
46	97 104	1 211,079	12 309,890	10,164	9,690	46	98 343	1 226,538	12 814,804	10,448	9,974
47	96 892	1 098,576	11 098,811	10,103	9,629	47	98 218	1 113,619	11 588,266	10,406	9,932
48	96 651	996,223	10 000,235	10,038	9,564	48	98 078	1 010,929	10 474,648	10,361	9,887
49	96 382	903,135	9 004,012	9,970	9,496	49	97 921	917,557	9 463,718	10,314	9,840

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	818,448	8 100,877	9,898	9,424	50	97 743	832,631	8 546,162	10,264	9,790
51	95 740	741,426	7 282,429	9,822	9,348	51	97 551	755,446	7 713,531	10,211	9,737
52	95 371	671,422	6 541,002	9,742	9,268	52	97 335	685,252	6 958,085	10,154	9,680
53	94 949	607,682	5 869,580	9,659	9,185	53	97 096	621,427	6 272,833	10,094	9,620
54	94 475	549,684	5 261,898	9,573	9,099	54	96 831	563,389	5 651,406	10,031	9,557
55	93 949	496,927	4 712,214	9,483	9,009	55	96 539	510,631	5 088,016	9,964	9,490
56	93 371	448,974	4 215,287	9,389	8,915	56	96 220	462,672	4 577,386	9,893	9,419
57	92 733	405,371	3 766,313	9,291	8,817	57	95 871	419,088	4 114,714	9,818	9,344
58	92 034	365,740	3 360,942	9,189	8,715	58	95 489	379,469	3 695,625	9,739	9,265
59	91 257	329,684	2 995,203	9,085	8,611	59	95 067	343,450	3 316,157	9,655	9,181
60	90 413	296,941	2 665,518	8,977	8,503	60	94 608	310,719	2 972,707	9,567	9,093
61	89 505	267,236	2 368,577	8,863	8,389	61	94 098	280,949	2 661,988	9,475	9,001
62	88 522	240,272	2 101,342	8,746	8,272	62	93 572	253,979	2 381,039	9,375	8,901
63	87 448	215,780	1 861,070	8,625	8,151	63	93 003	229,487	2 127,060	9,269	8,795
64	86 305	193,600	1 645,290	8,498	8,024	64	92 391	207,251	1 897,572	9,156	8,682
65	85 073	173,488	1 451,689	8,368	7,894	65	91 717	187,037	1 690,321	9,037	8,563
66	83 766	155,292	1 278,202	8,231	7,757	66	90 983	168,671	1 503,284	8,913	8,438
67	82 397	138,867	1 122,909	8,086	7,612	67	90 188	151,998	1 334,613	8,780	8,306
68	80 917	123,976	984,042	7,937	7,463	68	89 314	136,841	1 182,615	8,642	8,168
69	79 404	110,598	860,066	7,777	7,302	69	88 401	123,130	1 045,775	8,493	8,019
70	77 765	98,469	749,468	7,611	7,137	70	87 414	110,686	922,645	8,336	7,862
71	76 023	87,512	650,999	7,439	6,965	71	86 349	99,397	811,959	8,169	7,695
72	74 169	77,615	563,488	7,260	6,786	72	85 192	89,151	712,562	7,993	7,519
73	72 229	68,714	485,872	7,071	6,597	73	83 965	79,879	623,411	7,804	7,330
74	70 186	60,700	417,158	6,872	6,398	74	82 665	71,493	543,532	7,603	7,129
75	68 016	53,476	356,457	6,666	6,192	75	81 251	63,881	472,039	7,389	6,915
76	65 701	46,960	302,982	6,452	5,978	76	79 701	56,967	408,158	7,165	6,691
77	63 228	41,084	256,022	6,232	5,758	77	77 962	50,658	351,191	6,933	6,459
78	60 619	35,808	214,938	6,003	5,528	78	76 055	44,926	300,534	6,689	6,215
79	57 816	31,047	179,130	5,770	5,295	79	73 918	39,694	255,607	6,439	5,965
80	54 794	26,749	148,083	5,536	5,062	80	71 485	34,898	215,913	6,187	5,713
81	51 583	22,893	121,333	5,300	4,826	81	68 739	30,507	181,015	5,934	5,460
82	48 151	19,427	98,440	5,067	4,593	82	65 710	26,511	150,508	5,677	5,203
83	44 551	16,341	79,013	4,835	4,361	83	62 402	22,888	123,997	5,418	4,944
84	40 773	13,595	62,672	4,610	4,136	84	58 778	19,599	101,109	5,159	4,685
85	36 886	11,181	49,077	4,389	3,915	85	54 827	16,619	81,510	4,905	4,430
86	32 921	9,072	37,896	4,177	3,703	86	50 593	13,942	64,891	4,654	4,180
87	28 969	7,257	28,824	3,972	3,498	87	46 095	11,548	50,949	4,412	3,938
88	25 117	5,720	21,567	3,770	3,296	88	41 430	9,435	39,402	4,176	3,702
89	21 411	4,433	15,846	3,575	3,101	89	36 673	7,593	29,966	3,947	3,473
90	17 933	3,375	11,414	3,381	2,907	90	31 872	5,999	22,373	3,730	3,256
91	14 713	2,518	8,038	3,193	2,719	91	27 157	4,647	16,375	3,524	3,050
92	11 735	1,825	5,521	3,024	2,550	92	22 613	3,517	11,728	3,334	2,860
93	9 104	1,287	3,695	2,870	2,396	93	18 371	2,598	8,210	3,160	2,686
94	6 884	0,885	2,408	2,721	2,247	94	14 528	1,868	5,613	3,005	2,531
95	5 001	0,584	1,523	2,606	2,132	95	11 112	1,299	3,745	2,884	2,410
96	3 571	0,379	0,938	2,474	1,999	96	8 344	0,887	2,446	2,759	2,285
97	2 455	0,237	0,559	2,358	1,884	97	6 096	0,589	1,560	2,649	2,175
98	1 625	0,143	0,322	2,257	1,783	98	4 407	0,387	0,971	2,509	2,035
99	1 037	0,083	0,179	2,165	1,691	99	3 064	0,245	0,584	2,388	1,914
100	638	0,046	0,096	2,083	1,609	100	2 051	0,149	0,339	2,281	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 069 280,334	10,693	10,218	0	100 000	100 000,000	1 070 785,450	10,708	10,233
1	99 645	90 381,261	969 280,334	10,724	10,250	1	99 694	90 425,047	970 785,450	10,736	10,261
2	99 618	81 956,137	878 899,072	10,724	10,250	2	99 671	81 999,232	880 360,403	10,736	10,262
3	99 603	74 325,038	796 942,935	10,722	10,248	3	99 659	74 366,864	798 361,171	10,735	10,261
4	99 590	67 406,321	722 617,896	10,720	10,246	4	99 647	67 444,902	723 994,307	10,735	10,260
5	99 578	61 132,429	655 211,575	10,718	10,243	5	99 638	61 168,951	656 549,405	10,733	10,259
6	99 569	55 443,690	594 079,146	10,715	10,241	6	99 630	55 477,881	595 380,454	10,732	10,257
7	99 559	50 283,846	538 635,456	10,712	10,237	7	99 624	50 316,761	539 902,573	10,730	10,256
8	99 550	45 605,091	488 351,610	10,708	10,234	8	99 619	45 636,536	489 585,811	10,728	10,254
9	99 542	41 361,792	442 746,519	10,704	10,230	9	99 613	41 391,121	443 949,275	10,726	10,251
10	99 534	37 513,348	401 384,727	10,700	10,225	10	99 606	37 540,537	402 558,155	10,723	10,249
11	99 526	34 023,095	363 871,380	10,695	10,220	11	99 600	34 048,356	365 017,617	10,721	10,246
12	99 518	30 857,195	329 848,284	10,690	10,215	12	99 593	30 880,563	330 969,261	10,718	10,243
13	99 510	27 986,192	298 991,090	10,684	10,209	13	99 585	28 007,365	300 088,698	10,715	10,240
14	99 500	25 381,874	271 004,898	10,677	10,203	14	99 576	25 401,328	272 081,333	10,711	10,237
15	99 488	23 019,327	245 623,024	10,670	10,196	15	99 566	23 037,335	246 680,006	10,708	10,233
16	99 473	20 876,070	222 603,697	10,663	10,189	16	99 554	20 892,928	223 642,670	10,704	10,230
17	99 448	18 930,334	201 727,627	10,656	10,182	17	99 540	18 947,828	202 749,742	10,700	10,226
18	99 418	17 165,336	182 797,294	10,649	10,175	18	99 525	17 183,722	183 801,914	10,696	10,222
19	99 380	15 563,497	165 631,957	10,642	10,168	19	99 505	15 582,968	166 618,192	10,692	10,218
20	99 339	14 110,657	150 068,460	10,635	10,161	20	99 485	14 131,483	151 035,224	10,688	10,213
21	99 294	12 793,012	135 957,803	10,628	10,153	21	99 467	12 815,299	136 903,740	10,683	10,208
22	99 250	11 598,450	123 164,791	10,619	10,145	22	99 451	11 621,929	124 088,442	10,677	10,203
23	99 205	10 515,392	111 566,340	10,610	10,135	23	99 433	10 539,608	112 466,512	10,671	10,196
24	99 159	9 533,390	101 050,949	10,600	10,125	24	99 412	9 557,661	101 926,904	10,664	10,190
25	99 111	8 642,886	91 517,559	10,589	10,114	25	99 395	8 667,610	92 369,243	10,657	10,182
26	99 064	7 835,581	82 874,673	10,577	10,102	26	99 376	7 860,312	83 701,633	10,649	10,174
27	99 017	7 103,735	75 039,092	10,563	10,089	27	99 357	7 128,148	75 841,320	10,640	10,165
28	98 965	6 439,897	67 935,357	10,549	10,075	28	99 335	6 464,028	68 713,173	10,630	10,156
29	98 914	5 838,168	61 495,460	10,533	10,059	29	99 311	5 861,602	62 249,145	10,620	10,145
30	98 857	5 292,358	55 657,292	10,517	10,042	30	99 285	5 315,270	56 387,543	10,609	10,134
31	98 800	4 797,559	50 364,934	10,498	10,024	31	99 255	4 819,675	51 072,274	10,597	10,122
32	98 732	4 348,532	45 567,375	10,479	10,004	32	99 224	4 370,192	46 252,599	10,584	10,109
33	98 663	3 941,484	41 218,843	10,458	9,983	33	99 189	3 962,517	41 882,408	10,570	10,095
34	98 593	3 572,504	37 277,359	10,435	9,960	34	99 154	3 592,840	37 919,891	10,554	10,080
35	98 513	3 237,757	33 704,855	10,410	9,936	35	99 115	3 257,537	34 327,051	10,538	10,063
36	98 426	2 934,134	30 467,099	10,384	9,909	36	99 075	2 953,493	31 069,514	10,520	10,045
37	98 339	2 658,984	27 532,965	10,355	9,880	37	99 029	2 677,649	28 116,021	10,500	10,026
38	98 246	2 409,517	24 873,980	10,323	9,849	38	98 983	2 427,589	25 438,371	10,479	10,004
39	98 143	2 183,210	22 464,463	10,290	9,815	39	98 925	2 200,605	23 010,782	10,457	9,982
40	98 036	1 978,074	20 281,253	10,253	9,779	40	98 866	1 994,825	20 810,177	10,432	9,958
41	97 913	1 791,917	18 303,179	10,214	9,740	41	98 799	1 808,137	18 815,352	10,406	9,932
42	97 783	1 623,169	16 511,262	10,172	9,698	42	98 724	1 638,782	17 007,215	10,378	9,904
43	97 638	1 470,068	14 888,093	10,127	9,653	43	98 642	1 485,190	15 368,433	10,348	9,873
44	97 478	1 331,212	13 418,025	10,080	9,605	44	98 553	1 345,899	13 883,242	10,315	9,841
45	97 303	1 205,280	12 086,813	10,028	9,554	45	98 453	1 219,525	12 537,343	10,281	9,806
46	97 104	1 090,990	10 881,533	9,974	9,500	46	98 343	1 104,915	11 317,818	10,243	9,769
47	96 892	987,398	9 790,544	9,916	9,441	47	98 218	1 000,918	10 212,903	10,204	9,729
48	96 651	893,373	8 803,146	9,854	9,379	48	98 078	906,561	9 211,985	10,161	9,687
49	96 382	808,059	7 909,773	9,789	9,314	49	97 921	820,962	8 305,424	10,117	9,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	730,627	7 101,714	9,720	9,246	50	97 743	743,288	7 484,462	10,069	9,595
51	95 740	660,369	6 371,088	9,648	9,173	51	97 551	672,855	6 741,174	10,019	9,544
52	95 371	596,661	5 710,719	9,571	9,097	52	97 335	608,952	6 068,319	9,965	9,491
53	94 949	538,794	5 114,057	9,492	9,017	53	97 096	550,981	5 459,367	9,908	9,434
54	94 475	486,266	4 575,263	9,409	8,935	54	96 831	498,390	4 908,386	9,848	9,374
55	93 949	438,599	4 088,997	9,323	8,848	55	96 539	450,694	4 409,996	9,785	9,310
56	93 371	395,376	3 650,399	9,233	8,758	56	96 220	407,438	3 959,302	9,718	9,243
57	92 733	356,168	3 255,023	9,139	8,665	57	95 871	368,221	3 551,864	9,646	9,172
58	92 034	320,619	2 898,854	9,041	8,567	58	95 489	332,654	3 183,642	9,570	9,096
59	91 257	288,356	2 578,235	8,941	8,467	59	95 067	300,396	2 850,988	9,491	9,016
60	90 413	259,128	2 289,879	8,837	8,362	60	94 608	271,152	2 550,592	9,406	8,932
61	89 505	232,677	2 030,750	8,728	8,253	61	94 098	244,617	2 279,440	9,318	8,844
62	88 522	208,726	1 798,073	8,615	8,140	62	93 572	220,634	2 034,823	9,223	8,748
63	87 448	187,025	1 589,347	8,498	8,024	63	93 003	198,905	1 814,189	9,121	8,646
64	86 305	167,420	1 402,323	8,376	7,902	64	92 391	179,225	1 615,284	9,013	8,538
65	85 073	149,687	1 234,903	8,250	7,775	65	91 717	161,378	1 436,059	8,899	8,424
66	83 766	133,684	1 085,216	8,118	7,643	66	90 983	145,201	1 274,682	8,779	8,304
67	82 397	119,273	951,531	7,978	7,503	67	90 188	130,552	1 129,480	8,652	8,177
68	80 917	106,242	832,258	7,834	7,359	68	89 314	117,266	998,929	8,518	8,044
69	79 404	94,562	726,016	7,678	7,203	69	88 401	105,277	881,662	8,375	7,900
70	77 765	84,001	631,453	7,517	7,043	70	87 414	94,423	776,385	8,222	7,748
71	76 023	74,484	547,452	7,350	6,875	71	86 349	84,601	681,962	8,061	7,587
72	74 169	65,912	472,968	7,176	6,701	72	85 192	75,708	597,361	7,890	7,416
73	72 229	58,221	407,056	6,992	6,517	73	83 965	67,680	521,654	7,708	7,233
74	70 186	51,314	348,836	6,798	6,324	74	82 665	60,437	453,974	7,511	7,037
75	68 016	45,104	297,522	6,596	6,122	75	81 251	53,880	393,536	7,304	6,829
76	65 701	39,518	252,418	6,387	5,913	76	79 701	47,939	339,656	7,085	6,611
77	63 228	34,495	212,900	6,172	5,697	77	77 962	42,533	291,717	6,859	6,384
78	60 619	29,997	178,405	5,947	5,473	78	76 055	37,636	249,183	6,621	6,147
79	57 816	25,950	148,408	5,719	5,245	79	73 918	33,177	211,548	6,376	5,902
80	54 794	22,307	122,458	5,490	5,015	80	71 485	29,102	178,370	6,129	5,655
81	51 583	19,048	100,151	5,258	4,783	81	68 739	25,383	149,268	5,881	5,406
82	48 151	16,127	81,103	5,029	4,554	82	65 710	22,008	123,886	5,629	5,155
83	44 551	13,534	64,976	4,801	4,326	83	62 402	18,957	101,877	5,374	4,900
84	40 773	11,235	51,441	4,579	4,104	84	58 778	16,196	82,920	5,120	4,645
85	36 886	9,219	40,206	4,361	3,887	85	54 827	13,703	66,724	4,869	4,395
86	32 921	7,463	30,987	4,152	3,678	86	50 593	11,469	53,021	4,623	4,149
87	28 969	5,957	23,524	3,949	3,475	87	46 095	9,478	41,552	4,384	3,910
88	25 117	4,684	17,568	3,750	3,276	88	41 430	7,727	32,074	4,151	3,677
89	21 411	3,622	12,883	3,557	3,083	89	36 673	6,204	24,347	3,925	3,450
90	17 933	2,752	9,261	3,366	2,891	90	31 872	4,890	18,143	3,710	3,236
91	14 713	2,048	6,510	3,179	2,705	91	27 157	3,779	13,253	3,507	3,032
92	11 735	1,481	4,462	3,012	2,538	92	22 613	2,854	9,474	3,319	2,844
93	9 104	1,042	2,981	2,860	2,385	93	18 371	2,103	6,619	3,147	2,672
94	6 884	0,715	1,938	2,711	2,237	94	14 528	1,509	4,516	2,993	2,519
95	5 001	0,471	1,224	2,597	2,123	95	11 112	1,047	3,007	2,873	2,398
96	3 571	0,305	0,752	2,466	1,992	96	8 344	0,713	1,960	2,750	2,275
97	2 455	0,190	0,447	2,351	1,877	97	6 096	0,472	1,247	2,640	2,166
98	1 625	0,114	0,257	2,251	1,776	98	4 407	0,310	0,775	2,502	2,027
99	1 037	0,066	0,143	2,160	1,685	99	3 064	0,195	0,465	2,381	1,907
100	638	0,037	0,077	2,078	1,604	100	2 051	0,119	0,270	2,275	1,800

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 046 388,936	10,464	9,989	0	100 000	100 000,000	1 047 788,873	10,478	10,003
1	99 645	90 176,779	946 388,936	10,495	10,020	1	99 694	90 220,465	947 788,873	10,505	10,030
2	99 618	81 585,715	856 212,157	10,495	10,020	2	99 671	81 628,615	857 568,408	10,506	10,031
3	99 603	73 821,710	774 626,443	10,493	10,018	3	99 659	73 863,253	775 939,793	10,505	10,030
4	99 590	66 798,376	700 804,732	10,491	10,017	4	99 647	66 836,609	702 076,540	10,504	10,030
5	99 578	60 444,008	634 006,356	10,489	10,014	5	99 638	60 480,119	635 239,932	10,503	10,028
6	99 569	54 695,305	573 562,348	10,487	10,012	6	99 630	54 729,035	574 759,813	10,502	10,027
7	99 559	49 492,880	518 867,043	10,484	10,009	7	99 624	49 525,278	520 030,778	10,500	10,026
8	99 550	44 786,166	469 374,163	10,480	10,006	8	99 619	44 817,047	470 505,500	10,498	10,024
9	99 542	40 527,165	424 587,997	10,477	10,002	9	99 613	40 555,902	425 688,454	10,496	10,022
10	99 534	36 673,218	384 060,832	10,473	9,998	10	99 606	36 699,799	385 132,551	10,494	10,019
11	99 526	33 185,880	347 387,613	10,468	9,993	11	99 600	33 210,520	348 432,752	10,492	10,017
12	99 518	30 029,789	314 201,733	10,463	9,988	12	99 593	30 052,530	315 222,233	10,489	10,014
13	99 510	27 174,150	284 171,944	10,457	9,983	13	99 585	27 194,708	285 169,702	10,486	10,011
14	99 500	24 589,639	256 997,794	10,451	9,977	14	99 576	24 608,486	257 974,994	10,483	10,008
15	99 488	22 250,380	232 408,155	10,445	9,970	15	99 566	22 267,786	233 366,507	10,480	10,005
16	99 473	20 133,064	210 157,775	10,438	9,964	16	99 554	20 149,322	211 098,721	10,477	10,002
17	99 448	18 215,274	190 024,712	10,432	9,957	17	99 540	18 232,107	190 949,399	10,473	9,998
18	99 418	16 479,578	171 809,437	10,426	9,951	18	99 525	16 497,229	172 717,292	10,469	9,995
19	99 380	14 907,928	155 329,860	10,419	9,944	19	99 505	14 926,579	156 220,063	10,466	9,991
20	99 339	13 485,704	140 421,932	10,413	9,938	20	99 485	13 505,609	141 293,484	10,462	9,987
21	99 294	12 198,756	126 936,228	10,406	9,931	21	99 467	12 220,007	127 787,875	10,457	9,982
22	99 250	11 034,661	114 737,472	10,398	9,923	22	99 451	11 056,999	115 567,869	10,452	9,977
23	99 205	9 981,615	103 702,811	10,389	9,915	23	99 433	10 004,602	104 510,869	10,446	9,971
24	99 159	9 028,988	93 721,196	10,380	9,905	24	99 412	9 051,974	94 506,267	10,440	9,966
25	99 111	8 167,080	84 692,208	10,370	9,895	25	99 395	8 190,443	85 454,293	10,433	9,959
26	99 064	7 387,466	76 525,129	10,359	9,884	26	99 376	7 410,783	77 263,850	10,426	9,951
27	99 017	6 682,322	69 137,662	10,346	9,872	27	99 357	6 705,286	69 853,067	10,418	9,943
28	98 965	6 044,159	62 455,340	10,333	9,858	28	99 335	6 066,807	63 147,780	10,409	9,934
29	98 914	5 467,010	56 411,181	10,318	9,844	29	99 311	5 488,954	57 080,973	10,399	9,924
30	98 857	4 944,687	50 944,172	10,303	9,828	30	99 285	4 966,094	51 592,020	10,389	9,914
31	98 800	4 472,252	45 999,484	10,286	9,811	31	99 255	4 492,868	46 625,926	10,378	9,903
32	98 732	4 044,501	41 527,232	10,268	9,793	32	99 224	4 064,646	42 133,058	10,366	9,891
33	98 663	3 657,618	37 482,731	10,248	9,773	33	99 189	3 677,136	38 068,412	10,353	9,878
34	98 593	3 307,711	33 825,114	10,226	9,751	34	99 154	3 326,540	34 391,276	10,338	9,864
35	98 513	2 990,993	30 517,403	10,203	9,728	35	99 115	3 009,266	31 064,736	10,323	9,848
36	98 426	2 704,378	27 526,409	10,178	9,704	36	99 075	2 722,222	28 055,470	10,306	9,831
37	98 339	2 445,230	24 822,031	10,151	9,676	37	99 029	2 462,394	25 333,249	10,288	9,813
38	98 246	2 210,804	22 376,802	10,122	9,647	38	98 983	2 227,385	22 870,855	10,268	9,793
39	98 143	1 998,628	20 165,998	10,090	9,615	39	98 925	2 014,553	20 643,469	10,247	9,772
40	98 036	1 806,739	18 167,370	10,055	9,581	40	98 866	1 822,039	18 628,917	10,224	9,749
41	97 913	1 633,003	16 360,631	10,019	9,544	41	98 799	1 647,785	16 806,878	10,200	9,725
42	97 783	1 475,873	14 727,628	9,979	9,504	42	98 724	1 490,070	15 159,093	10,173	9,699
43	97 638	1 333,642	13 251,754	9,937	9,462	43	98 642	1 347,361	13 669,023	10,145	9,670
44	97 478	1 204,939	11 918,112	9,891	9,416	44	98 553	1 218,234	12 321,662	10,114	9,640
45	97 303	1 088,485	10 713,173	9,842	9,367	45	98 453	1 101,349	11 103,429	10,082	9,607
46	97 104	983,040	9 624,688	9,791	9,316	46	98 343	995,588	10 002,079	10,046	9,572
47	96 892	887,686	8 641,648	9,735	9,260	47	98 218	899,841	9 006,491	10,009	9,534
48	96 651	801,339	7 753,962	9,676	9,201	48	98 078	813,168	8 106,651	9,969	9,494
49	96 382	723,174	6 952,624	9,614	9,139	49	97 921	734,722	7 293,483	9,927	9,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	652,396	6 229,450	9,549	9,074	50	97 743	663,702	6 558,761	9,882	9,407
51	95 740	588,327	5 577,053	9,480	9,005	51	97 551	599,452	5 895,059	9,834	9,359
52	95 371	530,367	4 988,726	9,406	8,931	52	97 335	541,292	5 295,608	9,783	9,308
53	94 949	477,846	4 458,359	9,330	8,855	53	97 096	488,654	4 754,316	9,729	9,255
54	94 475	430,284	3 980,513	9,251	8,776	54	96 831	441,012	4 265,662	9,672	9,198
55	93 949	387,226	3 550,229	9,168	8,694	55	96 539	397,905	3 824,649	9,612	9,137
56	93 371	348,277	3 163,003	9,082	8,607	56	96 220	358,902	3 426,744	9,548	9,073
57	92 733	313,030	2 814,726	8,992	8,517	57	95 871	323,623	3 067,842	9,480	9,005
58	92 034	281,149	2 501,697	8,898	8,423	58	95 489	291,702	2 744,220	9,408	8,933
59	91 257	252,286	2 220,548	8,802	8,327	59	95 067	262,819	2 452,518	9,332	8,857
60	90 413	226,201	1 968,262	8,701	8,227	60	94 608	236,697	2 189,698	9,251	8,776
61	89 505	202,651	1 742,062	8,596	8,122	61	94 098	213,050	1 953,002	9,167	8,692
62	88 522	181,380	1 539,410	8,487	8,012	62	93 572	191,727	1 739,951	9,075	8,600
63	87 448	162,154	1 358,031	8,375	7,900	63	93 003	172,454	1 548,224	8,978	8,503
64	86 305	144,828	1 195,877	8,257	7,782	64	92 391	155,040	1 375,770	8,874	8,399
65	85 073	129,195	1 051,049	8,135	7,661	65	91 717	139,285	1 220,730	8,764	8,289
66	83 766	115,122	921,855	8,008	7,533	66	90 983	125,040	1 081,445	8,649	8,174
67	82 397	102,480	806,733	7,872	7,397	67	90 188	112,170	956,405	8,526	8,052
68	80 917	91,077	704,253	7,733	7,258	68	89 314	100,527	844,236	8,398	7,923
69	79 404	80,881	613,177	7,581	7,106	69	88 401	90,045	743,709	8,259	7,784
70	77 765	71,685	532,296	7,426	6,951	70	87 414	80,579	653,664	8,112	7,637
71	76 023	63,420	460,611	7,263	6,788	71	86 349	72,033	573,085	7,956	7,481
72	74 169	55,994	397,192	7,094	6,619	72	85 192	64,316	501,052	7,791	7,316
73	72 229	49,348	341,198	6,914	6,439	73	83 965	57,366	436,736	7,613	7,138
74	70 186	43,395	291,850	6,725	6,251	74	82 665	51,111	379,371	7,423	6,948
75	68 016	38,057	248,455	6,528	6,054	75	81 251	45,463	328,260	7,220	6,746
76	65 701	33,269	210,398	6,324	5,849	76	79 701	40,358	282,797	7,007	6,532
77	63 228	28,974	177,129	6,113	5,639	77	77 962	35,726	242,439	6,786	6,311
78	60 619	25,139	148,155	5,893	5,419	78	76 055	31,541	206,713	6,554	6,079
79	57 816	21,698	123,016	5,669	5,195	79	73 918	27,742	175,172	6,314	5,840
80	54 794	18,610	101,317	5,444	4,969	80	71 485	24,279	147,430	6,072	5,598
81	51 583	15,855	82,707	5,216	4,742	81	68 739	21,128	123,151	5,829	5,354
82	48 151	13,394	66,852	4,991	4,516	82	65 710	18,278	102,023	5,582	5,107
83	44 551	11,215	53,458	4,767	4,292	83	62 402	15,708	83,746	5,331	4,856
84	40 773	9,288	42,244	4,548	4,073	84	58 778	13,390	68,037	5,081	4,606
85	36 886	7,605	32,955	4,334	3,859	85	54 827	11,303	54,647	4,835	4,360
86	32 921	6,142	25,351	4,127	3,653	86	50 593	9,439	43,344	4,592	4,117
87	28 969	4,891	19,209	3,927	3,452	87	46 095	7,783	33,905	4,356	3,882
88	25 117	3,838	14,317	3,731	3,256	88	41 430	6,331	26,122	4,126	3,652
89	21 411	2,961	10,479	3,539	3,065	89	36 673	5,071	19,792	3,903	3,428
90	17 933	2,244	7,519	3,350	2,876	90	31 872	3,988	14,720	3,691	3,216
91	14 713	1,666	5,275	3,166	2,691	91	27 157	3,075	10,732	3,490	3,015
92	11 735	1,203	3,608	3,000	2,525	92	22 613	2,318	7,656	3,304	2,829
93	9 104	0,844	2,406	2,849	2,374	93	18 371	1,704	5,339	3,133	2,659
94	6 884	0,578	1,561	2,702	2,227	94	14 528	1,219	3,635	2,981	2,506
95	5 001	0,380	0,983	2,589	2,114	95	11 112	0,844	2,416	2,862	2,387
96	3 571	0,245	0,604	2,459	1,984	96	8 344	0,574	1,572	2,740	2,265
97	2 455	0,153	0,358	2,345	1,870	97	6 096	0,379	0,998	2,632	2,157
98	1 625	0,091	0,205	2,245	1,770	98	4 407	0,248	0,619	2,494	2,019
99	1 037	0,053	0,114	2,155	1,680	99	3 064	0,156	0,371	2,374	1,900
100	638	0,029	0,061	2,074	1,599	100	2 051	0,095	0,215	2,269	1,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 024 542,351	10,245	9,770	0	100 000	100 000,000	1 025 848,370	10,258	9,783
1	99 645	89 973,220	924 542,351	10,276	9,801	1	99 694	90 016,807	925 848,370	10,285	9,810
2	99 618	81 217,797	834 569,132	10,276	9,801	2	99 671	81 260,504	835 831,563	10,286	9,811
3	99 603	73 322,917	753 351,334	10,274	9,799	3	99 659	73 364,178	754 571,059	10,285	9,810
4	99 590	66 197,270	680 028,418	10,273	9,798	4	99 647	66 235,158	681 206,881	10,285	9,810
5	99 578	59 764,869	613 831,148	10,271	9,796	5	99 638	59 800,574	614 971,722	10,284	9,809
6	99 569	53 958,679	554 066,279	10,268	9,793	6	99 630	53 991,954	555 171,148	10,282	9,807
7	99 559	48 716,102	500 107,600	10,266	9,791	7	99 624	48 747,991	501 179,194	10,281	9,806
8	99 550	43 983,747	451 391,498	10,263	9,788	8	99 619	44 014,075	452 431,203	10,279	9,804
9	99 542	39 711,209	407 407,751	10,259	9,784	9	99 613	39 739,368	408 417,128	10,277	9,802
10	99 534	35 853,739	367 696,541	10,255	9,780	10	99 606	35 879,726	368 677,760	10,275	9,800
11	99 526	32 371,090	331 842,802	10,251	9,776	11	99 600	32 395,124	332 798,035	10,273	9,798
12	99 518	29 226,365	299 471,712	10,247	9,771	12	99 593	29 248,498	300 402,910	10,271	9,796
13	99 510	26 387,426	270 245,348	10,241	9,766	13	99 585	26 407,389	271 154,413	10,268	9,793
14	99 500	23 823,840	243 857,922	10,236	9,761	14	99 576	23 842,100	244 747,023	10,265	9,790
15	99 488	21 508,770	220 034,082	10,230	9,755	15	99 566	21 525,596	220 904,923	10,262	9,787
16	99 473	19 418,092	198 525,312	10,224	9,749	16	99 554	19 433,773	199 379,327	10,259	9,784
17	99 448	17 528,750	179 107,220	10,218	9,743	17	99 540	17 544,949	179 945,554	10,256	9,781
18	99 418	15 822,673	161 578,470	10,212	9,737	18	99 525	15 839,621	162 400,605	10,253	9,778
19	99 380	14 281,361	145 755,797	10,206	9,731	19	99 505	14 299,228	146 560,985	10,250	9,774
20	99 339	12 889,750	131 474,436	10,200	9,725	20	99 485	12 908,775	132 261,757	10,246	9,771
21	99 294	11 633,354	118 584,686	10,194	9,718	21	99 467	11 653,620	119 352,982	10,242	9,767
22	99 250	10 499,460	106 951,332	10,186	9,711	22	99 451	10 520,714	107 699,362	10,237	9,762
23	99 205	9 476,049	96 451,872	10,178	9,703	23	99 433	9 497,872	97 178,648	10,232	9,756
24	99 159	8 552,323	86 975,823	10,170	9,695	24	99 412	8 574,096	87 680,775	10,226	9,751
25	99 111	7 718,455	78 423,500	10,161	9,685	25	99 395	7 740,535	79 106,679	10,220	9,745
26	99 064	6 965,906	70 705,045	10,150	9,675	26	99 376	6 987,893	71 366,145	10,213	9,738
27	99 017	6 286,777	63 739,139	10,139	9,663	27	99 357	6 308,382	64 378,252	10,205	9,730
28	98 965	5 673,553	57 452,362	10,126	9,651	28	99 335	5 694,812	58 069,870	10,197	9,722
29	98 914	5 120,208	51 778,809	10,113	9,637	29	99 311	5 140,760	52 375,058	10,188	9,713
30	98 857	4 620,565	46 658,601	10,098	9,623	30	99 285	4 640,569	47 234,298	10,179	9,703
31	98 800	4 169,664	42 038,036	10,082	9,607	31	99 255	4 188,885	42 593,729	10,168	9,693
32	98 732	3 762,342	37 868,372	10,065	9,590	32	99 224	3 781,082	38 404,844	10,157	9,682
33	98 663	3 394,769	34 106,029	10,047	9,571	33	99 189	3 412,885	34 623,762	10,145	9,670
34	98 593	3 063,078	30 711,260	10,026	9,551	34	99 154	3 080,514	31 210,877	10,132	9,657
35	98 513	2 763,532	27 648,182	10,005	9,529	35	99 115	2 780,415	28 130,363	10,117	9,642
36	98 426	2 493,073	24 884,651	9,982	9,506	36	99 075	2 509,522	25 349,948	10,102	9,626
37	98 339	2 249,084	22 391,578	9,956	9,481	37	99 029	2 264,872	22 840,426	10,085	9,609
38	98 246	2 028,873	20 142,493	9,928	9,453	38	98 983	2 044,090	20 575,554	10,066	9,591
39	98 143	1 830,017	18 113,620	9,898	9,423	39	98 925	1 844,598	18 531,464	10,046	9,571
40	98 036	1 650,582	16 283,603	9,865	9,390	40	98 866	1 664,559	16 686,866	10,025	9,550
41	97 913	1 488,495	14 633,021	9,831	9,356	41	98 799	1 501,968	15 022,306	10,002	9,527
42	97 783	1 342,233	13 144,527	9,793	9,318	42	98 724	1 355,144	13 520,338	9,977	9,502
43	97 638	1 210,143	11 802,294	9,753	9,278	43	98 642	1 222,591	12 165,194	9,950	9,475
44	97 478	1 090,890	10 592,151	9,710	9,234	44	98 553	1 102,926	10 942,603	9,921	9,446
45	97 303	983,234	9 501,261	9,663	9,188	45	98 453	994,854	9 839,676	9,891	9,415
46	97 104	885,981	8 518,027	9,614	9,139	46	98 343	897,290	8 844,822	9,857	9,382
47	96 892	798,235	7 632,046	9,561	9,086	47	98 218	809,165	7 947,532	9,822	9,347
48	96 651	718,962	6 833,811	9,505	9,030	48	98 078	729,576	7 138,367	9,784	9,309
49	96 382	647,368	6 114,849	9,446	8,971	49	97 921	657,705	6 408,791	9,744	9,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 10,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	582,692	5 467,480	9,383	8,908	50	97 743	592,789	5 751,086	9,702	9,227
51	95 740	524,282	4 884,789	9,317	8,842	51	97 551	534,195	5 158,297	9,656	9,181
52	95 371	471,564	4 360,507	9,247	8,772	52	97 335	481,278	4 624,102	9,608	9,133
53	94 949	423,907	3 888,943	9,174	8,699	53	97 096	433,495	4 142,824	9,557	9,082
54	94 475	380,852	3 465,036	9,098	8,623	54	96 831	390,348	3 709,329	9,503	9,027
55	93 949	341,968	3 084,184	9,019	8,544	55	96 539	351,398	3 318,981	9,445	8,970
56	93 371	306,876	2 742,216	8,936	8,461	56	96 220	316,238	2 967,583	9,384	8,909
57	92 733	275,196	2 435,341	8,849	8,374	57	95 871	284,509	2 651,345	9,319	8,844
58	92 034	246,610	2 160,144	8,759	8,284	58	95 489	255,867	2 366,836	9,250	8,775
59	91 257	220,794	1 913,534	8,667	8,191	59	95 067	230,012	2 110,969	9,178	8,702
60	90 413	197,518	1 692,740	8,570	8,095	60	94 608	206,683	1 880,956	9,101	8,626
61	89 505	176,555	1 495,222	8,469	7,994	61	94 098	185,615	1 674,273	9,020	8,545
62	88 522	157,666	1 318,667	8,364	7,889	62	93 572	166,661	1 488,658	8,932	8,457
63	87 448	140,636	1 161,001	8,255	7,780	63	93 003	149,569	1 321,997	8,839	8,364
64	86 305	125,325	1 020,366	8,142	7,667	64	92 391	134,162	1 172,428	8,739	8,264
65	85 073	111,545	895,040	8,024	7,549	65	91 717	120,257	1 038,266	8,634	8,159
66	83 766	99,170	783,495	7,901	7,425	66	90 983	107,714	918,009	8,523	8,047
67	82 397	88,080	684,325	7,769	7,294	67	90 188	96,409	810,295	8,405	7,930
68	80 917	78,103	596,245	7,634	7,159	68	89 314	86,207	713,886	8,281	7,806
69	79 404	69,203	518,142	7,487	7,012	69	88 401	77,044	627,679	8,147	7,672
70	77 765	61,196	448,939	7,336	6,861	70	87 414	68,789	550,635	8,005	7,530
71	76 023	54,018	387,742	7,178	6,703	71	86 349	61,355	481,846	7,853	7,378
72	74 169	47,585	333,724	7,013	6,538	72	85 192	54,658	420,491	7,693	7,218
73	72 229	41,843	286,139	6,838	6,363	73	83 965	48,641	365,833	7,521	7,046
74	70 186	36,712	244,296	6,654	6,179	74	82 665	43,240	317,192	7,336	6,860
75	68 016	32,124	207,584	6,462	5,987	75	81 251	38,375	273,952	7,139	6,664
76	65 701	28,019	175,460	6,262	5,787	76	79 701	33,989	235,577	6,931	6,456
77	63 228	24,347	147,441	6,056	5,581	77	77 962	30,020	201,588	6,715	6,240
78	60 619	21,077	123,094	5,840	5,365	78	76 055	26,443	171,568	6,488	6,013
79	57 816	18,151	102,018	5,621	5,145	79	73 918	23,206	145,124	6,254	5,779
80	54 794	15,532	83,867	5,400	4,924	80	71 485	20,263	121,919	6,017	5,542
81	51 583	13,203	68,335	5,176	4,701	81	68 739	17,594	101,655	5,778	5,303
82	48 151	11,128	55,132	4,954	4,479	82	65 710	15,186	84,061	5,535	5,060
83	44 551	9,297	44,004	4,733	4,258	83	62 402	13,022	68,875	5,289	4,814
84	40 773	7,682	34,707	4,518	4,043	84	58 778	11,075	55,853	5,043	4,568
85	36 886	6,276	27,025	4,306	3,831	85	54 827	9,328	44,779	4,801	4,325
86	32 921	5,057	20,749	4,103	3,628	86	50 593	7,772	35,451	4,561	4,086
87	28 969	4,018	15,692	3,905	3,430	87	46 095	6,394	27,679	4,329	3,854
88	25 117	3,146	11,674	3,711	3,236	88	41 430	5,189	21,285	4,102	3,627
89	21 411	2,421	8,528	3,522	3,047	89	36 673	4,147	16,097	3,881	3,406
90	17 933	1,831	6,107	3,335	2,860	90	31 872	3,254	11,949	3,672	3,197
91	14 713	1,357	4,276	3,152	2,677	91	27 157	2,504	8,695	3,473	2,997
92	11 735	0,977	2,919	2,988	2,513	92	22 613	1,882	6,191	3,289	2,814
93	9 104	0,684	1,942	2,839	2,363	93	18 371	1,381	4,309	3,120	2,645
94	6 884	0,467	1,258	2,693	2,218	94	14 528	0,986	2,928	2,969	2,494
95	5 001	0,306	0,791	2,580	2,105	95	11 112	0,681	1,942	2,851	2,376
96	3 571	0,198	0,484	2,451	1,976	96	8 344	0,462	1,261	2,730	2,255
97	2 455	0,123	0,287	2,338	1,863	97	6 096	0,305	0,799	2,623	2,148
98	1 625	0,073	0,164	2,239	1,764	98	4 407	0,199	0,494	2,486	2,011
99	1 037	0,042	0,091	2,149	1,674	99	3 064	0,125	0,296	2,368	1,893
100	638	0,023	0,049	2,069	1,594	100	2 051	0,075	0,171	2,263	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	1 003 671,872	10,037	9,561	0	100 000	100 000,000	1 004 893,797	10,049	9,573
1	99 645	89 770,577	903 671,872	10,066	9,591	1	99 694	89 814,067	904 893,797	10,075	9,600
2	99 618	80 852,364	813 901,295	10,067	9,591	2	99 671	80 894,878	815 079,730	10,076	9,600
3	99 603	72 828,606	733 048,932	10,065	9,590	3	99 659	72 869,590	734 184,852	10,075	9,600
4	99 590	65 602,910	660 220,325	10,064	9,588	4	99 647	65 640,458	661 315,262	10,075	9,599
5	99 578	59 094,866	594 617,415	10,062	9,587	5	99 638	59 130,171	595 674,804	10,074	9,598
6	99 569	53 233,601	535 522,549	10,060	9,584	6	99 630	53 266,429	536 544,633	10,073	9,597
7	99 559	47 953,226	482 288,949	10,057	9,582	7	99 624	47 984,615	483 278,204	10,072	9,596
8	99 550	43 197,467	434 335,723	10,055	9,579	8	99 619	43 227,252	435 293,589	10,070	9,594
9	99 542	38 913,466	391 138,256	10,051	9,576	9	99 613	38 941,059	392 066,337	10,068	9,593
10	99 534	35 054,358	352 224,790	10,048	9,572	10	99 606	35 079,765	353 125,278	10,066	9,591
11	99 526	31 578,074	317 170,432	10,044	9,568	11	99 600	31 601,519	318 045,513	10,064	9,589
12	99 518	28 446,175	285 592,359	10,040	9,564	12	99 593	28 467,717	286 443,993	10,062	9,587
13	99 510	25 625,176	257 146,184	10,035	9,559	13	99 585	25 644,563	257 976,277	10,060	9,584
14	99 500	23 083,537	231 521,008	10,030	9,554	14	99 576	23 101,229	232 331,714	10,057	9,582
15	99 488	20 793,467	208 437,471	10,024	9,549	15	99 566	20 809,734	209 230,485	10,054	9,579
16	99 473	18 730,038	187 644,004	10,018	9,543	16	99 554	18 745,163	188 420,750	10,052	9,576
17	99 448	16 869,562	168 913,966	10,013	9,537	17	99 540	16 885,151	169 675,587	10,049	9,573
18	99 418	15 193,347	152 044,404	10,007	9,532	18	99 525	15 209,621	152 790,436	10,046	9,570
19	99 380	13 682,453	136 851,057	10,002	9,526	19	99 505	13 699,571	137 580,815	10,043	9,567
20	99 339	12 321,387	123 168,604	9,996	9,521	20	99 485	12 339,573	123 881,244	10,039	9,564
21	99 294	11 095,346	110 847,217	9,990	9,515	21	99 467	11 114,674	111 541,671	10,036	9,560
22	99 250	9 991,337	99 751,871	9,984	9,508	22	99 451	10 011,562	100 426,997	10,031	9,556
23	99 205	8 997,144	89 760,535	9,977	9,501	23	99 433	9 017,865	90 415,435	10,026	9,551
24	99 159	8 101,813	80 763,390	9,969	9,493	24	99 412	8 122,440	81 397,570	10,021	9,546
25	99 111	7 295,403	72 661,577	9,960	9,484	25	99 395	7 316,272	73 275,130	10,015	9,540
26	99 064	6 569,273	65 366,174	9,950	9,475	26	99 376	6 590,007	65 958,858	10,009	9,533
27	99 017	5 915,459	58 796,902	9,940	9,464	27	99 357	5 935,788	59 368,851	10,002	9,526
28	98 965	5 326,430	52 881,442	9,928	9,453	28	99 335	5 346,389	53 433,062	9,994	9,519
29	98 914	4 796,114	47 555,012	9,915	9,440	29	99 311	4 815,365	48 086,673	9,986	9,511
30	98 857	4 318,350	42 758,897	9,902	9,426	30	99 285	4 337,044	43 271,308	9,977	9,502
31	98 800	3 888,164	38 440,548	9,887	9,411	31	99 255	3 906,087	38 934,263	9,968	9,492
32	98 732	3 500,439	34 552,384	9,871	9,395	32	99 224	3 517,874	35 028,176	9,957	9,482
33	98 663	3 151,340	31 051,945	9,854	9,378	33	99 189	3 168,156	31 510,302	9,946	9,470
34	98 593	2 837,029	27 900,606	9,834	9,359	34	99 154	2 853,178	28 342,146	9,934	9,458
35	98 513	2 553,824	25 063,577	9,814	9,339	35	99 115	2 569,426	25 488,968	9,920	9,445
36	98 426	2 298,699	22 509,753	9,792	9,317	36	99 075	2 313,866	22 919,542	9,905	9,430
37	98 339	2 069,063	20 211,054	9,768	9,293	37	99 029	2 083,587	20 605,676	9,890	9,414
38	98 246	1 862,274	18 141,991	9,742	9,266	38	98 983	1 876,241	18 522,089	9,872	9,396
39	98 143	1 675,964	16 279,717	9,714	9,238	39	98 925	1 689,318	16 645,847	9,854	9,378
40	98 036	1 508,229	14 603,753	9,683	9,207	40	98 866	1 521,001	14 956,530	9,833	9,358
41	97 913	1 357,058	13 095,524	9,650	9,174	41	98 799	1 369,341	13 435,529	9,812	9,336
42	97 783	1 220,955	11 738,466	9,614	9,139	42	98 724	1 232,700	12 066,187	9,788	9,313
43	97 638	1 098,321	10 517,511	9,576	9,100	43	98 642	1 109,619	10 833,488	9,763	9,288
44	97 478	987,858	9 419,190	9,535	9,059	44	98 553	998,757	9 723,869	9,736	9,260
45	97 303	888,364	8 431,333	9,491	9,015	45	98 453	898,863	8 725,112	9,707	9,231
46	97 104	798,692	7 542,969	9,444	8,969	46	98 343	808,886	7 826,249	9,675	9,200
47	96 892	717,970	6 744,277	9,394	8,918	47	98 218	727,801	7 017,363	9,642	9,166
48	96 651	645,212	6 026,307	9,340	8,865	48	98 078	654,737	6 289,562	9,606	9,131
49	96 382	579,653	5 381,095	9,283	8,808	49	97 921	588,909	5 634,825	9,568	9,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	520,567	4 801,442	9,223	8,748	50	97 743	529,588	5 045,916	9,528	9,052
51	95 740	467,329	4 280,875	9,160	8,685	51	97 551	476,166	4 516,328	9,485	9,009
52	95 371	419,392	3 813,546	9,093	8,617	52	97 335	428,031	4 040,162	9,439	8,963
53	94 949	376,159	3 394,154	9,023	8,548	53	97 096	384,667	3 612,131	9,390	8,915
54	94 475	337,192	3 017,995	8,950	8,475	54	96 831	345,599	3 227,464	9,339	8,863
55	93 949	302,083	2 680,803	8,874	8,399	55	96 539	310,414	2 881,865	9,284	8,808
56	93 371	270,474	2 378,720	8,795	8,319	56	96 220	278,725	2 571,451	9,226	8,750
57	92 733	242,006	2 108,247	8,712	8,236	57	95 871	250,195	2 292,726	9,164	8,688
58	92 034	216,379	1 866,241	8,625	8,149	58	95 489	224,501	2 042,531	9,098	8,623
59	91 257	193,291	1 649,862	8,536	8,060	59	95 067	201,361	1 818,030	9,029	8,553
60	90 413	172,525	1 456,571	8,443	7,967	60	94 608	180,530	1 616,668	8,955	8,480
61	89 505	153,867	1 284,046	8,345	7,870	61	94 098	161,763	1 436,138	8,878	8,402
62	88 522	137,096	1 130,179	8,244	7,768	62	93 572	144,917	1 274,375	8,794	8,318
63	87 448	122,012	993,083	8,139	7,664	63	93 003	129,763	1 129,457	8,704	8,228
64	86 305	108,484	871,071	8,029	7,554	64	92 391	116,134	999,695	8,608	8,133
65	85 073	96,338	762,586	7,916	7,440	65	91 717	103,862	883,561	8,507	8,031
66	83 766	85,458	666,248	7,796	7,321	66	90 983	92,820	779,699	8,400	7,925
67	82 397	75,730	580,790	7,669	7,194	67	90 188	82,891	686,879	8,287	7,811
68	80 917	67,001	505,060	7,538	7,063	68	89 314	73,953	603,987	8,167	7,692
69	79 404	59,232	438,059	7,396	6,920	69	88 401	65,944	530,035	8,038	7,562
70	77 765	52,261	378,827	7,249	6,773	70	87 414	58,745	464,091	7,900	7,425
71	76 023	46,027	326,566	7,095	6,620	71	86 349	52,279	405,346	7,754	7,278
72	74 169	40,455	280,539	6,935	6,459	72	85 192	46,467	353,068	7,598	7,123
73	72 229	35,493	240,084	6,764	6,289	73	83 965	41,259	306,600	7,431	6,956
74	70 186	31,070	204,592	6,585	6,109	74	82 665	36,595	265,341	7,251	6,775
75	68 016	27,126	173,521	6,397	5,921	75	81 251	32,404	228,746	7,059	6,584
76	65 701	23,606	146,395	6,202	5,726	76	79 701	28,636	196,342	6,856	6,381
77	63 228	20,466	122,789	6,000	5,524	77	77 962	25,235	167,706	6,646	6,170
78	60 619	17,677	102,323	5,788	5,313	78	76 055	22,179	142,470	6,424	5,948
79	57 816	15,189	84,646	5,573	5,097	79	73 918	19,419	120,291	6,194	5,719
80	54 794	12,969	69,457	5,356	4,880	80	71 485	16,919	100,872	5,962	5,487
81	51 583	10,999	56,488	5,136	4,660	81	68 739	14,657	83,953	5,728	5,252
82	48 151	9,250	45,489	4,918	4,442	82	65 710	12,623	69,296	5,490	5,014
83	44 551	7,710	36,239	4,700	4,225	83	62 402	10,799	56,674	5,248	4,772
84	40 773	6,357	28,530	4,488	4,012	84	58 778	9,164	45,874	5,006	4,530
85	36 886	5,181	22,173	4,280	3,804	85	54 827	7,701	36,710	4,767	4,292
86	32 921	4,166	16,992	4,079	3,603	86	50 593	6,402	29,010	4,531	4,056
87	28 969	3,302	12,826	3,884	3,408	87	46 095	5,255	22,608	4,302	3,827
88	25 117	2,580	9,523	3,692	3,216	88	41 430	4,255	17,353	4,078	3,603
89	21 411	1,981	6,944	3,505	3,030	89	36 673	3,393	13,098	3,860	3,385
90	17 933	1,495	4,963	3,320	2,844	90	31 872	2,657	9,705	3,653	3,177
91	14 713	1,105	3,468	3,139	2,663	91	27 157	2,039	7,048	3,456	2,980
92	11 735	0,794	2,363	2,977	2,501	92	22 613	1,530	5,009	3,274	2,798
93	9 104	0,555	1,569	2,828	2,353	93	18 371	1,120	3,479	3,107	2,631
94	6 884	0,378	1,014	2,684	2,208	94	14 528	0,798	2,359	2,957	2,482
95	5 001	0,247	0,636	2,572	2,097	95	11 112	0,550	1,561	2,841	2,365
96	3 571	0,159	0,389	2,444	1,969	96	8 344	0,372	1,012	2,721	2,245
97	2 455	0,099	0,230	2,332	1,856	97	6 096	0,245	0,640	2,615	2,139
98	1 625	0,059	0,131	2,233	1,758	98	4 407	0,159	0,395	2,479	2,003
99	1 037	0,034	0,072	2,144	1,669	99	3 064	0,100	0,236	2,361	1,886
100	638	0,019	0,039	2,064	1,589	100	2 051	0,060	0,136	2,257	1,781

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	983 714,545	9,837	9,361	0	100 000	100 000,000	984 860,963	9,849	9,373
1	99 645	89 568,846	883 714,545	9,866	9,390	1	99 694	89 612,237	884 860,963	9,874	9,398
2	99 618	80 489,390	794 145,699	9,866	9,391	2	99 671	80 531,714	795 248,726	9,875	9,399
3	99 603	72 338,730	713 656,309	9,865	9,390	3	99 659	72 379,438	714 717,012	9,875	9,399
4	99 590	65 015,205	641 317,579	9,864	9,388	4	99 647	65 052,417	642 337,574	9,874	9,398
5	99 578	58 433,856	576 302,374	9,862	9,387	5	99 638	58 468,766	577 285,157	9,873	9,397
6	99 569	52 519,865	517 868,518	9,860	9,385	6	99 630	52 552,253	518 816,391	9,872	9,396
7	99 559	47 203,971	465 348,653	9,858	9,382	7	99 624	47 234,871	466 264,138	9,871	9,395
8	99 550	42 426,964	418 144,681	9,856	9,380	8	99 619	42 456,218	419 029,267	9,870	9,394
9	99 542	38 133,490	375 717,718	9,853	9,377	9	99 613	38 160,529	376 573,050	9,868	9,392
10	99 534	34 274,538	337 584,228	9,849	9,374	10	99 606	34 299,380	338 412,520	9,866	9,391
11	99 526	30 806,204	303 309,690	9,846	9,370	11	99 600	30 829,076	304 113,140	9,864	9,389
12	99 518	27 688,497	272 503,487	9,842	9,366	12	99 593	27 709,465	273 284,064	9,862	9,387
13	99 510	24 886,586	244 814,990	9,837	9,361	13	99 585	24 905,414	245 574,598	9,860	9,384
14	99 500	22 367,826	219 928,403	9,832	9,356	14	99 576	22 384,970	220 669,184	9,858	9,382
15	99 488	20 103,483	197 560,577	9,827	9,351	15	99 566	20 119,210	198 284,214	9,855	9,380
16	99 473	18 067,830	177 457,095	9,822	9,346	16	99 554	18 082,421	178 165,004	9,853	9,377
17	99 448	16 236,563	159 389,265	9,817	9,341	17	99 540	16 251,568	160 082,584	9,850	9,374
18	99 418	14 590,384	143 152,701	9,811	9,336	18	99 525	14 606,012	143 831,016	9,847	9,371
19	99 380	13 109,925	128 562,317	9,806	9,331	19	99 505	13 126,326	129 225,004	9,845	9,369
20	99 339	11 779,281	115 452,393	9,801	9,325	20	99 485	11 796,667	116 098,678	9,842	9,366
21	99 294	10 583,345	103 673,112	9,796	9,320	21	99 467	10 601,782	104 302,011	9,838	9,362
22	99 250	9 508,865	93 089,766	9,790	9,314	22	99 451	9 528,114	93 700,229	9,834	9,358
23	99 205	8 543,440	83 580,901	9,783	9,307	23	99 433	8 563,115	84 172,114	9,830	9,354
24	99 159	7 675,970	75 037,461	9,776	9,300	24	99 412	7 695,512	75 608,999	9,825	9,349
25	99 111	6 896,413	67 361,492	9,768	9,292	25	99 395	6 916,141	67 913,488	9,820	9,344
26	99 064	6 196,040	60 465,079	9,759	9,283	26	99 376	6 215,597	60 997,347	9,814	9,338
27	99 017	5 566,835	54 269,039	9,749	9,273	27	99 357	5 585,966	54 781,750	9,807	9,331
28	98 965	5 001,256	48 702,203	9,738	9,262	28	99 335	5 019,996	49 195,784	9,800	9,324
29	98 914	4 493,196	43 700,947	9,726	9,250	29	99 311	4 511,231	44 175,787	9,792	9,316
30	98 857	4 036,515	39 207,751	9,713	9,237	30	99 285	4 053,990	39 664,556	9,784	9,308
31	98 800	3 626,238	35 171,236	9,699	9,223	31	99 255	3 642,954	35 610,566	9,775	9,299
32	98 732	3 257,296	31 544,998	9,684	9,209	32	99 224	3 273,520	31 967,613	9,766	9,290
33	98 663	2 925,855	28 287,702	9,668	9,192	33	99 189	2 941,469	28 694,093	9,755	9,279
34	98 593	2 628,115	25 361,847	9,650	9,174	34	99 154	2 643,075	25 752,624	9,743	9,268
35	98 513	2 360,448	22 733,732	9,631	9,155	35	99 115	2 374,869	23 109,549	9,731	9,255
36	98 426	2 119,868	20 373,284	9,611	9,135	36	99 075	2 133,854	20 734,680	9,717	9,241
37	98 339	1 903,808	18 253,417	9,588	9,112	37	99 029	1 917,172	18 600,825	9,702	9,226
38	98 246	1 709,685	16 349,608	9,563	9,087	38	98 983	1 722,508	16 683,653	9,686	9,210
39	98 143	1 535,182	14 639,924	9,536	9,060	39	98 925	1 547,415	14 961,146	9,668	9,193
40	98 036	1 378,433	13 104,741	9,507	9,031	40	98 866	1 390,106	13 413,731	9,649	9,174
41	97 913	1 237,484	11 726,308	9,476	9,000	41	98 799	1 248,685	12 023,625	9,629	9,153
42	97 783	1 110,872	10 488,824	9,442	8,966	42	98 724	1 121,558	10 774,940	9,607	9,131
43	97 638	997,049	9 377,952	9,406	8,930	43	98 642	1 007,305	9 653,382	9,583	9,107
44	97 478	894,756	8 380,903	9,367	8,891	44	98 553	904,628	8 646,077	9,558	9,082
45	97 303	802,831	7 486,147	9,325	8,849	45	98 453	812,319	7 741,449	9,530	9,054
46	97 104	720,170	6 683,317	9,280	8,804	46	98 343	729,363	6 929,130	9,500	9,024
47	96 892	645,930	5 963,146	9,232	8,756	47	98 218	654,774	6 199,767	9,469	8,993
48	96 651	579,168	5 317,216	9,181	8,705	48	98 078	587,718	5 544,993	9,435	8,959
49	96 382	519,151	4 738,048	9,127	8,651	49	97 921	527,440	4 957,275	9,399	8,923

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,25 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	465,184	4 218,898	9,069	8,593	50	97 743	473,245	4 429,835	9,361	8,885
51	95 740	416,672	3 753,714	9,009	8,533	51	97 551	424,550	3 956,590	9,319	8,844
52	95 371	373,090	3 337,042	8,944	8,468	52	97 335	380,775	3 532,039	9,276	8,800
53	94 949	333,878	2 963,952	8,877	8,401	53	97 096	341,430	3 151,264	9,230	8,754
54	94 475	298,619	2 630,074	8,807	8,332	54	96 831	306,064	2 809,834	9,181	8,705
55	93 949	266,925	2 331,456	8,734	8,259	55	96 539	274,286	2 503,770	9,128	8,652
56	93 371	238,457	2 064,531	8,658	8,182	56	96 220	245,732	2 229,484	9,073	8,597
57	92 733	212,880	1 826,073	8,578	8,102	57	95 871	220,084	1 983,752	9,014	8,538
58	92 034	189,910	1 613,194	8,495	8,019	58	95 489	197,038	1 763,668	8,951	8,475
59	91 257	169,264	1 423,284	8,409	7,933	59	95 067	176,332	1 566,630	8,885	8,409
60	90 413	150,740	1 254,020	8,319	7,843	60	94 608	157,735	1 390,298	8,814	8,338
61	89 505	134,136	1 103,279	8,225	7,749	61	94 098	141,020	1 232,563	8,740	8,264
62	88 522	119,247	969,143	8,127	7,651	62	93 572	126,050	1 091,543	8,660	8,184
63	87 448	105,889	849,895	8,026	7,550	63	93 003	112,615	965,493	8,573	8,097
64	86 305	93,937	744,007	7,920	7,444	64	92 391	100,560	852,878	8,481	8,005
65	85 073	83,232	650,070	7,810	7,334	65	91 717	89,733	752,318	8,384	7,908
66	83 766	73,666	566,838	7,695	7,219	66	90 983	80,012	662,585	8,281	7,805
67	82 397	65,134	493,172	7,572	7,096	67	90 188	71,293	582,572	8,172	7,696
68	80 917	57,496	428,038	7,445	6,969	68	89 314	63,462	511,280	8,056	7,581
69	79 404	50,716	370,541	7,306	6,830	69	88 401	56,462	447,817	7,931	7,455
70	77 765	44,646	319,826	7,164	6,688	70	87 414	50,185	391,355	7,798	7,322
71	76 023	39,232	275,179	7,014	6,538	71	86 349	44,561	341,170	7,656	7,180
72	74 169	34,405	235,947	6,858	6,382	72	85 192	39,518	296,609	7,506	7,030
73	72 229	30,117	201,542	6,692	6,216	73	83 965	35,010	257,090	7,343	6,867
74	70 186	26,306	171,425	6,517	6,041	74	82 665	30,983	222,080	7,168	6,692
75	68 016	22,914	145,120	6,333	5,857	75	81 251	27,373	191,097	6,981	6,505
76	65 701	19,896	122,205	6,142	5,666	76	79 701	24,136	163,724	6,783	6,308
77	63 228	17,211	102,309	5,944	5,469	77	77 962	21,222	139,588	6,578	6,102
78	60 619	14,832	85,098	5,737	5,261	78	76 055	18,609	118,367	6,361	5,885
79	57 816	12,716	70,266	5,526	5,050	79	73 918	16,257	99,758	6,136	5,660
80	54 794	10,832	57,550	5,313	4,837	80	71 485	14,132	83,500	5,908	5,433
81	51 583	9,167	46,717	5,096	4,621	81	68 739	12,215	69,368	5,679	5,203
82	48 151	7,691	37,551	4,882	4,406	82	65 710	10,496	57,153	5,445	4,969
83	44 551	6,397	29,859	4,668	4,192	83	62 402	8,960	46,657	5,207	4,731
84	40 773	5,262	23,463	4,459	3,983	84	58 778	7,586	37,697	4,969	4,493
85	36 886	4,279	18,200	4,253	3,777	85	54 827	6,360	30,111	4,734	4,258
86	32 921	3,433	13,921	4,055	3,579	86	50 593	5,276	23,750	4,502	4,026
87	28 969	2,715	10,488	3,862	3,387	87	46 095	4,321	18,474	4,276	3,800
88	25 117	2,116	7,773	3,673	3,197	88	41 430	3,491	14,154	4,055	3,579
89	21 411	1,622	5,657	3,488	3,012	89	36 673	2,777	10,663	3,839	3,363
90	17 933	1,221	4,035	3,305	2,829	90	31 872	2,170	7,886	3,634	3,158
91	14 713	0,900	2,814	3,126	2,650	91	27 157	1,662	5,716	3,440	2,964
92	11 735	0,645	1,914	2,965	2,489	92	22 613	1,244	4,054	3,259	2,784
93	9 104	0,450	1,268	2,818	2,342	93	18 371	0,908	2,810	3,094	2,618
94	6 884	0,306	0,818	2,674	2,199	94	14 528	0,646	1,902	2,946	2,470
95	5 001	0,200	0,512	2,564	2,088	95	11 112	0,444	1,256	2,830	2,354
96	3 571	0,128	0,312	2,437	1,961	96	8 344	0,300	0,812	2,711	2,235
97	2 455	0,079	0,184	2,325	1,850	97	6 096	0,197	0,513	2,606	2,130
98	1 625	0,047	0,105	2,228	1,752	98	4 407	0,128	0,316	2,471	1,996
99	1 037	0,027	0,058	2,139	1,663	99	3 064	0,080	0,188	2,354	1,879
100	638	0,015	0,031	2,060	1,584	100	2 051	0,048	0,108	2,251	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	964 612,595	9,646	9,170	0	100 000	100 000,000	965 691,032	9,657	9,181
1	99 645	89 368,019	864 612,595	9,675	9,198	1	99 694	89 411,313	865 691,032	9,682	9,206
2	99 618	80 128,856	775 244,576	9,675	9,199	2	99 671	80 170,990	776 279,719	9,683	9,207
3	99 603	71 853,236	695 115,720	9,674	9,198	3	99 659	71 893,671	696 108,729	9,682	9,206
4	99 590	64 434,068	623 262,484	9,673	9,197	4	99 647	64 470,947	624 215,057	9,682	9,206
5	99 578	57 781,699	558 828,416	9,671	9,195	5	99 638	57 816,219	559 744,110	9,681	9,205
6	99 569	51 817,268	501 046,717	9,669	9,193	6	99 630	51 849,223	501 927,891	9,681	9,204
7	99 559	46 468,067	449 229,449	9,667	9,191	7	99 624	46 498,484	450 078,668	9,679	9,203
8	99 550	41 671,887	402 761,382	9,665	9,189	8	99 619	41 700,621	403 580,184	9,678	9,202
9	99 542	37 370,845	361 089,495	9,662	9,186	9	99 613	37 397,344	361 879,563	9,677	9,200
10	99 534	33 513,758	323 718,650	9,659	9,183	10	99 606	33 538,049	324 482,219	9,675	9,199
11	99 526	30 054,870	290 204,892	9,656	9,180	11	99 600	30 077,185	290 944,170	9,673	9,197
12	99 518	26 952,634	260 150,021	9,652	9,176	12	99 593	26 973,045	260 866,985	9,671	9,195
13	99 510	24 170,871	233 197,388	9,648	9,172	13	99 585	24 189,158	233 893,940	9,669	9,193
14	99 500	21 675,839	209 026,516	9,643	9,167	14	99 576	21 692,452	209 704,783	9,667	9,191
15	99 488	19 437,866	187 350,678	9,638	9,162	15	99 566	19 453,073	188 012,330	9,665	9,189
16	99 473	17 430,443	167 912,812	9,633	9,157	16	99 554	17 444,519	168 559,258	9,663	9,186
17	99 448	15 628,658	150 482,368	9,629	9,152	17	99 540	15 643,101	151 114,739	9,660	9,184
18	99 418	14 012,624	134 853,710	9,624	9,147	18	99 525	14 027,633	135 471,637	9,657	9,181
19	99 380	12 562,558	120 841,086	9,619	9,143	19	99 505	12 578,275	121 444,005	9,655	9,179
20	99 339	11 262,164	108 278,528	9,614	9,138	20	99 485	11 278,786	108 865,730	9,652	9,176
21	99 294	10 096,042	97 016,364	9,609	9,133	21	99 467	10 113,630	97 586,943	9,649	9,173
22	99 250	9 050,697	86 920,322	9,604	9,127	22	99 451	9 069,019	87 473,313	9,645	9,169
23	99 205	8 113,556	77 869,624	9,597	9,121	23	99 433	8 132,242	78 404,294	9,641	9,165
24	99 159	7 273,391	69 756,068	9,591	9,114	24	99 412	7 291,908	70 272,053	9,637	9,161
25	99 111	6 520,067	62 482,677	9,583	9,107	25	99 395	6 538,719	62 980,145	9,632	9,156
26	99 064	5 844,780	55 962,610	9,575	9,099	26	99 376	5 863,228	56 441,426	9,626	9,150
27	99 017	5 239,472	50 117,830	9,565	9,089	27	99 357	5 257,477	50 578,198	9,620	9,144
28	98 965	4 696,598	44 878,359	9,556	9,079	28	99 335	4 714,196	45 320,721	9,614	9,137
29	98 914	4 210,026	40 181,761	9,544	9,068	29	99 311	4 226,924	40 606,524	9,607	9,130
30	98 857	3 773,646	35 971,735	9,532	9,056	30	99 285	3 789,983	36 379,600	9,599	9,123
31	98 800	3 382,486	32 198,089	9,519	9,043	31	99 255	3 398,078	32 589,617	9,591	9,114
32	98 732	3 031,532	28 815,603	9,505	9,029	32	99 224	3 046,631	29 191,539	9,582	9,105
33	98 663	2 716,958	25 784,072	9,490	9,014	33	99 189	2 731,456	26 144,908	9,572	9,096
34	98 593	2 435,003	23 067,114	9,473	8,997	34	99 154	2 448,864	23 413,452	9,561	9,085
35	98 513	2 182,101	20 632,111	9,455	8,979	35	99 115	2 195,432	20 964,587	9,549	9,073
36	98 426	1 955,304	18 450,010	9,436	8,960	36	99 075	1 968,205	18 769,156	9,536	9,060
37	98 339	1 752,080	16 494,707	9,414	8,938	37	99 029	1 764,378	16 800,951	9,522	9,046
38	98 246	1 569,899	14 742,627	9,391	8,915	38	98 983	1 581,674	15 036,573	9,507	9,030
39	98 143	1 406,504	13 172,728	9,366	8,889	39	98 925	1 417,711	13 454,899	9,491	9,014
40	98 036	1 260,062	11 766,224	9,338	8,862	40	98 866	1 270,732	12 037,188	9,473	8,996
41	97 913	1 128,680	10 506,162	9,308	8,832	41	98 799	1 138,897	10 766,456	9,453	8,977
42	97 783	1 010,928	9 377,482	9,276	8,800	42	98 724	1 020,653	9 627,559	9,433	8,956
43	97 638	905,311	8 366,554	9,242	8,765	43	98 642	914,624	8 606,907	9,410	8,934
44	97 478	810,609	7 461,242	9,204	8,728	44	98 553	819,552	7 692,283	9,386	8,910
45	97 303	725,698	6 650,634	9,164	8,688	45	98 453	734,275	6 872,730	9,360	8,884
46	97 104	649,520	5 924,936	9,122	8,646	46	98 343	657,810	6 138,455	9,332	8,855
47	96 892	581,256	5 275,416	9,076	8,600	47	98 218	589,215	5 480,645	9,302	8,825
48	96 651	520,010	4 694,160	9,027	8,551	48	98 078	527,687	4 891,430	9,270	8,793
49	96 382	465,078	4 174,150	8,975	8,499	49	97 921	472,504	4 363,744	9,235	8,759

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,5 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	415,798	3 709,072	8,920	8,444	50	97 743	423,003	3 891,239	9,199	8,723
51	95 740	371,601	3 293,274	8,862	8,386	51	97 551	378,627	3 468,236	9,160	8,684
52	95 371	331,988	2 921,673	8,801	8,324	52	97 335	338,826	3 089,609	9,119	8,642
53	94 949	296,429	2 589,686	8,736	8,260	53	97 096	303,134	2 750,783	9,074	8,598
54	94 475	264,530	2 293,257	8,669	8,193	54	96 831	271,126	2 447,649	9,028	8,551
55	93 949	235,924	2 028,727	8,599	8,123	55	96 539	242,430	2 176,523	8,978	8,502
56	93 371	210,290	1 792,802	8,525	8,049	56	96 220	216,706	1 934,093	8,925	8,449
57	92 733	187,313	1 582,512	8,448	7,972	57	95 871	193,652	1 717,387	8,868	8,392
58	92 034	166,727	1 395,199	8,368	7,892	58	95 489	172,985	1 523,735	8,808	8,332
59	91 257	148,269	1 228,472	8,285	7,809	59	95 067	154,459	1 350,750	8,745	8,269
60	90 413	131,746	1 080,203	8,199	7,723	60	94 608	137,860	1 196,290	8,678	8,201
61	89 505	116,972	948,457	8,108	7,632	61	94 098	122,974	1 058,431	8,607	8,131
62	88 522	103,755	831,485	8,014	7,538	62	93 572	109,674	935,456	8,529	8,053
63	87 448	91,925	727,730	7,917	7,440	63	93 003	97,764	825,782	8,447	7,970
64	86 305	81,367	635,805	7,814	7,338	64	92 391	87,104	728,018	8,358	7,882
65	85 073	71,933	554,439	7,708	7,231	65	91 717	77,551	640,914	8,264	7,788
66	83 766	63,522	482,506	7,596	7,120	66	90 983	68,995	563,364	8,165	7,689
67	82 397	56,039	418,984	7,477	7,000	67	90 188	61,338	494,369	8,060	7,583
68	80 917	49,357	362,944	7,353	6,877	68	89 314	54,479	433,030	7,949	7,472
69	79 404	43,439	313,587	7,219	6,743	69	88 401	48,361	378,552	7,828	7,351
70	77 765	38,155	270,148	7,080	6,604	70	87 414	42,888	330,191	7,699	7,223
71	76 023	33,453	231,994	6,935	6,459	71	86 349	37,996	287,303	7,561	7,085
72	74 169	29,271	198,541	6,783	6,307	72	85 192	33,621	249,307	7,415	6,939
73	72 229	25,565	169,271	6,621	6,145	73	83 965	29,719	215,686	7,258	6,781
74	70 186	22,280	143,705	6,450	5,974	74	82 665	26,241	185,967	7,087	6,611
75	68 016	19,364	121,426	6,271	5,794	75	81 251	23,132	159,726	6,905	6,429
76	65 701	16,776	102,062	6,084	5,608	76	79 701	20,351	136,594	6,712	6,236
77	63 228	14,479	85,286	5,890	5,414	77	77 962	17,853	116,243	6,511	6,035
78	60 619	12,450	70,807	5,687	5,211	78	76 055	15,620	98,390	6,299	5,823
79	57 816	10,650	58,357	5,480	5,003	79	73 918	13,616	82,770	6,079	5,603
80	54 794	9,052	47,707	5,270	4,794	80	71 485	11,809	69,154	5,856	5,380
81	51 583	7,643	38,655	5,058	4,582	81	68 739	10,184	57,345	5,631	5,154
82	48 151	6,398	31,013	4,847	4,371	82	65 710	8,732	47,160	5,401	4,925
83	44 551	5,309	24,614	4,636	4,160	83	62 402	7,437	38,429	5,167	4,691
84	40 773	4,358	19,305	4,430	3,954	84	58 778	6,282	30,992	4,933	4,457
85	36 886	3,536	14,947	4,227	3,751	85	54 827	5,256	24,710	4,702	4,225
86	32 921	2,830	11,411	4,032	3,555	86	50 593	4,350	19,454	4,473	3,996
87	28 969	2,234	8,581	3,841	3,365	87	46 095	3,554	15,104	4,250	3,773
88	25 117	1,737	6,347	3,654	3,178	88	41 430	2,865	11,550	4,031	3,555
89	21 411	1,328	4,610	3,472	2,995	89	36 673	2,274	8,685	3,819	3,342
90	17 933	0,998	3,282	3,290	2,814	90	31 872	1,773	6,411	3,616	3,140
91	14 713	0,734	2,285	3,113	2,636	91	27 157	1,355	4,638	3,423	2,947
92	11 735	0,525	1,551	2,953	2,477	92	22 613	1,012	3,283	3,245	2,769
93	9 104	0,365	1,026	2,808	2,331	93	18 371	0,737	2,271	3,081	2,605
94	6 884	0,248	0,660	2,665	2,189	94	14 528	0,523	1,534	2,934	2,458
95	5 001	0,161	0,413	2,556	2,080	95	11 112	0,359	1,011	2,820	2,344
96	3 571	0,103	0,251	2,430	1,953	96	8 344	0,242	0,653	2,702	2,226
97	2 455	0,064	0,148	2,319	1,843	97	6 096	0,158	0,411	2,598	2,121
98	1 625	0,038	0,084	2,222	1,746	98	4 407	0,103	0,253	2,464	1,988
99	1 037	0,022	0,046	2,134	1,658	99	3 064	0,064	0,150	2,348	1,872
100	638	0,012	0,025	2,055	1,579	100	2 051	0,038	0,086	2,245	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	946 312,921	9,463	8,986	0	100 000	100 000,000	947 329,986	9,473	8,997
1	99 645	89 168,090	846 312,921	9,491	9,015	1	99 694	89 211,288	847 329,986	9,498	9,021
2	99 618	79 770,739	757 144,830	9,492	9,015	2	99 671	79 812,684	758 118,698	9,499	9,022
3	99 603	71 372,078	677 374,092	9,491	9,014	3	99 659	71 412,242	678 306,014	9,498	9,022
4	99 590	63 859,408	606 002,014	9,490	9,013	4	99 647	63 895,959	606 893,772	9,498	9,022
5	99 578	57 138,257	542 142,605	9,488	9,012	5	99 638	57 172,393	542 997,813	9,498	9,021
6	99 569	51 125,613	485 004,349	9,487	9,010	6	99 630	51 157,141	485 825,420	9,497	9,020
7	99 559	45 745,245	433 878,736	9,485	9,008	7	99 624	45 775,189	434 668,279	9,496	9,019
8	99 550	40 931,895	388 133,491	9,482	9,006	8	99 619	40 960,118	388 893,090	9,494	9,018
9	99 542	36 625,110	347 201,596	9,480	9,003	9	99 613	36 651,080	347 932,972	9,493	9,016
10	99 534	32 771,512	310 576,486	9,477	9,000	10	99 606	32 795,265	311 281,892	9,492	9,015
11	99 526	29 323,483	277 804,973	9,474	8,997	11	99 600	29 345,255	278 486,626	9,490	9,013
12	99 518	26 237,910	248 481,491	9,470	8,994	12	99 593	26 257,780	249 141,372	9,488	9,012
13	99 510	23 477,274	222 243,581	9,466	8,990	13	99 585	23 495,036	222 883,592	9,486	9,010
14	99 500	21 006,737	198 766,307	9,462	8,985	14	99 576	21 022,838	199 388,556	9,484	9,008
15	99 488	18 795,705	177 759,569	9,457	8,981	15	99 566	18 810,409	178 365,718	9,482	9,006
16	99 473	16 816,895	158 963,864	9,453	8,976	16	99 554	16 830,475	159 555,309	9,480	9,004
17	99 448	15 044,799	142 146,970	9,448	8,972	17	99 540	15 058,703	142 724,834	9,478	9,001
18	99 418	13 458,960	127 102,170	9,444	8,967	18	99 525	13 473,376	127 666,131	9,475	8,999
19	99 380	12 039,195	113 643,210	9,439	8,963	19	99 505	12 054,257	114 192,755	9,473	8,997
20	99 339	10 768,831	101 604,015	9,435	8,958	20	99 485	10 784,725	102 138,498	9,471	8,994
21	99 294	9 632,194	90 835,184	9,430	8,954	21	99 467	9 648,974	91 353,773	9,468	8,991
22	99 250	8 615,558	81 202,990	9,425	8,949	22	99 451	8 632,999	81 704,799	9,464	8,988
23	99 205	7 706,195	72 587,432	9,419	8,943	23	99 433	7 723,942	73 071,800	9,460	8,984
24	99 159	6 892,757	64 881,237	9,413	8,936	24	99 412	6 910,305	65 347,858	9,457	8,980
25	99 111	6 165,034	57 988,480	9,406	8,929	25	99 395	6 182,670	58 437,553	9,452	8,975
26	99 064	5 514,154	51 823,447	9,398	8,922	26	99 376	5 531,559	52 254,884	9,447	8,970
27	99 017	4 932,028	46 309,293	9,390	8,913	27	99 357	4 948,977	46 723,325	9,441	8,964
28	98 965	4 411,119	41 377,265	9,380	8,904	28	99 335	4 427,648	41 774,348	9,435	8,958
29	98 914	3 945,277	36 966,146	9,370	8,893	29	99 311	3 961,113	37 346,700	9,428	8,952
30	98 857	3 528,428	33 020,869	9,359	8,882	30	99 285	3 543,703	33 385,587	9,421	8,944
31	98 800	3 155,611	29 492,441	9,346	8,869	31	99 255	3 170,157	29 841,884	9,413	8,937
32	98 732	2 821,869	26 336,831	9,333	8,856	32	99 224	2 835,924	26 671,727	9,405	8,928
33	98 663	2 523,393	23 514,962	9,319	8,842	33	99 189	2 536,859	23 835,803	9,396	8,919
34	98 593	2 256,467	20 991,568	9,303	8,826	34	99 154	2 269,312	21 298,944	9,386	8,909
35	98 513	2 017,584	18 735,102	9,286	8,809	35	99 115	2 029,910	19 029,633	9,375	8,898
36	98 426	1 803,841	16 717,518	9,268	8,791	36	99 075	1 815,743	16 999,723	9,362	8,886
37	98 339	1 612,743	14 913,677	9,247	8,771	37	99 029	1 624,064	15 183,980	9,349	8,873
38	98 246	1 441,819	13 300,934	9,225	8,748	38	98 983	1 452,632	13 559,916	9,335	8,858
39	98 143	1 288,864	11 859,115	9,201	8,725	39	98 925	1 299,133	12 107,284	9,320	8,843
40	98 036	1 152,087	10 570,251	9,175	8,698	40	98 866	1 161,843	10 808,151	9,303	8,826
41	97 913	1 029,655	9 418,164	9,147	8,670	41	98 799	1 038,975	9 646,308	9,284	8,808
42	97 783	920,171	8 388,510	9,116	8,640	42	98 724	929,022	8 607,333	9,265	8,788
43	97 638	822,192	7 468,339	9,083	8,607	43	98 642	830,650	7 678,311	9,244	8,767
44	97 478	734,538	6 646,147	9,048	8,571	44	98 553	742,642	6 847,661	9,221	8,744
45	97 303	656,124	5 911,609	9,010	8,533	45	98 453	663,879	6 105,019	9,196	8,719
46	97 104	585,935	5 255,485	8,969	8,493	46	98 343	593,414	5 441,140	9,169	8,693
47	96 892	523,181	4 669,550	8,925	8,449	47	98 218	530,345	4 847,726	9,141	8,664
48	96 651	467,008	4 146,368	8,879	8,402	48	98 078	473,902	4 317,381	9,110	8,634
49	96 382	416,740	3 679,361	8,829	8,352	49	97 921	423,395	3 843,479	9,078	8,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 11,75 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	371,748	3 262,621	8,776	8,300	50	97 743	378,190	3 420,084	9,043	8,567
51	95 740	331,490	2 890,873	8,721	8,244	51	97 551	337,758	3 041,894	9,006	8,529
52	95 371	295,490	2 559,382	8,661	8,185	52	97 335	301,577	2 704,136	8,967	8,490
53	94 949	263,251	2 263,892	8,600	8,123	53	97 096	269,205	2 402,559	8,925	8,448
54	94 475	234,397	2 000,641	8,535	8,059	54	96 831	240,241	2 133,354	8,880	8,403
55	93 949	208,582	1 766,244	8,468	7,991	55	96 539	214,334	1 893,113	8,833	8,356
56	93 371	185,503	1 557,663	8,397	7,920	56	96 220	191,162	1 678,779	8,782	8,305
57	92 733	164,864	1 372,160	8,323	7,846	57	95 871	170,443	1 487,617	8,728	8,251
58	92 034	146,417	1 207,296	8,246	7,769	58	95 489	151,913	1 317,174	8,671	8,194
59	91 257	129,916	1 060,879	8,166	7,689	59	95 067	135,340	1 165,261	8,610	8,133
60	90 413	115,180	930,963	8,083	7,606	60	94 608	120,525	1 029,921	8,545	8,069
61	89 505	102,035	815,783	7,995	7,518	61	94 098	107,271	909,396	8,478	8,001
62	88 522	90,303	713,748	7,904	7,427	62	93 572	95,455	802,125	8,403	7,927
63	87 448	79,828	623,445	7,810	7,333	63	93 003	84,899	706,670	8,324	7,847
64	86 305	70,501	543,617	7,711	7,234	64	92 391	75,472	621,771	8,238	7,762
65	85 073	62,188	473,116	7,608	7,131	65	91 717	67,044	546,299	8,148	7,672
66	83 766	54,794	410,928	7,500	7,023	66	90 983	59,514	479,254	8,053	7,576
67	82 397	48,231	356,134	7,384	6,907	67	90 188	52,791	419,740	7,951	7,474
68	80 917	42,385	307,904	7,264	6,788	68	89 314	46,783	366,949	7,844	7,367
69	79 404	37,219	265,519	7,134	6,657	69	88 401	41,436	320,166	7,727	7,250
70	77 765	32,618	228,300	6,999	6,523	70	87 414	36,665	278,730	7,602	7,125
71	76 023	28,535	195,682	6,858	6,381	71	86 349	32,410	242,065	7,469	6,992
72	74 169	24,911	167,147	6,710	6,233	72	85 192	28,614	209,655	7,327	6,850
73	72 229	21,709	142,236	6,552	6,075	73	83 965	25,236	181,041	7,174	6,697
74	70 186	18,877	120,527	6,385	5,908	74	82 665	22,233	155,804	7,008	6,531
75	68 016	16,370	101,650	6,210	5,733	75	81 251	19,555	133,571	6,830	6,354
76	65 701	14,150	85,280	6,027	5,550	76	79 701	17,165	114,016	6,642	6,166
77	63 228	12,186	71,130	5,837	5,361	77	77 962	15,025	96,851	6,446	5,969
78	60 619	10,454	58,944	5,638	5,162	78	76 055	13,117	81,825	6,238	5,762
79	57 816	8,923	48,490	5,434	4,958	79	73 918	11,408	68,709	6,023	5,546
80	54 794	7,567	39,567	5,229	4,752	80	71 485	9,872	57,301	5,804	5,328
81	51 583	6,375	32,000	5,020	4,543	81	68 739	8,495	47,429	5,583	5,107
82	48 151	5,325	25,625	4,812	4,336	82	65 710	7,267	38,934	5,358	4,881
83	44 551	4,409	20,300	4,605	4,128	83	62 402	6,175	31,668	5,128	4,652
84	40 773	3,611	15,892	4,401	3,925	84	58 778	5,205	25,492	4,898	4,421
85	36 886	2,923	12,281	4,202	3,725	85	54 827	4,345	20,287	4,670	4,193
86	32 921	2,334	9,358	4,009	3,532	86	50 593	3,588	15,943	4,444	3,967
87	28 969	1,838	7,024	3,821	3,344	87	46 095	2,925	12,355	4,224	3,747
88	25 117	1,426	5,185	3,636	3,159	88	41 430	2,353	9,430	4,009	3,532
89	21 411	1,088	3,759	3,455	2,979	89	36 673	1,863	7,078	3,798	3,321
90	17 933	0,815	2,671	3,276	2,799	90	31 872	1,449	5,214	3,598	3,121
91	14 713	0,599	1,856	3,100	2,623	91	27 157	1,105	3,765	3,407	2,931
92	11 735	0,427	1,257	2,942	2,465	92	22 613	0,823	2,660	3,231	2,754
93	9 104	0,297	0,830	2,798	2,321	93	18 371	0,599	1,837	3,068	2,592
94	6 884	0,201	0,533	2,657	2,180	94	14 528	0,424	1,238	2,923	2,446
95	5 001	0,130	0,332	2,548	2,071	95	11 112	0,290	0,814	2,809	2,333
96	3 571	0,083	0,202	2,423	1,946	96	8 344	0,195	0,525	2,693	2,216
97	2 455	0,051	0,119	2,313	1,836	97	6 096	0,127	0,330	2,589	2,113
98	1 625	0,030	0,067	2,216	1,740	98	4 407	0,082	0,202	2,457	1,980
99	1 037	0,017	0,037	2,129	1,652	99	3 064	0,051	0,120	2,341	1,865
100	638	0,010	0,020	2,050	1,574	100	2 051	0,031	0,069	2,239	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 12 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
0	100 000	100 000,000	928 766,643	9,288	8,811	0	100 000	100 000,000	929 728,155	9,297	8,820
1	99 645	88 969,054	828 766,643	9,315	8,838	1	99 694	89 012,155	829 728,155	9,322	8,845
2	99 618	79 415,017	739 797,589	9,316	8,839	2	99 671	79 456,775	740 716,000	9,322	8,845
3	99 603	70 895,206	660 382,572	9,315	8,838	3	99 659	70 935,102	661 259,224	9,322	8,845
4	99 590	63 291,141	589 487,366	9,314	8,837	4	99 647	63 327,367	590 324,123	9,322	8,845
5	99 578	56 503,394	526 196,225	9,313	8,836	5	99 638	56 537,150	526 996,756	9,321	8,844
6	99 569	50 444,704	469 692,831	9,311	8,834	6	99 630	50 475,813	470 459,606	9,320	8,843
7	99 559	45 035,244	419 248,127	9,309	8,832	7	99 624	45 064,723	419 983,793	9,320	8,843
8	99 550	40 206,653	374 212,883	9,307	8,830	8	99 619	40 234,377	374 919,070	9,318	8,841
9	99 542	35 895,873	334 006,229	9,305	8,828	9	99 613	35 921,326	334 684,694	9,317	8,840
10	99 534	32 047,310	298 110,356	9,302	8,825	10	99 606	32 070,538	298 763,367	9,316	8,839
11	99 526	28 611,469	266 063,047	9,299	8,822	11	99 600	28 632,712	266 692,830	9,314	8,837
12	99 518	25 543,673	237 451,578	9,296	8,819	12	99 593	25 563,017	238 060,118	9,313	8,836
13	99 510	22 805,064	211 907,905	9,292	8,815	13	99 585	22 822,317	212 497,101	9,311	8,834
14	99 500	20 359,717	189 102,841	9,288	8,811	14	99 576	20 375,322	189 674,784	9,309	8,832
15	99 488	18 176,123	168 743,125	9,284	8,807	15	99 566	18 190,343	169 299,462	9,307	8,830
16	99 473	16 226,242	150 567,002	9,279	8,802	16	99 554	16 239,345	151 109,120	9,305	8,828
17	99 448	14 483,985	134 340,759	9,275	8,798	17	99 540	14 497,370	134 869,774	9,303	8,826
18	99 418	12 928,337	119 856,775	9,271	8,794	18	99 525	12 942,185	120 372,405	9,301	8,824
19	99 380	11 538,733	106 928,438	9,267	8,790	19	99 505	11 553,169	107 430,220	9,299	8,822
20	99 339	10 298,139	95 389,704	9,263	8,786	20	99 485	10 313,338	95 877,051	9,296	8,819
21	99 294	9 190,622	85 091,566	9,259	8,782	21	99 467	9 206,633	85 563,713	9,294	8,817
22	99 250	8 202,243	75 900,944	9,254	8,777	22	99 451	8 218,847	76 357,080	9,290	8,813
23	99 205	7 320,128	67 698,701	9,248	8,771	23	99 433	7 336,986	68 138,233	9,287	8,810
24	99 159	6 532,827	60 378,573	9,242	8,765	24	99 412	6 549,459	60 801,247	9,283	8,806
25	99 111	5 830,062	53 845,745	9,236	8,759	25	99 395	5 846,740	54 251,788	9,279	8,802
26	99 064	5 202,908	48 015,683	9,229	8,752	26	99 376	5 219,330	48 405,048	9,274	8,797
27	99 017	4 643,252	42 812,775	9,220	8,743	27	99 357	4 659,209	43 185,718	9,269	8,792
28	98 965	4 143,573	38 169,523	9,212	8,735	28	99 335	4 159,100	38 526,508	9,263	8,786
29	98 914	3 697,713	34 025,950	9,202	8,725	29	99 311	3 712,556	34 367,409	9,257	8,780
30	98 857	3 299,639	30 328,236	9,191	8,714	30	99 285	3 313,924	30 654,853	9,250	8,773
31	98 800	2 944,409	27 028,597	9,180	8,703	31	99 255	2 957,982	27 340,929	9,243	8,766
32	98 732	2 627,127	24 084,187	9,167	8,690	32	99 224	2 640,213	24 382,947	9,235	8,758
33	98 663	2 344,006	21 457,060	9,154	8,677	33	99 189	2 356,515	21 742,734	9,227	8,750
34	98 593	2 091,377	19 113,054	9,139	8,662	34	99 154	2 103,282	19 386,220	9,217	8,740
35	98 513	1 865,797	17 021,677	9,123	8,646	35	99 115	1 877,196	17 282,938	9,207	8,730
36	98 426	1 664,411	15 155,880	9,106	8,629	36	99 075	1 675,393	15 405,742	9,195	8,718
37	98 339	1 484,763	13 491,469	9,087	8,610	37	99 029	1 495,185	13 730,350	9,183	8,706
38	98 246	1 324,439	12 006,706	9,066	8,589	38	98 983	1 334,372	12 235,164	9,169	8,692
39	98 143	1 181,294	10 682,268	9,043	8,566	39	98 925	1 190,706	10 900,792	9,155	8,678
40	98 036	1 053,575	9 500,974	9,018	8,541	40	98 866	1 062,497	9 710,086	9,139	8,662
41	97 913	939,510	8 447,398	8,991	8,514	41	98 799	948,014	8 647,589	9,122	8,645
42	97 783	837,737	7 507,888	8,962	8,485	42	98 724	845,796	7 699,574	9,103	8,626
43	97 638	746,865	6 670,151	8,931	8,454	43	98 642	754,548	6 853,779	9,083	8,606
44	97 478	665,752	5 923,286	8,897	8,420	44	98 553	673,097	6 099,231	9,061	8,584
45	97 303	593,354	5 257,534	8,861	8,384	45	98 453	600,367	5 426,133	9,038	8,561
46	97 104	528,697	4 664,180	8,822	8,345	46	98 343	535,446	4 825,767	9,013	8,536
47	96 892	471,020	4 135,483	8,780	8,303	47	98 218	477,469	4 290,321	8,986	8,509
48	96 651	419,508	3 664,463	8,735	8,258	48	98 078	425,701	3 812,851	8,957	8,480
49	96 382	373,518	3 244,955	8,688	8,211	49	97 921	379,482	3 387,151	8,926	8,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Rente nach der Sterbetafel 2014/2016

Zinsfuß 12 %

x	l_x	D_x	N_x	$\ddot{a}_x$	$^{(12)}\ddot{a}_x$	y	l_y	D_y	N_y	$\ddot{a}_y$	$^{(12)}\ddot{a}_y$
	Männer						Frauen				
50	96 078	332,448	2 871,437	8,637	8,160	50	97 743	338,210	3 007,668	8,893	8,416
51	95 740	295,785	2 538,988	8,584	8,107	51	97 551	301,378	2 669,459	8,858	8,381
52	95 371	263,074	2 243,204	8,527	8,050	52	97 335	268,493	2 368,081	8,820	8,343
53	94 949	233,848	1 980,130	8,468	7,991	53	97 096	239,137	2 099,588	8,780	8,303
54	94 475	207,752	1 746,282	8,406	7,929	54	96 831	212,932	1 860,451	8,737	8,260
55	93 949	184,459	1 538,530	8,341	7,864	55	96 539	189,545	1 647,519	8,692	8,215
56	93 371	163,683	1 354,071	8,273	7,796	56	96 220	168,676	1 457,974	8,644	8,167
57	92 733	145,147	1 190,389	8,201	7,724	57	95 871	150,059	1 289,298	8,592	8,115
58	92 034	128,618	1 045,242	8,127	7,650	58	95 489	133,446	1 139,239	8,537	8,060
59	91 257	113,868	916,623	8,050	7,573	59	95 067	118,623	1 005,793	8,479	8,002
60	90 413	100,728	802,755	7,970	7,493	60	94 608	105,402	887,170	8,417	7,940
61	89 505	89,033	702,027	7,885	7,408	61	94 098	93,601	781,768	8,352	7,875
62	88 522	78,620	612,995	7,797	7,320	62	93 572	83,105	688,167	8,281	7,804
63	87 448	69,345	534,375	7,706	7,229	63	93 003	73,750	605,062	8,204	7,727
64	86 305	61,106	465,030	7,610	7,133	64	92 391	65,415	531,312	8,122	7,645
65	85 073	53,780	403,924	7,511	7,034	65	91 717	57,980	465,897	8,035	7,558
66	83 766	47,280	350,144	7,406	6,929	66	90 983	51,353	407,917	7,943	7,466
67	82 397	41,524	302,863	7,294	6,817	67	90 188	45,451	356,563	7,845	7,368
68	80 917	36,410	261,339	7,178	6,701	68	89 314	40,188	311,113	7,742	7,265
69	79 404	31,901	224,930	7,051	6,574	69	88 401	35,515	270,925	7,628	7,151
70	77 765	27,895	193,029	6,920	6,443	70	87 414	31,356	235,410	7,508	7,031
71	76 023	24,348	165,134	6,782	6,305	71	86 349	27,655	204,054	7,379	6,902
72	74 169	21,209	140,786	6,638	6,161	72	85 192	24,361	176,399	7,241	6,764
73	72 229	18,442	119,577	6,484	6,007	73	83 965	21,438	152,037	7,092	6,615
74	70 186	16,000	101,135	6,321	5,844	74	82 665	18,845	130,600	6,930	6,453
75	68 016	13,844	85,135	6,150	5,673	75	81 251	16,538	111,755	6,758	6,281
76	65 701	11,940	71,291	5,971	5,494	76	79 701	14,484	95,217	6,574	6,097
77	63 228	10,259	59,352	5,785	5,308	77	77 962	12,650	80,733	6,382	5,905
78	60 619	8,782	49,092	5,590	5,113	78	76 055	11,019	68,083	6,179	5,702
79	57 816	7,479	40,310	5,390	4,913	79	73 918	9,562	57,064	5,968	5,491
80	54 794	6,328	32,831	5,188	4,711	80	71 485	8,256	47,503	5,754	5,277
81	51 583	5,319	26,503	4,982	4,505	81	68 739	7,088	39,247	5,537	5,060
82	48 151	4,433	21,184	4,778	4,301	82	65 710	6,050	32,159	5,315	4,838
83	44 551	3,662	16,750	4,574	4,097	83	62 402	5,130	26,109	5,090	4,613
84	40 773	2,993	13,088	4,373	3,896	84	58 778	4,314	20,979	4,863	4,386
85	36 886	2,417	10,095	4,176	3,699	85	54 827	3,593	16,665	4,638	4,161
86	32 921	1,926	7,678	3,986	3,509	86	50 593	2,960	13,072	4,416	3,939
87	28 969	1,513	5,752	3,800	3,323	87	46 095	2,408	10,111	4,199	3,722
88	25 117	1,172	4,238	3,618	3,141	88	41 430	1,933	7,703	3,986	3,509
89	21 411	0,892	3,067	3,439	2,962	89	36 673	1,527	5,770	3,778	3,301
90	17 933	0,667	2,175	3,261	2,784	90	31 872	1,185	4,243	3,580	3,103
91	14 713	0,489	1,508	3,087	2,610	91	27 157	0,902	3,058	3,391	2,914
92	11 735	0,348	1,020	2,931	2,454	92	22 613	0,670	2,156	3,217	2,740
93	9 104	0,241	0,672	2,788	2,311	93	18 371	0,486	1,486	3,056	2,579
94	6 884	0,163	0,431	2,648	2,171	94	14 528	0,343	1,000	2,912	2,435
95	5 001	0,106	0,268	2,540	2,063	95	11 112	0,234	0,656	2,799	2,322
96	3 571	0,067	0,163	2,416	1,939	96	8 344	0,157	0,422	2,684	2,207
97	2 455	0,041	0,095	2,307	1,830	97	6 096	0,103	0,265	2,581	2,104
98	1 625	0,024	0,054	2,211	1,734	98	4 407	0,066	0,162	2,450	1,973
99	1 037	0,014	0,030	2,124	1,647	99	3 064	0,041	0,096	2,335	1,858
100	638	0,008	0,016	2,046	1,569	100	2 051	0,025	0,055	2,234	1,757

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

Notation

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

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

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

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

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	5 205 889,144	52,059	51,599
1	1	99 340	98 356,477	5 105 889,144	51,912	51,452
2	2	99 290	97 333,628	5 007 532,667	51,447	50,987
3	3	99 263	96 343,424	4 910 199,039	50,966	50,506
4	4	99 238	95 365,885	4 813 855,615	50,478	50,018
5	5	99 218	94 402,132	4 718 489,730	49,983	49,523
6	6	99 201	93 451,641	4 624 087,598	49,481	49,021
7	7	99 184	92 510,691	4 530 635,958	48,974	48,514
8	8	99 171	91 582,517	4 438 125,266	48,460	48,000
9	9	99 157	90 662,759	4 346 542,749	47,942	47,482
10	10	99 142	89 752,082	4 255 879,990	47,418	46,958
11	11	99 129	88 851,348	4 166 127,908	46,889	46,429
12	12	99 112	87 957,224	4 077 276,560	46,355	45,895
13	13	99 097	87 072,647	3 989 319,336	45,816	45,356
14	14	99 079	86 194,908	3 902 246,690	45,272	44,812
15	15	99 056	85 322,231	3 816 051,782	44,725	44,265
16	16	99 029	84 454,193	3 730 729,550	44,175	43,715
17	17	98 990	83 584,680	3 646 275,357	43,624	43,164
18	18	98 946	82 720,730	3 562 690,677	43,069	42,609
19	19	98 888	81 853,644	3 479 969,947	42,515	42,055
20	20	98 828	80 993,735	3 398 116,303	41,955	41,495
21	21	98 765	80 140,829	3 317 122,568	41,391	40,931
22	22	98 704	79 298,740	3 236 981,740	40,820	40,360
23	23	98 643	78 464,613	3 157 682,999	40,243	39,783
24	24	98 576	77 635,211	3 079 218,387	39,663	39,203
25	25	98 512	76 816,360	3 001 583,176	39,075	38,615
26	26	98 446	76 005,034	2 924 766,816	38,481	38,021
27	27	98 380	75 202,218	2 848 761,781	37,881	37,421
28	28	98 307	74 402,095	2 773 559,564	37,278	36,818
29	29	98 232	73 609,134	2 699 157,468	36,669	36,209
30	30	98 150	72 819,751	2 625 548,334	36,055	35,595
31	31	98 064	72 035,830	2 552 728,584	35,437	34,977
32	32	97 966	71 250,759	2 480 692,754	34,816	34,356
33	33	97 863	70 471,422	2 409 441,995	34,190	33,730
34	34	97 759	69 699,316	2 338 970,573	33,558	33,098
35	35	97 642	68 926,684	2 269 271,257	32,923	32,463
36	36	97 516	68 156,215	2 200 344,574	32,284	31,824
37	37	97 384	67 389,916	2 132 188,359	31,640	31,180
38	38	97 248	66 629,492	2 064 798,443	30,989	30,529
39	39	97 089	65 861,964	1 998 168,951	30,339	29,879
40	40	96 925	65 099,893	1 932 306,987	29,682	29,222
41	41	96 737	64 330,647	1 867 207,094	29,025	28,565
42	42	96 536	63 560,822	1 802 876,447	28,365	27,905
43	43	96 312	62 785,594	1 739 315,625	27,702	27,242
44	44	96 067	62 006,300	1 676 530,032	27,038	26,578
45	45	95 797	61 219,632	1 614 523,732	26,373	25,913
46	46	95 495	60 422,324	1 553 304,100	25,707	25,247
47	47	95 165	59 617,586	1 492 881,776	25,041	24,581
48	48	94 793	58 796,179	1 433 264,190	24,377	23,917
49	49	94 378	57 959,066	1 374 468,011	23,714	23,254
50	50	93 910	57 101,006	1 316 508,946	23,056	22,596
51	51	93 395	56 225,751	1 259 407,940	22,399	21,939
52	52	92 829	55 331,637	1 203 182,189	21,745	21,285
53	53	92 192	54 407,447	1 147 850,552	21,097	20,637
54	54	91 481	53 453,657	1 093 443,105	20,456	19,996
55	55	90 697	52 471,008	1 039 989,448	19,820	19,360
56	56	89 841	51 461,003	987 518,440	19,190	18,730
57	57	88 905	50 420,340	936 057,438	18,565	18,105
58	58	87 882	49 346,908	885 637,097	17,947	17,487
59	59	86 756	48 232,264	836 290,189	17,339	16,879
60	60	85 538	47 084,443	788 057,925	16,737	16,277
61	61	84 223	45 901,368	740 973,482	16,143	15,683
62	62	82 831	44 696,034	695 072,114	15,551	15,091
63	63	81 330	43 451,198	650 376,080	14,968	14,508
64	64	79 738	42 179,223	606 924,882	14,389	13,929
65	65	78 027	40 865,395	564 745,660	13,820	13,360
66	66	76 212	39 519,832	523 880,265	13,256	12,796
67	67	74 312	38 152,746	484 360,433	12,695	12,235
68	68	72 270	36 737,157	446 207,687	12,146	11,686
69	69	70 194	35 328,527	409 470,530	11,590	11,130
70	70	67 978	33 874,230	374 142,003	11,045	10,585
71	71	65 645	32 387,960	340 267,773	10,506	10,046
72	72	63 186	30 866,212	307 879,812	9,975	9,515
73	73	60 647	29 332,641	277 013,600	9,444	8,984
74	74	58 019	27 783,501	247 680,959	8,915	8,455
75	75	55 263	26 201,805	219 897,458	8,392	7,932
76	76	52 364	24 581,680	193 695,654	7,880	7,420
77	77	49 293	22 910,938	169 113,974	7,381	6,921
78	78	46 104	21 216,478	146 203,036	6,891	6,431
79	79	42 737	19 472,037	124 986,558	6,419	5,959
80	80	39 169	17 669,821	105 514,521	5,971	5,511
81	81	35 458	15 837,355	87 844,700	5,547	5,087
82	82	31 640	13 992,313	72 007,345	5,146	4,686
83	83	27 801	12 172,635	58 015,032	4,766	4,306
84	84	23 966	10 389,421	45 842,397	4,412	3,952
85	85	20 224	8 680,452	35 452,976	4,084	3,624
86	86	16 656	7 078,150	26 772,525	3,782	3,322
87	87	13 353	5 618,665	19 694,375	3,505	3,045
88	88	10 406	4 335,150	14 075,710	3,247	2,787
89	89	7 852	3 238,836	9 740,561	3,007	2,547
90	90	5 716	2 334,222	6 501,725	2,785	2,325
91	91	3 996	1 615,631	4 167,503	2,579	2,120
92	92	2 654	1 062,365	2 551,872	2,402	1,942
93	93	1 672	662,943	1 489,507	2,247	1,787
94	94	1 000	392,500	826,563	2,106	1,646
95	95	556	215,932	434,063	2,010	1,550
96	96	298	114,645	218,131	1,903	1,443
97	97	150	56,999	103,486	1,816	1,356
98	98	72	27,008	46,487	1,721	1,261
99	99	32	11,869	19,479	1,641	1,181
100	100	13	4,841	7,609	1,572	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	5 186 880,857	52,028	51,568	50	51	93 725	56 988,479	1 299 134,750	22,796	22,336
1	2	99 317	98 333,751	5 087 187,243	51,734	51,274	51	52	93 189	56 101,561	1 242 146,271	22,141	21,681
2	3	99 278	97 322,038	4 988 853,493	51,261	50,801	52	53	92 601	55 195,781	1 186 044,711	21,488	21,028
3	4	99 251	96 331,946	4 891 531,455	50,778	50,318	53	54	91 940	54 258,744	1 130 848,930	20,842	20,382
4	5	99 229	95 357,213	4 795 199,509	50,287	49,827	54	55	91 206	53 292,781	1 076 590,186	20,201	19,741
5	6	99 210	94 395,052	4 699 842,296	49,789	49,329	55	56	90 397	52 297,151	1 023 297,405	19,567	19,107
6	7	99 194	93 445,489	4 605 447,244	49,285	48,825	56	57	89 516	51 274,771	971 000,254	18,937	18,477
7	8	99 179	92 506,131	4 512 001,755	48,775	48,315	57	58	88 550	50 219,048	919 725,483	18,314	17,854
8	9	99 165	91 576,847	4 419 495,624	48,260	47,800	58	59	87 494	49 129,261	869 506,435	17,698	17,238
9	10	99 150	90 656,893	4 327 918,777	47,740	47,280	59	60	86 337	47 999,302	820 377,173	17,091	16,631
10	11	99 136	89 746,764	4 237 261,884	47,214	46,754	60	61	85 077	46 830,610	772 377,872	16,493	16,033
11	12	99 121	88 844,730	4 147 515,120	46,683	46,223	61	62	83 752	45 644,545	725 547,262	15,896	15,436
12	13	99 105	87 950,265	4 058 670,390	46,147	45,687	62	63	82 328	44 424,432	679 902,717	15,305	14,845
13	14	99 088	87 065,183	3 970 720,125	45,606	45,146	63	64	80 794	43 165,097	635 478,284	14,722	14,262
14	15	99 068	86 185,863	3 883 654,942	45,061	44,601	64	65	79 157	41 871,848	592 313,188	14,146	13,686
15	16	99 044	85 311,557	3 797 469,079	44,513	44,053	65	66	77 402	40 537,975	550 441,340	13,578	13,118
16	17	99 015	84 442,276	3 712 157,522	43,961	43,501	66	67	75 547	39 174,610	509 903,365	13,016	12,556
17	18	98 975	83 572,442	3 627 715,246	43,408	42,948	67	68	73 591	37 782,878	470 728,755	12,459	11,999
18	19	98 926	82 703,885	3 544 142,804	42,853	42,393	68	69	71 532	36 361,895	432 945,878	11,907	11,447
19	20	98 869	81 837,844	3 461 438,919	42,296	41,836	69	70	69 410	34 933,830	396 583,983	11,352	10,892
20	21	98 809	80 978,737	3 379 601,075	41,734	41,274	70	71	67 149	33 461,522	361 650,153	10,808	10,348
21	22	98 749	80 127,561	3 298 622,337	41,167	40,707	71	72	64 766	31 954,274	328 188,630	10,271	9,811
22	23	98 687	79 285,018	3 218 494,777	40,594	40,134	72	73	62 276	30 421,451	296 234,357	9,738	9,278
23	24	98 621	78 447,587	3 139 209,759	40,017	39,557	73	74	59 708	28 878,491	265 812,906	9,205	8,745
24	25	98 559	77 622,046	3 060 762,172	39,432	38,972	74	75	57 026	27 308,170	236 934,415	8,676	8,216
25	26	98 493	76 802,037	2 983 140,125	38,842	38,382	75	76	54 209	25 702,201	209 626,245	8,156	7,696
26	27	98 427	75 990,246	2 906 338,088	38,246	37,786	76	77	51 221	24 045,158	183 924,044	7,649	7,189
27	28	98 359	75 185,791	2 830 347,843	37,645	37,185	77	78	48 088	22 350,722	159 878,887	7,153	6,693
28	29	98 282	74 383,540	2 755 162,051	37,040	36,580	78	79	44 809	20 620,290	137 528,164	6,670	6,210
29	30	98 206	73 590,086	2 680 778,511	36,429	35,969	79	80	41 330	18 830,954	116 907,874	6,208	5,748
30	31	98 121	72 798,128	2 607 188,426	35,814	35,354	80	81	37 665	16 991,159	98 076,920	5,772	5,312
31	32	98 033	72 012,836	2 534 390,298	35,194	34,734	81	82	33 896	15 139,520	81 085,762	5,356	4,896
32	33	97 932	71 226,032	2 462 377,462	34,571	34,111	82	83	30 048	13 287,919	65 946,242	4,963	4,503
33	34	97 828	70 446,331	2 391 151,430	33,943	33,483	83	84	26 186	11 465,625	52 658,323	4,593	4,133
34	35	97 720	69 672,055	2 320 705,099	33,309	32,849	84	85	22 355	9 691,034	41 192,698	4,251	3,791
35	36	97 602	68 898,942	2 251 033,044	32,672	32,212	85	86	18 662	8 010,136	31 501,664	3,933	3,473
36	37	97 470	68 124,260	2 182 134,102	32,032	31,572	86	87	15 175	6 448,848	23 491,528	3,643	3,183
37	38	97 339	67 358,901	2 114 009,842	31,384	30,924	87	88	12 002	5 050,112	17 042,680	3,375	2,915
38	39	97 191	66 590,470	2 046 650,941	30,735	30,275	88	89	9 211	3 837,366	11 992,569	3,125	2,665
39	40	97 031	65 822,730	1 980 060,471	30,082	29,622	89	90	6 824	2 814,814	8 155,203	2,897	2,437
40	41	96 859	65 055,710	1 914 237,741	29,425	28,965	90	91	4 870	1 988,904	5 340,389	2,685	2,225
41	42	96 664	64 281,572	1 849 182,032	28,767	28,307	91	92	3 327	1 345,279	3 351,485	2,491	2,031
42	43	96 455	63 508,078	1 784 900,460	28,105	27,645	92	93	2 156	863,110	2 006,206	2,324	1,864
43	44	96 225	62 729,091	1 721 392,381	27,442	26,982	93	94	1 323	524,257	1 143,096	2,180	1,720
44	45	95 969	61 943,051	1 658 663,290	26,777	26,317	94	95	765	300,195	618,839	2,061	1,601
45	46	95 691	61 151,558	1 596 720,240	26,111	25,651	95	96	417	162,158	318,644	1,965	1,505
46	47	95 374	60 345,604	1 535 568,682	25,446	24,986	96	97	218	83,750	156,487	1,868	1,409
47	48	95 029	59 532,122	1 475 223,078	24,780	24,320	97	98	108	41,207	72,737	1,765	1,305
48	49	94 641	58 702,130	1 415 690,956	24,117	23,657	98	99	50	18,778	31,530	1,679	1,219
49	50	94 207	57 854,076	1 356 988,826	23,455	22,995	99	100	21	7,946	12,752	1,605	1,145

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	5 166 831,945	51,839	51,379
1	3	99 305	98 322,041	5 067 161,366	51,536	51,076
2	4	99 266	97 310,443	4 968 839,324	51,062	50,602
3	5	99 242	96 323,187	4 871 528,882	50,575	50,115
4	6	99 222	95 350,062	4 775 205,695	50,081	49,621
5	7	99 204	94 388,839	4 679 855,633	49,581	49,121
6	8	99 189	93 440,883	4 585 466,795	49,073	48,613
7	9	99 173	92 500,404	4 492 025,912	48,562	48,102
8	10	99 158	91 570,921	4 399 525,508	48,045	47,585
9	11	99 144	90 651,521	4 307 954,587	47,522	47,062
10	12	99 129	89 740,079	4 217 303,066	46,995	46,535
11	13	99 113	88 837,701	4 127 562,987	46,462	46,002
12	14	99 096	87 942,726	4 038 725,286	45,924	45,465
13	15	99 078	87 056,047	3 950 782,560	45,382	44,922
14	16	99 056	86 175,081	3 863 726,513	44,836	44,376
15	17	99 030	85 299,520	3 777 551,432	44,286	43,826
16	18	99 001	84 429,912	3 692 251,913	43,732	43,272
17	19	98 955	83 555,423	3 607 822,000	43,179	42,719
18	20	98 907	82 687,921	3 524 266,577	42,621	42,161
19	21	98 851	81 822,690	3 441 578,656	42,061	41,601
20	22	98 793	80 965,331	3 359 755,966	41,496	41,036
21	23	98 731	80 113,695	3 278 790,635	40,927	40,467
22	24	98 666	79 267,814	3 198 676,940	40,353	39,893
23	25	98 605	78 434,285	3 119 409,126	39,771	39,311
24	26	98 541	77 607,573	3 040 974,841	39,184	38,724
25	27	98 474	76 787,093	2 963 367,268	38,592	38,132
26	28	98 405	75 973,647	2 886 580,175	37,994	37,535
27	29	98 334	75 167,040	2 810 606,527	37,391	36,931
28	30	98 257	74 364,291	2 735 439,487	36,784	36,324
29	31	98 177	73 568,234	2 661 075,196	36,172	35,712
30	32	98 090	72 774,891	2 587 506,962	35,555	35,095
31	33	97 999	71 987,844	2 514 732,071	34,933	34,473
32	34	97 897	71 200,672	2 442 744,226	34,308	33,848
33	35	97 790	70 418,778	2 371 543,555	33,678	33,218
34	36	97 681	69 644,014	2 301 124,777	33,041	32,581
35	37	97 557	68 866,639	2 231 480,763	32,403	31,943
36	38	97 425	68 092,908	2 162 614,124	31,760	31,300
37	39	97 282	67 319,452	2 094 521,217	31,113	30,653
38	40	97 133	66 550,802	2 027 201,765	30,461	30,001
39	41	96 965	65 778,056	1 960 650,963	29,807	29,347
40	42	96 785	65 006,081	1 894 872,907	29,149	28,689
41	43	96 583	64 228,230	1 829 866,826	28,490	28,030
42	44	96 369	63 450,925	1 765 638,596	27,827	27,367
43	45	96 127	62 665,105	1 702 187,670	27,163	26,703
44	46	95 863	61 874,173	1 639 522,565	26,498	26,038
45	47	95 569	61 073,912	1 577 648,393	25,832	25,372
46	48	95 237	60 259,096	1 516 574,481	25,168	24,708
47	49	94 877	59 436,895	1 456 315,385	24,502	24,042
48	50	94 470	58 595,794	1 396 878,489	23,839	23,379
49	51	94 021	57 740,065	1 338 282,695	23,178	22,718
50	52	93 518	56 862,604	1 280 542,630	22,520	22,060
51	53	92 960	55 963,814	1 223 680,027	21,866	21,406
52	54	92 348	55 044,923	1 167 716,212	21,214	20,754
53	55	91 663	54 095,445	1 112 671,289	20,569	20,109
54	56	90 904	53 116,201	1 058 575,844	19,929	19,469
55	57	90 070	52 107,894	1 005 459,643	19,296	18,836
56	58	89 159	51 070,068	953 351,750	18,668	18,208
57	59	88 159	49 997,555	902 281,682	18,047	17,587
58	60	87 072	48 891,967	852 284,127	17,432	16,972
59	61	85 871	47 740,536	803 392,161	16,828	16,368
60	62	84 601	46 568,588	755 651,624	16,227	15,767
61	63	83 243	45 367,180	709 083,037	15,630	15,170
62	64	81 786	44 131,924	663 715,857	15,039	14,579
63	65	80 205	42 850,538	619 583,933	14,459	13,999
64	66	78 523	41 536,364	576 733,396	13,885	13,425
65	67	76 726	40 183,858	535 197,032	13,319	12,859
66	68	74 814	38 794,835	495 013,173	12,760	12,300
67	69	72 840	37 396,933	456 218,338	12,199	11,739
68	70	70 733	35 955,653	418 821,404	11,648	11,188
69	71	68 564	34 508,213	382 865,751	11,095	10,635
70	72	66 250	33 013,460	348 357,539	10,552	10,092
71	73	63 833	31 493,834	315 344,078	10,013	9,553
72	74	61 312	29 950,443	283 850,244	9,477	9,017
73	75	58 687	28 384,426	253 899,801	8,945	8,485
74	76	55 939	26 787,470	225 515,375	8,419	7,959
75	77	53 026	25 141,223	198 727,905	7,904	7,444
76	78	49 969	23 457,209	173 586,683	7,400	6,940
77	79	46 737	21 722,661	150 129,474	6,911	6,451
78	80	43 333	19 941,402	128 406,813	6,439	5,979
79	81	39 742	18 107,695	108 465,410	5,990	5,530
80	82	36 005	16 242,484	90 357,715	5,563	5,103
81	83	32 189	14 377,373	74 115,231	5,155	4,695
82	84	28 302	12 516,131	59 737,858	4,773	4,313
83	85	24 426	10 694,895	47 221,727	4,415	3,955
84	86	20 628	8 942,680	36 526,832	4,085	3,625
85	87	17 003	7 297,973	27 584,152	3,780	3,320
86	88	13 639	5 796,289	20 286,179	3,500	3,040
87	89	10 624	4 470,232	14 489,890	3,241	2,781
88	90	8 005	3 334,985	10 019,658	3,004	2,544
89	91	5 815	2 398,399	6 684,673	2,787	2,327
90	92	4 055	1 656,091	4 286,274	2,588	2,128
91	93	2 703	1 092,961	2 630,183	2,406	1,946
92	94	1 705	682,548	1 537,222	2,252	1,792
93	95	1 012	400,966	854,674	2,132	1,672
94	96	574	225,436	453,708	2,013	1,553
95	97	305	118,459	228,271	1,927	1,467
96	98	157	60,547	109,813	1,814	1,354
97	99	75	28,650	49,266	1,720	1,260
98	100	33	12,571	20,616	1,640	1,180

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	5 145 423,743	51,630	51,170
1	4	99 293	98 310,327	5 045 765,033	51,325	50,865
2	5	99 257	97 301,594	4 947 454,705	50,847	50,387
3	6	99 234	96 315,963	4 850 153,111	50,357	49,897
4	7	99 215	95 343,785	4 753 837,148	49,860	49,400
5	8	99 199	94 384,186	4 658 493,363	49,357	48,897
6	9	99 183	93 435,097	4 564 109,177	48,848	48,388
7	10	99 167	92 494,418	4 470 674,080	48,335	47,875
8	11	99 152	91 565,495	4 378 179,661	47,815	47,355
9	12	99 137	90 644,769	4 286 614,166	47,290	46,830
10	13	99 121	89 732,979	4 195 969,397	46,761	46,301
11	14	99 105	88 830,086	4 106 236,418	46,226	45,766
12	15	99 086	87 933,498	4 017 406,332	45,687	45,227
13	16	99 066	87 045,156	3 929 472,834	45,143	44,683
14	17	99 042	86 162,921	3 842 427,678	44,595	44,135
15	18	99 016	85 287,030	3 756 264,757	44,043	43,583
16	19	98 981	84 412,719	3 670 977,727	43,488	43,028
17	20	98 936	83 539,295	3 586 565,008	42,933	42,473
18	21	98 889	82 672,610	3 503 025,713	42,372	41,912
19	22	98 834	81 809,144	3 420 353,103	41,809	41,349
20	23	98 776	80 951,320	3 338 543,959	41,241	40,781
21	24	98 710	80 096,312	3 257 592,639	40,671	40,211
22	25	98 649	79 254,373	3 177 496,328	40,092	39,632
23	26	98 586	78 419,660	3 098 241,955	39,508	39,049
24	27	98 522	77 592,473	3 019 822,295	38,919	38,459
25	28	98 453	76 770,321	2 942 229,822	38,325	37,865
26	29	98 381	75 954,700	2 865 459,502	37,726	37,266
27	30	98 309	75 147,589	2 789 504,802	37,120	36,660
28	31	98 228	74 342,209	2 714 357,213	36,512	36,052
29	32	98 146	73 544,752	2 640 015,004	35,897	35,437
30	33	98 056	72 749,635	2 566 470,252	35,278	34,818
31	34	97 964	71 962,213	2 493 720,617	34,653	34,193
32	35	97 858	71 172,824	2 421 758,404	34,026	33,566
33	36	97 750	70 390,436	2 350 585,579	33,394	32,934
34	37	97 635	69 611,361	2 280 195,144	32,756	32,296
35	38	97 512	68 834,945	2 210 583,783	32,114	31,654
36	39	97 368	68 053,028	2 141 748,838	31,472	31,012
37	40	97 224	67 279,349	2 073 695,810	30,822	30,362
38	41	97 067	66 505,634	2 006 416,461	30,169	29,709
39	42	96 891	65 727,877	1 939 910,827	29,514	29,054
40	43	96 705	64 952,138	1 874 182,950	28,855	28,395
41	44	96 496	64 170,429	1 809 230,812	28,194	27,734
42	45	96 270	63 386,203	1 745 060,382	27,531	27,071
43	46	96 020	62 595,424	1 681 674,179	26,866	26,406
44	47	95 741	61 795,609	1 619 078,755	26,201	25,741
45	48	95 432	60 986,360	1 557 283,146	25,535	25,075
46	49	95 085	60 162,707	1 496 296,786	24,871	24,411
47	50	94 705	59 329,229	1 436 134,079	24,206	23,746
48	51	94 283	58 480,321	1 376 804,851	23,543	23,083
49	52	93 813	57 612,530	1 318 324,529	22,883	22,423
50	53	93 288	56 722,989	1 260 712,000	22,226	21,766
51	54	92 706	55 810,857	1 203 989,011	21,573	21,113
52	55	92 070	54 879,258	1 148 178,153	20,922	20,462
53	56	91 359	53 916,206	1 093 298,895	20,278	19,818
54	57	90 575	52 923,979	1 039 382,690	19,639	19,179
55	58	89 710	51 899,864	986 458,710	19,007	18,547
56	59	88 765	50 844,821	934 558,846	18,381	17,921
57	60	87 733	49 756,066	883 714,025	17,761	17,301
58	61	86 602	48 628,389	833 957,959	17,150	16,690
59	62	85 391	47 473,423	785 329,570	16,543	16,083
60	63	84 087	46 285,607	737 856,147	15,941	15,481
61	64	82 694	45 068,464	691 570,540	15,345	14,885
62	65	81 190	43 810,319	646 502,076	14,757	14,297
63	66	79 563	42 507,212	602 691,757	14,179	13,719
64	67	77 837	41 173,526	560 184,545	13,605	13,145
65	68	75 982	39 794,300	519 011,019	13,042	12,582
66	69	74 050	38 398,554	479 216,719	12,480	12,020
67	70	72 026	36 979,128	440 818,165	11,921	11,461
68	71	69 871	35 517,586	403 839,037	11,370	10,910
69	72	67 646	34 046,135	368 321,451	10,818	10,358
70	73	65 296	32 537,759	334 275,315	10,273	9,813
71	74	62 844	31 006,223	301 737,557	9,732	9,272
72	75	60 263	29 438,039	270 731,334	9,197	8,737
73	76	57 568	27 843,205	241 293,295	8,666	8,206
74	77	54 718	26 202,805	213 450,091	8,146	7,686
75	78	51 729	24 526,473	187 247,286	7,634	7,175
76	79	48 565	22 798,055	162 720,813	7,137	6,678
77	80	45 198	21 007,480	139 922,758	6,661	6,201
78	81	41 669	19 175,493	118 915,278	6,201	5,741
79	82	37 991	17 309,823	99 739,785	5,762	5,302
80	83	34 192	15 424,813	82 429,961	5,344	4,884
81	84	30 320	13 542,308	67 005,149	4,948	4,488
82	85	26 400	11 674,785	53 462,841	4,579	4,119
83	86	22 540	9 869,021	41 788,056	4,234	3,774
84	87	18 794	8 147,607	31 919,035	3,918	3,458
85	88	15 282	6 559,491	23 771,428	3,624	3,164
86	89	12 073	5 130,729	17 211,937	3,355	2,895
87	90	9 233	3 884,998	12 081,208	3,110	2,650
88	91	6 821	2 841,618	8 196,210	2,884	2,424
89	92	4 842	1 997,063	5 354,592	2,681	2,221
90	93	3 295	1 345,477	3 357,529	2,495	2,035
91	94	2 138	864,315	2 012,052	2,328	1,868
92	95	1 304	522,032	1 147,737	2,199	1,739
93	96	760	301,112	625,705	2,078	1,618
94	97	420	164,684	324,593	1,971	1,511
95	98	220	85,639	159,909	1,867	1,407
96	99	109	42,096	74,270	1,764	1,304
97	100	50	19,180	32,174	1,677	1,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	5 122 617,644	51,408	50,948
1	5	99 284	98 301,388	5 022 970,807	51,098	50,638
2	6	99 250	97 294,297	4 924 669,419	50,616	50,156
3	7	99 228	96 309,623	4 827 375,122	50,123	49,664
4	8	99 210	95 339,085	4 731 065,499	49,624	49,164
5	9	99 193	94 378,342	4 635 726,414	49,119	48,659
6	10	99 177	93 429,052	4 541 348,072	48,607	48,147
7	11	99 161	92 488,938	4 447 919,020	48,091	47,631
8	12	99 145	91 558,675	4 355 430,082	47,570	47,110
9	13	99 129	90 637,598	4 263 871,407	47,043	46,583
10	14	99 113	89 725,287	4 173 233,809	46,511	46,051
11	15	99 095	88 820,764	4 083 508,522	45,975	45,515
12	16	99 073	87 922,497	3 994 687,758	45,434	44,974
13	17	99 052	87 032,874	3 906 765,261	44,888	44,428
14	18	99 028	86 150,306	3 819 732,387	44,338	43,878
15	19	98 995	85 269,662	3 733 582,081	43,786	43,326
16	20	98 961	84 396,425	3 648 312,419	43,228	42,768
17	21	98 918	83 523,826	3 563 915,994	42,669	42,209
18	22	98 872	82 658,923	3 480 392,168	42,105	41,645
19	23	98 817	81 794,987	3 397 733,245	41,540	41,080
20	24	98 755	80 933,755	3 315 938,258	40,971	40,511
21	25	98 693	80 082,730	3 235 004,503	40,396	39,936
22	26	98 631	79 239,595	3 154 921,774	39,815	39,355
23	27	98 567	78 404,402	3 075 682,179	39,228	38,768
24	28	98 500	77 575,524	2 997 277,777	38,637	38,177
25	29	98 428	76 751,175	2 919 702,253	38,041	37,581
26	30	98 355	75 935,044	2 842 951,078	37,439	36,979
27	31	98 280	75 125,275	2 767 016,034	36,832	36,372
28	32	98 196	74 318,480	2 691 890,759	36,221	35,761
29	33	98 112	73 519,228	2 617 572,279	35,604	35,144
30	34	98 021	72 723,733	2 544 053,051	34,982	34,522
31	35	97 926	71 934,068	2 471 329,318	34,355	33,895
32	36	97 819	71 144,178	2 399 395,251	33,726	33,266
33	37	97 705	70 357,433	2 328 251,072	33,092	32,632
34	38	97 590	69 579,324	2 257 893,639	32,451	31,991
35	39	97 455	68 794,631	2 188 314,315	31,809	31,349
36	40	97 310	68 012,489	2 119 519,684	31,164	30,704
37	41	97 158	67 233,687	2 051 507,195	30,513	30,053
38	42	96 993	66 454,899	1 984 273,508	29,859	29,399
39	43	96 811	65 673,335	1 917 818,609	29,202	28,742
40	44	96 618	64 893,686	1 852 145,274	28,541	28,081
41	45	96 398	64 104,973	1 787 251,588	27,880	27,420
42	46	96 163	63 315,720	1 723 146,615	27,215	26,755
43	47	95 898	62 515,944	1 659 830,895	26,551	26,091
44	48	95 604	61 707,023	1 597 314,950	25,885	25,425
45	49	95 279	60 888,808	1 535 607,927	25,220	24,760
46	50	94 912	60 053,725	1 474 719,120	24,557	24,097
47	51	94 518	59 212,310	1 414 665,394	23,891	23,431
48	52	94 075	58 351,151	1 355 453,084	23,229	22,769
49	53	93 583	57 471,074	1 297 101,933	22,570	22,110
50	54	93 033	56 567,957	1 239 630,859	21,914	21,454
51	55	92 427	55 642,887	1 183 062,902	21,262	20,802
52	56	91 765	54 697,422	1 127 420,015	20,612	20,152
53	57	91 029	53 721,089	1 072 722,594	19,968	19,508
54	58	90 213	52 712,692	1 019 001,505	19,331	18,871
55	59	89 315	51 670,957	966 288,813	18,701	18,241
56	60	88 337	50 599,240	914 617,855	18,076	17,616
57	61	87 260	49 487,830	864 018,615	17,459	16,999
58	62	86 118	48 356,308	814 530,785	16,844	16,384
59	63	84 872	47 184,944	766 174,477	16,238	15,778
60	64	83 533	45 980,844	718 989,533	15,637	15,177
61	65	82 092	44 740,034	673 008,689	15,043	14,583
62	66	80 539	43 459,303	628 268,656	14,456	13,997
63	67	78 868	42 135,894	584 809,352	13,879	13,419
64	68	77 082	40 774,373	542 673,458	13,309	12,849
65	69	75 206	39 387,810	501 899,085	12,742	12,283
66	70	73 223	37 969,558	462 511,275	12,181	11,721
67	71	71 148	36 528,592	424 541,717	11,622	11,162
68	72	68 935	35 041,993	388 013,125	11,073	10,613
69	73	66 671	33 555,553	352 971,132	10,519	10,059
70	74	64 285	32 033,985	319 415,579	9,971	9,511
71	75	61 769	30 475,756	287 381,594	9,430	8,970
72	76	59 114	28 876,728	256 905,839	8,897	8,437
73	77	56 311	27 235,497	228 029,111	8,372	7,913
74	78	53 380	25 562,097	200 793,614	7,855	7,395
75	79	50 276	23 837,273	175 231,517	7,351	6,891
76	80	46 966	22 047,468	151 394,245	6,867	6,407
77	81	43 462	20 200,625	129 346,777	6,403	5,943
78	82	39 833	18 330,572	109 146,151	5,954	5,494
79	83	36 079	16 438,420	90 815,580	5,525	5,065
80	84	32 206	14 528,910	74 377,159	5,119	4,659
81	85	28 282	12 631,981	59 848,249	4,738	4,278
82	86	24 361	10 773,242	47 216,268	4,383	3,923
83	87	20 536	8 991,590	36 443,026	4,053	3,593
84	88	16 892	7 323,150	27 451,436	3,749	3,289
85	89	13 527	5 806,297	20 128,286	3,467	3,007
86	90	10 492	4 459,024	14 321,989	3,212	2,752
87	91	7 867	3 310,263	9 862,965	2,980	2,520
88	92	5 680	2 366,116	6 552,702	2,769	2,309
89	93	3 934	1 622,497	4 186,586	2,580	2,120
90	94	2 605	1 064,006	2 564,090	2,410	1,950
91	95	1 635	661,052	1 500,084	2,269	1,809
92	96	979	392,028	839,032	2,140	1,680
93	97	555	219,967	447,003	2,032	1,572
94	98	303	119,058	227,037	1,907	1,447
95	99	153	59,542	107,979	1,813	1,354
96	100	73	28,182	48,437	1,719	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	5 098 394,377	51,169	50,709
1	6	99 277	98 294,016	4 998 756,601	50,855	50,395
2	7	99 243	97 287,893	4 900 462,585	50,371	49,911
3	8	99 223	96 304,875	4 803 174,692	49,875	49,415
4	9	99 204	95 333,183	4 706 869,817	49,373	48,913
5	10	99 186	94 372,235	4 611 536,634	48,865	48,405
6	11	99 171	93 423,516	4 517 164,399	48,351	47,891
7	12	99 153	92 482,049	4 423 740,883	47,834	47,374
8	13	99 137	91 551,432	4 331 258,835	47,310	46,850
9	14	99 121	90 629,828	4 239 707,403	46,780	46,321
10	15	99 102	89 715,872	4 149 077,575	46,247	45,787
11	16	99 082	88 809,653	4 059 361,703	45,709	45,249
12	17	99 059	87 910,091	3 970 552,050	45,166	44,706
13	18	99 037	87 020,130	3 882 641,959	44,618	44,158
14	19	99 007	86 132,762	3 795 621,829	44,067	43,607
15	20	98 976	85 253,203	3 709 489,067	43,511	43,051
16	21	98 943	84 380,798	3 624 235,864	42,951	42,491
17	22	98 901	83 509,998	3 539 855,066	42,388	41,928
18	23	98 855	82 644,619	3 456 345,068	41,822	41,362
19	24	98 796	81 777,239	3 373 700,449	41,255	40,795
20	25	98 738	80 920,031	3 291 923,210	40,681	40,221
21	26	98 675	80 067,797	3 211 003,180	40,104	39,644
22	27	98 612	79 224,177	3 130 935,382	39,520	39,060
23	28	98 546	78 387,276	3 051 711,205	38,931	38,471
24	29	98 476	77 556,177	2 973 323,929	38,338	37,878
25	30	98 403	76 731,313	2 895 767,752	37,739	37,279
26	31	98 326	75 912,497	2 819 036,439	37,135	36,675
27	32	98 248	75 101,295	2 743 123,942	36,526	36,066
28	33	98 162	74 292,688	2 668 022,647	35,912	35,452
29	34	98 077	73 493,052	2 593 729,959	35,292	34,832
30	35	97 982	72 695,289	2 520 236,908	34,669	34,209
31	36	97 886	71 905,116	2 447 541,618	34,038	33,579
32	37	97 773	71 110,823	2 375 636,503	33,408	32,948
33	38	97 660	70 325,053	2 304 525,680	32,770	32,310
34	39	97 533	69 538,575	2 234 200,627	32,129	31,669
35	40	97 397	68 753,650	2 164 662,053	31,484	31,024
36	41	97 244	67 966,329	2 095 908,403	30,837	30,377
37	42	97 084	67 182,397	2 027 942,074	30,186	29,726
38	43	96 912	66 399,754	1 960 759,677	29,530	29,070
39	44	96 723	65 614,233	1 894 359,923	28,871	28,411
40	45	96 519	64 827,492	1 828 745,689	28,209	27,749
41	46	96 291	64 033,691	1 763 918,197	27,547	27,087
42	47	96 041	63 235,326	1 699 884,506	26,882	26,422
43	48	95 761	62 426,325	1 636 649,180	26,217	25,757
44	49	95 451	61 608,318	1 574 222,855	25,552	25,092
45	50	95 107	60 778,511	1 512 614,537	24,887	24,427
46	51	94 725	59 935,380	1 451 836,027	24,223	23,763
47	52	94 310	59 081,523	1 391 900,647	23,559	23,099
48	53	93 844	58 207,881	1 332 819,124	22,898	22,438
49	54	93 327	57 313,997	1 274 611,242	22,239	21,779
50	55	92 753	56 397,708	1 217 297,245	21,584	21,124
51	56	92 121	55 458,520	1 160 899,537	20,933	20,473
52	57	91 433	54 499,478	1 105 441,016	20,284	19,824
53	58	90 665	53 506,619	1 050 941,539	19,641	19,181
54	59	89 815	52 480,200	997 434,919	19,006	18,546
55	60	88 883	51 421,386	944 954,719	18,377	17,917
56	61	87 860	50 326,458	893 533,333	17,755	17,295
57	62	86 772	49 210,940	843 206,875	17,135	16,675
58	63	85 594	48 062,464	793 995,934	16,520	16,060
59	64	84 313	46 874,259	745 933,470	15,913	15,454
60	65	82 925	45 645,765	699 059,211	15,315	14,855
61	66	81 434	44 381,570	653 413,446	14,723	14,263
62	67	79 836	43 079,668	609 031,876	14,137	13,677
63	68	78 103	41 727,411	565 952,208	13,563	13,103
64	69	76 295	40 357,872	524 224,797	12,989	12,529
65	70	74 366	38 947,761	483 866,925	12,423	11,964
66	71	72 331	37 506,955	444 919,163	11,862	11,402
67	72	70 196	36 039,461	407 412,208	11,305	10,845
68	73	67 942	34 537,062	371 372,748	10,753	10,293
69	74	65 639	33 036,021	336 835,686	10,196	9,736
70	75	63 185	31 485,934	303 799,665	9,649	9,189
71	76	60 591	29 894,658	272 313,731	9,109	8,649
72	77	57 823	28 246,462	242 419,073	8,582	8,122
73	78	54 934	26 569,538	214 172,611	8,061	7,601
74	79	51 880	24 843,796	187 603,073	7,551	7,091
75	80	48 621	23 052,471	162 759,278	7,060	6,600
76	81	45 162	21 200,670	139 706,806	6,590	6,130
77	82	41 547	19 310,534	118 506,137	6,137	5,677
78	83	37 828	17 407,782	99 195,603	5,698	5,238
79	84	33 983	15 483,645	81 787,821	5,282	4,822
80	85	30 042	13 552,263	66 304,175	4,892	4,432
81	86	26 098	11 656,523	52 751,912	4,526	4,066
82	87	22 195	9 815,419	41 095,390	4,187	3,727
83	88	18 458	8 081,730	31 279,971	3,870	3,410
84	89	14 953	6 482,269	23 198,241	3,579	3,119
85	90	11 756	5 046,147	16 715,972	3,313	2,853
86	91	8 940	3 799,370	11 669,824	3,072	2,612
87	92	6 551	2 756,340	7 870,455	2,855	2,395
88	93	4 614	1 922,331	5 114,114	2,660	2,200
89	94	3 111	1 283,073	3 191,784	2,488	2,028
90	95	1 993	813,781	1 908,710	2,345	1,886
91	96	1 228	496,428	1 094,930	2,206	1,746
92	97	715	286,382	598,502	2,090	1,630
93	98	401	159,024	312,119	1,963	1,503
94	99	211	82,777	153,096	1,849	1,390
95	100	103	39,862	70,318	1,764	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	5 072 739,939	50,916	50,456
1	7	99 270	98 287,545	4 973 109,635	50,598	50,138
2	8	99 238	97 283,097	4 874 822,090	50,110	49,650
3	9	99 217	96 298,913	4 777 538,993	49,612	49,152
4	10	99 198	95 327,014	4 681 240,080	49,107	48,647
5	11	99 180	94 366,643	4 585 913,066	48,597	48,137
6	12	99 164	93 416,557	4 491 546,423	48,081	47,621
7	13	99 145	92 474,732	4 398 129,866	47,560	47,100
8	14	99 129	91 543,584	4 305 655,134	47,034	46,574
9	15	99 110	90 620,318	4 214 111,550	46,503	46,043
10	16	99 090	89 704,648	4 123 491,232	45,967	45,507
11	17	99 068	88 797,122	4 033 786,584	45,427	44,967
12	18	99 045	87 897,219	3 944 989,462	44,882	44,422
13	19	99 017	87 002,410	3 857 092,243	44,333	43,873
14	20	98 988	86 116,136	3 770 089,833	43,779	43,319
15	21	98 958	85 237,417	3 683 973,697	43,220	42,760
16	22	98 927	84 366,828	3 598 736,280	42,656	42,196
17	23	98 884	83 495,547	3 514 369,453	42,091	41,631
18	24	98 834	82 626,686	3 430 873,906	41,523	41,063
19	25	98 779	81 763,372	3 348 247,219	40,950	40,490
20	26	98 719	80 904,942	3 266 483,847	40,374	39,914
21	27	98 656	80 052,218	3 185 578,905	39,794	39,334
22	28	98 590	79 206,872	3 105 526,687	39,208	38,748
23	29	98 521	78 367,726	3 026 319,815	38,617	38,157
24	30	98 450	77 536,107	2 947 952,088	38,020	37,560
25	31	98 373	76 708,529	2 870 415,981	37,420	36,960
26	32	98 295	75 888,266	2 793 707,452	36,813	36,353
27	33	98 214	75 075,232	2 717 819,186	36,201	35,741
28	34	98 127	74 266,236	2 642 743,954	35,585	35,125
29	35	98 038	73 464,308	2 568 477,718	34,962	34,502
30	36	97 943	72 666,031	2 495 013,411	34,335	33,875
31	37	97 841	71 871,403	2 422 347,380	33,704	33,244
32	38	97 728	71 078,096	2 350 475,977	33,069	32,609
33	39	97 603	70 283,866	2 279 397,881	32,431	31,971
34	40	97 475	69 497,150	2 209 114,015	31,787	31,327
35	41	97 331	68 706,987	2 139 616,865	31,141	30,681
36	42	97 170	67 914,480	2 070 909,878	30,493	30,033
37	43	97 003	67 126,648	2 002 995,398	29,839	29,379
38	44	96 825	66 339,999	1 935 868,750	29,181	28,721
39	45	96 625	65 547,304	1 869 528,751	28,522	28,062
40	46	96 412	64 755,406	1 803 981,446	27,858	27,398
41	47	96 169	63 952,386	1 739 226,040	27,196	26,736
42	48	95 903	63 144,676	1 675 273,654	26,531	26,071
43	49	95 607	62 326,469	1 612 128,978	25,866	25,406
44	50	95 278	61 496,717	1 549 802,509	25,201	24,741
45	51	94 919	60 658,736	1 488 305,792	24,536	24,076
46	52	94 516	59 802,995	1 427 647,055	23,873	23,413
47	53	94 078	58 936,461	1 367 844,060	23,209	22,749
48	54	93 588	58 048,791	1 308 907,599	22,548	22,088
49	55	93 046	57 141,503	1 250 858,808	21,891	21,431
50	56	92 446	56 210,841	1 193 717,305	21,236	20,776
51	57	91 788	55 257,822	1 137 506,465	20,585	20,125
52	58	91 068	54 281,901	1 082 248,642	19,938	19,478
53	59	90 265	53 270,625	1 027 966,741	19,297	18,837
54	60	89 381	52 226,720	974 696,116	18,663	18,203
55	61	88 404	51 144,173	922 469,396	18,037	17,577
56	62	87 369	50 044,876	871 325,223	17,411	16,951
57	63	86 245	48 911,904	821 280,347	16,791	16,331
58	64	85 031	47 746,001	772 368,443	16,177	15,717
59	65	83 699	46 532,670	724 622,442	15,572	15,112
60	66	82 260	45 280,044	678 089,772	14,975	14,515
61	67	80 723	43 993,878	632 809,728	14,384	13,924
62	68	79 062	42 662,036	588 815,851	13,802	13,342
63	69	77 305	41 301,175	546 153,814	13,224	12,764
64	70	75 443	39 906,986	504 852,639	12,651	12,191
65	71	73 460	38 473,240	464 945,653	12,085	11,625
66	72	71 362	37 004,723	426 472,413	11,525	11,065
67	73	69 184	35 520,156	389 467,690	10,965	10,505
68	74	66 890	34 002,333	353 947,533	10,410	9,950
69	75	64 516	32 470,827	319 945,201	9,853	9,393
70	76	61 980	30 885,575	287 474,374	9,308	8,848
71	77	59 269	29 242,175	256 588,798	8,775	8,315
72	78	56 409	27 555,783	227 346,624	8,250	7,790
73	79	53 391	25 822,927	199 790,841	7,737	7,277
74	80	50 172	24 025,856	173 967,914	7,241	6,781
75	81	46 753	22 167,073	149 942,057	6,764	6,304
76	82	43 172	20 266,514	127 774,985	6,305	5,845
77	83	39 455	18 338,411	107 508,471	5,862	5,402
78	84	35 631	16 396,705	89 170,060	5,438	4,978
79	85	31 699	14 442,820	72 773,355	5,039	4,579
80	86	27 722	12 505,739	58 330,535	4,664	4,204
81	87	23 777	10 620,169	45 824,795	4,315	3,855
82	88	19 949	8 822,196	35 204,627	3,990	3,530
83	89	16 338	7 153,745	26 382,431	3,688	3,228
84	90	12 995	5 633,622	19 228,686	3,413	2,953
85	91	10 017	4 299,636	13 595,063	3,162	2,702
86	92	7 444	3 163,602	9 295,427	2,938	2,478
87	93	5 322	2 239,365	6 131,825	2,738	2,278
88	94	3 649	1 520,182	3 892,460	2,561	2,101
89	95	2 379	981,330	2 372,277	2,417	1,957
90	96	1 496	611,122	1 390,948	2,276	1,816
91	97	897	362,648	779,826	2,150	1,690
92	98	517	207,039	417,178	2,015	1,555
93	99	279	110,564	210,139	1,901	1,441
94	100	141	55,417	99,575	1,797	1,337

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	5 045 649,362	50,647	50,187
1	8	99 266	98 282,700	4 946 025,616	50,324	49,864
2	9	99 232	97 277,074	4 847 742,916	49,834	49,374
3	10	99 210	96 292,682	4 750 465,842	49,334	48,874
4	11	99 192	95 321,365	4 654 173,160	48,826	48,366
5	12	99 173	94 359,615	4 558 851,795	48,314	47,854
6	13	99 156	93 409,166	4 464 492,180	47,795	47,335
7	14	99 137	92 466,805	4 371 083,014	47,272	46,812
8	15	99 118	91 533,978	4 278 616,209	46,743	46,283
9	16	99 098	90 608,981	4 187 082,231	46,210	45,750
10	17	99 076	89 691,991	4 096 473,250	45,673	45,213
11	18	99 054	88 784,120	4 006 781,259	45,129	44,670
12	19	99 025	87 879,320	3 917 997,139	44,584	44,124
13	20	98 998	86 985,616	3 830 117,820	44,032	43,572
14	21	98 970	86 100,190	3 743 132,204	43,474	43,014
15	22	98 942	85 223,305	3 657 032,013	42,911	42,451
16	23	98 910	84 352,228	3 571 808,708	42,344	41,884
17	24	98 863	83 477,430	3 487 456,480	41,777	41,317
18	25	98 817	82 612,675	3 403 979,050	41,204	40,744
19	26	98 761	81 748,126	3 321 366,375	40,629	40,169
20	27	98 700	80 889,201	3 239 618,249	40,050	39,590
21	28	98 634	80 034,733	3 158 729,048	39,467	39,007
22	29	98 565	79 187,118	3 078 694,315	38,879	38,419
23	30	98 496	78 347,446	2 999 507,197	38,285	37,825
24	31	98 421	77 513,084	2 921 159,751	37,686	37,226
25	32	98 342	76 684,044	2 843 646,666	37,083	36,623
26	33	98 261	75 861,929	2 766 962,622	36,474	36,014
27	34	98 179	75 048,501	2 691 100,693	35,858	35,398
28	35	98 089	74 237,189	2 616 052,192	35,239	34,779
29	36	97 999	73 434,740	2 541 815,003	34,613	34,153
30	37	97 897	72 631,961	2 468 380,263	33,985	33,525
31	38	97 795	71 838,326	2 395 748,302	33,349	32,889
32	39	97 671	71 036,468	2 323 909,976	32,714	32,254
33	40	97 544	70 241,998	2 252 873,508	32,073	31,613
34	41	97 409	69 449,983	2 182 631,510	31,427	30,967
35	42	97 256	68 654,573	2 113 181,527	30,780	30,320
36	43	97 089	67 858,124	2 044 526,954	30,129	29,669
37	44	96 916	67 066,239	1 976 668,830	29,473	29,013
38	45	96 726	66 272,330	1 909 602,591	28,814	28,354
39	46	96 517	65 474,418	1 843 330,262	28,153	27,693
40	47	96 290	64 673,185	1 777 855,843	27,490	27,030
41	48	96 031	63 860,707	1 713 182,659	26,827	26,367
42	49	95 750	63 043,671	1 649 321,951	26,162	25,702
43	50	95 434	62 213,568	1 586 278,280	25,497	25,037
44	51	95 090	61 375,528	1 524 064,712	24,832	24,372
45	52	94 710	60 524,755	1 462 689,184	24,167	23,707
46	53	94 284	59 656,161	1 402 164,430	23,504	23,044
47	54	93 821	58 775,379	1 342 508,268	22,841	22,381
48	55	93 306	57 874,085	1 283 732,889	22,181	21,722
49	56	92 738	56 952,171	1 225 858,804	21,524	21,064
50	57	92 112	56 007,420	1 168 906,633	20,871	20,411
51	58	91 421	55 037,218	1 112 899,213	20,221	19,761
52	59	90 666	54 042,488	1 057 861,996	19,575	19,115
53	60	89 829	53 013,328	1 003 819,508	18,935	18,475
54	61	88 899	51 945,165	950 806,180	18,304	17,844
55	62	87 909	50 858,015	898 861,015	17,674	17,214
56	63	86 838	49 740,772	848 003,000	17,048	16,588
57	64	85 677	48 589,847	798 262,228	16,429	15,969
58	65	84 411	47 398,059	749 672,380	15,817	15,357
59	66	83 028	46 159,843	702 274,321	15,214	14,754
60	67	81 542	44 884,504	656 114,479	14,618	14,158
61	68	79 940	43 567,384	611 229,975	14,030	13,570
62	69	78 254	42 226,253	567 662,592	13,443	12,983
63	70	76 442	40 839,750	525 436,339	12,866	12,406
64	71	74 523	39 420,778	484 596,589	12,293	11,833
65	72	72 476	37 958,070	445 175,811	11,728	11,268
66	73	70 334	36 471,510	407 217,741	11,165	10,705
67	74	68 113	34 970,206	370 746,230	10,602	10,142
68	75	65 746	33 420,607	335 776,024	10,047	9,587
69	76	63 286	31 851,689	302 355,417	9,493	9,033
70	77	60 627	30 211,464	270 503,729	8,954	8,494
71	78	57 820	28 527,149	240 292,265	8,423	7,963
72	79	54 824	26 781,459	211 765,116	7,907	7,447
73	80	51 633	24 972,751	184 983,657	7,407	6,947
74	81	48 245	23 103,072	160 010,906	6,926	6,466
75	82	44 693	21 190,334	136 907,834	6,461	6,001
76	83	40 999	19 246,266	115 717,500	6,012	5,552
77	84	37 164	17 273,281	96 471,234	5,585	5,125
78	85	33 236	15 294,503	79 197,953	5,178	4,718
79	86	29 251	13 327,526	63 903,449	4,795	4,335
80	87	25 257	11 393,883	50 575,923	4,439	3,979
81	88	21 371	9 545,513	39 182,040	4,105	3,645
82	89	17 659	7 809,187	29 636,526	3,795	3,335
83	90	14 199	6 217,190	21 827,340	3,511	3,051
84	91	11 073	4 800,202	15 610,149	3,252	2,792
85	92	8 341	3 580,156	10 809,948	3,019	2,559
86	93	6 048	2 570,242	7 229,791	2,813	2,353
87	94	4 209	1 770,894	4 659,549	2,631	2,171
88	95	2 791	1 162,677	2 888,655	2,484	2,025
89	96	1 787	736,946	1 725,978	2,342	1,882
90	97	1 093	446,433	989,033	2,215	1,755
91	98	648	262,174	542,599	2,070	1,610
92	99	360	143,948	280,425	1,948	1,488
93	100	187	74,020	136,477	1,844	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	5 017 125,624	50,363	49,903
1	9	99 259	98 276,616	4 917 506,789	50,037	49,577
2	10	99 226	97 270,779	4 819 230,174	49,544	49,084
3	11	99 205	96 286,976	4 721 959,394	49,040	48,580
4	12	99 184	95 314,266	4 625 672,419	48,531	48,071
5	13	99 165	94 352,149	4 530 358,153	48,015	47,555
6	14	99 147	93 401,159	4 436 006,004	47,494	47,034
7	15	99 127	92 457,102	4 342 604,844	46,969	46,509
8	16	99 106	91 522,527	4 250 147,742	46,438	45,978
9	17	99 084	90 596,196	4 158 625,216	45,903	45,443
10	18	99 061	89 678,858	4 068 029,020	45,362	44,902
11	19	99 033	88 766,040	3 978 350,162	44,818	44,358
12	20	99 006	87 862,357	3 889 584,122	44,269	43,809
13	21	98 979	86 969,509	3 801 721,765	43,713	43,253
14	22	98 954	86 085,936	3 714 752,256	43,152	42,692
15	23	98 924	85 208,558	3 628 666,320	42,586	42,126
16	24	98 888	84 333,925	3 543 457,763	42,017	41,557
17	25	98 846	83 463,274	3 459 123,837	41,445	40,985
18	26	98 799	82 597,271	3 375 660,563	40,869	40,409
19	27	98 741	81 732,221	3 293 063,292	40,291	39,831
20	28	98 679	80 871,532	3 211 331,071	39,709	39,249
21	29	98 610	80 014,772	3 130 459,539	39,124	38,664
22	30	98 540	79 166,626	3 050 444,767	38,532	38,072
23	31	98 466	78 324,182	2 971 278,141	37,936	37,476
24	32	98 390	77 488,342	2 892 953,958	37,334	36,874
25	33	98 308	76 657,431	2 815 465,616	36,728	36,268
26	34	98 226	75 834,919	2 738 808,185	36,115	35,655
27	35	98 141	75 019,149	2 662 973,266	35,497	35,037
28	36	98 049	74 207,310	2 587 954,117	34,875	34,415
29	37	97 953	73 400,310	2 513 746,807	34,247	33,787
30	38	97 852	72 598,534	2 440 346,497	33,614	33,154
31	39	97 738	71 796,253	2 367 747,963	32,979	32,519
32	40	97 613	70 994,151	2 295 951,710	32,340	31,880
33	41	97 478	70 194,325	2 224 957,558	31,697	31,237
34	42	97 335	69 397,002	2 154 763,233	31,050	30,590
35	43	97 176	68 597,602	2 085 366,231	30,400	29,940
36	44	97 002	67 797,056	2 016 768,629	29,747	29,287
37	45	96 817	66 997,829	1 948 971,573	29,090	28,630
38	46	96 619	66 198,638	1 881 973,744	28,429	27,969
39	47	96 395	65 391,284	1 815 775,106	27,768	27,308
40	48	96 152	64 580,473	1 750 383,823	27,104	26,644
41	49	95 877	63 758,557	1 685 803,350	26,440	25,980
42	50	95 577	62 929,471	1 622 044,793	25,776	25,316
43	51	95 246	62 090,966	1 559 115,322	25,110	24,650
44	52	94 880	61 239,963	1 497 024,356	24,445	23,985
45	53	94 477	60 376,148	1 435 784,393	23,781	23,321
46	54	94 026	59 493,112	1 375 408,245	23,119	22,659
47	55	93 539	58 598,486	1 315 915,132	22,456	21,996
48	56	92 997	57 682,326	1 257 316,646	21,797	21,337
49	57	92 402	56 746,067	1 199 634,320	21,140	20,680
50	58	91 744	55 783,823	1 142 888,253	20,488	20,028
51	59	91 018	54 794,473	1 087 104,430	19,840	19,380
52	60	90 229	53 781,462	1 032 309,957	19,195	18,735
53	61	89 345	52 727,532	978 528,495	18,558	18,098
54	62	88 402	51 654,526	925 800,963	17,923	17,463
55	63	87 375	50 548,970	874 146,437	17,293	16,833
56	64	86 266	49 413,258	823 597,467	16,668	16,208
57	65	85 053	48 235,756	774 184,209	16,050	15,590
58	66	83 735	47 018,298	725 948,453	15,440	14,980
59	67	82 303	45 756,617	678 930,154	14,838	14,378
60	68	80 751	44 449,375	633 173,538	14,245	13,785
61	69	79 124	43 122,352	588 724,162	13,652	13,192
62	70	77 380	41 754,493	545 601,810	13,067	12,607
63	71	75 510	40 342,178	503 847,318	12,489	12,029
64	72	73 526	38 892,920	463 505,140	11,917	11,457
65	73	71 432	37 411,120	424 612,220	11,350	10,890
66	74	69 245	35 906,831	387 201,100	10,783	10,324
67	75	66 948	34 371,922	351 294,269	10,220	9,760
68	76	64 492	32 783,358	316 922,348	9,667	9,207
69	77	61 905	31 156,491	284 138,989	9,120	8,660
70	78	59 145	29 472,737	252 982,498	8,584	8,124
71	79	56 195	27 725,529	223 509,761	8,062	7,602
72	80	53 019	25 899,725	195 784,232	7,559	7,099
73	81	49 650	24 013,599	169 884,508	7,075	6,615
74	82	46 119	22 085,091	145 870,909	6,605	6,145
75	83	42 443	20 123,580	123 785,818	6,151	5,691
76	84	38 617	18 128,406	103 662,238	5,718	5,258
77	85	34 666	16 112,155	85 533,832	5,309	4,849
78	86	30 669	14 113,441	69 421,677	4,919	4,459
79	87	26 650	12 142,607	55 308,235	4,555	4,095
80	88	22 701	10 240,936	43 165,628	4,215	3,755
81	89	18 917	8 449,449	32 924,692	3,897	3,437
82	90	15 347	6 786,823	24 475,243	3,606	3,146
83	91	12 099	5 297,438	17 688,421	3,339	2,879
84	92	9 220	3 996,960	12 390,983	3,100	2,640
85	93	6 777	2 908,668	8 394,023	2,886	2,426
86	94	4 783	2 032,552	5 485,355	2,699	2,239
87	95	3 219	1 354,428	3 452,803	2,549	2,089
88	96	2 096	873,132	2 098,375	2,403	1,943
89	97	1 305	538,349	1 225,243	2,276	1,816
90	98	790	322,747	686,894	2,128	1,668
91	99	451	182,282	364,147	1,998	1,538
92	100	241	96,369	181,865	1,887	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	4 987 177,502	50,066	49,606
1	10	99 253	98 270,256	4 887 564,834	49,736	49,276
2	11	99 220	97 265,016	4 789 294,578	49,240	48,780
3	12	99 197	96 279,804	4 692 029,562	48,733	48,273
4	13	99 177	95 306,725	4 595 749,758	48,221	47,761
5	14	99 157	94 344,062	4 500 443,034	47,702	47,242
6	15	99 137	93 391,358	4 406 098,972	47,179	46,719
7	16	99 114	92 445,536	4 312 707,614	46,651	46,191
8	17	99 092	91 509,613	4 220 262,078	46,118	45,658
9	18	99 069	90 582,931	4 128 752,466	45,580	45,120
10	19	99 041	89 660,596	4 038 169,535	45,038	44,578
11	20	99 014	88 748,906	3 948 508,939	44,491	44,031
12	21	98 987	87 846,087	3 859 760,033	43,938	43,478
13	22	98 963	86 955,111	3 771 913,945	43,378	42,918
14	23	98 936	86 071,039	3 684 958,835	42,813	42,353
15	24	98 903	85 190,069	3 598 887,796	42,245	41,785
16	25	98 871	84 319,625	3 513 697,728	41,671	41,211
17	26	98 827	83 447,712	3 429 378,103	41,096	40,636
18	27	98 779	82 581,200	3 345 930,391	40,517	40,057
19	28	98 720	81 714,368	3 263 349,191	39,936	39,476
20	29	98 654	80 851,363	3 181 634,823	39,352	38,892
21	30	98 584	79 994,066	3 100 783,460	38,763	38,303
22	31	98 511	79 143,119	3 020 789,394	38,169	37,709
23	32	98 435	78 299,182	2 941 646,275	37,569	37,109
24	33	98 355	77 461,450	2 863 347,093	36,965	36,505
25	34	98 273	76 630,137	2 785 885,643	36,355	35,895
26	35	98 187	75 805,258	2 709 255,505	35,740	35,280
27	36	98 101	74 988,955	2 633 450,247	35,118	34,658
28	37	98 003	74 172,518	2 558 461,292	34,493	34,033
29	38	97 908	73 366,529	2 484 288,774	33,861	33,401
30	39	97 795	72 556,016	2 410 922,245	33,228	32,768
31	40	97 680	71 753,484	2 338 366,228	32,589	32,129
32	41	97 546	70 945,968	2 266 612,744	31,948	31,488
33	42	97 404	70 140,777	2 195 666,776	31,304	30,844
34	43	97 254	69 339,416	2 125 526,000	30,654	30,194
35	44	97 088	68 535,869	2 056 186,584	30,002	29,542
36	45	96 903	67 727,900	1 987 650,715	29,348	28,888
37	46	96 709	66 923,330	1 919 922,815	28,688	28,228
38	47	96 496	66 114,583	1 852 999,485	28,027	27,567
39	48	96 257	65 297,542	1 786 884,901	27,365	26,905
40	49	95 998	64 477,171	1 721 587,359	26,701	26,241
41	50	95 703	63 643,062	1 657 110,187	26,038	25,578
42	51	95 388	62 805,458	1 593 467,126	25,371	24,911
43	52	95 036	61 953,821	1 530 661,668	24,706	24,247
44	53	94 647	61 089,600	1 468 707,847	24,042	23,582
45	54	94 219	60 211,132	1 407 618,247	23,378	22,918
46	55	93 743	59 314,060	1 347 407,115	22,716	22,257
47	56	93 229	58 404,327	1 288 093,055	22,055	21,595
48	57	92 660	57 473,580	1 229 688,728	21,396	20,936
49	58	92 033	56 519,521	1 172 215,148	20,740	20,280

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	59	91 339	55 537,785	1 115 695,627	20,089	19,629
51	60	90 578	54 529,815	1 060 157,842	19,442	18,982
52	61	89 742	53 491,525	1 005 628,027	18,800	18,340
53	62	88 845	52 432,516	952 136,501	18,159	17,699
54	63	87 865	51 340,641	899 703,985	17,524	17,064
55	64	86 800	50 216,135	848 363,345	16,894	16,434
56	65	85 637	49 053,166	798 147,210	16,271	15,811
57	66	84 371	47 849,283	749 094,044	15,655	15,195
58	67	83 003	46 607,574	701 244,761	15,046	14,586
59	68	81 505	45 313,034	654 637,187	14,447	13,987
60	69	79 926	43 995,334	609 324,153	13,850	13,390
61	70	78 240	42 640,581	565 328,819	13,258	12,798
62	71	76 437	41 245,776	522 688,238	12,673	12,213
63	72	74 499	39 801,982	481 442,462	12,096	11,636
64	73	72 466	38 332,499	441 640,481	11,521	11,061
65	74	70 326	36 831,892	403 307,982	10,950	10,490
66	75	68 060	35 292,522	366 476,090	10,384	9,924
67	76	65 671	33 716,534	331 183,568	9,823	9,363
68	77	63 085	32 067,826	297 467,033	9,276	8,816
69	78	60 391	30 394,656	265 399,207	8,732	8,272
70	79	57 483	28 644,546	235 004,551	8,204	7,744
71	80	54 345	26 812,713	206 360,005	7,696	7,236
72	81	50 983	24 904,969	179 547,292	7,209	6,749
73	82	47 462	22 955,498	154 642,323	6,737	6,277
74	83	43 797	20 973,293	131 686,825	6,279	5,819
75	84	39 978	18 954,764	110 713,532	5,841	5,381
76	85	36 022	16 909,798	91 758,768	5,426	4,966
77	86	31 989	14 867,953	74 848,971	5,034	4,574
78	87	27 942	12 858,648	59 981,017	4,665	4,205
79	88	23 953	10 913,896	47 122,369	4,318	3,858
80	89	20 095	9 065,019	36 208,473	3,994	3,534
81	90	16 441	7 343,263	27 143,453	3,696	3,236
82	91	13 076	5 782,801	19 800,190	3,424	2,964
83	92	10 074	4 410,991	14 017,389	3,178	2,718
84	93	7 491	3 247,296	9 606,398	2,958	2,498
85	94	5 359	2 300,180	6 359,101	2,765	2,305
86	95	3 658	1 554,551	4 058,922	2,611	2,151
87	96	2 417	1 017,130	2 504,371	2,462	2,002
88	97	1 531	637,835	1 487,240	2,332	1,872
89	98	944	389,197	849,405	2,182	1,722
90	99	549	224,396	460,208	2,051	1,591
91	100	302	122,033	235,812	1,932	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	4 955 822,379	49,754	49,294
1	11	99 247	98 264,433	4 856 216,158	49,420	48,960
2	12	99 213	97 257,771	4 757 951,724	48,921	48,461
3	13	99 189	96 272,187	4 660 693,953	48,412	47,952
4	14	99 168	95 298,555	4 564 421,766	47,896	47,436
5	15	99 146	94 334,161	4 469 123,211	47,375	46,915
6	16	99 124	93 379,675	4 374 789,050	46,849	46,389
7	17	99 100	92 432,491	4 281 409,375	46,319	45,859
8	18	99 077	91 496,214	4 188 976,884	45,783	45,323
9	19	99 049	90 564,484	4 097 480,670	45,244	44,784
10	20	99 022	89 643,289	4 006 916,185	44,698	44,238
11	21	98 996	88 732,472	3 917 272,896	44,147	43,687
12	22	98 971	87 831,544	3 828 540,424	43,590	43,130
13	23	98 946	86 940,063	3 740 708,880	43,026	42,566
14	24	98 915	86 052,363	3 653 768,817	42,460	42,000
15	25	98 886	85 175,623	3 567 716,454	41,887	41,427
16	26	98 853	84 303,902	3 482 540,831	41,309	40,849
17	27	98 808	83 431,475	3 398 236,929	40,731	40,271
18	28	98 758	82 563,162	3 314 805,454	40,149	39,689
19	29	98 695	81 693,989	3 232 242,292	39,565	39,105
20	30	98 628	80 830,440	3 150 548,303	38,977	38,517
21	31	98 555	79 970,313	3 069 717,863	38,386	37,926
22	32	98 479	79 117,857	2 989 747,549	37,789	37,329
23	33	98 401	78 272,008	2 910 629,692	37,186	36,726
24	34	98 320	77 433,870	2 832 357,684	36,578	36,118
25	35	98 235	76 600,166	2 754 923,814	35,965	35,505
26	36	98 148	75 774,748	2 678 323,647	35,346	34,886
27	37	98 055	74 953,796	2 602 548,899	34,722	34,262
28	38	97 958	74 138,382	2 527 595,103	34,093	33,633
29	39	97 851	73 323,561	2 453 456,721	33,461	33,001
30	40	97 736	72 512,795	2 380 133,159	32,824	32,364
31	41	97 614	71 704,785	2 307 620,365	32,182	31,722
32	42	97 472	70 891,846	2 235 915,580	31,540	31,080
33	43	97 323	70 082,573	2 165 023,734	30,892	30,432
34	44	97 166	69 277,015	2 094 941,161	30,240	29,780
35	45	96 989	68 465,960	2 025 664,146	29,586	29,126
36	46	96 795	67 652,590	1 957 198,186	28,930	28,470
37	47	96 587	66 838,355	1 889 545,596	28,270	27,810
38	48	96 358	66 019,805	1 822 707,241	27,608	27,149
39	49	96 103	65 193,094	1 756 687,435	26,946	26,486
40	50	95 824	64 360,374	1 691 494,341	26,282	25,822
41	51	95 515	63 517,642	1 627 133,967	25,617	25,157
42	52	95 178	62 666,734	1 563 616,324	24,951	24,491
43	53	94 802	61 801,706	1 500 949,590	24,287	23,827
44	54	94 389	60 922,634	1 439 147,885	23,623	23,163
45	55	93 935	60 029,918	1 378 225,251	22,959	22,499
46	56	93 433	59 117,529	1 318 195,333	22,298	21,838
47	57	92 891	58 192,968	1 259 077,803	21,636	21,176
48	58	92 290	57 244,130	1 200 884,835	20,978	20,518
49	59	91 628	56 270,239	1 143 640,706	20,324	19,864
50	60	90 898	55 269,537	1 087 370,467	19,674	19,214
51	61	90 090	54 235,844	1 032 100,930	19,030	18,570
52	62	89 240	53 192,234	977 865,085	18,384	17,924
53	63	88 305	52 113,903	924 672,851	17,743	17,283
54	64	87 286	51 002,593	872 558,948	17,108	16,648
55	65	86 167	49 850,192	821 556,356	16,481	16,021
56	66	84 951	48 660,144	771 706,164	15,859	15,399
57	67	83 634	47 431,300	723 046,020	15,244	14,784
58	68	82 199	46 155,741	675 614,720	14,638	14,178
59	69	80 672	44 850,171	629 458,979	14,035	13,575
60	70	79 033	43 503,810	584 608,808	13,438	12,978
61	71	77 286	42 121,068	541 104,998	12,846	12,386
62	72	75 414	40 693,480	498 983,930	12,262	11,802
63	73	73 426	39 228,462	458 290,450	11,683	11,223
64	74	71 344	37 739,006	419 061,988	11,104	10,644
65	75	69 122	36 201,757	381 322,982	10,533	10,073
66	76	66 762	34 619,581	345 121,225	9,969	9,509
67	77	64 238	32 980,634	310 501,644	9,415	8,955
68	78	61 542	31 283,708	277 521,010	8,871	8,411
69	79	58 694	29 540,559	246 237,302	8,336	7,876
70	80	55 590	27 701,473	216 696,743	7,823	7,363
71	81	52 258	25 782,891	188 995,270	7,330	6,870
72	82	48 737	23 807,592	163 212,379	6,855	6,395
73	83	45 073	21 799,882	139 404,787	6,395	5,935
74	84	41 254	19 755,124	117 604,905	5,953	5,493
75	85	37 291	17 680,607	97 849,780	5,534	5,074
76	86	33 240	15 604,001	80 169,173	5,138	4,678
77	87	29 145	13 546,078	64 565,173	4,766	4,306
78	88	25 115	11 557,481	51 019,094	4,414	3,954
79	89	21 203	9 660,707	39 461,613	4,085	3,625
80	90	17 464	7 878,244	29 800,906	3,783	3,323
81	91	14 009	6 256,923	21 922,662	3,504	3,044
82	92	10 888	4 815,136	15 665,738	3,253	2,793
83	93	8 185	3 583,673	10 850,603	3,028	2,568
84	94	5 924	2 567,968	7 266,930	2,830	2,370
85	95	4 099	1 759,240	4 698,962	2,671	2,211
86	96	2 747	1 167,416	2 939,722	2,518	2,058
87	97	1 766	743,028	1 772,306	2,385	1,925
88	98	1 107	461,119	1 029,277	2,232	1,772
89	99	656	270,597	568,158	2,100	1,640
90	100	368	150,227	297,561	1,981	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	4 923 081,360	49,428	48,968
1	12	99 240	98 257,114	4 823 481,041	49,090	48,630
2	13	99 205	97 250,077	4 725 223,927	48,588	48,128
3	14	99 181	96 263,934	4 627 973,850	48,076	47,616
4	15	99 158	95 288,555	4 531 709,916	47,558	47,098
5	16	99 134	94 322,360	4 436 421,361	47,035	46,575
6	17	99 110	93 366,499	4 342 099,001	46,506	46,046
7	18	99 086	92 418,957	4 248 732,502	45,973	45,513
8	19	99 057	91 477,581	4 156 313,545	45,435	44,975
9	20	99 030	90 547,003	4 064 835,963	44,892	44,432
10	21	99 004	89 626,690	3 974 288,960	44,343	43,883
11	22	98 980	88 717,782	3 884 662,270	43,787	43,327
12	23	98 954	87 816,345	3 795 944,488	43,226	42,766
13	24	98 924	86 921,199	3 708 128,143	42,661	42,201
14	25	98 898	86 037,771	3 621 206,944	42,089	41,629
15	26	98 868	85 159,741	3 535 169,173	41,512	41,052
16	27	98 834	84 287,499	3 450 009,432	40,931	40,471
17	28	98 787	83 413,251	3 365 721,933	40,350	39,890
18	29	98 733	82 542,571	3 282 308,682	39,765	39,305
19	30	98 670	81 672,848	3 199 766,111	39,178	38,718
20	31	98 599	80 806,439	3 118 093,263	38,587	38,127
21	32	98 523	79 944,787	3 037 286,824	37,992	37,532
22	33	98 445	79 090,399	2 957 342,037	37,392	36,932
23	34	98 366	78 244,140	2 878 251,637	36,786	36,326
24	35	98 282	77 403,585	2 800 007,497	36,174	35,714
25	36	98 195	76 569,336	2 722 603,912	35,557	35,097
26	37	98 102	75 739,221	2 646 034,577	34,936	34,476
27	38	98 010	74 919,301	2 570 295,355	34,308	33,848
28	39	97 901	74 094,962	2 495 376,054	33,678	33,218
29	40	97 792	73 279,882	2 421 281,092	33,042	32,582
30	41	97 670	72 463,580	2 348 001,210	32,403	31,943
31	42	97 539	71 650,084	2 275 537,629	31,759	31,299
32	43	97 391	70 833,019	2 203 887,545	31,114	30,654
33	44	97 235	70 019,503	2 133 054,526	30,464	30,004
34	45	97 067	69 206,350	2 063 035,023	29,810	29,350
35	46	96 881	68 389,829	1 993 828,673	29,154	28,694
36	47	96 672	67 566,689	1 925 438,844	28,497	28,037
37	48	96 448	66 742,540	1 857 872,155	27,836	27,376
38	49	96 204	65 914,202	1 791 129,615	27,174	26,714
39	50	95 929	65 075,000	1 725 215,414	26,511	26,051
40	51	95 635	64 233,541	1 660 140,413	25,845	25,385
41	52	95 304	63 377,346	1 595 906,872	25,181	24,721
42	53	94 944	62 512,869	1 532 529,526	24,515	24,055
43	54	94 543	61 632,793	1 470 016,657	23,851	23,391
44	55	94 104	60 739,279	1 408 383,864	23,187	22,727
45	56	93 624	59 831,016	1 347 644,585	22,524	22,064
46	57	93 095	58 903,590	1 287 813,570	21,863	21,403
47	58	92 520	57 960,646	1 228 909,980	21,202	20,743
48	59	91 883	56 991,651	1 170 949,335	20,546	20,086
49	60	91 185	55 998,453	1 113 957,684	19,893	19,433
50	61	90 408	54 971,578	1 057 959,230	19,246	18,786
51	62	89 586	53 932,389	1 002 987,652	18,597	18,137
52	63	88 698	52 869,005	949 055,263	17,951	17,491
53	64	87 724	51 770,763	896 186,259	17,311	16,851
54	65	86 650	50 630,919	844 415,496	16,678	16,218
55	66	85 477	49 450,784	793 784,577	16,052	15,592
56	67	84 209	48 235,078	744 333,793	15,431	14,971
57	68	82 823	46 971,482	696 098,715	14,820	14,360
58	69	81 359	45 684,270	649 127,234	14,209	13,749
59	70	79 771	44 349,096	603 442,964	13,607	13,147
60	71	78 070	42 973,780	559 093,868	13,010	12,550
61	72	76 252	41 557,052	516 120,088	12,420	11,960
62	73	74 327	40 107,115	474 563,036	11,832	11,372
63	74	72 289	38 621,097	434 455,921	11,249	10,789
64	75	70 124	37 093,352	395 834,824	10,671	10,211
65	76	67 804	35 511,479	358 741,473	10,102	9,642
66	77	65 305	33 863,971	323 229,993	9,545	9,085
67	78	62 667	32 174,196	289 366,022	8,994	8,534
68	79	59 813	30 404,628	257 191,827	8,459	7,999
69	80	56 762	28 567,987	226 787,199	7,939	7,479
70	81	53 455	26 637,516	198 219,212	7,441	6,981
71	82	49 955	24 646,831	171 581,697	6,962	6,502
72	83	46 283	22 609,081	146 934,866	6,499	6,039
73	84	42 455	20 533,703	124 325,785	6,055	5,595
74	85	38 480	18 427,166	103 792,082	5,633	5,173
75	86	34 411	16 315,287	85 364,915	5,232	4,772
76	87	30 285	14 216,685	69 049,628	4,857	4,397
77	88	26 196	12 175,350	54 832,943	4,504	4,044
78	89	22 231	10 230,392	42 657,593	4,170	3,710
79	90	18 427	8 395,946	32 427,200	3,862	3,402
80	91	14 880	6 712,761	24 031,255	3,580	3,120
81	92	11 664	5 209,921	17 318,494	3,324	2,864
82	93	8 846	3 912,017	12 108,573	3,095	2,635
83	94	6 472	2 833,975	8 196,556	2,892	2,432
84	95	4 531	1 964,052	5 362,581	2,730	2,270
85	96	3 078	1 321,131	3 398,530	2,572	2,112
86	97	2 007	852,814	2 077,399	2,436	1,976
87	98	1 277	537,168	1 224,585	2,280	1,820
88	99	770	320,602	687,416	2,144	1,684
89	100	439	181,157	366,814	2,025	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	4 888 978,361	49,090	48,630
1	13	99 232	98 249,341	4 789 385,460	48,747	48,287
2	14	99 196	97 241,740	4 691 136,119	48,242	47,782
3	15	99 170	96 253,833	4 593 894,379	47,727	47,267
4	16	99 145	95 276,634	4 497 640,546	47,206	46,746
5	17	99 120	94 309,051	4 402 363,912	46,680	46,220
6	18	99 096	93 352,828	4 308 054,861	46,148	45,688
7	19	99 065	92 400,137	4 214 702,033	45,614	45,154
8	20	99 038	91 459,924	4 122 301,896	45,072	44,612
9	21	99 012	90 530,237	4 030 841,972	44,525	44,065
10	22	98 987	89 611,852	3 940 311,735	43,971	43,511
11	23	98 962	88 702,430	3 850 699,883	43,411	42,951
12	24	98 932	87 797,290	3 761 997,453	42,849	42,389
13	25	98 908	86 906,459	3 674 200,163	42,278	41,818
14	26	98 880	86 021,728	3 587 293,704	41,702	41,242
15	27	98 849	85 143,171	3 501 271,976	41,122	40,662
16	28	98 812	84 269,088	3 416 128,804	40,538	40,078
17	29	98 762	83 392,448	3 331 859,716	39,954	39,494
18	30	98 708	82 521,211	3 248 467,268	39,365	38,905
19	31	98 640	81 648,596	3 165 946,057	38,775	38,315
20	32	98 568	80 780,646	3 084 297,460	38,181	37,721
21	33	98 489	79 917,043	3 003 516,814	37,583	37,123
22	34	98 410	79 062,240	2 923 599,772	36,978	36,518
23	35	98 327	78 213,537	2 844 537,532	36,369	35,909
24	36	98 242	77 372,431	2 766 323,995	35,753	35,293
25	37	98 149	76 533,437	2 688 951,564	35,134	34,674
26	38	98 057	75 704,364	2 612 418,127	34,508	34,048
27	39	97 953	74 875,424	2 536 713,763	33,879	33,419
28	40	97 843	74 050,824	2 461 838,339	33,245	32,785
29	41	97 726	73 230,147	2 387 787,515	32,607	32,147
30	42	97 595	72 408,301	2 314 557,368	31,965	31,505
31	43	97 458	71 590,628	2 242 149,067	31,319	30,859
32	44	97 304	70 769,274	2 170 558,439	30,671	30,211
33	45	97 136	69 948,081	2 099 789,165	30,019	29,559
34	46	96 959	69 129,395	2 029 841,084	29,363	28,903
35	47	96 758	68 302,992	1 960 711,689	28,706	28,246
36	48	96 534	67 469,830	1 892 408,697	28,048	27,588
37	49	96 294	66 635,780	1 824 938,867	27,387	26,927
38	50	96 029	65 794,802	1 758 303,087	26,724	26,264
39	51	95 739	64 946,759	1 692 508,286	26,060	25,600
40	52	95 424	64 091,664	1 627 561,527	25,394	24,934
41	53	95 070	63 221,736	1 563 469,863	24,730	24,270
42	54	94 684	62 342,012	1 500 248,127	24,065	23,605
43	55	94 259	61 447,301	1 437 906,115	23,401	22,941
44	56	93 793	60 538,026	1 376 458,815	22,737	22,277
45	57	93 285	59 614,494	1 315 920,789	22,074	21,614
46	58	92 723	58 668,430	1 256 306,295	21,414	20,954
47	59	92 112	57 705,007	1 197 637,865	20,754	20,295
48	60	91 440	56 716,381	1 139 932,858	20,099	19,639
49	61	90 693	55 696,564	1 083 216,477	19,449	18,989
50	62	89 902	54 664,006	1 027 519,912	18,797	18,337
51	63	89 042	53 604,661	972 855,906	18,149	17,689
52	64	88 114	52 520,893	919 251,244	17,503	17,043
53	65	87 085	51 393,491	866 730,351	16,865	16,405
54	66	85 956	50 225,256	815 336,860	16,234	15,774
55	67	84 730	49 018,811	765 111,604	15,609	15,149
56	68	83 393	47 767,467	716 092,794	14,991	14,531
57	69	81 977	46 491,678	668 325,327	14,375	13,915
58	70	80 450	45 173,877	621 833,649	13,765	13,305
59	71	78 799	43 808,768	576 659,772	13,163	12,703
60	72	77 025	42 398,346	532 851,004	12,568	12,108
61	73	75 153	40 958,243	490 452,659	11,974	11,514
62	74	73 176	39 486,146	449 494,416	11,384	10,924
63	75	71 052	37 960,352	410 008,270	10,801	10,341
64	76	68 786	36 386,073	372 047,919	10,225	9,765
65	77	66 325	34 736,403	335 661,846	9,663	9,203
66	78	63 708	33 035,933	300 925,443	9,109	8,649
67	79	60 906	31 270,093	267 889,510	8,567	8,107
68	80	57 843	29 403,607	236 619,417	8,047	7,587
69	81	54 581	27 470,748	207 215,809	7,543	7,083
70	82	51 100	25 463,798	179 745,061	7,059	6,599
71	83	47 440	23 406,071	154 281,263	6,592	6,132
72	84	43 595	21 295,902	130 875,192	6,146	5,686
73	85	39 601	19 153,409	109 579,290	5,721	5,261
74	86	35 509	17 004,196	90 425,881	5,318	4,858
75	87	31 352	14 864,733	73 421,685	4,939	4,479
76	88	27 220	12 778,098	58 556,952	4,583	4,123
77	89	23 188	10 777,315	45 778,854	4,248	3,788
78	90	19 321	8 891,049	35 001,539	3,937	3,477
79	91	15 701	7 153,875	26 110,490	3,650	3,190
80	92	12 390	5 589,481	18 956,615	3,391	2,932
81	93	9 477	4 232,757	13 367,134	3,158	2,698
82	94	6 996	3 093,629	9 134,377	2,953	2,493
83	95	4 950	2 167,501	6 040,748	2,787	2,327
84	96	3 402	1 474,937	3 873,247	2,626	2,166
85	97	2 248	965,105	2 398,309	2,485	2,025
86	98	1 451	616,537	1 433,204	2,325	1,865
87	99	888	373,477	816,667	2,187	1,727
88	100	515	214,635	443,190	2,065	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	4 853 542,026	48,738	48,278
1	14	99 223	98 240,919	4 753 957,004	48,391	47,931
2	15	99 186	97 231,536	4 655 716,086	47,883	47,423
3	16	99 158	96 241,791	4 558 484,549	47,365	46,905
4	17	99 131	95 263,190	4 462 242,758	46,841	46,381
5	18	99 105	94 295,242	4 366 979,568	46,312	45,852
6	19	99 076	93 333,818	4 272 684,325	45,779	45,319
7	20	99 046	92 382,302	4 179 350,508	45,240	44,780
8	21	99 020	91 442,988	4 086 968,206	44,694	44,234
9	22	98 995	90 515,249	3 995 525,218	44,142	43,682
10	23	98 970	89 596,345	3 905 009,969	43,584	43,124
11	24	98 941	88 683,183	3 815 413,624	43,023	42,563
12	25	98 915	87 782,402	3 726 730,441	42,454	41,994
13	26	98 889	86 890,255	3 638 948,039	41,880	41,420
14	27	98 861	86 004,991	3 552 057,784	41,301	40,841
15	28	98 827	85 124,574	3 466 052,794	40,717	40,257
16	29	98 787	84 248,072	3 380 928,220	40,131	39,671
17	30	98 736	83 370,868	3 296 680,148	39,542	39,082
18	31	98 678	82 496,707	3 213 309,280	38,951	38,491
19	32	98 609	81 622,535	3 130 812,572	38,357	37,897
20	33	98 534	80 752,611	3 049 190,037	37,760	37,300
21	34	98 454	79 888,588	2 968 437,426	37,157	36,697
22	35	98 372	79 031,317	2 888 548,838	36,549	36,089
23	36	98 288	78 182,058	2 809 517,521	35,936	35,476
24	37	98 196	77 336,155	2 731 335,463	35,318	34,858
25	38	98 104	76 498,214	2 653 999,308	34,694	34,234
26	39	97 999	75 660,027	2 577 501,094	34,067	33,607
27	40	97 894	74 830,820	2 501 841,066	33,433	32,973
28	41	97 776	74 000,566	2 427 010,246	32,797	32,337
29	42	97 651	73 174,283	2 353 009,681	32,156	31,696
30	43	97 514	72 348,215	2 279 835,398	31,512	31,052
31	44	97 371	71 526,202	2 207 487,182	30,863	30,403
32	45	97 204	70 697,087	2 135 960,980	30,213	29,753
33	46	97 028	69 870,302	2 065 263,894	29,559	29,099
34	47	96 836	69 041,619	1 995 393,592	28,901	28,441
35	48	96 619	68 205,077	1 926 351,973	28,244	27,784
36	49	96 379	67 361,907	1 858 146,896	27,585	27,125
37	50	96 119	66 515,073	1 790 784,989	26,923	26,463
38	51	95 840	65 665,142	1 724 269,917	26,259	25,799
39	52	95 528	64 803,306	1 658 604,775	25,594	25,134
40	53	95 189	63 934,299	1 593 801,469	24,929	24,469
41	54	94 810	63 048,942	1 529 867,170	24,265	23,805
42	55	94 399	62 154,385	1 466 818,228	23,600	23,140
43	56	93 946	61 243,702	1 404 663,842	22,936	22,476
44	57	93 453	60 318,946	1 343 420,141	22,272	21,812
45	58	92 913	59 376,496	1 283 101,195	21,610	21,150
46	59	92 314	58 409,670	1 223 724,699	20,951	20,491
47	60	91 667	57 426,291	1 165 315,029	20,292	19,832
48	61	90 947	56 410,622	1 107 888,738	19,640	19,180
49	62	90 186	55 384,936	1 051 478,116	18,985	18,525
50	63	89 356	54 331,833	996 093,179	18,334	17,874
51	64	88 455	53 251,706	941 761,346	17,685	17,225
52	65	87 472	52 138,155	888 509,640	17,041	16,581
53	66	86 387	50 981,718	836 371,485	16,405	15,945
54	67	85 205	49 786,517	785 389,767	15,775	15,315
55	68	83 909	48 543,603	735 603,250	15,153	14,693
56	69	82 541	47 279,533	687 059,647	14,532	14,072
57	70	81 061	45 972,264	639 780,115	13,917	13,457
58	71	79 470	44 623,500	593 807,851	13,307	12,847
59	72	77 744	43 222,152	549 184,351	12,706	12,246
60	73	75 915	41 787,414	505 962,199	12,108	11,648
61	74	73 989	40 324,096	464 174,785	11,511	11,051
62	75	71 924	38 810,601	423 850,689	10,921	10,461
63	76	69 697	37 236,541	385 040,088	10,340	9,880
64	77	67 285	35 591,908	347 803,547	9,772	9,312
65	78	64 703	33 887,032	312 211,639	9,213	8,753
66	79	61 918	32 107,616	278 324,607	8,668	8,209
67	80	58 901	30 240,579	246 216,991	8,142	7,682
68	81	55 622	28 274,274	215 976,413	7,639	7,179
69	82	52 176	26 260,316	187 702,138	7,148	6,688
70	83	48 527	24 181,911	161 441,822	6,676	6,216
71	84	44 685	22 046,602	137 259,911	6,226	5,766
72	85	40 664	19 864,372	115 213,309	5,800	5,340
73	86	36 543	17 674,357	95 348,937	5,395	4,935
74	87	32 352	15 492,393	77 674,580	5,014	4,554
75	88	28 179	13 360,570	62 182,188	4,654	4,194
76	89	24 095	11 310,852	48 821,618	4,316	3,856
77	90	20 152	9 366,369	37 510,765	4,005	3,545
78	91	16 462	7 575,734	28 144,396	3,715	3,255
79	92	13 074	5 956,782	20 568,662	3,453	2,993
80	93	10 066	4 541,127	14 611,881	3,218	2,758
81	94	7 494	3 347,271	10 070,754	3,009	2,549
82	95	5 350	2 366,092	6 723,483	2,842	2,382
83	96	3 718	1 627,721	4 357,390	2,677	2,217
84	97	2 485	1 077,463	2 729,669	2,533	2,073
85	98	1 626	697,717	1 652,206	2,368	1,908
86	99	1 009	428,660	954,489	2,227	1,767
87	100	594	250,032	525,829	2,103	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	4 816 801,636	48,373	47,913
1	15	99 213	98 230,610	4 717 225,151	48,022	47,562
2	16	99 173	97 219,372	4 618 994,541	47,511	47,051
3	17	99 144	96 228,211	4 521 775,169	46,990	46,530
4	18	99 117	95 249,242	4 425 546,957	46,463	46,003
5	19	99 085	94 276,040	4 330 297,715	45,932	45,472
6	20	99 057	93 315,802	4 236 021,675	45,394	44,934
7	21	99 028	92 365,195	4 142 705,873	44,851	44,391
8	22	99 003	91 427,849	4 050 340,678	44,301	43,841
9	23	98 978	90 499,586	3 958 912,829	43,745	43,285
10	24	98 949	89 576,904	3 868 413,243	43,185	42,725
11	25	98 924	88 668,145	3 778 836,339	42,618	42,158
12	26	98 897	87 766,034	3 690 168,195	42,046	41,586
13	27	98 870	86 873,348	3 602 402,160	41,467	41,007
14	28	98 839	85 986,205	3 515 528,812	40,885	40,425
15	29	98 802	85 103,344	3 429 542,607	40,299	39,839
16	30	98 762	84 226,271	3 344 439,263	39,708	39,248
17	31	98 707	83 346,112	3 260 212,993	39,117	38,657
18	32	98 647	82 470,375	3 176 866,880	38,521	38,061
19	33	98 575	81 594,208	3 094 396,505	37,924	37,464
20	34	98 498	80 723,860	3 012 802,298	37,322	36,862
21	35	98 416	79 857,343	2 932 078,438	36,716	36,256
22	36	98 332	78 999,508	2 852 221,095	36,104	35,644
23	37	98 242	78 145,402	2 773 221,587	35,488	35,028
24	38	98 151	77 300,563	2 695 076,185	34,865	34,405
25	39	98 046	76 453,412	2 617 775,621	34,240	33,780
26	40	97 941	75 614,956	2 541 322,209	33,609	33,149
27	41	97 828	74 780,033	2 465 707,253	32,973	32,513
28	42	97 702	73 944,114	2 390 927,220	32,334	31,874
29	43	97 570	73 113,562	2 316 983,107	31,690	31,230
30	44	97 427	72 283,107	2 243 869,545	31,043	30,583
31	45	97 271	71 453,242	2 171 586,438	30,392	29,932
32	46	97 096	70 618,475	2 100 133,196	29,739	29,279
33	47	96 905	69 781,585	2 029 514,721	29,084	28,624
34	48	96 697	68 942,645	1 959 733,136	28,426	27,966
35	49	96 465	68 095,978	1 890 790,491	27,767	27,307
36	50	96 205	67 239,884	1 822 694,513	27,107	26,647
37	51	95 930	66 383,994	1 755 454,629	26,444	25,984
38	52	95 628	65 520,102	1 689 070,635	25,779	25,319
39	53	95 293	64 644,194	1 623 550,533	25,115	24,655
40	54	94 929	63 759,558	1 558 906,339	24,450	23,990
41	55	94 525	62 859,187	1 495 146,781	23,786	23,326
42	56	94 087	61 948,444	1 432 287,594	23,121	22,661
43	57	93 606	61 022,068	1 370 339,150	22,456	21,996
44	58	93 080	60 078,136	1 309 317,082	21,794	21,334
45	59	92 503	59 114,613	1 249 238,947	21,132	20,673
46	60	91 868	58 127,551	1 190 124,334	20,474	20,014
47	61	91 173	57 116,705	1 131 996,783	19,819	19,359
48	62	90 438	56 094,999	1 074 880,078	19,162	18,702
49	63	89 638	55 048,382	1 018 785,079	18,507	18,047
50	64	88 768	53 974,090	963 736,697	17,856	17,396
51	65	87 811	52 863,642	909 762,607	17,210	16,750
52	66	86 771	51 720,416	856 898,965	16,568	16,108
53	67	85 632	50 536,372	805 178,549	15,933	15,473
54	68	84 379	49 303,866	754 642,178	15,306	14,846
55	69	83 052	48 047,740	705 338,312	14,680	14,220
56	70	81 619	46 751,317	657 290,572	14,059	13,599
57	71	80 074	45 412,160	610 539,255	13,444	12,984
58	72	78 406	44 025,975	565 127,095	12,836	12,376
59	73	76 624	42 599,350	521 101,121	12,233	11,773
60	74	74 740	41 140,430	478 501,770	11,631	11,171
61	75	72 723	39 634,215	437 361,341	11,035	10,575
62	76	70 553	38 070,578	397 727,126	10,447	9,987
63	77	68 176	36 423,814	359 656,547	9,874	9,414
64	78	65 640	34 721,619	323 232,734	9,309	8,849
65	79	62 885	32 934,799	288 511,115	8,760	8,300
66	80	59 880	31 050,527	255 576,316	8,231	7,771
67	81	56 639	29 079,099	224 525,789	7,721	7,261
68	82	53 171	27 028,437	195 446,690	7,231	6,771
69	83	49 550	24 938,331	168 418,253	6,753	6,293
70	84	45 709	22 777,379	143 479,922	6,299	5,839
71	85	41 681	20 564,609	120 702,542	5,869	5,409
72	86	37 524	18 330,419	100 137,934	5,463	5,003
73	87	33 294	16 102,971	81 807,515	5,080	4,620
74	88	29 078	13 924,717	65 704,544	4,719	4,259
75	89	24 943	11 826,442	51 779,827	4,378	3,918
76	90	20 940	9 830,057	39 953,386	4,064	3,604
77	91	17 171	7 980,737	30 123,329	3,775	3,315
78	92	13 708	6 308,049	22 142,592	3,510	3,050
79	93	10 622	4 839,537	15 834,543	3,272	2,812
80	94	7 961	3 591,131	10 995,006	3,062	2,602
81	95	5 732	2 560,085	7 403,875	2,892	2,432
82	96	4 018	1 776,857	4 843,790	2,726	2,266
83	97	2 716	1 189,074	3 066,934	2,579	2,119
84	98	1 797	778,946	1 877,860	2,411	1,951
85	99	1 130	485,102	1 098,914	2,265	1,805
86	100	675	286,976	613,813	2,139	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	4 778 787,601	47,996	47,536
1	16	99 201	98 218,321	4 679 221,565	47,641	47,181
2	17	99 159	97 205,654	4 581 003,244	47,127	46,667
3	18	99 130	96 214,122	4 483 797,590	46,602	46,142
4	19	99 097	95 229,845	4 387 583,468	46,074	45,614
5	20	99 066	94 257,842	4 292 353,623	45,538	45,078
6	21	99 038	93 298,523	4 198 095,780	44,996	44,536
7	22	99 012	92 349,904	4 104 797,257	44,448	43,988
8	23	98 986	91 412,028	4 012 447,354	43,894	43,434
9	24	98 957	90 479,949	3 921 035,326	43,336	42,876
10	25	98 932	89 561,714	3 830 555,377	42,770	42,310
11	26	98 906	88 651,612	3 740 993,663	42,199	41,739
12	27	98 878	87 748,958	3 652 342,051	41,623	41,163
13	28	98 848	86 854,373	3 564 593,094	41,041	40,581
14	29	98 814	85 964,760	3 477 738,721	40,455	39,995
15	30	98 777	85 081,321	3 391 773,961	39,865	39,405
16	31	98 733	84 201,261	3 306 692,640	39,271	38,811
17	32	98 676	83 319,509	3 222 491,379	38,676	38,216
18	33	98 612	82 441,754	3 139 171,870	38,077	37,617
19	34	98 540	81 565,156	3 056 730,116	37,476	37,016
20	35	98 460	80 692,287	2 975 164,960	36,870	36,411
21	36	98 376	79 825,201	2 894 472,673	36,260	35,800
22	37	98 286	78 962,470	2 814 647,471	35,645	35,185
23	38	98 196	78 109,438	2 735 685,002	35,024	34,564
24	39	98 094	77 255,292	2 657 575,564	34,400	33,940
25	40	97 988	76 407,869	2 580 320,272	33,770	33,310
26	41	97 874	75 563,637	2 503 912,404	33,136	32,676
27	42	97 753	74 722,986	2 428 348,767	32,498	32,038
28	43	97 621	73 882,754	2 353 625,781	31,856	31,396
29	44	97 483	73 047,765	2 279 743,027	31,209	30,749
30	45	97 327	72 209,375	2 206 695,262	30,560	30,100
31	46	97 163	71 373,789	2 134 485,887	29,906	29,446
32	47	96 973	70 528,808	2 063 112,098	29,252	28,792
33	48	96 766	69 681,550	1 992 583,290	28,596	28,136
34	49	96 543	68 832,366	1 922 901,739	27,936	27,476
35	50	96 290	67 972,625	1 854 069,373	27,277	26,817
36	51	96 015	67 107,377	1 786 096,748	26,616	26,156
37	52	95 718	66 237,366	1 718 989,371	25,952	25,492
38	53	95 394	65 359,230	1 652 752,005	25,287	24,827
39	54	95 033	64 467,513	1 587 392,775	24,623	24,163
40	55	94 644	63 567,665	1 522 925,262	23,958	23,498
41	56	94 211	62 650,910	1 459 357,597	23,293	22,833
42	57	93 746	61 724,259	1 396 706,687	22,628	22,168
43	58	93 233	60 778,451	1 334 982,428	21,965	21,505
44	59	92 670	59 813,158	1 274 203,977	21,303	20,843
45	60	92 056	58 829,089	1 214 390,819	20,643	20,183
46	61	91 373	57 814,184	1 155 561,730	19,988	19,528
47	62	90 663	56 797,131	1 097 747,546	19,328	18,868
48	63	89 888	55 754,130	1 040 950,415	18,670	18,210
49	64	89 048	54 685,921	985 196,285	18,016	17,556
50	65	88 121	53 580,762	930 510,364	17,367	16,907
51	66	87 107	52 440,090	876 929,603	16,723	16,263
52	67	86 013	51 268,616	824 489,513	16,082	15,622
53	68	84 802	50 046,452	773 220,897	15,450	14,990
54	69	83 517	48 800,238	723 174,445	14,819	14,359
55	70	82 124	47 510,941	674 374,208	14,194	13,734
56	71	80 625	46 181,721	626 863,266	13,574	13,114
57	72	79 002	44 804,074	580 681,545	12,960	12,500
58	73	77 276	43 391,590	535 877,471	12,350	11,890
59	74	75 438	41 939,795	492 485,881	11,743	11,283
60	75	73 461	40 436,582	450 546,086	11,142	10,682
61	76	71 337	38 878,488	410 109,504	10,548	10,089
62	77	69 013	37 239,647	371 231,015	9,969	9,509
63	78	66 509	35 533,183	333 991,368	9,399	8,939
64	79	63 795	33 745,933	298 458,185	8,844	8,384
65	80	60 814	31 850,476	264 712,253	8,311	7,851
66	81	57 580	29 857,939	232 861,776	7,799	7,339
67	82	54 143	27 797,799	203 003,837	7,303	6,843
68	83	50 494	25 667,784	175 206,038	6,826	6,366
69	84	46 672	23 489,865	149 538,254	6,366	5,906
70	85	42 636	21 246,263	126 048,389	5,933	5,473
71	86	38 462	18 976,582	104 802,126	5,523	5,063
72	87	34 188	16 700,704	85 825,544	5,139	4,679
73	88	29 925	14 473,511	69 124,840	4,776	4,316
74	89	25 739	12 325,810	54 651,329	4,434	3,974
75	90	21 678	10 278,146	42 325,519	4,118	3,658
76	91	17 842	8 375,828	32 047,373	3,826	3,366
77	92	14 297	6 645,280	23 671,544	3,562	3,102
78	93	11 137	5 124,921	17 026,264	3,322	2,862
79	94	8 400	3 827,114	11 901,343	3,110	2,650
80	95	6 088	2 746,595	8 074,229	2,940	2,480
81	96	4 304	1 922,538	5 327,633	2,771	2,311
82	97	2 935	1 298,019	3 405,095	2,623	2,163
83	98	1 963	859,634	2 107,076	2,451	1,991
84	99	1 249	541,577	1 247,442	2,303	1,843
85	100	757	324,762	705,864	2,173	1,714

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	4 739 531,820	47,608	47,148
1	17	99 187	98 204,462	4 639 978,239	47,248	46,788
2	18	99 145	97 191,422	4 541 773,777	46,730	46,270
3	19	99 109	96 194,529	4 444 582,356	46,204	45,744
4	20	99 077	95 211,464	4 348 387,827	45,671	45,211
5	21	99 048	94 240,389	4 253 176,363	45,131	44,671
6	22	99 022	93 283,077	4 158 935,974	44,584	44,124
7	23	98 994	92 333,923	4 065 652,898	44,032	43,572
8	24	98 965	91 392,193	3 973 318,975	43,475	43,015
9	25	98 940	90 464,606	3 881 926,782	42,911	42,451
10	26	98 913	89 545,014	3 791 462,176	42,341	41,881
11	27	98 887	88 634,362	3 701 917,162	41,766	41,306
12	28	98 856	87 729,791	3 613 282,799	41,186	40,727
13	29	98 824	86 832,712	3 525 553,009	40,602	40,142
14	30	98 789	85 942,514	3 438 720,297	40,012	39,552
15	31	98 747	85 056,057	3 352 777,783	39,418	38,958
16	32	98 701	84 174,384	3 267 721,725	38,821	38,361
17	33	98 641	83 290,593	3 183 547,341	38,222	37,762
18	34	98 577	82 412,401	3 100 256,748	37,619	37,159
19	35	98 501	81 533,255	3 017 844,347	37,014	36,554
20	36	98 420	80 659,810	2 936 311,092	36,404	35,944
21	37	98 330	79 787,776	2 855 651,282	35,791	35,331
22	38	98 241	78 926,129	2 775 863,507	35,170	34,710
23	39	98 139	78 063,692	2 696 937,377	34,548	34,088
24	40	98 035	77 209,270	2 618 873,685	33,919	33,459
25	41	97 921	76 356,011	2 541 664,415	33,287	32,827
26	42	97 800	75 505,992	2 465 308,404	32,651	32,191
27	43	97 672	74 660,980	2 389 802,412	32,009	31,549
28	44	97 533	73 816,265	2 315 141,432	31,364	30,904
29	45	97 383	72 973,253	2 241 325,168	30,714	30,254
30	46	97 219	72 129,082	2 168 351,914	30,062	29,602
31	47	97 040	71 283,164	2 096 222,833	29,407	28,947
32	48	96 834	70 427,702	2 024 939,669	28,752	28,292
33	49	96 611	69 570,089	1 954 511,967	28,094	27,634
34	50	96 368	68 707,680	1 884 941,878	27,434	26,974
35	51	96 100	67 838,674	1 816 234,198	26,773	26,313
36	52	95 803	66 959,151	1 748 395,524	26,111	25,651
37	53	95 483	66 074,733	1 681 436,373	25,447	24,988
38	54	95 133	65 180,594	1 615 361,639	24,783	24,323
39	55	94 747	64 273,489	1 550 181,045	24,119	23,659
40	56	94 330	63 357,040	1 485 907,556	23,453	22,993
41	57	93 871	62 424,184	1 422 550,515	22,788	22,328
42	58	93 372	61 477,839	1 360 126,332	22,124	21,664
43	59	92 822	60 510,384	1 298 648,493	21,462	21,002
44	60	92 222	59 524,260	1 238 138,109	20,801	20,341
45	61	91 560	58 511,940	1 178 613,849	20,143	19,683
46	62	90 862	57 490,707	1 120 101,909	19,483	19,023
47	63	90 112	56 451,996	1 062 611,201	18,823	18,363
48	64	89 296	55 387,021	1 006 159,205	18,166	17,706
49	65	88 399	54 287,405	950 772,184	17,514	17,054
50	66	87 415	53 151,464	896 484,779	16,867	16,407
51	67	86 346	51 982,004	843 333,315	16,224	15,764
52	68	85 179	50 771,597	791 351,311	15,586	15,127
53	69	83 936	49 535,238	740 579,714	14,951	14,491
54	70	82 584	48 255,032	691 044,476	14,321	13,861
55	71	81 123	46 932,091	642 789,444	13,696	13,236
56	72	79 545	45 563,331	595 857,353	13,078	12,618
57	73	77 863	44 158,478	550 294,022	12,462	12,002
58	74	76 080	42 719,769	506 135,544	11,848	11,388
59	75	74 147	41 222,272	463 415,776	11,242	10,782
60	76	72 060	39 665,557	422 193,504	10,644	10,184
61	77	69 780	38 029,923	382 527,947	10,059	9,599
62	78	67 325	36 329,067	344 498,024	9,483	9,023
63	79	64 640	34 534,692	308 168,957	8,923	8,463
64	80	61 695	32 634,906	273 634,265	8,385	7,925
65	81	58 478	30 627,164	240 999,359	7,869	7,409
66	82	55 043	28 542,322	210 372,195	7,371	6,911
67	83	51 417	26 398,415	181 829,873	6,888	6,428
68	84	47 561	24 176,950	155 431,458	6,429	5,969
69	85	43 535	21 910,855	131 254,509	5,990	5,530
70	86	39 344	19 605,598	109 343,654	5,577	5,117
71	87	35 043	17 289,419	89 738,056	5,190	4,730
72	88	30 729	15 010,759	72 448,637	4,826	4,366
73	89	26 489	12 811,589	57 437,879	4,483	4,023
74	90	22 370	10 712,138	44 626,290	4,166	3,706
75	91	18 471	8 757,629	33 914,151	3,873	3,413
76	92	14 857	6 974,259	25 156,522	3,607	3,147
77	93	11 616	5 398,902	18 182,263	3,368	2,908
78	94	8 807	4 052,796	12 783,361	3,154	2,694
79	95	6 424	2 927,082	8 730,565	2,983	2,523
80	96	4 572	2 062,601	5 803,483	2,814	2,354
81	97	3 144	1 404,442	3 740,882	2,664	2,204
82	98	2 122	938,396	2 336,440	2,490	2,030
83	99	1 365	597,678	1 398,044	2,339	1,879
84	100	836	362,571	800,367	2,207	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	4 699 066,042	47,208	46,748
1	18	99 172	98 190,083	4 599 526,509	46,843	46,383
2	19	99 125	97 171,630	4 501 336,426	46,324	45,864
3	20	99 090	96 175,961	4 404 164,796	45,793	45,333
4	21	99 059	95 193,833	4 307 988,836	45,255	44,795
5	22	99 031	94 224,787	4 212 795,002	44,710	44,250
6	23	99 005	93 266,934	4 118 570,216	44,159	43,699
7	24	98 973	92 313,888	4 025 303,281	43,605	43,145
8	25	98 948	91 376,696	3 932 989,394	43,041	42,582
9	26	98 921	90 447,738	3 841 612,698	42,473	42,013
10	27	98 894	89 527,591	3 751 164,960	41,900	41,440
11	28	98 865	88 615,002	3 661 637,369	41,321	40,861
12	29	98 831	87 707,911	3 573 022,367	40,738	40,278
13	30	98 798	86 810,241	3 485 314,455	40,149	39,689
14	31	98 759	85 916,995	3 398 504,214	39,556	39,096
15	32	98 716	85 028,908	3 312 587,219	38,958	38,498
16	33	98 667	84 145,172	3 227 558,311	38,357	37,897
17	34	98 606	83 260,938	3 143 413,139	37,754	37,294
18	35	98 539	82 380,168	3 060 152,202	37,147	36,687
19	36	98 461	81 500,439	2 977 772,034	36,537	36,077
20	37	98 374	80 621,993	2 896 271,594	35,924	35,464
21	38	98 285	79 751,055	2 815 649,602	35,305	34,846
22	39	98 183	78 879,905	2 735 898,546	34,684	34,224
23	40	98 080	78 017,190	2 657 018,641	34,057	33,597
24	41	97 969	77 156,869	2 579 001,451	33,425	32,965
25	42	97 847	76 297,762	2 501 844,583	32,791	32,331
26	43	97 718	75 443,336	2 425 546,821	32,151	31,691
27	44	97 584	74 593,790	2 350 103,485	31,505	31,045
28	45	97 433	73 740,969	2 275 509,695	30,858	30,398
29	46	97 275	72 892,110	2 201 768,726	30,206	29,746
30	47	97 096	72 037,497	2 128 876,615	29,552	29,092
31	48	96 901	71 180,976	2 056 839,118	28,896	28,436
32	49	96 679	70 315,048	1 985 658,142	28,239	27,779
33	50	96 436	69 444,067	1 915 343,094	27,581	27,121
34	51	96 178	68 572,280	1 845 899,028	26,919	26,459
35	52	95 888	67 688,833	1 777 326,748	26,257	25,797
36	53	95 568	66 794,746	1 709 637,915	25,595	25,135
37	54	95 222	65 894,142	1 642 843,168	24,932	24,472
38	55	94 847	64 984,425	1 576 949,026	24,267	23,807
39	56	94 433	64 060,526	1 511 964,602	23,602	23,142
40	57	93 989	63 127,759	1 447 904,076	22,936	22,476
41	58	93 496	62 174,969	1 384 776,317	22,272	21,812
42	59	92 960	61 206,687	1 322 601,348	21,609	21,149
43	60	92 373	60 218,118	1 261 394,661	20,947	20,487
44	61	91 725	59 203,363	1 201 176,542	20,289	19,829
45	62	91 048	58 184,560	1 141 973,179	19,627	19,167
46	63	90 310	57 141,357	1 083 788,619	18,967	18,507
47	64	89 519	56 080,292	1 026 647,262	18,307	17,847
48	65	88 646	54 983,397	970 566,969	17,652	17,192
49	66	87 691	53 852,446	915 583,573	17,002	16,542
50	67	86 651	52 687,163	861 731,127	16,356	15,896
51	68	85 509	51 478,069	809 043,964	15,716	15,256
52	69	84 309	50 252,976	757 565,894	15,075	14,615
53	70	82 998	48 981,821	707 312,918	14,440	13,980
54	71	81 578	47 667,116	658 331,097	13,811	13,351
55	72	80 037	46 303,653	610 663,982	13,188	12,728
56	73	78 399	44 906,794	564 360,329	12,567	12,107
57	74	76 658	43 474,783	519 453,535	11,948	11,488
58	75	74 778	41 988,901	475 978,752	11,336	10,876
59	76	72 733	40 436,265	433 989,851	10,733	10,273
60	77	70 487	38 799,813	393 553,586	10,143	9,683
61	78	68 073	37 100,020	354 753,773	9,562	9,102
62	79	65 434	35 308,212	317 653,753	8,997	8,537
63	80	62 512	33 397,696	282 345,541	8,454	7,994
64	81	59 325	31 381,465	248 947,845	7,933	7,473
65	82	55 902	29 277,653	217 566,380	7,431	6,971
66	83	52 272	27 105,457	188 288,727	6,947	6,487
67	84	48 431	24 865,145	161 183,270	6,482	6,022
68	85	44 364	22 551,752	136 318,126	6,045	5,585
69	86	40 173	20 218,869	113 766,373	5,627	5,167
70	87	35 846	17 862,510	93 547,504	5,237	4,777
71	88	31 497	15 539,902	75 684,994	4,870	4,410
72	89	27 200	13 287,147	60 145,092	4,527	4,067
73	90	23 021	11 134,320	46 857,945	4,208	3,748
74	91	19 060	9 127,418	35 723,625	3,914	3,454
75	92	15 380	7 292,171	26 596,207	3,647	3,187
76	93	12 070	5 666,178	19 304,036	3,407	2,947
77	94	9 186	4 269,461	13 637,858	3,194	2,734
78	95	6 736	3 099,690	9 368,397	3,022	2,562
79	96	4 824	2 198,141	6 268,707	2,852	2,392
80	97	3 340	1 506,760	4 070,567	2,702	2,242
81	98	2 273	1 015,333	2 563,807	2,525	2,065
82	99	1 475	652,438	1 548,474	2,373	1,913
83	100	914	400,129	896,036	2,239	1,779

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	4 657 420,912	46,797	46,337
1	19	99 152	98 170,088	4 557 895,954	46,429	45,969
2	20	99 106	97 152,873	4 459 725,866	45,904	45,444
3	21	99 072	96 158,152	4 362 572,993	45,369	44,909
4	22	99 043	95 178,073	4 266 414,841	44,826	44,366
5	23	99 014	94 208,481	4 171 236,768	44,277	43,817
6	24	98 983	93 246,697	4 077 028,286	43,723	43,263
7	25	98 956	92 298,234	3 983 781,589	43,162	42,702
8	26	98 929	91 359,658	3 891 483,355	42,595	42,135
9	27	98 902	90 430,139	3 800 123,698	42,023	41,563
10	28	98 873	89 508,036	3 709 693,559	41,445	40,985
11	29	98 840	88 592,902	3 620 185,523	40,863	40,403
12	30	98 806	87 685,214	3 531 592,621	40,276	39,816
13	31	98 769	86 784,464	3 443 907,406	39,683	39,223
14	32	98 728	85 889,571	3 357 122,942	39,087	38,627
15	33	98 682	84 999,399	3 271 233,371	38,485	38,025
16	34	98 632	84 115,212	3 186 233,972	37,879	37,419
17	35	98 568	83 228,373	3 102 118,760	37,272	36,812
18	36	98 499	82 347,011	3 018 890,387	36,661	36,201
19	37	98 415	81 462,228	2 936 543,376	36,048	35,588
20	38	98 329	80 584,889	2 855 081,148	35,429	34,970
21	39	98 227	79 704,348	2 774 496,259	34,810	34,350
22	40	98 125	78 832,916	2 694 791,911	34,184	33,724
23	41	98 014	77 964,239	2 615 958,995	33,553	33,093
24	42	97 894	77 098,009	2 537 994,755	32,919	32,459
25	43	97 765	76 234,449	2 460 896,746	32,281	31,821
26	44	97 631	75 375,443	2 384 662,297	31,637	31,177
27	45	97 485	74 517,701	2 309 286,855	30,990	30,530
28	46	97 325	73 658,972	2 234 769,153	30,339	29,879
29	47	97 151	72 799,557	2 161 110,181	29,686	29,226
30	48	96 956	71 934,228	2 088 310,624	29,031	28,571
31	49	96 746	71 067,117	2 016 376,396	28,373	27,913
32	50	96 504	70 187,676	1 945 309,279	27,716	27,256
33	51	96 246	69 307,215	1 875 121,604	27,055	26,595
34	52	95 965	68 420,819	1 805 814,388	26,393	25,933
35	53	95 653	67 522,637	1 737 393,569	25,731	25,271
36	54	95 307	66 612,187	1 669 870,932	25,069	24,609
37	55	94 935	65 695,825	1 603 258,745	24,404	23,944
38	56	94 532	64 769,106	1 537 562,921	23,739	23,279
39	57	94 091	63 828,698	1 472 793,815	23,074	22,614
40	58	93 613	62 875,735	1 408 965,117	22,409	21,949
41	59	93 083	61 900,743	1 346 089,382	21,746	21,286
42	60	92 511	60 911,059	1 284 188,639	21,083	20,623
43	61	91 875	59 893,481	1 223 277,580	20,424	19,964
44	62	91 212	58 872,114	1 163 384,099	19,761	19,301
45	63	90 495	57 830,993	1 104 511,985	19,099	18,639
46	64	89 715	56 765,115	1 046 680,991	18,439	17,979
47	65	88 867	55 671,616	989 915,876	17,781	17,321
48	66	87 935	54 542,861	934 244,261	17,129	16,669
49	67	86 925	53 382,022	879 701,400	16,479	16,019
50	68	85 811	52 176,393	826 319,378	15,837	15,377
51	69	84 636	50 952,232	774 142,985	15,194	14,734
52	70	83 367	49 691,540	723 190,753	14,554	14,094
53	71	81 987	48 385,049	673 499,213	13,920	13,460
54	72	80 486	47 028,836	625 114,163	13,292	12,832
55	73	78 884	45 636,449	578 085,328	12,667	12,207
56	74	77 185	44 211,513	532 448,879	12,043	11,583
57	75	75 346	42 730,998	488 237,366	11,426	10,966
58	76	73 352	41 188,277	445 506,368	10,816	10,356
59	77	71 146	39 553,700	404 318,091	10,222	9,762
60	78	68 764	37 851,085	364 764,391	9,637	9,177
61	79	66 161	36 057,501	326 913,307	9,066	8,606
62	80	63 279	34 145,749	290 855,806	8,518	8,058
63	81	60 111	32 114,958	256 710,057	7,993	7,533
64	82	56 711	29 998,717	224 595,099	7,487	7,027
65	83	53 088	27 803,770	194 596,382	6,999	6,539
66	84	49 236	25 531,120	166 792,612	6,533	6,073
67	85	45 175	23 193,686	141 261,492	6,091	5,631
68	86	40 938	20 810,276	118 067,805	5,674	5,214
69	87	36 601	18 421,257	97 257,529	5,280	4,820
70	88	32 219	16 055,002	78 836,272	4,910	4,450
71	89	27 880	13 755,531	62 781,270	4,564	4,104
72	90	23 639	11 547,619	49 025,739	4,246	3,786
73	91	19 615	9 487,143	37 478,120	3,950	3,490
74	92	15 871	7 600,081	27 990,977	3,683	3,223
75	93	12 495	5 924,463	20 390,896	3,442	2,982
76	94	9 545	4 480,823	14 466,433	3,229	2,769
77	95	7 026	3 265,401	9 985,610	3,058	2,598
78	96	5 058	2 327,764	6 720,209	2,887	2,427
79	97	3 524	1 605,773	4 392,445	2,735	2,275
80	98	2 415	1 089,304	2 786,672	2,558	2,098
81	99	1 580	705,930	1 697,369	2,404	1,944
82	100	988	436,789	991,438	2,270	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	4 614 625,069	46,376	45,916
1	20	99 133	98 151,138	4 515 120,378	46,002	45,542
2	21	99 087	97 134,883	4 416 969,239	45,473	45,013
3	22	99 055	96 142,232	4 319 834,356	44,932	44,472
4	23	99 026	95 161,603	4 223 692,123	44,384	43,924
5	24	98 993	94 188,040	4 128 530,520	43,833	43,373
6	25	98 966	93 230,885	4 034 342,481	43,273	42,813
7	26	98 938	92 281,024	3 941 111,596	42,708	42,248
8	27	98 910	91 341,882	3 848 830,572	42,137	41,677
9	28	98 881	90 410,387	3 757 488,690	41,560	41,100
10	29	98 848	89 485,713	3 667 078,303	40,979	40,520
11	30	98 815	88 569,976	3 577 592,590	40,393	39,933
12	31	98 777	87 659,178	3 489 022,614	39,802	39,342
13	32	98 737	86 756,763	3 401 363,437	39,206	38,746
14	33	98 694	85 859,763	3 314 606,674	38,605	38,145
15	34	98 647	84 969,135	3 228 746,911	37,999	37,539
16	35	98 593	84 082,313	3 143 777,776	37,389	36,929
17	36	98 528	83 194,875	3 059 695,462	36,777	36,317
18	37	98 453	82 308,403	2 976 500,587	36,163	35,703
19	38	98 370	81 424,737	2 894 192,184	35,544	35,084
20	39	98 271	80 537,693	2 812 767,447	34,925	34,465
21	40	98 168	79 656,868	2 732 229,753	34,300	33,840
22	41	98 058	78 779,413	2 652 572,885	33,671	33,211
23	42	97 939	77 904,764	2 573 793,473	33,038	32,578
24	43	97 813	77 034,032	2 495 888,709	32,400	31,940
25	44	97 678	76 165,843	2 418 854,677	31,758	31,298
26	45	97 531	75 298,557	2 342 688,834	31,112	30,652
27	46	97 376	74 434,841	2 267 390,277	30,461	30,001
28	47	97 201	73 565,445	2 192 955,436	29,810	29,350
29	48	97 012	72 695,196	2 119 389,991	29,154	28,694
30	49	96 801	71 819,164	2 046 694,796	28,498	28,038
31	50	96 570	70 938,382	1 974 875,632	27,839	27,379
32	51	96 314	70 049,359	1 903 937,249	27,180	26,720
33	52	96 034	69 154,131	1 833 887,890	26,519	26,059
34	53	95 730	68 252,825	1 764 733,759	25,856	25,396
35	54	95 391	67 338,088	1 696 480,934	25,193	24,734
36	55	95 020	66 411,708	1 629 142,846	24,531	24,071
37	56	94 621	65 478,149	1 562 731,137	23,866	23,406
38	57	94 190	64 534,714	1 497 252,989	23,201	22,741
39	58	93 716	63 573,876	1 432 718,275	22,536	22,076
40	59	93 201	62 598,418	1 369 144,399	21,872	21,412
41	60	92 634	61 601,762	1 306 545,981	21,210	20,750
42	61	92 012	60 582,686	1 244 944,219	20,550	20,090
43	62	91 361	59 558,371	1 184 361,533	19,886	19,426
44	63	90 657	58 514,370	1 124 803,162	19,223	18,763
45	64	89 899	57 450,210	1 066 288,792	18,560	18,100
46	65	89 061	56 351,448	1 008 838,582	17,903	17,443
47	66	88 155	55 225,566	952 487,134	17,247	16,787
48	67	87 167	54 066,406	897 261,568	16,596	16,136
49	68	86 082	52 864,515	843 195,162	15,950	15,490
50	69	84 934	51 643,422	790 330,647	15,304	14,844
51	70	83 690	50 382,984	738 687,225	14,661	14,201
52	71	82 351	49 086,122	688 304,241	14,022	13,562
53	72	80 889	47 737,156	639 218,119	13,390	12,930
54	73	79 326	46 351,182	591 480,963	12,761	12,301
55	74	77 662	44 929,870	545 129,781	12,133	11,673
56	75	75 864	43 455,124	500 199,911	11,511	11,051
57	76	73 910	41 916,224	456 744,786	10,897	10,437
58	77	71 751	40 289,298	414 828,563	10,296	9,836
59	78	69 406	38 586,537	374 539,265	9,706	9,246
60	79	66 832	36 787,460	335 952,727	9,132	8,672
61	80	63 982	34 870,369	299 165,267	8,579	8,119
62	81	60 849	32 834,280	264 294,898	8,049	7,589
63	82	57 462	30 699,891	231 460,618	7,539	7,079
64	83	53 856	28 488,535	200 760,728	7,047	6,587
65	84	50 004	26 188,874	172 272,193	6,578	6,118
66	85	45 926	23 814,894	146 083,319	6,134	5,674
67	86	41 687	21 402,639	122 268,424	5,713	5,253
68	87	37 299	18 960,083	100 865,785	5,320	4,860
69	88	32 897	16 557,209	81 905,702	4,947	4,487
70	89	28 519	14 211,485	65 348,493	4,598	4,138
71	90	24 230	11 954,683	51 137,008	4,278	3,818
72	91	20 142	9 839,300	39 182,325	3,982	3,522
73	92	16 333	7 899,612	29 343,025	3,714	3,255
74	93	12 894	6 174,622	21 443,413	3,473	3,013
75	94	9 881	4 685,075	15 268,791	3,259	2,799
76	95	7 300	3 427,056	10 583,716	3,088	2,628
77	96	5 276	2 452,207	7 156,659	2,918	2,458
78	97	3 695	1 700,465	4 704,452	2,767	2,307
79	98	2 548	1 160,885	3 003,988	2,588	2,128
80	99	1 679	757,360	1 843,103	2,434	1,974
81	100	1 058	472,601	1 085,743	2,297	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	4 570 711,319	45,943	45,484
1	21	99 114	98 132,964	4 471 225,835	45,563	45,103
2	22	99 071	97 118,802	4 373 092,871	45,028	44,568
3	23	99 038	96 125,595	4 275 974,069	44,483	44,023
4	24	99 004	95 140,955	4 179 848,474	43,933	43,473
5	25	98 976	94 172,068	4 084 707,519	43,375	42,915
6	26	98 948	93 213,501	3 990 535,451	42,811	42,351
7	27	98 918	92 263,069	3 897 321,950	42,241	41,781
8	28	98 889	91 321,930	3 805 058,881	41,666	41,206
9	29	98 856	90 387,839	3 713 736,952	41,087	40,627
10	30	98 822	89 462,556	3 623 349,113	40,501	40,041
11	31	98 785	88 543,676	3 533 886,557	39,911	39,451
12	32	98 745	87 631,197	3 445 342,880	39,316	38,856
13	33	98 703	86 726,654	3 357 711,683	38,716	38,256
14	34	98 658	85 829,193	3 270 985,029	38,110	37,650
15	35	98 608	84 935,902	3 185 155,836	37,501	37,041
16	36	98 553	84 048,472	3 100 219,933	36,886	36,426
17	37	98 482	83 155,869	3 016 171,462	36,271	35,811
18	38	98 408	82 270,523	2 933 015,592	35,651	35,191
19	39	98 312	81 377,050	2 850 745,069	35,031	34,571
20	40	98 213	80 489,717	2 769 368,020	34,406	33,947
21	41	98 102	79 602,805	2 688 878,303	33,779	33,319
22	42	97 983	78 719,315	2 609 275,497	33,147	32,687
23	43	97 858	77 840,117	2 530 556,183	32,510	32,050
24	44	97 725	76 964,707	2 452 716,065	31,868	31,408
25	45	97 578	76 088,151	2 375 751,359	31,224	30,764
26	46	97 422	75 214,828	2 299 663,208	30,575	30,115
27	47	97 253	74 340,329	2 224 448,380	29,922	29,463
28	48	97 062	73 459,986	2 150 108,051	29,269	28,809
29	49	96 857	72 578,914	2 076 648,065	28,612	28,152
30	50	96 626	71 689,067	2 004 069,151	27,955	27,495
31	51	96 380	70 798,586	1 932 380,084	27,294	26,834
32	52	96 101	69 894,636	1 861 581,497	26,634	26,174
33	53	95 798	68 984,337	1 791 686,862	25,972	25,512
34	54	95 468	68 066,281	1 722 702,525	25,309	24,849
35	55	95 104	67 135,425	1 654 636,244	24,646	24,186
36	56	94 705	66 191,661	1 587 500,819	23,983	23,523
37	57	94 279	65 241,191	1 521 309,159	23,318	22,858
38	58	93 814	64 277,073	1 456 067,968	22,653	22,193
39	59	93 302	63 293,480	1 391 790,895	21,989	21,530
40	60	92 750	62 296,067	1 328 497,415	21,326	20,866
41	61	92 134	61 269,666	1 266 201,347	20,666	20,206
42	62	91 498	60 243,719	1 204 931,682	20,001	19,541
43	63	90 806	59 196,457	1 144 687,962	19,337	18,877
44	64	90 060	58 129,087	1 085 491,506	18,674	18,214
45	65	89 244	57 031,550	1 027 362,419	18,014	17,554
46	66	88 348	55 899,951	970 330,868	17,358	16,898
47	67	87 384	54 743,147	914 430,918	16,704	16,244
48	68	86 322	53 542,265	859 687,771	16,056	15,596
49	69	85 203	52 324,515	806 145,506	15,407	14,947
50	70	83 986	51 066,452	753 820,991	14,762	14,302
51	71	82 670	49 769,141	702 754,539	14,120	13,660
52	72	81 249	48 428,841	652 985,397	13,483	13,023
53	73	79 723	47 049,296	604 556,556	12,849	12,389
54	74	78 098	45 633,538	557 507,260	12,217	11,757
55	75	76 334	44 161,192	511 873,723	11,591	11,131
56	76	74 418	42 626,542	467 712,531	10,972	10,512
57	77	72 296	41 001,357	425 085,988	10,368	9,908
58	78	69 997	39 304,149	384 084,631	9,772	9,312
59	79	67 456	37 502,246	344 780,483	9,194	8,734
60	80	64 631	35 576,296	307 278,236	8,637	8,177
61	81	61 525	33 531,069	271 701,941	8,103	7,643
62	82	58 168	31 387,517	238 170,872	7,588	7,128
63	83	54 570	29 154,410	206 783,355	7,093	6,633
64	84	50 728	26 833,867	177 628,944	6,620	6,160
65	85	46 643	24 428,433	150 795,078	6,173	5,713
66	86	42 380	21 975,877	126 366,644	5,750	5,290
67	87	37 981	19 499,780	104 390,768	5,353	4,893
68	88	33 524	17 041,511	84 890,987	4,981	4,521
69	89	29 120	14 656,026	67 849,476	4,629	4,169
70	90	24 785	12 350,944	53 193,449	4,307	3,847
71	91	20 646	10 186,144	40 842,505	4,010	3,550
72	92	16 772	8 192,841	30 656,361	3,742	3,282
73	93	13 270	6 417,973	22 463,520	3,500	3,040
74	94	10 197	4 882,902	16 045,547	3,286	2,826
75	95	7 558	3 583,274	11 162,646	3,115	2,655
76	96	5 482	2 573,605	7 579,372	2,945	2,485
77	97	3 854	1 791,372	5 005,767	2,794	2,334
78	98	2 671	1 229,341	3 214,395	2,615	2,155
79	99	1 771	807,128	1 985,053	2,459	1,999
80	100	1 124	507,032	1 177,925	2,323	1,863

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	4 525 704,576	45,500	45,040
1	22	99 098	98 116,717	4 426 237,513	45,112	44,652
2	23	99 054	97 101,996	4 328 120,796	44,573	44,113
3	24	99 017	96 104,737	4 231 018,800	44,025	43,565
4	25	98 987	95 124,822	4 134 914,062	43,468	43,008
5	26	98 957	94 154,509	4 039 789,241	42,906	42,446
6	27	98 929	93 195,364	3 945 634,732	42,337	41,877
7	28	98 897	92 242,916	3 852 439,368	41,764	41,304
8	29	98 864	91 299,155	3 760 196,452	41,185	40,725
9	30	98 830	90 364,448	3 668 897,297	40,601	40,141
10	31	98 793	89 435,992	3 578 532,849	40,012	39,552
11	32	98 754	88 515,414	3 489 096,858	39,418	38,958
12	33	98 711	87 600,785	3 400 581,444	38,819	38,359
13	34	98 668	86 695,776	3 312 980,659	38,214	37,754
14	35	98 620	85 795,624	3 226 284,883	37,604	37,144
15	36	98 568	84 901,717	3 140 489,259	36,990	36,530
16	37	98 507	84 009,066	3 055 587,542	36,372	35,912
17	38	98 437	83 117,599	2 971 578,476	35,751	35,292
18	39	98 350	82 222,340	2 888 460,877	35,130	34,670
19	40	98 254	81 328,573	2 806 238,537	34,505	34,045
20	41	98 146	80 435,089	2 724 909,964	33,877	33,417
21	42	98 027	79 542,079	2 644 474,875	33,246	32,786
22	43	97 902	78 653,993	2 564 932,796	32,610	32,150
23	44	97 770	77 770,067	2 486 278,803	31,970	31,510
24	45	97 625	76 886,199	2 408 508,736	31,326	30,866
25	46	97 469	76 003,544	2 331 622,537	30,678	30,218
26	47	97 299	75 119,325	2 255 618,993	30,027	29,567
27	48	97 113	74 233,759	2 180 499,667	29,373	28,913
28	49	96 907	73 342,481	2 106 265,908	28,718	28,258
29	50	96 681	72 447,441	2 032 923,427	28,061	27,601
30	51	96 436	71 547,792	1 960 475,986	27,401	26,941
31	52	96 167	70 642,208	1 888 928,194	26,739	26,279
32	53	95 865	69 723,023	1 818 285,986	26,079	25,619
33	54	95 536	68 795,793	1 748 562,963	25,417	24,957
34	55	95 181	67 861,426	1 679 767,170	24,753	24,293
35	56	94 789	66 912,979	1 611 905,744	24,090	23,630
36	57	94 362	65 952,120	1 544 992,765	23,426	22,966
37	58	93 902	64 980,730	1 479 040,644	22,761	22,301
38	59	93 400	63 993,576	1 414 059,915	22,097	21,637
39	60	92 852	62 987,772	1 350 066,339	21,434	20,974
40	61	92 250	61 960,228	1 287 078,567	20,773	20,313
41	62	91 619	60 926,855	1 225 118,339	20,108	19,648
42	63	90 942	59 877,640	1 164 191,484	19,443	18,983
43	64	90 208	58 806,683	1 104 313,843	18,779	18,319
44	65	89 404	57 705,480	1 045 507,161	18,118	17,658
45	66	88 529	56 574,604	987 801,681	17,460	17,000
46	67	87 576	55 411,641	931 227,076	16,806	16,346
47	68	86 537	54 212,445	875 815,435	16,155	15,695
48	69	85 440	52 995,342	821 602,990	15,503	15,043
49	70	84 251	51 739,936	768 607,649	14,855	14,395
50	71	82 962	50 444,282	716 867,713	14,211	13,751
51	72	81 563	49 102,715	666 423,431	13,572	13,112
52	73	80 078	47 731,014	617 320,716	12,933	12,473
53	74	78 489	46 320,843	569 589,702	12,297	11,837
54	75	76 762	44 852,821	523 268,859	11,666	11,206
55	76	74 878	43 319,147	478 416,038	11,044	10,584
56	77	72 794	41 696,172	435 096,891	10,435	9,975
57	78	70 529	39 998,797	393 400,719	9,835	9,375
58	79	68 030	38 199,693	353 401,923	9,251	8,791
59	80	65 235	36 267,549	315 202,230	8,691	8,231
60	81	62 149	34 209,882	278 934,681	8,154	7,694
61	82	58 814	32 053,604	244 724,799	7,635	7,175
62	83	55 239	29 807,421	212 671,195	7,135	6,675
63	84	51 400	27 461,067	182 863,774	6,659	6,199
64	85	47 318	25 030,069	155 402,707	6,209	5,749
65	86	43 041	22 542,037	130 372,639	5,784	5,324
66	87	38 612	20 022,053	107 830,601	5,386	4,926
67	88	34 137	17 526,597	87 808,549	5,010	4,550
68	89	29 675	15 084,719	70 281,952	4,659	4,199
69	90	25 308	12 737,287	55 197,233	4,334	3,874
70	91	21 119	10 523,784	42 459,946	4,035	3,575
71	92	17 191	8 481,645	31 936,162	3,765	3,305
72	93	13 626	6 656,204	23 454,517	3,524	3,064
73	94	10 494	5 075,344	16 798,313	3,310	2,850
74	95	7 799	3 734,577	11 722,968	3,139	2,679
75	96	5 675	2 690,919	7 988,392	2,969	2,509
76	97	4 005	1 880,055	5 297,473	2,818	2,358
77	98	2 786	1 295,063	3 417,417	2,639	2,179
78	99	1 857	854,724	2 122,355	2,483	2,023
79	100	1 186	540,350	1 267,631	2,346	1,886

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	4 479 628,908	45,044	44,584
1	23	99 081	98 099,739	4 380 178,313	44,650	44,190
2	24	99 032	97 080,926	4 282 078,574	44,108	43,648
3	25	99 000	96 088,441	4 184 997,648	43,554	43,094
4	26	98 969	95 107,084	4 088 909,207	42,993	42,533
5	27	98 938	94 136,189	3 993 802,123	42,426	41,966
6	28	98 907	93 175,008	3 899 665,934	41,853	41,393
7	29	98 872	92 219,911	3 806 490,926	41,276	40,816
8	30	98 838	91 275,528	3 714 271,015	40,693	40,233
9	31	98 801	90 337,616	3 622 995,487	40,105	39,645
10	32	98 761	89 407,444	3 532 657,871	39,512	39,052
11	33	98 720	88 484,695	3 443 250,427	38,914	38,454
12	34	98 676	87 569,595	3 354 765,732	38,310	37,850
13	35	98 629	86 661,867	3 267 196,137	37,701	37,241
14	36	98 580	85 761,092	3 180 534,269	37,086	36,626
15	37	98 522	84 861,911	3 094 773,177	36,468	36,008
16	38	98 462	83 970,403	3 009 911,266	35,845	35,385
17	39	98 379	83 068,920	2 925 940,863	35,223	34,763
18	40	98 291	82 173,360	2 842 871,942	34,596	34,136
19	41	98 187	81 273,376	2 760 698,582	33,968	33,508
20	42	98 071	80 373,728	2 679 425,206	33,337	32,877
21	43	97 946	79 476,075	2 599 051,478	32,702	32,242
22	44	97 814	78 583,210	2 519 575,404	32,063	31,603
23	45	97 670	77 690,738	2 440 992,194	31,419	30,959
24	46	97 517	76 800,705	2 363 301,456	30,772	30,312
25	47	97 346	75 907,040	2 286 500,751	30,122	29,662
26	48	97 159	75 011,639	2 210 593,711	29,470	29,010
27	49	96 958	74 115,016	2 135 582,072	28,814	28,354
28	50	96 731	73 209,625	2 061 467,056	28,158	27,698
29	51	96 491	72 304,671	1 988 257,431	27,498	27,038
30	52	96 223	71 389,759	1 915 952,760	26,838	26,378
31	53	95 931	70 468,760	1 844 563,001	26,176	25,716
32	54	95 603	69 532,460	1 774 094,241	25,515	25,055
33	55	95 249	68 588,743	1 704 561,780	24,852	24,392
34	56	94 866	67 636,575	1 635 973,038	24,188	23,728
35	57	94 446	66 670,828	1 568 336,463	23,524	23,064
36	58	93 986	65 688,821	1 501 665,635	22,860	22,400
37	59	93 488	64 694,129	1 435 976,813	22,196	21,736
38	60	92 949	63 684,486	1 371 282,685	21,532	21,072
39	61	92 351	62 648,204	1 307 598,198	20,872	20,412
40	62	91 734	61 613,554	1 244 949,995	20,206	19,746
41	63	91 062	60 556,625	1 183 336,441	19,541	19,081
42	64	90 343	59 483,381	1 122 779,816	18,876	18,416
43	65	89 551	58 378,137	1 063 296,434	18,214	17,754
44	66	88 688	57 243,134	1 004 918,297	17,555	17,095
45	67	87 755	56 080,401	947 675,162	16,899	16,439
46	68	86 727	54 874,458	891 594,761	16,248	15,788
47	69	85 653	53 658,676	836 720,303	15,593	15,133
48	70	84 486	52 403,268	783 061,627	14,943	14,483
49	71	83 224	51 109,561	730 658,359	14,296	13,836
50	72	81 851	49 768,815	679 548,798	13,654	13,194
51	73	80 388	48 395,178	629 779,983	13,013	12,553
52	74	78 838	46 992,007	581 384,805	12,372	11,912
53	75	77 146	45 528,367	534 392,799	11,738	11,278
54	76	75 298	43 997,588	488 864,432	11,111	10,651
55	77	73 244	42 373,660	444 866,844	10,499	10,039
56	78	71 014	40 676,622	402 493,184	9,895	9,435
57	79	68 547	38 874,821	361 816,562	9,307	8,847
58	80	65 790	36 942,033	322 941,741	8,742	8,282
59	81	62 729	34 874,586	285 999,708	8,201	7,741
60	82	59 411	32 702,507	251 125,122	7,679	7,219
61	83	55 853	30 439,975	218 422,615	7,176	6,716
62	84	52 031	28 076,149	187 982,640	6,695	6,235
63	85	47 945	25 615,108	159 906,491	6,243	5,783
64	86	43 664	23 097,214	134 291,383	5,814	5,354
65	87	39 214	20 537,877	111 194,169	5,414	4,954
66	88	34 705	17 996,020	90 656,292	5,038	4,578
67	89	30 218	15 514,104	72 660,271	4,683	4,224
68	90	25 790	13 109,856	57 146,167	4,359	3,899
69	91	21 564	10 852,972	44 036,311	4,058	3,598
70	92	17 585	8 762,786	33 183,339	3,787	3,327
71	93	13 967	6 890,842	24 420,553	3,544	3,084
72	94	10 775	5 263,738	17 529,712	3,330	2,870
73	95	8 026	3 881,762	12 265,974	3,160	2,700
74	96	5 857	2 804,543	8 384,212	2,990	2,530
75	97	4 146	1 965,755	5 579,669	2,838	2,378
76	98	2 895	1 359,175	3 613,914	2,659	2,199
77	99	1 937	900,418	2 254,739	2,504	2,044
78	100	1 243	572,214	1 354,321	2,367	1,907

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	4 432 506,089	44,578	44,118
1	24	99 059	98 078,452	4 333 072,703	44,180	43,720
2	25	99 015	97 064,464	4 234 994,251	43,631	43,171
3	26	98 982	96 070,524	4 137 929,786	43,072	42,612
4	27	98 950	95 088,579	4 041 859,262	42,506	42,046
5	28	98 916	94 115,627	3 946 770,683	41,935	41,475
6	29	98 882	93 151,770	3 852 655,056	41,359	40,899
7	30	98 847	92 196,046	3 759 503,286	40,777	40,317
8	31	98 809	91 248,425	3 667 307,240	40,190	39,730
9	32	98 769	90 308,781	3 576 058,814	39,598	39,138
10	33	98 727	89 376,415	3 485 750,034	39,001	38,541
11	34	98 684	88 453,190	3 396 373,618	38,397	37,937
12	35	98 637	87 535,345	3 307 920,428	37,790	37,330
13	36	98 590	86 626,988	3 220 385,083	37,175	36,715
14	37	98 534	85 720,884	3 133 758,095	36,558	36,098
15	38	98 477	84 822,856	3 048 037,211	35,934	35,474
16	39	98 404	83 921,225	2 963 214,356	35,309	34,849
17	40	98 320	83 019,436	2 879 293,131	34,682	34,222
18	41	98 225	82 117,589	2 796 273,695	34,052	33,592
19	42	98 112	81 211,376	2 714 156,106	33,421	32,961
20	43	97 990	80 307,033	2 632 944,730	32,786	32,326
21	44	97 858	79 404,552	2 552 637,697	32,147	31,687
22	45	97 714	78 503,051	2 473 233,146	31,505	31,045
23	46	97 561	77 604,349	2 394 730,094	30,858	30,398
24	47	97 393	76 703,189	2 317 125,745	30,209	29,749
25	48	97 206	75 798,224	2 240 422,556	29,558	29,098
26	49	97 004	74 891,652	2 164 624,332	28,903	28,443
27	50	96 782	73 980,761	2 089 732,680	28,247	27,787
28	51	96 541	73 065,353	2 015 751,919	27,588	27,128
29	52	96 278	72 144,966	1 942 686,566	26,928	26,468
30	53	95 986	71 214,475	1 870 541,600	26,266	25,806
31	54	95 669	70 276,159	1 799 327,124	25,604	25,144
32	55	95 315	69 323,193	1 729 050,965	24,942	24,482
33	56	94 933	68 361,481	1 659 727,772	24,279	23,819
34	57	94 522	67 391,806	1 591 366,290	23,614	23,154
35	58	94 069	66 404,660	1 523 974,485	22,950	22,490
36	59	93 571	65 399,097	1 457 569,825	22,287	21,827
37	60	93 036	64 381,656	1 392 170,728	21,624	21,164
38	61	92 448	63 341,162	1 327 789,072	20,962	20,503
39	62	91 834	62 297,680	1 264 447,910	20,297	19,837
40	63	91 177	61 239,151	1 202 150,230	19,630	19,170
41	64	90 463	60 157,895	1 140 911,079	18,965	18,505
42	65	89 684	59 049,905	1 080 753,184	18,302	17,842
43	66	88 833	57 910,402	1 021 703,279	17,643	17,183
44	67	87 913	56 743,091	963 792,877	16,985	16,525
45	68	86 904	55 536,735	907 049,785	16,332	15,872
46	69	85 841	54 313,927	851 513,050	15,678	15,218
47	70	84 696	53 059,191	797 199,122	15,025	14,565
48	71	83 457	51 764,811	744 139,931	14,375	13,915
49	72	82 110	50 425,186	692 375,120	13,731	13,271
50	73	80 672	49 051,680	641 949,935	13,087	12,627
51	74	79 144	47 645,887	592 898,254	12,444	11,984
52	75	77 489	46 188,048	545 252,368	11,805	11,345
53	76	75 675	44 660,254	499 064,320	11,175	10,715
54	77	73 654	43 037,293	454 404,066	10,558	10,098
55	78	71 453	41 337,544	411 366,773	9,951	9,491
56	79	69 018	39 533,599	370 029,229	9,360	8,900
57	80	66 290	37 594,934	330 495,630	8,791	8,331
58	81	63 263	35 523,165	292 900,696	8,245	7,785
59	82	59 965	33 337,922	257 377,532	7,720	7,260
60	83	56 420	31 056,212	224 039,610	7,214	6,754
61	84	52 609	28 671,964	192 983,398	6,731	6,271
62	85	48 533	26 188,844	164 311,434	6,274	5,814
63	86	44 243	23 637,075	138 122,590	5,843	5,383
64	87	39 782	21 043,694	114 485,515	5,440	4,980
65	88	35 246	18 459,649	93 441,821	5,062	4,602
66	89	30 720	15 929,626	74 982,172	4,707	4,247
67	90	26 261	13 483,027	59 052,546	4,380	3,920
68	91	21 975	11 170,424	45 569,519	4,079	3,619
69	92	17 955	9 036,890	34 399,095	3,807	3,347
70	93	14 287	7 119,252	25 362,205	3,562	3,103
71	94	11 045	5 449,289	18 242,953	3,348	2,888
72	95	8 241	4 025,851	12 793,664	3,178	2,718
73	96	6 027	2 915,074	8 767,813	3,008	2,548
74	97	4 278	2 048,759	5 852,740	2,857	2,397
75	98	2 997	1 421,132	3 803,981	2,677	2,217
76	99	2 013	944,994	2 382,849	2,522	2,062
77	100	1 297	602,805	1 437,856	2,385	1,925

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	4 384 359,593	44,103	43,643
1	25	99 042	98 061,821	4 284 947,782	43,696	43,236
2	26	98 997	97 046,366	4 186 885,961	43,143	42,683
3	27	98 962	96 051,832	4 089 839,596	42,580	42,120
4	28	98 928	95 067,809	3 993 787,764	42,010	41,550
5	29	98 892	94 092,155	3 898 719,955	41,435	40,975
6	30	98 857	93 127,664	3 804 627,800	40,854	40,394
7	31	98 817	92 168,670	3 711 500,136	40,269	39,809
8	32	98 777	91 219,299	3 619 331,465	39,677	39,217
9	33	98 735	90 277,439	3 528 112,166	39,081	38,621
10	34	98 692	89 344,593	3 437 834,727	38,478	38,018
11	35	98 646	88 418,595	3 348 490,133	37,871	37,411
12	36	98 597	87 500,114	3 260 071,539	37,258	36,798
13	37	98 543	86 586,373	3 172 571,425	36,641	36,181
14	38	98 489	85 681,433	3 085 985,052	36,017	35,557
15	39	98 419	84 773,178	3 000 303,619	35,392	34,932
16	40	98 346	83 871,233	2 915 530,441	34,762	34,302
17	41	98 254	82 963,091	2 831 659,208	34,132	33,672
18	42	98 150	82 054,945	2 748 696,118	33,498	33,038
19	43	98 031	81 143,986	2 666 641,172	32,863	32,403
20	44	97 902	80 234,762	2 585 497,187	32,224	31,764
21	45	97 758	79 323,556	2 505 262,425	31,583	31,123
22	46	97 605	78 415,759	2 425 938,869	30,937	30,477
23	47	97 437	77 505,813	2 347 523,110	30,288	29,828
24	48	97 253	76 593,232	2 270 017,297	29,637	29,177
25	49	97 051	75 676,979	2 193 424,065	28,984	28,524
26	50	96 828	74 755,989	2 117 747,086	28,329	27,869
27	51	96 592	73 834,969	2 042 991,097	27,670	27,210
28	52	96 327	72 903,968	1 969 156,127	27,010	26,550
29	53	96 041	71 967,829	1 896 252,159	26,349	25,889
30	54	95 724	71 019,836	1 824 284,331	25,687	25,227
31	55	95 381	70 064,653	1 753 264,494	25,024	24,564
32	56	94 999	69 093,498	1 683 199,841	24,361	23,901
33	57	94 589	68 114,089	1 614 106,343	23,697	23,237
34	58	94 145	67 122,759	1 545 992,254	23,032	22,572
35	59	93 654	66 111,779	1 478 869,495	22,369	21,909
36	60	93 119	65 083,219	1 412 757,716	21,707	21,247
37	61	92 535	64 034,573	1 347 674,497	21,046	20,586
38	62	91 931	62 986,761	1 283 639,925	20,380	19,920
39	63	91 276	61 919,120	1 220 653,163	19,714	19,254
40	64	90 576	60 835,927	1 158 734,043	19,047	18,587
41	65	89 803	59 719,503	1 097 898,116	18,384	17,924
42	66	88 966	58 576,788	1 038 178,613	17,723	17,263
43	67	88 057	57 404,531	979 601,825	17,065	16,605
44	68	87 061	56 193,001	922 197,294	16,411	15,951
45	69	86 017	54 969,439	866 004,293	15,754	15,294
46	70	84 882	53 707,122	811 034,854	15,101	14,641
47	71	83 665	52 412,743	757 327,732	14,449	13,989
48	72	82 339	51 071,661	704 914,989	13,802	13,342
49	73	80 927	49 698,593	653 843,328	13,156	12,696
50	74	79 423	48 292,225	604 144,735	12,510	12,050
51	75	77 790	46 830,741	555 852,510	11,869	11,409
52	76	76 012	45 307,356	509 021,769	11,235	10,775
53	77	74 024	43 685,495	463 714,413	10,615	10,155
54	78	71 853	41 984,950	420 028,918	10,004	9,544
55	79	69 445	40 175,949	378 043,967	9,410	8,950
56	80	66 746	38 232,023	337 868,018	8,837	8,377
57	81	63 744	36 150,989	299 635,995	8,288	7,828
58	82	60 476	33 957,922	263 485,007	7,759	7,299
59	83	56 946	31 659,639	229 527,084	7,250	6,790
60	84	53 143	29 252,408	197 867,445	6,764	6,304
61	85	49 073	26 744,607	168 615,037	6,305	5,845
62	86	44 786	24 166,507	141 870,430	5,871	5,411
63	87	40 309	21 535,558	117 703,923	5,466	5,006
64	88	35 757	18 914,282	96 168,365	5,084	4,624
65	89	31 199	16 340,018	77 254,083	4,728	4,268
66	90	26 698	13 844,149	60 914,065	4,400	3,940
67	91	22 376	11 488,389	47 069,915	4,097	3,637
68	92	18 298	9 301,221	35 581,526	3,825	3,365
69	93	14 588	7 341,945	26 280,305	3,579	3,119
70	94	11 298	5 629,917	18 938,360	3,364	2,904
71	95	8 447	4 167,766	13 308,443	3,193	2,733
72	96	6 189	3 023,280	9 140,678	3,023	2,563
73	97	4 403	2 129,503	6 117,398	2,873	2,413
74	98	3 093	1 481,138	3 987,895	2,692	2,232
75	99	2 084	988,070	2 506,756	2,537	2,077
76	100	1 348	632,647	1 518,687	2,401	1,941

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	4 335 215,665	43,616	43,156
1	26	99 024	98 043,537	4 235 820,713	43,203	42,743
2	27	98 978	97 027,483	4 137 777,176	42,645	42,185
3	28	98 941	96 030,851	4 040 749,693	42,078	41,618
4	29	98 903	95 044,100	3 944 718,842	41,504	41,044
5	30	98 866	94 067,806	3 849 674,742	40,924	40,464
6	31	98 828	93 100,012	3 755 606,937	40,339	39,880
7	32	98 786	92 139,250	3 662 506,925	39,750	39,290
8	33	98 743	91 187,642	3 570 367,674	39,154	38,694
9	34	98 700	90 245,296	3 479 180,032	38,552	38,093
10	35	98 653	89 309,649	3 388 934,736	37,946	37,486
11	36	98 606	88 383,008	3 299 625,087	37,333	36,873
12	37	98 551	87 459,090	3 211 242,079	36,717	36,257
13	38	98 498	86 546,524	3 123 782,990	36,094	35,634
14	39	98 431	85 631,253	3 037 236,466	35,469	35,009
15	40	98 360	84 722,679	2 951 605,213	34,838	34,378
16	41	98 279	83 814,309	2 866 882,535	34,205	33,745
17	42	98 179	82 899,802	2 783 068,225	33,571	33,111
18	43	98 068	81 986,855	2 700 168,424	32,934	32,474
19	44	97 943	81 070,962	2 618 181,569	32,295	31,835
20	45	97 802	80 152,919	2 537 110,607	31,653	31,193
21	46	97 649	79 235,351	2 456 957,688	31,008	30,548
22	47	97 481	78 316,193	2 377 722,336	30,361	29,901
23	48	97 298	77 394,705	2 299 406,144	29,710	29,250
24	49	97 098	76 470,715	2 222 011,439	29,057	28,597
25	50	96 875	75 539,894	2 145 540,724	28,403	27,943
26	51	96 637	74 608,670	2 070 000,830	27,745	27,285
27	52	96 378	73 671,884	1 995 392,159	27,085	26,625
28	53	96 091	72 724,967	1 921 720,275	26,424	25,965
29	54	95 779	71 771,131	1 848 995,309	25,762	25,302
30	55	95 436	70 806,092	1 777 224,178	25,100	24,640
31	56	95 065	69 832,502	1 706 418,085	24,436	23,976
32	57	94 656	68 843,457	1 636 585,584	23,773	23,313
33	58	94 212	67 842,159	1 567 742,127	23,109	22,649
34	59	93 730	66 826,710	1 499 899,968	22,445	21,985
35	60	93 202	65 792,458	1 433 073,258	21,782	21,322
36	61	92 617	64 732,354	1 367 280,800	21,122	20,662
37	62	92 017	63 676,292	1 302 548,446	20,456	19,996
38	63	91 372	62 604,014	1 238 872,153	19,789	19,329
39	64	90 675	61 511,419	1 176 268,139	19,123	18,663
40	65	89 916	60 392,594	1 114 756,720	18,459	17,999
41	66	89 084	59 241,021	1 054 364,126	17,798	17,338
42	67	88 189	58 065,095	995 123,105	17,138	16,678
43	68	87 204	56 848,028	937 058,011	16,484	16,024
44	69	86 171	55 619,001	880 209,982	15,826	15,366
45	70	85 056	54 355,310	824 590,981	15,170	14,710
46	71	83 848	53 052,780	770 235,671	14,518	14,058
47	72	82 544	51 710,918	717 182,891	13,869	13,409
48	73	81 153	50 335,753	665 471,973	13,221	12,761
49	74	79 674	48 929,121	615 136,220	12,572	12,112
50	75	78 064	47 466,022	566 207,099	11,929	11,469
51	76	76 306	45 937,795	518 741,077	11,292	10,832
52	77	74 353	44 318,474	472 803,282	10,668	10,208
53	78	72 214	42 617,303	428 484,808	10,054	9,594
54	79	69 834	40 805,163	385 867,506	9,456	8,996
55	80	67 159	38 853,224	345 062,343	8,881	8,421
56	81	64 182	36 763,609	306 209,118	8,329	7,869
57	82	60 935	34 558,083	269 445,510	7,797	7,337
58	83	57 431	32 248,428	234 887,427	7,284	6,824
59	84	53 639	29 820,787	202 638,999	6,795	6,335
60	85	49 570	27 286,033	172 818,212	6,334	5,874
61	86	45 283	24 679,353	145 532,178	5,897	5,437
62	87	40 804	22 017,919	120 852,825	5,489	5,029
63	88	36 230	19 356,374	98 834,906	5,106	4,646
64	89	31 651	16 742,448	79 478,532	4,747	4,287
65	90	27 115	14 200,814	62 736,084	4,418	3,958
66	91	22 748	11 796,088	48 535,270	4,115	3,655
67	92	18 632	9 565,980	36 739,181	3,841	3,381
68	93	14 866	7 556,699	27 173,202	3,596	3,136
69	94	11 536	5 806,023	19 616,503	3,379	2,919
70	95	8 641	4 305,914	13 810,480	3,207	2,747
71	96	6 344	3 129,853	9 504,566	3,037	2,577
72	97	4 521	2 208,549	6 374,713	2,886	2,426
73	98	3 183	1 539,512	4 166,164	2,706	2,246
74	99	2 150	1 029,791	2 626,652	2,551	2,091
75	100	1 395	661,486	1 596,861	2,414	1,954

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	98 658,753	5 123 589,415	51,932	51,472
2	1	99 313	97 356,123	5 024 930,661	51,614	51,154
3	2	99 275	96 354,898	4 927 574,539	51,140	50,680
4	3	99 250	95 377,248	4 831 219,641	50,654	50,194
5	4	99 227	94 410,717	4 735 842,393	50,162	49,702
6	5	99 208	93 458,649	4 641 431,676	49,663	49,203
7	6	99 191	92 516,781	4 547 973,026	49,158	48,698
8	7	99 176	91 587,032	4 455 456,245	48,647	48,187
9	8	99 163	90 668,373	4 363 869,213	48,130	47,670
10	9	99 149	89 757,890	4 273 200,841	47,608	47,148
11	10	99 135	88 856,613	4 183 442,951	47,081	46,621
12	11	99 120	87 963,776	4 094 586,338	46,549	46,089
13	12	99 105	87 079,536	4 006 622,562	46,011	45,551
14	13	99 087	86 202,297	3 919 543,026	45,469	45,009
15	14	99 067	85 331,186	3 833 340,729	44,923	44,463
16	15	99 042	84 464,760	3 748 009,543	44,374	43,914
17	16	99 004	83 596,476	3 663 544,783	43,824	43,364
18	17	98 961	82 732,844	3 579 948,308	43,271	42,811
19	18	98 908	81 870,316	3 497 215,464	42,717	42,257
20	19	98 847	81 009,372	3 415 345,148	42,160	41,700
21	20	98 783	80 155,671	3 334 335,776	41,598	41,138
22	21	98 721	79 311,871	3 254 180,105	41,030	40,570
23	22	98 660	78 478,193	3 174 868,234	40,455	39,995
24	23	98 598	77 652,060	3 096 390,041	39,875	39,415
25	24	98 528	76 829,388	3 018 737,981	39,291	38,831
26	25	98 464	76 019,209	2 941 908,593	38,700	38,240
27	26	98 399	75 216,853	2 865 889,384	38,102	37,642
28	27	98 328	74 418,350	2 790 672,531	37,500	37,040
29	28	98 256	73 627,497	2 716 254,181	36,892	36,432
30	29	98 175	72 838,600	2 642 626,684	36,281	35,821
31	30	98 093	72 057,226	2 569 788,084	35,663	35,203
32	31	97 997	71 273,509	2 497 730,859	35,044	34,584
33	32	97 897	70 495,887	2 426 457,349	34,420	33,960
34	33	97 793	69 724,141	2 355 961,462	33,790	33,330
35	34	97 680	68 953,652	2 286 237,321	33,156	32,696
36	35	97 555	68 183,657	2 217 283,669	32,519	32,059
37	36	97 429	67 421,526	2 149 100,011	31,876	31,416
38	37	97 292	66 660,171	2 081 678,485	31,228	30,768
39	38	97 145	65 900,559	2 015 018,315	30,577	30,117
40	39	96 983	65 138,696	1 949 117,755	29,923	29,463
41	40	96 803	64 374,338	1 883 979,059	29,266	28,806
42	41	96 609	63 609,347	1 819 604,721	28,606	28,146
43	42	96 392	62 837,737	1 755 995,374	27,945	27,485
44	43	96 154	62 062,151	1 693 157,637	27,282	26,822
45	44	95 895	61 282,142	1 631 095,486	26,616	26,156
46	45	95 601	60 489,586	1 569 813,344	25,952	25,492
47	46	95 286	59 693,380	1 509 323,758	25,285	24,825
48	47	94 929	58 880,587	1 449 630,378	24,620	24,160
49	48	94 529	58 051,924	1 390 749,791	23,957	23,497
50	49	94 081	57 204,629	1 332 697,867	23,297	22,837
51	50	93 580	56 336,772	1 275 493,238	22,641	22,181
52	51	93 035	55 454,123	1 219 156,466	21,985	21,525
53	52	92 418	54 541,363	1 163 702,343	21,336	20,876
54	53	91 732	53 600,154	1 109 160,980	20,693	20,233
55	54	90 971	52 629,403	1 055 560,827	20,056	19,597
56	55	90 140	51 632,080	1 002 931,423	19,425	18,965
57	56	89 227	50 603,469	951 299,344	18,799	18,339
58	57	88 234	49 544,705	900 695,875	18,179	17,719
59	58	87 140	48 445,937	851 151,170	17,569	17,109
60	59	85 953	47 312,965	802 705,233	16,966	16,506
61	60	84 679	46 150,165	755 392,268	16,368	15,908
62	61	83 297	44 947,520	709 242,104	15,779	15,319
63	62	81 827	43 716,849	664 294,584	15,195	14,735
64	63	80 267	42 458,789	620 577,735	14,616	14,156
65	64	78 600	41 165,382	578 118,946	14,044	13,584
66	65	76 828	39 839,029	536 953,564	13,478	13,018
67	66	74 967	38 488,963	497 114,535	12,916	12,456
68	67	72 978	37 096,789	458 625,572	12,363	11,903
69	68	70 918	35 693,125	421 528,784	11,810	11,350
70	69	68 746	34 256,955	385 835,659	11,263	10,803
71	70	66 455	32 787,427	351 578,704	10,723	10,263
72	71	64 044	31 285,132	318 791,277	10,190	9,730
73	72	61 534	29 761,484	287 506,146	9,660	9,200
74	73	58 931	28 220,431	257 744,662	9,133	8,673
75	74	56 225	26 657,879	229 524,231	8,610	8,150
76	75	53 382	25 059,502	202 866,352	8,095	7,635
77	76	50 393	23 422,151	177 806,850	7,591	7,131
78	77	47 260	21 748,264	154 384,698	7,099	6,639
79	78	43 972	20 035,027	132 636,434	6,620	6,160
80	79	40 502	18 271,374	112 601,408	6,163	5,703
81	80	36 874	16 469,931	94 330,033	5,727	5,267
82	81	33 099	14 637,269	77 860,102	5,319	4,859
83	82	29 275	12 817,909	63 222,833	4,932	4,472
84	83	25 443	11 030,068	50 404,924	4,570	4,110
85	84	21 681	9 306,010	39 374,856	4,231	3,771
86	85	18 049	7 670,474	30 068,846	3,920	3,460
87	86	14 656	6 166,954	22 398,372	3,632	3,172
88	87	11 578	4 823,211	16 231,418	3,365	2,905
89	88	8 871	3 658,979	11 408,207	3,118	2,658
90	89	6 577	2 685,848	7 749,229	2,885	2,425
91	90	4 689	1 896,140	5 063,381	2,670	2,210
92	91	3 187	1 275,861	3 167,241	2,482	2,022
93	92	2 059	815,989	1 891,380	2,318	1,858
94	93	1 265	496,332	1 075,390	2,167	1,707
95	94	727	282,328	579,058	2,051	1,591
96	95	397	152,664	296,731	1,944	1,484
97	96	205	78,026	144,067	1,846	1,386
98	97	99	37,359	66,041	1,768	1,308
99	98	46	17,072	28,683	1,680	1,220
100	99	20	7,231	11,611	1,606	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	97 655,325	5 041 373,781	51,624	51,164
3	1	99 297	96 377,167	4 943 718,456	51,296	50,836
4	2	99 262	95 388,607	4 847 341,289	50,817	50,357
5	3	99 238	94 421,966	4 751 952,683	50,327	49,867
6	4	99 217	93 467,149	4 657 530,717	49,831	49,371
7	5	99 198	92 523,720	4 564 063,568	49,329	48,869
8	6	99 182	91 593,061	4 471 539,848	48,820	48,360
9	7	99 168	90 672,842	4 379 946,787	48,305	47,845
10	8	99 155	89 763,447	4 289 273,945	47,784	47,324
11	9	99 141	88 862,363	4 199 510,497	47,259	46,799
12	10	99 126	87 968,988	4 110 648,134	46,728	46,268
13	11	99 112	87 086,023	4 022 679,146	46,192	45,732
14	12	99 095	86 209,118	3 935 593,123	45,652	45,192
15	13	99 075	85 338,501	3 849 384,006	45,107	44,647
16	14	99 052	84 473,624	3 764 045,505	44,559	44,099
17	15	99 016	83 606,935	3 679 571,881	44,010	43,550
18	16	98 975	82 744,519	3 595 964,946	43,459	42,999
19	17	98 923	81 882,305	3 513 220,427	42,906	42,446
20	18	98 867	81 025,872	3 431 338,122	42,349	41,889
21	19	98 802	80 171,146	3 350 312,250	41,790	41,330
22	20	98 739	79 326,560	3 270 141,104	41,224	40,764
23	21	98 676	78 491,188	3 190 814,544	40,652	40,192
24	22	98 615	77 665,500	3 112 323,356	40,073	39,613
25	23	98 550	76 846,063	3 034 657,856	39,490	39,030
26	24	98 481	76 032,102	2 957 811,794	38,902	38,442
27	25	98 418	75 230,880	2 881 779,692	38,306	37,846
28	26	98 347	74 432,833	2 806 548,811	37,706	37,246
29	27	98 278	73 643,582	2 732 115,979	37,099	36,639
30	28	98 200	72 856,770	2 658 472,396	36,489	36,029
31	29	98 119	72 075,878	2 585 615,626	35,874	35,414
32	30	98 026	71 294,679	2 513 539,749	35,256	34,796
33	31	97 928	70 518,396	2 442 245,070	34,633	34,173
34	32	97 827	69 748,347	2 371 726,674	34,004	33,544
35	33	97 715	68 978,212	2 301 978,327	33,373	32,913
36	34	97 593	68 210,336	2 233 000,115	32,737	32,277
37	35	97 468	67 448,673	2 164 789,779	32,095	31,635
38	36	97 338	66 691,439	2 097 341,106	31,448	30,988
39	37	97 190	65 930,902	2 030 649,667	30,800	30,340
40	38	97 039	65 176,868	1 964 718,765	30,144	29,684
41	39	96 861	64 412,709	1 899 541,897	29,490	29,030
42	40	96 675	63 652,548	1 835 129,188	28,830	28,370
43	41	96 465	62 885,710	1 771 476,641	28,170	27,710
44	42	96 234	62 113,694	1 708 590,931	27,507	27,047
45	43	95 981	61 337,341	1 646 477,236	26,843	26,383
46	44	95 699	60 551,351	1 585 139,895	26,178	25,718
47	45	95 392	59 759,831	1 524 588,544	25,512	25,052
48	46	95 050	58 955,444	1 464 828,714	24,846	24,386
49	47	94 664	58 135,264	1 405 873,270	24,183	23,723
50	48	94 231	57 296,279	1 347 738,006	23,522	23,062
51	49	93 750	56 439,008	1 290 441,727	22,864	22,404
52	50	93 218	55 563,620	1 234 002,719	22,209	21,749
53	51	92 623	54 662,099	1 178 439,099	21,559	21,099
54	52	91 958	53 732,082	1 123 777,000	20,914	20,454
55	53	91 221	52 773,641	1 070 044,918	20,276	19,816
56	54	90 412	51 787,943	1 017 271,277	19,643	19,183
57	55	89 524	50 771,695	965 483,334	19,016	18,556
58	56	88 555	49 724,652	914 711,639	18,396	17,936
59	57	87 489	48 640,122	864 986,986	17,783	17,323
60	58	86 334	47 522,566	816 346,864	17,178	16,718
61	59	85 090	46 374,152	768 824,299	16,579	16,119
62	60	83 749	45 191,146	722 450,146	15,987	15,527
63	61	82 287	43 962,826	677 259,000	15,405	14,945
64	62	80 757	42 718,373	633 296,174	14,825	14,365
65	63	79 121	41 438,228	590 577,801	14,252	13,792
66	64	77 392	40 131,481	549 139,573	13,684	13,224
67	65	75 572	38 799,833	509 008,092	13,119	12,659
68	66	73 621	37 423,700	470 208,259	12,564	12,104
69	67	71 613	36 042,536	432 784,558	12,008	11,548
70	68	69 455	34 610,494	396 742,023	11,463	11,003
71	69	67 205	33 157,873	362 131,529	10,921	10,461
72	70	64 834	31 670,996	328 973,656	10,387	9,927
73	71	62 369	30 165,409	297 302,660	9,856	9,396
74	72	59 793	28 633,014	267 137,251	9,330	8,870
75	73	57 109	27 077,107	238 504,237	8,808	8,348
76	74	54 311	25 495,693	211 427,130	8,293	7,833
77	75	51 373	23 877,435	185 931,437	7,787	7,327
78	76	48 314	22 233,535	162 054,002	7,289	6,829
79	77	45 074	20 537,200	139 820,467	6,808	6,348
80	78	41 673	18 799,649	119 283,267	6,345	5,885
81	79	38 130	17 030,636	100 483,618	5,900	5,440
82	80	34 421	15 221,912	83 452,982	5,482	5,022
83	81	30 624	13 408,732	68 231,070	5,089	4,629
84	82	26 792	11 614,774	54 822,338	4,720	4,260
85	83	23 018	9 879,851	43 207,565	4,373	3,913
86	84	19 350	8 223,248	33 327,714	4,053	3,593
87	85	15 883	6 683,026	25 104,465	3,756	3,296
88	86	12 707	5 293,877	18 421,439	3,480	3,020
89	87	9 869	4 070,915	13 127,562	3,225	2,765
90	88	7 430	3 034,257	9 056,648	2,985	2,525
91	89	5 396	2 181,774	6 022,391	2,760	2,300
92	90	3 740	1 497,379	3 840,617	2,565	2,105
93	91	2 472	979,973	2 343,238	2,391	1,931
94	92	1 557	610,914	1 363,266	2,232	1,772
95	93	919	357,014	752,352	2,107	1,647
96	94	519	199,605	395,337	1,981	1,521
97	95	273	103,901	195,732	1,884	1,424
98	96	136	51,140	91,831	1,796	1,336
99	97	63	23,614	40,691	1,723	1,263
100	98	28	10,400	17,077	1,642	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	96 673,360	4 958 960,018	51,296	50,836
4	1	99 285	95 410,652	4 862 286,658	50,962	50,502
5	2	99 250	94 433,211	4 766 876,006	50,479	50,019
6	3	99 229	93 478,285	4 672 442,795	49,984	49,524
7	4	99 207	92 532,134	4 578 964,509	49,485	49,025
8	5	99 190	91 599,931	4 486 432,375	48,979	48,519
9	6	99 174	90 678,812	4 394 832,445	48,466	48,006
10	7	99 160	89 767,872	4 304 153,633	47,948	47,488
11	8	99 147	88 867,865	4 214 385,761	47,423	46,963
12	9	99 132	87 974,681	4 125 517,896	46,894	46,434
13	10	99 118	87 091,183	4 037 543,215	46,360	45,900
14	11	99 103	86 215,539	3 950 452,032	45,821	45,361
15	12	99 083	85 345,253	3 864 236,493	45,278	44,818
16	13	99 060	84 480,866	3 778 891,240	44,731	44,271
17	14	99 026	83 615,710	3 694 410,374	44,183	43,723
18	15	98 987	82 754,872	3 610 794,665	43,632	43,172
19	16	98 937	81 893,861	3 528 039,793	43,081	42,621
20	17	98 881	81 037,737	3 446 145,932	42,525	42,065
21	18	98 822	80 187,475	3 365 108,195	41,966	41,506
22	19	98 758	79 341,874	3 284 920,719	41,402	40,942
23	20	98 694	78 505,725	3 205 578,845	40,832	40,372
24	21	98 631	77 678,360	3 127 073,120	40,257	39,797
25	22	98 567	76 859,363	3 049 394,760	39,675	39,215
26	23	98 502	76 048,603	2 972 535,397	39,087	38,627
27	24	98 434	75 243,640	2 896 486,794	38,495	38,035
28	25	98 366	74 446,714	2 821 243,154	37,896	37,436
29	26	98 297	73 657,914	2 746 796,440	37,291	36,831
30	27	98 221	72 872,687	2 673 138,526	36,682	36,222
31	28	98 143	72 093,858	2 600 265,839	36,068	35,608
32	29	98 051	71 313,133	2 528 171,981	35,452	34,992
33	30	97 957	70 539,342	2 456 858,848	34,830	34,370
34	31	97 859	69 770,617	2 386 319,506	34,202	33,742
35	32	97 749	69 002,159	2 316 548,889	33,572	33,112
36	33	97 628	68 234,630	2 247 546,730	32,939	32,479
37	34	97 507	67 475,063	2 179 312,099	32,298	31,838
38	35	97 377	66 718,292	2 111 837,036	31,653	31,193
39	36	97 236	65 961,828	2 045 118,744	31,005	30,545
40	37	97 084	65 206,877	1 979 156,916	30,352	29,892
41	38	96 918	64 450,455	1 913 950,038	29,696	29,236
42	39	96 732	63 690,488	1 849 499,583	29,039	28,579
43	40	96 531	62 928,419	1 785 809,095	28,378	27,918
44	41	96 307	62 161,114	1 722 880,675	27,716	27,256
45	42	96 061	61 388,282	1 660 719,561	27,053	26,593
46	43	95 785	60 605,892	1 599 331,279	26,389	25,929
47	44	95 490	59 820,850	1 538 725,387	25,722	25,262
48	45	95 155	59 021,073	1 478 904,537	25,057	24,597
49	46	94 785	58 209,174	1 419 883,464	24,393	23,933
50	47	94 367	57 378,533	1 361 674,290	23,731	23,271
51	48	93 900	56 529,431	1 304 295,757	23,073	22,613
52	49	93 388	55 664,453	1 247 766,326	22,416	21,956
53	50	92 806	54 770,033	1 192 101,872	21,766	21,306
54	51	92 161	53 851,027	1 137 331,840	21,120	20,660
55	52	91 445	52 903,535	1 083 480,813	20,480	20,020
56	53	90 660	51 929,874	1 030 577,277	19,846	19,386
57	54	89 794	50 924,961	978 647,403	19,217	18,757
58	55	88 849	49 889,957	927 722,442	18,595	18,135
59	56	87 807	48 816,784	877 832,485	17,982	17,522
60	57	86 680	47 713,050	829 015,701	17,375	16,915
61	58	85 467	46 579,594	781 302,651	16,773	16,314
62	59	84 155	45 410,479	734 723,057	16,180	15,720
63	60	82 733	44 201,115	689 312,578	15,595	15,135
64	61	81 212	42 958,732	645 111,463	15,017	14,557
65	62	79 604	41 691,572	602 152,731	14,443	13,983
66	63	77 905	40 397,475	560 461,159	13,874	13,414
67	64	76 127	39 084,657	520 063,684	13,306	12,846
68	65	74 215	37 725,967	480 979,027	12,749	12,289
69	66	72 244	36 360,157	443 253,060	12,191	11,731
70	67	70 135	34 949,307	406 892,903	11,642	11,182
71	68	67 899	33 500,069	371 943,597	11,103	10,643
72	69	65 566	32 028,828	338 443,528	10,567	10,107
73	70	63 138	30 537,463	306 414,700	10,034	9,574
74	71	60 604	29 021,624	275 877,236	9,506	9,046
75	72	57 944	27 472,974	246 855,613	8,985	8,525
76	73	55 166	25 896,645	219 382,639	8,471	8,011
77	74	52 267	24 293,051	193 485,994	7,965	7,505
78	75	49 253	22 665,714	169 192,943	7,465	7,005
79	76	46 080	20 995,448	146 527,229	6,979	6,519
80	77	42 718	19 270,858	125 531,781	6,514	6,054
81	78	39 232	17 523,038	106 260,923	6,064	5,604
82	79	35 593	15 740,129	88 737,886	5,638	5,178
83	80	31 847	13 944,304	72 997,757	5,235	4,775
84	81	28 027	12 150,140	59 053,452	4,860	4,400
85	82	24 238	10 403,583	46 903,312	4,508	4,048
86	83	20 543	8 730,322	36 499,729	4,181	3,721
87	84	17 028	7 164,640	27 769,407	3,876	3,416
88	85	13 771	5 736,887	20 604,767	3,592	3,132
89	86	10 833	4 468,169	14 867,880	3,328	2,868
90	87	8 266	3 375,860	10 399,711	3,081	2,621
91	88	6 096	2 464,794	7 023,851	2,850	2,390
92	89	4 304	1 722,943	4 559,057	2,646	2,186
93	90	2 902	1 150,118	2 836,114	2,466	2,006
94	91	1 869	733,685	1 685,996	2,298	1,838
95	92	1 131	439,434	952,310	2,167	1,707
96	93	656	252,409	512,876	2,032	1,572
97	94	357	135,848	260,468	1,917	1,457
98	95	181	68,099	124,619	1,830	1,370
99	96	87	32,325	56,520	1,748	1,288
100	97	39	14,385	24,195	1,682	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	95 703,875	4 876 386,835	50,953	50,493
5	1	99 273	94 455,036	4 780 682,960	50,613	50,153
6	2	99 241	93 489,418	4 686 227,924	50,126	49,666
7	3	99 219	92 543,160	4 592 738,506	49,628	49,168
8	4	99 199	91 608,261	4 500 195,347	49,124	48,664
9	5	99 182	90 685,612	4 408 587,086	48,614	48,154
10	6	99 166	89 773,782	4 317 901,474	48,098	47,638
11	7	99 152	88 872,246	4 228 127,692	47,575	47,115
12	8	99 138	87 980,128	4 139 255,446	47,048	46,588
13	9	99 124	87 096,819	4 051 275,318	46,515	46,055
14	10	99 108	86 220,648	3 964 178,499	45,977	45,517
15	11	99 091	85 351,610	3 877 957,851	45,435	44,975
16	12	99 068	84 487,550	3 792 606,241	44,890	44,430
17	13	99 035	83 622,878	3 708 118,691	44,343	43,883
18	14	98 997	82 763,557	3 624 495,814	43,793	43,333
19	15	98 949	81 904,107	3 541 732,257	43,242	42,782
20	16	98 895	81 049,173	3 459 828,150	42,688	42,228
21	17	98 837	80 199,218	3 378 778,976	42,130	41,670
22	18	98 778	79 358,035	3 298 579,758	41,566	41,106
23	19	98 714	78 520,881	3 219 221,723	40,998	40,538
24	20	98 649	77 692,747	3 140 700,842	40,425	39,965
25	21	98 583	76 872,089	3 063 008,095	39,846	39,386
26	22	98 519	76 061,765	2 986 136,006	39,259	38,799
27	23	98 456	75 259,970	2 910 074,241	38,667	38,207
28	24	98 382	74 459,340	2 834 814,271	38,072	37,612
29	25	98 315	73 671,651	2 760 354,931	37,468	37,008
30	26	98 240	72 886,869	2 686 683,279	36,861	36,401
31	27	98 165	72 109,608	2 613 796,410	36,248	35,788
32	28	98 076	71 330,923	2 541 686,802	35,632	35,172
33	29	97 983	70 557,601	2 470 355,879	35,012	34,552
34	30	97 888	69 791,341	2 399 798,278	34,385	33,925
35	31	97 780	69 024,191	2 330 006,938	33,756	33,296
36	32	97 662	68 258,319	2 260 982,747	33,124	32,664
37	33	97 541	67 499,096	2 192 724,427	32,485	32,025
38	34	97 415	66 744,397	2 125 225,331	31,841	31,381
39	35	97 275	65 988,387	2 058 480,934	31,195	30,735
40	36	97 130	65 237,464	1 992 492,547	30,542	30,082
41	37	96 962	64 480,130	1 927 255,083	29,889	29,429
42	38	96 789	63 727,811	1 862 774,953	29,230	28,770
43	39	96 588	62 965,928	1 799 047,142	28,572	28,112
44	40	96 373	62 203,332	1 736 081,213	27,910	27,450
45	41	96 134	61 435,148	1 673 877,882	27,246	26,786
46	42	95 865	60 656,225	1 612 442,733	26,583	26,123
47	43	95 576	59 874,734	1 551 786,508	25,917	25,457
48	44	95 252	59 081,338	1 491 911,775	25,252	24,792
49	45	94 890	58 273,972	1 432 830,436	24,588	24,128
50	46	94 487	57 451,481	1 374 556,465	23,926	23,466
51	47	94 035	56 610,585	1 317 104,983	23,266	22,806
52	48	93 537	55 753,636	1 260 494,398	22,608	22,148
53	49	92 974	54 869,426	1 204 740,763	21,957	21,497
54	50	92 343	53 957,359	1 149 871,337	21,311	20,851
55	51	91 647	53 020,646	1 095 913,978	20,670	20,210
56	52	90 883	52 057,692	1 042 893,332	20,033	19,573
57	53	90 040	51 064,527	990 835,640	19,404	18,944
58	54	89 117	50 040,561	939 771,113	18,780	18,320
59	55	88 099	48 979,071	889 730,552	18,166	17,706
60	56	86 995	47 886,345	840 751,480	17,557	17,097
61	57	85 810	46 766,298	792 865,136	16,954	16,494
62	58	84 528	45 611,652	746 098,838	16,358	15,898
63	59	83 135	44 415,642	700 487,186	15,771	15,311
64	60	81 652	43 191,578	656 071,543	15,190	14,730
65	61	80 052	41 926,154	612 879,965	14,618	14,158
66	62	78 381	40 644,456	570 953,811	14,048	13,588
67	63	76 632	39 343,713	530 309,355	13,479	13,019
68	64	74 760	38 002,908	490 965,642	12,919	12,459
69	65	72 827	36 653,833	452 962,735	12,358	11,898
70	66	70 753	35 257,294	416 308,902	11,808	11,348
71	67	68 564	33 828,011	381 051,608	11,264	10,804
72	68	66 243	32 359,372	347 223,596	10,730	10,270
73	69	63 852	30 882,488	314 864,224	10,196	9,736
74	70	61 352	29 379,570	283 981,736	9,666	9,206
75	71	58 730	27 845,840	254 602,165	9,143	8,683
76	72	55 972	26 275,253	226 756,325	8,630	8,170
77	73	53 089	24 675,089	200 481,072	8,125	7,665
78	74	50 111	23 060,238	175 805,983	7,624	7,164
79	75	46 976	21 403,561	152 745,745	7,136	6,676
80	76	43 671	19 700,850	131 342,184	6,667	6,207
81	77	40 215	17 962,248	111 641,333	6,215	5,755
82	78	36 622	16 195,218	93 679,085	5,784	5,324
83	79	32 931	14 419,026	77 483,867	5,374	4,914
84	80	29 146	12 635,442	63 064,841	4,991	4,531
85	81	25 355	10 883,122	50 429,399	4,634	4,174
86	82	21 632	9 193,118	39 546,277	4,302	3,842
87	83	18 078	7 606,436	30 353,159	3,990	3,530
88	84	14 763	6 150,317	22 746,723	3,698	3,238
89	85	11 739	4 842,081	16 596,406	3,428	2,968
90	86	9 073	3 705,289	11 754,325	3,172	2,712
91	87	6 782	2 742,286	8 049,036	2,935	2,475
92	88	4 862	1 946,444	5 306,750	2,726	2,266
93	89	3 339	1 323,371	3 360,306	2,539	2,079
94	90	2 194	861,069	2 036,935	2,366	1,906
95	91	1 358	527,744	1 175,866	2,228	1,768
96	92	808	310,679	648,122	2,086	1,626
97	93	451	171,786	337,443	1,964	1,504
98	94	236	89,039	165,657	1,861	1,401
99	95	115	43,045	76,619	1,780	1,320
100	96	53	19,692	33,573	1,705	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	94 745,322	4 793 705,277	50,596	50,136
6	1	99 264	93 511,024	4 698 959,955	50,250	49,790
7	2	99 231	92 554,181	4 605 448,930	49,759	49,300
8	3	99 210	91 619,176	4 512 894,749	49,257	48,797
9	4	99 191	90 693,859	4 421 275,574	48,749	48,289
10	5	99 174	89 780,515	4 330 581,714	48,235	47,775
11	6	99 158	88 878,097	4 240 801,199	47,715	47,255
12	7	99 143	87 984,465	4 151 923,103	47,189	46,729
13	8	99 130	87 102,212	4 063 938,638	46,657	46,197
14	9	99 115	86 226,228	3 976 836,426	46,121	45,661
15	10	99 096	85 356,668	3 890 610,199	45,581	45,121
16	11	99 076	84 493,843	3 805 253,531	45,036	44,576
17	12	99 043	83 629,494	3 720 759,688	44,491	44,031
18	13	99 006	82 770,652	3 637 130,194	43,942	43,482
19	14	98 959	81 912,703	3 554 359,542	43,392	42,932
20	15	98 908	81 059,314	3 472 446,839	42,838	42,378
21	16	98 851	80 210,536	3 391 387,525	42,281	41,821
22	17	98 793	79 369,656	3 311 176,989	41,718	41,258
23	18	98 734	78 536,875	3 231 807,333	41,150	40,690
24	19	98 668	77 707,746	3 153 270,458	40,579	40,119
25	20	98 601	76 886,326	3 075 562,712	40,001	39,541
26	21	98 536	76 074,360	2 998 676,386	39,418	38,958
27	22	98 473	75 272,996	2 922 602,026	38,827	38,367
28	23	98 404	74 475,500	2 847 329,030	38,232	37,772
29	24	98 332	73 684,146	2 772 853,530	37,632	37,172
30	25	98 259	72 900,462	2 699 169,384	37,025	36,565
31	26	98 184	72 123,642	2 626 268,922	36,413	35,953
32	27	98 097	71 346,507	2 554 145,280	35,799	35,339
33	28	98 007	70 575,202	2 482 798,773	35,179	34,719
34	29	97 913	69 809,406	2 412 223,572	34,554	34,094
35	30	97 809	69 044,693	2 342 414,166	33,926	33,466
36	31	97 693	68 280,114	2 273 369,473	33,295	32,835
37	32	97 575	67 522,530	2 205 089,359	32,657	32,197
38	33	97 450	66 768,169	2 137 566,829	32,015	31,555
39	34	97 313	66 014,207	2 070 798,660	31,369	30,909
40	35	97 169	65 263,731	2 004 784,453	30,718	30,258
41	36	97 008	64 510,376	1 939 520,722	30,065	29,605
42	37	96 834	63 757,154	1 875 010,346	29,409	28,949
43	38	96 645	63 002,827	1 811 253,192	28,749	28,289
44	39	96 430	62 240,408	1 748 250,366	28,089	27,629
45	40	96 200	61 476,873	1 686 009,957	27,425	26,965
46	41	95 938	60 702,533	1 624 533,085	26,762	26,302
47	42	95 655	59 924,460	1 563 830,552	26,097	25,637
48	43	95 338	59 134,555	1 503 906,093	25,432	24,972
49	44	94 987	58 333,474	1 444 771,537	24,767	24,307
50	45	94 592	57 515,436	1 386 438,063	24,105	23,646
51	46	94 154	56 682,557	1 328 922,627	23,445	22,985
52	47	93 672	55 833,676	1 272 240,070	22,786	22,326
53	48	93 123	54 957,334	1 216 406,395	22,134	21,674
54	49	92 511	54 055,277	1 161 449,061	21,486	21,026
55	50	91 828	53 125,339	1 107 393,783	20,845	20,385
56	51	91 084	52 172,930	1 054 268,445	20,207	19,747
57	52	90 262	51 190,215	1 002 095,515	19,576	19,116
58	53	89 362	50 177,704	950 905,300	18,951	18,491
59	54	88 365	49 126,925	900 727,596	18,335	17,875
60	55	87 284	48 045,539	851 600,671	17,725	17,265
61	56	86 121	46 936,155	803 555,132	17,120	16,660
62	57	84 867	45 794,476	756 618,978	16,522	16,062
63	58	83 503	44 612,408	710 824,501	15,933	15,473
64	59	82 048	43 401,206	666 212,093	15,350	14,890
65	60	80 486	42 153,404	622 810,887	14,775	14,315
66	61	78 822	40 873,146	580 657,484	14,206	13,746
67	62	77 100	39 584,252	539 784,338	13,636	13,176
68	63	75 256	38 254,793	500 200,086	13,075	12,616
69	64	73 362	36 922,903	461 945,293	12,511	12,051
70	65	71 325	35 542,063	425 022,390	11,958	11,498
71	66	69 168	34 126,117	389 480,327	11,413	10,953
72	67	66 891	32 676,148	355 354,210	10,875	10,415
73	68	64 511	31 201,202	322 678,062	10,342	9,882
74	69	62 045	29 711,513	291 476,860	9,810	9,350
75	70	59 455	28 189,285	261 765,347	9,286	8,826
76	71	56 732	26 631,864	233 576,062	8,771	8,311
77	72	53 865	25 035,839	206 944,198	8,266	7,806
78	73	50 899	23 422,889	181 908,360	7,766	7,306
79	74	47 794	21 776,116	158 485,470	7,278	6,818
80	75	44 520	20 083,799	136 709,354	6,807	6,347
81	76	41 113	18 363,042	116 625,556	6,351	5,891
82	77	37 540	16 601,147	98 262,514	5,919	5,459
83	78	33 884	14 835,919	81 661,367	5,504	5,044
84	79	30 139	13 065,605	66 825,448	5,115	4,655
85	80	26 368	11 317,816	53 759,843	4,750	4,290
86	81	22 629	9 616,862	42 442,027	4,413	3,953
87	82	19 036	8 009,655	32 825,165	4,098	3,638
88	83	15 673	6 529,567	24 815,511	3,800	3,341
89	84	12 585	5 191,027	18 285,944	3,523	3,063
90	85	9 832	4 015,360	13 094,917	3,261	2,801
91	86	7 444	3 009,888	9 079,557	3,017	2,557
92	87	5 409	2 165,579	6 069,669	2,803	2,343
93	88	3 772	1 495,039	3 904,090	2,611	2,151
94	89	2 525	990,780	2 409,051	2,431	1,971
95	90	1 594	619,372	1 418,271	2,290	1,830
96	91	970	373,114	798,899	2,141	1,681
97	92	555	211,444	425,785	2,014	1,554
98	93	299	112,593	214,341	1,904	1,444
99	94	151	56,281	101,748	1,808	1,348
100	95	71	26,223	45,467	1,734	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	93 798,410	4 710 970,005	50,224	49,764
7	1	99 254	92 575,571	4 617 171,596	49,875	49,415
8	2	99 222	91 630,087	4 524 596,025	49,379	48,919
9	3	99 202	90 704,666	4 432 965,937	48,873	48,413
10	4	99 183	89 788,679	4 342 261,272	48,361	47,901
11	5	99 166	88 884,762	4 252 472,592	47,843	47,383
12	6	99 150	87 990,257	4 163 587,830	47,319	46,859
13	7	99 135	87 106,506	4 075 597,573	46,789	46,329
14	8	99 121	86 231,566	3 988 491,067	46,253	45,793
15	9	99 103	85 362,191	3 902 259,501	45,714	45,254
16	10	99 082	84 498,850	3 816 897,310	45,171	44,711
17	11	99 050	83 635,723	3 732 398,460	44,627	44,167
18	12	99 014	82 777,201	3 648 762,736	44,079	43,619
19	13	98 968	81 919,725	3 565 985,535	43,530	43,070
20	14	98 918	81 067,821	3 484 065,810	42,977	42,517
21	15	98 863	80 220,572	3 402 997,989	42,421	41,961
22	16	98 807	79 380,857	3 322 777,418	41,859	41,399
23	17	98 748	78 548,375	3 243 396,561	41,292	40,832
24	18	98 688	77 723,574	3 164 848,185	40,719	40,259
25	19	98 621	76 901,170	3 087 124,611	40,144	39,684
26	20	98 554	76 088,449	3 010 223,441	39,562	39,102
27	21	98 489	75 285,460	2 934 134,992	38,973	38,513
28	22	98 421	74 488,390	2 858 849,532	38,380	37,920
29	23	98 353	73 700,138	2 784 361,142	37,780	37,320
30	24	98 275	72 912,826	2 710 661,005	37,177	36,717
31	25	98 202	72 137,092	2 637 748,179	36,566	36,106
32	26	98 116	71 360,392	2 565 611,086	35,953	35,493
33	27	98 028	70 590,621	2 494 250,694	35,334	34,874
34	28	97 937	69 826,820	2 423 660,074	34,710	34,250
35	29	97 834	69 062,565	2 353 833,253	34,083	33,623
36	30	97 722	68 300,395	2 284 770,689	33,452	32,992
37	31	97 606	67 544,089	2 216 470,294	32,815	32,355
38	32	97 484	66 791,349	2 148 926,204	32,174	31,714
39	33	97 348	66 037,719	2 082 134,855	31,529	31,069
40	34	97 207	65 289,267	2 016 097,136	30,879	30,419
41	35	97 047	64 536,351	1 950 807,869	30,228	29,768
42	36	96 879	63 787,060	1 886 271,519	29,571	29,111
43	37	96 689	63 031,835	1 822 484,458	28,914	28,454
44	38	96 487	62 276,882	1 759 452,623	28,252	27,792
45	39	96 257	61 513,516	1 697 175,741	27,590	27,130
46	40	96 003	60 743,759	1 635 662,225	26,927	26,467
47	41	95 728	59 970,208	1 574 918,466	26,262	25,802
48	42	95 417	59 183,667	1 514 948,257	25,597	25,137
49	43	95 073	58 386,018	1 455 764,591	24,933	24,473
50	44	94 688	57 574,164	1 397 378,573	24,271	23,811
51	45	94 259	56 745,655	1 339 804,409	23,611	23,151
52	46	93 791	55 904,659	1 283 058,754	22,951	22,491
53	47	93 257	55 036,231	1 227 154,094	22,297	21,837
54	48	92 659	54 141,881	1 172 117,864	21,649	21,189
55	49	91 995	53 221,747	1 117 975,982	21,006	20,546
56	50	91 264	52 275,949	1 064 754,235	20,368	19,908
57	51	90 462	51 303,533	1 012 478,287	19,735	19,275
58	52	89 581	50 301,209	961 174,754	19,108	18,648
59	53	88 607	49 261,564	910 873,545	18,491	18,031
60	54	87 548	48 190,575	861 611,981	17,879	17,419
61	55	86 408	47 092,190	813 421,407	17,273	16,813
62	56	85 175	45 960,803	766 329,217	16,674	16,214
63	57	83 838	44 791,227	720 368,414	16,083	15,623
64	58	82 412	43 593,478	675 577,187	15,497	15,037
65	59	80 877	42 357,993	631 983,709	14,920	14,460
66	60	79 249	41 094,688	589 625,716	14,348	13,888
67	61	77 534	39 806,976	548 531,028	13,780	13,320
68	62	75 716	38 488,675	508 724,052	13,217	12,758
69	63	73 848	37 167,631	470 235,378	12,652	12,192
70	64	71 848	35 802,972	433 067,747	12,096	11,636
71	65	69 727	34 401,750	397 264,776	11,548	11,088
72	66	67 481	32 964,103	362 863,026	11,008	10,548
73	67	65 142	31 506,640	329 898,923	10,471	10,011
74	68	62 685	30 018,142	298 392,283	9,940	9,480
75	69	60 127	28 507,779	268 374,140	9,414	8,954
76	70	57 431	26 960,336	239 866,361	8,897	8,437
77	71	54 596	25 375,627	212 906,026	8,390	7,930
78	72	51 643	23 765,332	187 530,398	7,891	7,431
79	73	48 545	22 118,572	163 765,067	7,404	6,944
80	74	45 295	20 433,381	141 646,494	6,932	6,472
81	75	41 912	18 719,985	121 213,113	6,475	6,015
82	76	38 377	16 971,570	102 493,128	6,039	5,579
83	77	34 733	15 207,778	85 521,557	5,624	5,164
84	78	31 010	13 443,366	70 313,779	5,230	4,770
85	79	27 266	11 703,121	56 870,413	4,859	4,399
86	80	23 533	10 000,979	45 167,291	4,516	4,056
87	81	19 913	8 378,848	35 166,313	4,197	3,737
88	82	16 504	6 875,700	26 787,464	3,896	3,436
89	83	13 361	5 511,123	19 911,764	3,613	3,153
90	84	10 541	4 304,728	14 400,641	3,345	2,885
91	85	8 067	3 261,766	10 095,913	3,095	2,635
92	86	5 937	2 376,904	6 834,147	2,875	2,415
93	87	4 196	1 663,354	4 457,243	2,680	2,220
94	88	2 852	1 119,305	2 793,889	2,496	2,036
95	89	1 834	712,674	1 674,585	2,350	1,890
96	90	1 138	437,895	961,911	2,197	1,737
97	91	667	253,936	524,016	2,064	1,604
98	92	367	138,586	270,080	1,949	1,489
99	93	191	71,169	131,494	1,848	1,388
100	94	93	34,286	60,324	1,759	1,299

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	92 860,081	4 628 235,828	49,841	49,381
8	1	99 245	91 651,264	4 535 375,747	49,485	49,025
9	2	99 214	90 715,468	4 443 724,483	48,985	48,525
10	3	99 194	89 799,378	4 353 009,015	48,475	48,015
11	4	99 175	88 892,846	4 263 209,637	47,959	47,499
12	5	99 157	87 996,856	4 174 316,792	47,437	46,977
13	6	99 142	87 112,240	4 086 319,936	46,909	46,449
14	7	99 126	86 235,817	3 999 207,696	46,375	45,915
15	8	99 109	85 367,477	3 912 971,879	45,837	45,377
16	9	99 088	84 504,318	3 827 604,402	45,295	44,835
17	10	99 056	83 640,679	3 743 100,084	44,752	44,292
18	11	99 021	82 783,367	3 659 459,404	44,205	43,745
19	12	98 976	81 926,206	3 576 676,037	43,657	43,197
20	13	98 927	81 074,771	3 494 749,831	43,105	42,645
21	14	98 874	80 228,991	3 413 675,060	42,549	42,089
22	15	98 819	79 390,789	3 333 446,070	41,988	41,528
23	16	98 762	78 559,460	3 254 055,281	41,422	40,962
24	17	98 703	77 734,956	3 175 495,820	40,850	40,390
25	18	98 641	76 916,834	3 097 760,865	40,274	39,814
26	19	98 573	76 103,139	3 020 844,031	39,694	39,234
27	20	98 507	75 299,403	2 944 740,892	39,107	38,647
28	21	98 437	74 500,724	2 869 441,489	38,516	38,056
29	22	98 370	73 712,893	2 794 940,765	37,917	37,457
30	23	98 297	72 928,650	2 721 227,872	37,314	36,854
31	24	98 219	72 149,327	2 648 299,221	36,706	36,246
32	25	98 135	71 373,700	2 576 149,895	36,094	35,634
33	26	98 048	70 604,358	2 504 776,194	35,476	35,016
34	27	97 959	69 842,076	2 434 171,836	34,853	34,393
35	28	97 859	69 079,793	2 364 329,760	34,226	33,766
36	29	97 747	68 318,074	2 295 249,967	33,597	33,137
37	30	97 635	67 564,152	2 226 931,893	32,960	32,500
38	31	97 515	66 812,675	2 159 367,742	32,320	31,860
39	32	97 381	66 060,645	2 092 555,066	31,676	31,216
40	33	97 241	65 312,521	2 026 494,421	31,028	30,568
41	34	97 085	64 561,602	1 961 181,900	30,377	29,917
42	35	96 918	63 812,744	1 896 620,298	29,722	29,262
43	36	96 735	63 061,402	1 832 807,554	29,064	28,604
44	37	96 531	62 305,556	1 769 746,153	28,404	27,944
45	38	96 313	61 549,563	1 707 440,597	27,741	27,281
46	39	96 060	60 779,966	1 645 891,033	27,079	26,620
47	40	95 793	60 010,938	1 585 111,067	26,414	25,954
48	41	95 490	59 228,850	1 525 100,129	25,749	25,289
49	42	95 152	58 434,507	1 465 871,279	25,086	24,626
50	43	94 774	57 626,023	1 407 436,772	24,424	23,964
51	44	94 355	56 803,597	1 349 810,749	23,763	23,303
52	45	93 895	55 966,892	1 293 007,151	23,103	22,643
53	46	93 376	55 106,201	1 237 040,259	22,448	21,988
54	47	92 792	54 219,607	1 181 934,058	21,799	21,339
55	48	92 142	53 307,016	1 127 714,451	21,155	20,695
56	49	91 429	52 370,816	1 074 407,435	20,515	20,055
57	50	90 640	51 404,835	1 022 036,620	19,882	19,422
58	51	89 780	50 412,559	970 631,785	19,254	18,794
59	52	88 825	49 382,814	920 219,226	18,634	18,174
60	53	87 788	48 322,647	870 836,413	18,021	17,561
61	54	86 669	47 234,348	822 513,765	17,413	16,953
62	55	85 458	46 113,596	775 279,418	16,812	16,352
63	56	84 142	44 953,910	729 165,822	16,220	15,760
64	57	82 742	43 768,213	684 211,912	15,633	15,173
65	58	81 235	42 545,643	640 443,699	15,053	14,593
66	59	79 634	41 294,139	597 898,057	14,479	14,019
67	60	77 954	40 022,739	556 603,917	13,907	13,447
68	61	76 142	38 705,234	516 581,178	13,347	12,887
69	62	74 300	37 394,865	477 875,944	12,779	12,319
70	63	72 324	36 040,276	440 481,078	12,222	11,762
71	64	70 238	34 654,288	404 440,803	11,671	11,211
72	65	68 026	33 230,350	369 786,515	11,128	10,668
73	66	65 716	31 784,289	336 556,165	10,589	10,129
74	67	63 299	30 311,999	304 771,876	10,054	9,595
75	68	60 747	28 801,985	274 459,877	9,529	9,069
76	69	58 080	27 264,945	245 657,891	9,010	8,550
77	70	55 270	25 688,605	218 392,947	8,502	8,042
78	71	52 344	24 087,877	192 704,342	8,000	7,540
79	72	49 255	22 441,946	168 616,464	7,513	7,053
80	73	46 007	20 754,722	146 174,519	7,043	6,583
81	74	42 641	19 045,829	125 419,797	6,585	6,125
82	75	39 123	17 301,467	106 373,968	6,148	5,688
83	76	35 508	15 547,110	89 072,501	5,729	5,269
84	77	31 787	13 780,321	73 525,391	5,336	4,876
85	78	28 054	12 041,490	59 745,070	4,962	4,502
86	79	24 334	10 341,454	47 703,579	4,613	4,153
87	80	20 709	8 713,517	37 362,126	4,288	3,828
88	81	17 265	7 192,626	28 648,609	3,983	3,523
89	82	14 069	5 803,269	21 455,983	3,697	3,237
90	83	11 191	4 570,173	15 652,714	3,425	2,965
91	84	8 648	3 496,826	11 082,542	3,169	2,709
92	85	6 434	2 575,812	7 585,716	2,945	2,485
93	86	4 606	1 825,670	5 009,905	2,744	2,284
94	87	3 173	1 245,318	3 184,235	2,557	2,097
95	88	2 072	805,122	1 938,917	2,408	1,948
96	89	1 310	503,859	1 133,794	2,250	1,790
97	90	782	298,025	629,935	2,114	1,654
98	91	441	166,437	331,910	1,994	1,534
99	92	235	87,599	165,474	1,889	1,429
100	93	117	43,355	77,874	1,796	1,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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6						
7						
8	0	99 550	91 932,933	4 545 560,269	49,444	48,984
9	1	99 237	90 736,433	4 453 627,336	49,083	48,623
10	2	99 206	89 810,072	4 362 890,903	48,579	48,119
11	3	99 187	88 903,437	4 273 080,830	48,064	47,604
12	4	99 166	88 004,859	4 184 177,393	47,545	47,085
13	5	99 149	87 118,773	4 096 172,535	47,018	46,558
14	6	99 132	86 241,494	4 009 053,761	46,486	46,026
15	7	99 114	85 371,685	3 922 812,267	45,950	45,490
16	8	99 094	84 509,550	3 837 440,582	45,408	44,948
17	9	99 062	83 646,092	3 752 931,032	44,867	44,407
18	10	99 027	82 788,272	3 669 284,940	44,321	43,861
19	11	98 983	81 932,309	3 586 496,667	43,774	43,314
20	12	98 934	81 081,186	3 504 564,358	43,223	42,763
21	13	98 882	80 235,868	3 423 483,173	42,668	42,208
22	14	98 829	79 399,121	3 343 247,304	42,107	41,647
23	15	98 774	78 569,290	3 263 848,183	41,541	41,081
24	16	98 717	77 745,926	3 185 278,894	40,970	40,510
25	17	98 655	76 928,097	3 107 532,968	40,395	39,935
26	18	98 593	76 118,640	3 030 604,871	39,814	39,354
27	19	98 526	75 313,940	2 954 486,231	39,229	38,769
28	20	98 455	74 514,522	2 879 172,291	38,639	38,179
29	21	98 386	73 725,099	2 804 657,769	38,042	37,582
30	22	98 314	72 941,273	2 730 932,670	37,440	36,980
31	23	98 240	72 164,985	2 657 991,397	36,832	36,372
32	24	98 151	71 385,805	2 585 826,412	36,223	35,763
33	25	98 066	70 617,526	2 514 440,607	35,606	35,146
34	26	97 978	69 855,668	2 443 823,081	34,984	34,524
35	27	97 880	69 094,885	2 373 967,413	34,358	33,898
36	28	97 772	68 335,116	2 304 872,528	33,729	33,269
37	29	97 661	67 581,640	2 236 537,411	33,094	32,634
38	30	97 544	66 832,520	2 168 955,771	32,454	31,994
39	31	97 413	66 081,738	2 102 123,251	31,811	31,351
40	32	97 275	65 335,196	2 036 041,513	31,163	30,703
41	33	97 119	64 584,597	1 970 706,317	30,514	30,054
42	34	96 956	63 837,712	1 906 121,720	29,859	29,399
43	35	96 774	63 086,793	1 842 284,008	29,202	28,742
44	36	96 576	62 334,782	1 779 197,216	28,543	28,083
45	37	96 358	61 577,903	1 716 862,434	27,881	27,421
46	38	96 117	60 815,583	1 655 284,531	27,218	26,758
47	39	95 850	60 046,708	1 594 468,947	26,554	26,094
48	40	95 555	59 269,076	1 534 422,240	25,889	25,429
49	41	95 224	58 479,119	1 475 153,164	25,225	24,765
50	42	94 852	57 673,882	1 416 674,045	24,564	24,104
51	43	94 440	56 854,763	1 359 000,164	23,903	23,443
52	44	93 991	56 024,039	1 302 145,401	23,243	22,783
53	45	93 480	55 167,545	1 246 121,362	22,588	22,128
54	46	92 910	54 288,539	1 190 953,817	21,937	21,478
55	47	92 275	53 383,543	1 136 665,278	21,292	20,832
56	48	91 576	52 454,721	1 083 281,735	20,652	20,192
57	49	90 805	51 498,121	1 030 827,014	20,017	19,557
58	50	89 957	50 512,101	979 328,893	19,388	18,928
59	51	89 022	49 492,131	928 816,792	18,767	18,307
60	52	88 004	48 441,586	879 324,661	18,152	17,692
61	53	86 906	47 363,800	830 883,075	17,543	17,083
62	54	85 716	46 252,800	783 519,275	16,940	16,480
63	55	84 422	45 103,355	737 266,476	16,346	15,886
64	56	83 043	43 927,180	692 163,120	15,757	15,297
65	57	81 561	42 716,178	648 235,940	15,175	14,715
66	58	79 987	41 477,076	605 519,763	14,599	14,139
67	59	78 332	40 216,987	564 042,687	14,025	13,565
68	60	76 555	38 915,026	523 825,699	13,461	13,001
69	61	74 718	37 605,271	484 910,673	12,895	12,435
70	62	72 766	36 260,618	447 305,402	12,336	11,876
71	63	70 704	34 883,978	411 044,784	11,783	11,323
72	64	68 525	33 474,289	376 160,806	11,237	10,777
73	65	66 247	32 041,007	342 686,516	10,695	10,235
74	66	63 857	30 579,120	310 645,509	10,159	9,699
75	67	61 342	29 083,937	280 066,389	9,630	9,170
76	68	58 680	27 546,325	250 982,452	9,111	8,651
77	69	55 894	25 978,846	223 436,128	8,601	8,141
78	70	52 989	24 384,972	197 457,282	8,097	7,638
79	71	49 923	22 746,530	173 072,310	7,609	7,149
80	72	46 680	21 058,155	150 325,780	7,139	6,679
81	73	43 312	19 345,349	129 267,625	6,682	6,222
82	74	39 804	17 602,619	109 922,276	6,245	5,785
83	75	36 198	15 849,318	92 319,657	5,825	5,365
84	76	32 497	14 087,803	76 470,339	5,428	4,968
85	77	28 757	12 343,307	62 382,536	5,054	4,594
86	78	25 038	10 640,453	50 039,229	4,703	4,243
87	79	21 414	9 010,161	39 398,776	4,373	3,913
88	80	17 955	7 479,914	30 388,615	4,063	3,603
89	81	14 718	6 070,762	22 908,701	3,774	3,314
90	82	11 784	4 812,438	16 837,939	3,499	3,039
91	83	9 181	3 712,452	12 025,500	3,239	2,779
92	84	6 898	2 761,438	8 313,049	3,010	2,550
93	85	4 991	1 978,448	5 551,611	2,806	2,346
94	86	3 483	1 366,841	3 573,162	2,614	2,154
95	87	2 305	895,765	2 206,321	2,463	2,003
96	88	1 480	569,220	1 310,557	2,302	1,842
97	89	900	342,919	741,337	2,162	1,702
98	90	518	195,334	398,417	2,040	1,580
99	91	282	105,204	203,084	1,930	1,470
100	92	144	53,364	97,880	1,834	1,374

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	91 015,291	4 462 996,903	49,036	48,576
10	1	99 229	89 830,828	4 371 981,611	48,669	48,209
11	2	99 199	88 914,025	4 282 150,783	48,161	47,701
12	3	99 178	88 015,345	4 193 236,758	47,642	47,182
13	4	99 158	87 126,696	4 105 221,413	47,118	46,658
14	5	99 140	86 247,962	4 018 094,718	46,588	46,128
15	6	99 120	85 377,305	3 931 846,755	46,053	45,593
16	7	99 099	84 513,716	3 846 469,450	45,513	45,053
17	8	99 069	83 651,271	3 761 955,734	44,972	44,512
18	9	99 033	82 793,630	3 678 304,463	44,427	43,967
19	10	98 989	81 937,164	3 595 510,833	43,881	43,421
20	11	98 942	81 087,225	3 513 573,669	43,331	42,871
21	12	98 890	80 242,217	3 432 486,444	42,777	42,317
22	13	98 838	79 405,927	3 352 244,227	42,217	41,757
23	14	98 785	78 577,535	3 272 838,299	41,651	41,191
24	15	98 729	77 755,653	3 194 260,764	41,081	40,621
25	16	98 669	76 938,954	3 116 505,111	40,506	40,046
26	17	98 608	76 129,787	3 039 566,158	39,926	39,466
27	18	98 546	75 329,280	2 963 436,371	39,340	38,880
28	19	98 474	74 528,908	2 888 107,091	38,752	38,292
29	20	98 405	73 738,753	2 813 578,183	38,156	37,696
30	21	98 330	72 953,351	2 739 839,430	37,556	37,096
31	22	98 257	72 177,475	2 666 886,079	36,949	36,489
32	23	98 173	71 401,298	2 594 708,603	36,340	35,880
33	24	98 082	70 629,502	2 523 307,305	35,726	35,266
34	25	97 996	69 868,696	2 452 677,803	35,104	34,644
35	26	97 899	69 108,332	2 382 809,107	34,479	34,019
36	27	97 793	68 350,046	2 313 700,775	33,851	33,391
37	28	97 685	67 598,499	2 245 350,729	33,216	32,756
38	29	97 569	66 849,820	2 177 752,230	32,577	32,117
39	30	97 442	66 101,366	2 110 902,411	31,934	31,474
40	31	97 306	65 356,057	2 044 801,045	31,287	30,827
41	32	97 153	64 607,018	1 979 444,988	30,638	30,178
42	33	96 991	63 860,449	1 914 837,969	29,985	29,525
43	34	96 812	63 111,477	1 850 977,520	29,329	28,869
44	35	96 615	62 359,880	1 787 866,044	28,670	28,210
45	36	96 403	61 606,787	1 725 506,163	28,008	27,548
46	37	96 161	60 843,585	1 663 899,376	27,347	26,887
47	38	95 907	60 081,895	1 603 055,791	26,681	26,221
48	39	95 612	59 304,403	1 542 973,896	26,018	25,558
49	40	95 289	58 518,835	1 483 669,492	25,354	24,894
50	41	94 925	57 717,913	1 425 150,657	24,692	24,232
51	42	94 519	56 901,981	1 367 432,744	24,031	23,571
52	43	94 076	56 074,502	1 310 530,764	23,371	22,911
53	44	93 575	55 223,875	1 254 456,262	22,716	22,256
54	45	93 013	54 348,973	1 199 232,386	22,065	21,605
55	46	92 392	53 451,412	1 144 883,413	21,419	20,959
56	47	91 707	52 530,025	1 091 432,001	20,777	20,317
57	48	90 950	51 580,628	1 038 901,976	20,141	19,681
58	49	90 120	50 603,767	987 321,348	19,511	19,051
59	50	89 198	49 589,856	936 717,581	18,889	18,429
60	51	88 198	48 548,819	887 127,725	18,273	17,813
61	52	87 120	47 480,378	838 578,905	17,662	17,202
62	53	85 951	46 379,562	791 098,527	17,057	16,597
63	54	84 677	45 239,510	744 718,966	16,462	16,002
64	55	83 319	44 073,212	699 479,456	15,871	15,411
65	56	81 857	42 871,324	655 406,244	15,288	14,828
66	57	80 307	41 643,328	612 534,920	14,709	14,249
67	58	78 679	40 395,153	570 891,592	14,133	13,673
68	59	76 926	39 103,898	530 496,440	13,566	13,106
69	60	75 123	37 809,101	491 392,542	12,997	12,537
70	61	73 176	36 464,642	453 583,441	12,439	11,979
71	62	71 136	35 097,251	417 118,799	11,885	11,425
72	63	68 979	33 696,159	382 021,548	11,337	10,877
73	64	66 733	32 276,215	348 325,389	10,792	10,332
74	65	64 372	30 826,104	316 049,174	10,253	9,793
75	66	61 882	29 340,236	285 223,070	9,721	9,261
76	67	59 254	27 815,984	255 882,834	9,199	8,739
77	68	56 471	26 246,953	228 066,850	8,689	8,229
78	69	53 588	24 660,484	201 819,897	8,184	7,724
79	70	50 539	23 027,081	177 159,414	7,694	7,234
80	71	47 313	21 343,959	154 132,333	7,221	6,761
81	72	43 945	19 628,177	132 788,374	6,765	6,305
82	73	40 430	17 879,443	113 160,196	6,329	5,869
83	74	36 828	16 125,194	95 280,754	5,909	5,449
84	75	33 128	14 361,644	79 155,560	5,512	5,052
85	76	29 399	12 618,725	64 793,916	5,135	4,675
86	77	25 665	10 907,153	52 175,191	4,784	4,324
87	78	22 033	9 270,669	41 268,038	4,451	3,991
88	79	18 566	7 734,561	31 997,369	4,137	3,677
89	80	15 306	6 313,241	24 262,807	3,843	3,383
90	81	12 327	5 034,261	17 949,567	3,565	3,106
91	82	9 668	3 909,250	12 915,306	3,304	2,844
92	83	7 323	2 931,718	9 006,056	3,072	2,612
93	84	5 351	2 121,026	6 074,339	2,864	2,404
94	85	3 774	1 481,223	3 953,313	2,669	2,209
95	86	2 530	983,177	2 472,090	2,514	2,054
96	87	1 646	633,304	1 488,913	2,351	1,891
97	88	1 017	387,403	855,609	2,209	1,749
98	89	596	224,759	468,207	2,083	1,623
99	90	331	123,469	243,448	1,972	1,512
100	91	173	64,089	119,979	1,872	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10	0	99 534	90 106,903	4 380 598,736	48,616	48,156
11	1	99 221	88 934,574	4 290 491,833	48,243	47,783
12	2	99 190	88 025,827	4 201 557,259	47,731	47,271
13	3	99 170	87 137,077	4 113 531,432	47,208	46,748
14	4	99 149	86 255,806	4 026 394,355	46,680	46,220
15	5	99 128	85 383,708	3 940 138,550	46,146	45,686
16	6	99 106	84 519,280	3 854 754,841	45,608	45,148
17	7	99 073	83 655,395	3 770 235,561	45,069	44,609
18	8	99 040	82 798,756	3 686 580,166	44,525	44,065
19	9	98 995	81 942,466	3 603 781,410	43,979	43,519
20	10	98 948	81 092,030	3 521 838,944	43,430	42,970
21	11	98 897	80 248,194	3 440 746,914	42,876	42,416
22	12	98 846	79 412,210	3 360 498,720	42,317	41,857
23	13	98 793	78 584,271	3 281 086,510	41,752	41,292
24	14	98 739	77 763,813	3 202 502,238	41,182	40,722
25	15	98 681	76 948,580	3 124 738,425	40,608	40,148
26	16	98 622	76 140,530	3 047 789,845	40,028	39,569
27	17	98 561	75 340,311	2 971 649,315	39,443	38,983
28	18	98 494	74 544,088	2 896 309,003	38,854	38,394
29	19	98 424	73 752,989	2 821 764,915	38,260	37,800
30	20	98 348	72 966,862	2 748 011,926	37,661	37,201
31	21	98 273	72 189,427	2 675 045,064	37,056	36,596
32	22	98 190	71 413,656	2 602 855,637	36,448	35,988
33	23	98 104	70 644,831	2 531 441,981	35,833	35,373
34	24	98 013	69 880,545	2 460 797,150	35,214	34,754
35	25	97 917	69 121,220	2 390 916,604	34,590	34,130
36	26	97 812	68 363,348	2 321 795,384	33,963	33,503
37	27	97 706	67 613,268	2 253 432,037	33,328	32,868
38	28	97 593	66 866,496	2 185 818,769	32,689	32,229
39	29	97 467	66 118,476	2 118 952,273	32,048	31,588
40	30	97 335	65 375,469	2 052 833,797	31,401	30,941
41	31	97 184	64 627,647	1 987 458,328	30,752	30,292
42	32	97 024	63 882,619	1 922 830,680	30,099	29,639
43	33	96 846	63 133,956	1 858 948,061	29,445	28,985
44	34	96 653	62 384,280	1 795 814,106	28,786	28,326
45	35	96 442	61 631,593	1 733 429,826	28,126	27,666
46	36	96 206	60 872,125	1 671 798,233	27,464	27,004
47	37	95 951	60 109,559	1 610 926,108	26,800	26,340
48	38	95 668	59 339,156	1 550 816,549	26,135	25,675
49	39	95 346	58 553,716	1 491 477,393	25,472	25,012
50	40	94 989	57 757,112	1 432 923,677	24,809	24,349
51	41	94 591	56 945,422	1 375 166,565	24,149	23,689
52	42	94 154	56 121,072	1 318 221,143	23,489	23,029
53	43	93 659	55 273,618	1 262 100,071	22,834	22,374
54	44	93 108	54 404,468	1 206 826,453	22,182	21,723
55	45	92 495	53 510,914	1 152 421,985	21,536	21,076
56	46	91 824	52 596,809	1 098 911,071	20,893	20,433
57	47	91 081	51 654,677	1 046 314,263	20,256	19,796
58	48	90 265	50 684,842	994 659,586	19,624	19,164
59	49	89 360	49 679,848	943 974,744	19,001	18,541
60	50	88 373	48 644,682	894 294,895	18,384	17,924
61	51	87 313	47 585,484	845 650,213	17,771	17,311
62	52	86 163	46 493,718	798 064,729	17,165	16,705
63	53	84 909	45 363,494	751 571,012	16,568	16,108
64	54	83 570	44 206,257	706 207,518	15,975	15,515
65	55	82 129	43 013,846	662 001,261	15,390	14,930
66	56	80 599	41 794,578	618 987,415	14,810	14,350
67	57	78 995	40 557,068	577 192,837	14,232	13,772
68	58	77 267	39 277,132	536 635,770	13,663	13,203
69	59	75 487	37 992,605	497 358,638	13,091	12,631
70	60	73 573	36 662,289	459 366,033	12,530	12,070
71	61	71 536	35 294,729	422 703,744	11,976	11,516
72	62	69 401	33 902,170	387 409,015	11,427	10,967
73	63	67 176	32 490,144	353 506,845	10,880	10,420
74	64	64 845	31 052,394	321 016,701	10,338	9,878
75	65	62 382	29 577,213	289 964,307	9,804	9,344
76	66	59 776	28 061,110	260 387,094	9,279	8,819
77	67	57 024	26 503,892	232 325,984	8,766	8,306
78	68	54 141	24 914,985	205 822,092	8,261	7,801
79	69	51 110	23 287,251	180 907,107	7,769	7,309
80	70	47 897	21 607,211	157 619,857	7,295	6,835
81	71	44 542	19 894,573	136 012,646	6,837	6,377
82	72	41 021	18 140,840	116 118,073	6,401	5,941
83	73	37 407	16 378,783	97 977,233	5,982	5,522
84	74	33 705	14 611,626	81 598,450	5,584	5,125
85	75	29 970	12 864,010	66 986,825	5,207	4,747
86	76	26 238	11 150,526	54 122,815	4,854	4,394
87	77	22 585	9 503,036	42 972,290	4,522	4,062
88	78	19 103	7 958,188	33 469,253	4,206	3,746
89	79	15 827	6 528,170	25 511,065	3,908	3,448
90	80	12 819	5 235,339	18 982,895	3,626	3,166
91	81	10 114	4 089,441	13 747,556	3,362	2,902
92	82	7 711	3 087,129	9 658,115	3,129	2,669
93	83	5 681	2 251,815	6 570,986	2,918	2,458
94	84	4 046	1 587,968	4 319,171	2,720	2,260
95	85	2 742	1 065,452	2 731,203	2,563	2,103
96	86	1 807	695,104	1 665,751	2,396	1,936
97	87	1 132	431,017	970,647	2,252	1,792
98	88	673	253,914	539,629	2,125	1,665
99	89	380	142,069	285,715	2,011	1,551
100	90	203	75,216	143,647	1,910	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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11	0	99 526	89 207,895	4 298 416,097	48,184	47,724
12	1	99 213	88 046,170	4 209 208,203	47,807	47,347
13	2	99 182	87 147,455	4 121 162,032	47,290	46,830
14	3	99 161	86 266,083	4 034 014,578	46,762	46,302
15	4	99 137	85 391,473	3 947 748,495	46,231	45,771
16	5	99 113	84 525,619	3 862 357,022	45,695	45,235
17	6	99 080	83 660,902	3 777 831,402	45,156	44,696
18	7	99 044	82 802,838	3 694 170,501	44,614	44,154
19	8	99 002	81 947,540	3 611 367,663	44,069	43,609
20	9	98 954	81 097,278	3 529 420,123	43,521	43,061
21	10	98 903	80 252,949	3 448 322,845	42,968	42,508
22	11	98 853	79 418,126	3 368 069,896	42,409	41,949
23	12	98 801	78 590,489	3 288 651,771	41,845	41,385
24	13	98 748	77 770,480	3 210 061,281	41,276	40,816
25	14	98 692	76 956,656	3 132 290,802	40,702	40,242
26	15	98 634	76 150,057	3 055 334,146	40,123	39,663
27	16	98 575	75 350,944	2 979 184,089	39,537	39,077
28	17	98 509	74 555,004	2 903 833,146	38,949	38,489
29	18	98 444	73 768,011	2 829 278,141	38,354	37,894
30	19	98 367	72 980,949	2 755 510,130	37,757	37,297
31	20	98 292	72 202,797	2 682 529,181	37,153	36,693
32	21	98 206	71 425,481	2 610 326,384	36,546	36,086
33	22	98 121	70 657,058	2 538 900,903	35,933	35,473
34	23	98 034	69 895,712	2 468 243,845	35,313	34,853
35	24	97 934	69 132,943	2 398 348,133	34,692	34,232
36	25	97 830	68 376,097	2 329 215,190	34,065	33,605
37	26	97 725	67 626,426	2 260 839,093	33,431	32,971
38	27	97 615	66 881,104	2 193 212,667	32,793	32,333
39	28	97 491	66 134,970	2 126 331,563	32,151	31,691
40	29	97 360	65 392,391	2 060 196,593	31,505	31,045
41	30	97 213	64 646,843	1 994 804,202	30,857	30,397
42	31	97 055	63 903,017	1 930 157,358	30,204	29,744
43	32	96 880	63 155,874	1 866 254,342	29,550	29,090
44	33	96 687	62 406,499	1 803 098,468	28,893	28,433
45	34	96 480	61 655,707	1 740 691,969	28,232	27,772
46	35	96 245	60 896,635	1 679 036,261	27,572	27,112
47	36	95 996	60 137,755	1 618 139,627	26,907	26,447
48	37	95 712	59 366,478	1 558 001,872	26,244	25,784
49	38	95 402	58 588,029	1 498 635,394	25,579	25,119
50	39	95 046	57 791,539	1 440 047,366	24,918	24,458
51	40	94 655	56 984,097	1 382 255,827	24,257	23,797
52	41	94 226	56 163,917	1 325 271,730	23,596	23,137
53	42	93 737	55 319,523	1 269 107,813	22,941	22,481
54	43	93 192	54 453,472	1 213 788,290	22,290	21,830
55	44	92 589	53 565,553	1 159 334,818	21,643	21,183
56	45	91 926	52 655,359	1 105 769,265	21,000	20,540
57	46	91 197	51 720,348	1 053 113,906	20,362	19,902
58	47	90 394	50 757,605	1 001 393,558	19,729	19,269
59	48	89 503	49 759,443	950 635,953	19,105	18,645
60	49	88 533	48 732,959	900 876,510	18,486	18,026
61	50	87 485	47 679,444	852 143,551	17,872	17,412
62	51	86 353	46 596,639	804 464,107	17,264	16,804
63	52	85 118	45 475,149	757 867,467	16,666	16,206
64	53	83 799	44 327,410	712 392,318	16,071	15,611
65	54	82 377	43 143,693	668 064,908	15,485	15,025
66	55	80 867	41 933,520	624 921,216	14,903	14,443
67	56	79 282	40 704,372	582 987,696	14,322	13,863
68	57	77 577	39 434,566	542 283,324	13,751	13,291
69	58	75 822	38 160,916	502 848,758	13,177	12,717
70	59	73 930	36 840,227	464 687,842	12,614	12,154
71	60	71 924	35 486,035	427 847,615	12,057	11,597
72	61	69 792	34 092,923	392 361,580	11,509	11,049
73	62	67 586	32 688,782	358 268,656	10,960	10,500
74	63	65 275	31 258,211	325 579,875	10,416	9,956
75	64	62 840	29 794,335	294 321,664	9,878	9,418
76	65	60 259	28 287,756	264 527,329	9,351	8,891
77	66	57 526	26 737,455	236 239,573	8,836	8,376
78	67	54 671	25 158,885	209 502,118	8,327	7,867
79	68	51 638	23 527,580	184 343,233	7,835	7,375
80	69	48 438	21 851,338	160 815,653	7,360	6,900
81	70	45 091	20 139,949	138 964,315	6,900	6,440
82	71	41 578	18 387,049	118 824,366	6,462	6,002
83	72	37 954	16 618,241	100 437,317	6,044	5,584
84	73	34 235	14 841,412	83 819,077	5,648	5,188
85	74	30 492	13 087,923	68 977,665	5,270	4,810
86	75	26 748	11 367,271	55 889,742	4,917	4,457
87	76	23 089	9 715,078	44 522,471	4,583	4,123
88	77	19 582	8 157,658	34 807,392	4,267	3,807
89	78	16 284	6 716,917	26 649,734	3,968	3,508
90	79	13 256	5 413,572	19 932,817	3,682	3,222
91	80	10 518	4 252,782	14 519,245	3,414	2,954
92	81	8 067	3 229,425	10 266,464	3,179	2,719
93	82	5 982	2 371,184	7 037,038	2,968	2,508
94	83	4 296	1 685,887	4 665,854	2,768	2,308
95	84	2 940	1 142,234	2 979,967	2,609	2,149
96	85	1 958	753,273	1 837,732	2,440	1,980
97	86	1 242	473,078	1 084,459	2,292	1,832
98	87	749	282,501	611,382	2,164	1,704
99	88	430	160,498	328,881	2,049	1,589
100	89	234	86,546	168,383	1,946	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	88 316,760	4 216 495,764	47,743	47,283
13	1	99 205	87 167,595	4 128 179,004	47,359	46,899
14	2	99 172	86 276,357	4 041 011,409	46,838	46,378
15	3	99 149	85 401,648	3 954 735,052	46,307	45,847
16	4	99 122	84 533,306	3 869 333,404	45,773	45,313
17	5	99 087	83 667,176	3 784 800,098	45,236	44,776
18	6	99 051	82 808,289	3 701 132,922	44,695	44,235
19	7	99 006	81 951,580	3 618 324,633	44,152	43,692
20	8	98 960	81 102,299	3 536 373,053	43,604	43,144
21	9	98 909	80 258,142	3 455 270,754	43,052	42,592
22	10	98 859	79 422,832	3 375 012,612	42,494	42,034
23	11	98 808	78 596,343	3 295 589,780	41,931	41,471
24	12	98 756	77 776,633	3 216 993,437	41,362	40,902
25	13	98 700	76 963,253	3 139 216,804	40,789	40,329
26	14	98 644	76 158,048	3 062 253,551	40,209	39,749
27	15	98 587	75 360,371	2 986 095,503	39,624	39,164
28	16	98 523	74 565,526	2 910 735,131	39,036	38,576
29	17	98 458	73 778,814	2 836 169,606	38,442	37,982
30	18	98 387	72 995,814	2 762 390,792	37,843	37,383
31	19	98 311	72 216,736	2 689 394,978	37,241	36,781
32	20	98 224	71 438,709	2 617 178,241	36,635	36,175
33	21	98 137	70 668,758	2 545 739,532	36,024	35,564
34	22	98 051	69 907,809	2 475 070,774	35,405	34,945
35	23	97 955	69 147,947	2 405 162,965	34,783	34,323
36	24	97 847	68 387,694	2 336 015,018	34,158	33,698
37	25	97 744	67 639,038	2 267 627,325	33,525	33,065
38	26	97 634	66 894,120	2 199 988,287	32,888	32,428
39	27	97 512	66 149,419	2 133 094,166	32,247	31,787
40	28	97 385	65 408,704	2 066 944,748	31,600	31,140
41	29	97 238	64 663,577	2 001 536,044	30,953	30,493
42	30	97 084	63 921,997	1 936 872,467	30,301	29,841
43	31	96 911	63 176,039	1 872 950,470	29,647	29,187
44	32	96 721	62 428,165	1 809 774,431	28,990	28,530
45	33	96 514	61 677,668	1 747 346,266	28,330	27,870
46	34	96 282	60 920,462	1 685 668,598	27,670	27,210
47	35	96 034	60 161,969	1 624 748,137	27,006	26,546
48	36	95 757	59 394,325	1 564 586,168	26,342	25,882
49	37	95 446	58 615,005	1 505 191,843	25,679	25,219
50	38	95 102	57 825,405	1 446 576,838	25,016	24,556
51	39	94 711	57 018,063	1 388 751,433	24,356	23,896
52	40	94 290	56 202,062	1 331 733,371	23,695	23,235
53	41	93 809	55 361,756	1 275 531,309	23,040	22,580
54	42	93 270	54 498,696	1 220 169,553	22,389	21,929
55	43	92 673	53 613,802	1 165 670,857	21,742	21,282
56	44	92 020	52 709,125	1 112 057,056	21,098	20,638
57	45	91 298	51 777,923	1 059 347,931	20,459	19,999
58	46	90 509	50 822,135	1 007 570,008	19,825	19,365
59	47	89 631	49 830,877	956 747,873	19,200	18,740
60	48	88 675	48 811,036	906 916,996	18,580	18,120
61	49	87 644	47 765,970	858 105,960	17,965	17,505
62	50	86 524	46 688,647	810 339,990	17,356	16,896
63	51	85 306	45 575,816	763 651,343	16,756	16,296
64	52	84 006	44 436,515	718 075,526	16,160	15,700
65	53	82 603	43 261,934	673 639,012	15,571	15,111
66	54	81 111	42 060,105	630 377,078	14,988	14,528
67	55	79 545	40 839,690	588 316,973	14,406	13,946
68	56	77 858	39 577,793	547 477,283	13,833	13,373
69	57	76 126	38 313,876	507 899,489	13,256	12,796
70	58	74 257	37 003,433	469 585,614	12,690	12,230
71	59	72 273	35 658,265	432 582,181	12,131	11,671
72	60	70 170	34 277,715	396 923,916	11,580	11,120
73	61	67 967	32 872,708	362 646,201	11,032	10,572
74	62	65 674	31 449,317	329 773,493	10,486	10,026
75	63	63 257	29 991,814	298 324,176	9,947	9,487
76	64	60 701	28 495,412	268 332,363	9,417	8,957
77	65	57 991	26 953,410	239 836,951	8,898	8,438
78	66	55 153	25 380,595	212 883,541	8,388	7,928
79	67	52 143	23 757,898	187 502,945	7,892	7,432
80	68	48 938	22 076,848	163 745,047	7,417	6,957
81	69	45 600	20 367,498	141 668,198	6,956	6,496
82	70	42 091	18 613,831	121 300,700	6,517	6,057
83	71	38 469	16 843,785	102 686,869	6,096	5,636
84	72	34 736	15 058,393	85 843,084	5,701	5,241
85	73	30 972	13 293,747	70 784,691	5,325	4,865
86	74	27 214	11 565,132	57 490,944	4,971	4,511
87	75	23 538	9 903,922	45 925,812	4,637	4,177
88	76	20 018	8 339,681	36 021,890	4,319	3,859
89	77	16 693	6 885,275	27 682,209	4,020	3,561
90	78	13 639	5 570,093	20 796,935	3,734	3,274
91	79	10 876	4 397,564	15 226,842	3,463	3,003
92	80	8 389	3 358,415	10 829,278	3,225	2,765
93	81	6 258	2 480,481	7 470,863	3,012	2,552
94	82	4 523	1 775,256	4 990,382	2,811	2,351
95	83	3 121	1 212,668	3 215,125	2,651	2,191
96	84	2 099	807,558	2 002,457	2,480	2,020
97	85	1 346	512,666	1 194,899	2,331	1,871
98	86	822	310,068	682,233	2,200	1,740
99	87	478	178,567	372,165	2,084	1,624
100	88	264	97,773	193,598	1,980	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	87 435,485	4 134 882,302	47,291	46,831
14	1	99 195	86 296,296	4 047 446,817	46,902	46,442
15	2	99 160	85 411,819	3 961 150,521	46,377	45,917
16	3	99 134	84 543,378	3 875 738,702	45,843	45,383
17	4	99 096	83 674,785	3 791 195,324	45,309	44,849
18	5	99 058	82 814,499	3 707 520,539	44,769	44,309
19	6	99 013	81 956,975	3 624 706,040	44,227	43,767
20	7	98 965	81 106,297	3 542 749,065	43,680	43,220
21	8	98 916	80 263,112	3 461 642,768	43,129	42,669
22	9	98 865	79 427,971	3 381 379,656	42,572	42,112
23	10	98 814	78 601,001	3 301 951,685	42,009	41,549
24	11	98 763	77 782,427	3 223 350,684	41,441	40,981
25	12	98 708	76 969,342	3 145 568,258	40,868	40,408
26	13	98 653	76 164,577	3 068 598,915	40,289	39,829
27	14	98 597	75 368,280	2 992 434,338	39,704	39,244
28	15	98 535	74 574,855	2 917 066,058	39,116	38,656
29	16	98 472	73 789,226	2 842 491,203	38,522	38,062
30	17	98 402	73 006,503	2 768 701,977	37,924	37,464
31	18	98 331	72 231,446	2 695 695,474	37,320	36,860
32	19	98 243	71 452,501	2 623 464,028	36,716	36,256
33	20	98 155	70 681,846	2 552 011,527	36,106	35,646
34	21	98 067	69 919,385	2 481 329,681	35,488	35,028
35	22	97 972	69 159,915	2 411 410,296	34,867	34,407
36	23	97 868	68 402,536	2 342 250,381	34,242	33,782
37	24	97 760	67 650,510	2 273 847,845	33,612	33,152
38	25	97 652	66 906,596	2 206 197,336	32,974	32,514
39	26	97 531	66 162,292	2 139 290,740	32,334	31,874
40	27	97 406	65 422,994	2 073 128,448	31,688	31,228
41	28	97 262	64 679,707	2 007 705,454	31,041	30,581
42	29	97 109	63 938,543	1 943 025,746	30,389	29,929
43	30	96 939	63 194,804	1 879 087,203	29,735	29,275
44	31	96 752	62 448,098	1 815 892,399	29,078	28,618
45	32	96 547	61 699,080	1 753 444,301	28,419	27,959
46	33	96 317	60 942,160	1 691 745,221	27,760	27,300
47	34	96 072	60 185,508	1 630 803,061	27,096	26,636
48	35	95 796	59 418,240	1 570 617,553	26,433	25,973
49	36	95 490	58 642,499	1 511 199,313	25,770	25,310
50	37	95 145	57 852,030	1 452 556,814	25,108	24,648
51	38	94 767	57 051,476	1 394 704,785	24,446	23,986
52	39	94 346	56 235,561	1 337 653,309	23,787	23,327
53	40	93 872	55 399,355	1 281 417,748	23,131	22,671
54	41	93 341	54 540,302	1 226 018,392	22,479	22,019
55	42	92 750	53 658,328	1 171 478,090	21,832	21,372
56	43	92 103	52 756,602	1 117 819,762	21,188	20,728
57	44	91 392	51 830,792	1 065 063,160	20,549	20,089
58	45	90 610	50 878,710	1 013 232,368	19,915	19,455
59	46	89 745	49 894,229	962 353,658	19,288	18,828
60	47	88 802	48 881,109	912 459,428	18,667	18,207
61	48	87 784	47 842,498	863 578,319	18,050	17,590
62	49	86 681	46 773,375	815 735,821	17,440	16,980
63	50	85 475	45 665,809	768 962,447	16,839	16,379
64	51	84 191	44 534,882	723 296,638	16,241	15,781
65	52	82 806	43 368,416	678 761,756	15,651	15,191
66	53	81 334	42 175,377	635 393,340	15,066	14,606
67	54	79 785	40 962,974	593 217,963	14,482	14,022
68	55	78 117	39 709,366	552 254,990	13,907	13,447
69	56	76 402	38 453,033	512 545,624	13,329	12,869
70	57	74 555	37 151,753	474 092,591	12,761	12,301
71	58	72 593	35 816,234	436 940,838	12,200	11,740
72	59	70 510	34 444,080	401 124,603	11,646	11,186
73	60	68 335	33 050,886	366 680,523	11,094	10,634
74	61	66 043	31 626,269	333 629,637	10,549	10,089
75	62	63 643	30 175,177	302 003,368	10,008	9,548
76	63	61 104	28 684,281	271 828,191	9,477	9,017
77	64	58 417	27 151,271	243 143,910	8,955	8,495
78	65	55 598	25 585,591	215 992,639	8,442	7,982
79	66	52 603	23 967,263	190 407,048	7,944	7,484
80	67	49 417	22 292,965	166 439,785	7,466	7,006
81	68	46 071	20 577,695	144 146,820	7,005	6,545
82	69	42 566	18 824,138	123 569,125	6,564	6,104
83	70	38 944	17 051,533	104 744,987	6,143	5,683
84	71	35 207	15 262,767	87 693,454	5,746	5,286
85	72	31 424	13 488,101	72 430,687	5,370	4,910
86	73	27 642	11 747,008	58 942,586	5,018	4,558
87	74	23 948	10 076,311	47 195,577	4,684	4,224
88	75	20 408	8 501,789	37 119,266	4,366	3,906
89	76	17 065	7 038,906	28 617,477	4,066	3,606
90	77	13 981	5 709,706	21 578,571	3,779	3,319
91	78	11 190	4 524,709	15 868,864	3,507	3,047
92	79	8 674	3 472,750	11 344,155	3,267	2,807
93	80	6 508	2 579,556	7 871,406	3,051	2,591
94	81	4 732	1 857,084	5 291,849	2,850	2,390
95	82	3 286	1 276,952	3 434,765	2,690	2,230
96	83	2 228	857,355	2 157,813	2,517	2,057
97	84	1 443	549,612	1 300,458	2,366	1,906
98	85	891	336,016	750,846	2,235	1,775
99	86	525	195,992	414,831	2,117	1,657
100	87	294	108,781	218,838	2,012	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	86 561,509	4 053 614,416	46,829	46,369
15	1	99 183	85 431,558	3 967 052,908	46,435	45,975
16	2	99 146	84 553,447	3 881 621,350	45,907	45,447
17	3	99 108	83 684,755	3 797 067,903	45,373	44,913
18	4	99 067	82 822,030	3 713 383,148	44,836	44,376
19	5	99 020	81 963,121	3 630 561,118	44,295	43,835
20	6	98 972	81 111,636	3 548 597,996	43,750	43,290
21	7	98 920	80 267,069	3 467 486,360	43,199	42,739
22	8	98 871	79 432,889	3 387 219,291	42,643	42,183
23	9	98 821	78 606,087	3 307 786,402	42,081	41,621
24	10	98 769	77 787,036	3 229 180,315	41,513	41,053
25	11	98 715	76 975,076	3 151 393,280	40,940	40,480
26	12	98 660	76 170,603	3 074 418,204	40,362	39,902
27	13	98 606	75 374,741	2 998 247,601	39,778	39,318
28	14	98 545	74 582,682	2 922 872,859	39,190	38,730
29	15	98 484	73 798,458	2 848 290,177	38,596	38,136
30	16	98 416	73 016,806	2 774 491,719	37,998	37,538
31	17	98 345	72 242,023	2 701 474,913	37,395	36,935
32	18	98 263	71 467,055	2 629 232,890	36,789	36,329
33	19	98 174	70 695,492	2 557 765,835	36,180	35,720
34	20	98 085	69 932,334	2 487 070,343	35,564	35,104
35	21	97 988	69 171,367	2 417 138,009	34,944	34,484
36	22	97 885	68 414,375	2 347 966,642	34,320	33,860
37	23	97 781	67 665,192	2 279 552,268	33,689	33,229
38	24	97 669	66 917,943	2 211 887,076	33,054	32,594
39	25	97 550	66 174,631	2 144 969,133	32,414	31,954
40	26	97 425	65 435,726	2 078 794,502	31,768	31,309
41	27	97 284	64 693,839	2 013 358,776	31,121	30,661
42	28	97 133	63 954,493	1 948 664,937	30,470	30,010
43	29	96 965	63 211,161	1 884 710,444	29,816	29,356
44	30	96 781	62 466,646	1 821 499,282	29,160	28,700
45	31	96 578	61 718,780	1 759 032,636	28,501	28,041
46	32	96 350	60 963,317	1 697 313,856	27,842	27,382
47	33	96 106	60 206,945	1 636 350,539	27,179	26,719
48	34	95 833	59 441,488	1 576 143,594	26,516	26,056
49	35	95 529	58 666,111	1 516 702,106	25,853	25,393
50	36	95 190	57 879,166	1 458 035,995	25,191	24,731
51	37	94 811	57 077,744	1 400 156,828	24,531	24,071
52	38	94 401	56 268,515	1 343 079,084	23,869	23,409
53	39	93 928	55 432,377	1 286 810,569	23,214	22,754
54	40	93 404	54 577,344	1 231 378,192	22,562	22,102
55	41	92 821	53 699,293	1 176 800,848	21,915	21,455
56	42	92 179	52 800,416	1 123 101,555	21,271	20,811
57	43	91 474	51 877,478	1 070 301,139	20,631	20,171
58	44	90 702	50 930,662	1 018 423,661	19,996	19,536
59	45	89 845	49 949,771	967 492,999	19,369	18,909
60	46	88 915	48 943,254	917 543,228	18,747	18,287
61	47	87 910	47 911,180	868 599,974	18,129	17,669
62	48	86 820	46 848,312	820 688,793	17,518	17,058
63	49	85 630	45 748,680	773 840,481	16,915	16,455
64	50	84 358	44 622,819	728 091,801	16,317	15,857
65	51	82 990	43 464,419	683 468,982	15,725	15,265
66	52	81 534	42 279,185	640 004,563	15,138	14,678
67	53	80 004	41 075,238	597 725,378	14,552	14,092
68	54	78 353	39 829,238	556 650,140	13,976	13,516
69	55	76 656	38 580,866	516 820,903	13,396	12,936
70	56	74 826	37 286,690	478 240,036	12,826	12,366
71	57	72 884	35 959,796	440 953,347	12,262	11,802
72	58	70 823	34 596,671	404 993,551	11,706	11,246
73	59	68 667	33 211,297	370 396,880	11,153	10,693
74	60	66 401	31 797,691	337 185,584	10,604	10,144
75	61	64 001	30 344,961	305 387,893	10,064	9,604
76	62	61 477	28 859,650	275 042,932	9,530	9,070
77	63	58 804	27 331,231	246 183,282	9,007	8,547
78	64	56 007	25 773,411	218 852,050	8,491	8,031
79	65	53 027	24 160,843	193 078,639	7,991	7,531
80	66	49 853	22 489,420	168 917,796	7,511	7,051
81	67	46 522	20 779,136	146 428,376	7,047	6,587
82	68	43 006	19 018,407	125 649,240	6,607	6,147
83	69	39 384	17 244,188	106 630,833	6,184	5,724
84	70	35 641	15 451,015	89 386,645	5,785	5,325
85	71	31 851	13 671,163	73 935,630	5,408	4,948
86	72	28 046	11 918,750	60 264,467	5,056	4,596
87	73	24 324	10 234,774	48 345,717	4,724	4,264
88	74	20 763	8 649,773	38 110,943	4,406	3,946
89	75	17 397	7 175,730	29 461,170	4,106	3,646
90	76	14 293	5 837,107	22 285,441	3,818	3,358
91	77	11 471	4 638,120	16 448,333	3,546	3,086
92	78	8 925	3 573,156	11 810,213	3,305	2,845
93	79	6 729	2 667,375	8 237,057	3,088	2,628
94	80	4 921	1 931,260	5 569,682	2,884	2,424
95	81	3 438	1 335,811	3 638,422	2,724	2,264
96	82	2 347	902,803	2 302,611	2,551	2,091
97	83	1 532	583,503	1 399,807	2,399	1,939
98	84	955	360,231	816,305	2,266	1,806
99	85	569	212,394	456,074	2,147	1,687
100	86	323	119,396	243,680	2,041	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	85 694,113	3 972 729,470	46,359	45,899
16	1	99 168	84 572,988	3 887 035,357	45,961	45,501
17	2	99 120	83 694,721	3 802 462,370	45,433	44,973
18	3	99 079	82 831,899	3 718 767,648	44,895	44,435
19	4	99 029	81 970,575	3 635 935,749	44,357	43,897
20	5	98 979	81 117,720	3 553 965,175	43,812	43,352
21	6	98 927	80 272,353	3 472 847,455	43,263	42,803
22	7	98 876	79 436,805	3 392 575,102	42,708	42,248
23	8	98 827	78 610,954	3 313 138,297	42,146	41,686
24	9	98 775	77 792,069	3 234 527,343	41,579	41,119
25	10	98 721	76 979,637	3 156 735,274	41,007	40,547
26	11	98 668	76 176,277	3 079 755,637	40,429	39,969
27	12	98 614	75 380,705	3 003 579,360	39,845	39,385
28	13	98 554	74 589,075	2 928 198,655	39,258	38,798
29	14	98 495	73 806,203	2 853 609,579	38,664	38,204
30	15	98 428	73 025,942	2 779 803,376	38,066	37,606
31	16	98 359	72 252,218	2 706 777,434	37,463	37,003
32	17	98 277	71 477,521	2 634 525,216	36,858	36,398
33	18	98 194	70 709,891	2 563 047,695	36,247	35,787
34	19	98 104	69 945,835	2 492 337,804	35,632	35,172
35	20	98 006	69 184,178	2 422 391,969	35,014	34,554
36	21	97 901	68 425,703	2 353 207,791	34,391	33,931
37	22	97 798	67 676,903	2 284 782,088	33,760	33,300
38	23	97 690	66 932,466	2 217 105,185	33,125	32,665
39	24	97 566	66 185,854	2 150 172,719	32,487	32,027
40	25	97 443	65 447,930	2 083 986,865	31,842	31,382
41	26	97 302	64 706,429	2 018 538,935	31,195	30,735
42	27	97 155	63 968,466	1 953 832,506	30,544	30,084
43	28	96 989	63 226,930	1 889 864,040	29,890	29,430
44	29	96 806	62 482,816	1 826 637,111	29,234	28,774
45	30	96 607	61 737,112	1 764 154,295	28,575	28,115
46	31	96 381	60 982,782	1 702 417,183	27,916	27,456
47	32	96 140	60 227,847	1 641 434,400	27,254	26,794
48	33	95 867	59 462,660	1 581 206,554	26,592	26,132
49	34	95 566	58 689,065	1 521 743,894	25,929	25,469
50	35	95 228	57 902,471	1 463 054,829	25,268	24,808
51	36	94 855	57 104,517	1 405 152,358	24,607	24,147
52	37	94 445	56 294,424	1 348 047,840	23,946	23,486
53	38	93 983	55 464,860	1 291 753,417	23,290	22,830
54	39	93 460	54 609,875	1 236 288,557	22,639	22,179
55	40	92 884	53 735,763	1 181 678,681	21,991	21,531
56	41	92 250	52 840,726	1 127 942,918	21,346	20,886
57	42	91 550	51 920,563	1 075 102,192	20,707	20,247
58	43	90 784	50 976,537	1 023 181,629	20,072	19,612
59	44	89 937	50 000,774	972 205,092	19,444	18,984
60	45	89 014	48 997,737	922 204,318	18,821	18,361
61	46	88 022	47 972,092	873 206,580	18,202	17,742
62	47	86 945	46 915,567	825 234,488	17,590	17,130
63	48	85 767	45 821,976	778 318,921	16,986	16,526
64	49	84 511	44 703,798	732 496,945	16,386	15,926
65	50	83 153	43 550,242	687 793,148	15,793	15,333
66	51	81 714	42 372,777	644 242,905	15,204	14,744
67	52	80 201	41 176,338	601 870,128	14,617	14,157
68	53	78 568	39 938,395	560 693,790	14,039	13,579
69	54	76 888	38 697,331	520 755,395	13,457	12,997
70	55	75 074	37 410,646	482 058,064	12,886	12,426
71	56	73 149	36 090,403	444 647,419	12,320	11,860
72	57	71 107	34 735,344	408 557,016	11,762	11,302
73	58	68 971	33 358,426	373 821,672	11,206	10,746
74	59	66 724	31 952,020	340 463,246	10,655	10,195
75	60	64 348	30 509,438	308 511,227	10,112	9,652
76	61	61 823	29 022,032	278 001,789	9,579	9,119
77	62	59 163	27 498,329	248 979,757	9,054	8,594
78	63	56 378	25 944,239	221 481,429	8,537	8,077
79	64	53 417	24 338,204	195 537,190	8,034	7,574
80	65	50 255	22 671,064	171 198,986	7,551	7,091
81	66	46 932	20 962,250	148 527,921	7,085	6,626
82	67	43 427	19 204,584	127 565,671	6,642	6,182
83	68	39 790	17 422,152	108 361,087	6,220	5,760
84	69	36 044	15 625,587	90 938,935	5,820	5,360
85	70	32 244	13 839,781	75 313,349	5,442	4,982
86	71	28 427	12 080,512	61 473,568	5,089	4,629
87	72	24 680	10 384,406	49 393,056	4,756	4,296
88	73	21 089	8 785,801	39 008,650	4,440	3,980
89	74	17 700	7 300,632	30 222,849	4,140	3,680
90	75	14 571	5 950,570	22 922,217	3,852	3,392
91	76	11 727	4 741,611	16 971,647	3,579	3,119
92	77	9 149	3 662,716	12 230,036	3,339	2,879
93	78	6 924	2 744,496	8 567,320	3,122	2,662
94	79	5 088	1 997,008	5 822,824	2,916	2,456
95	80	3 575	1 389,167	3 825,815	2,754	2,294
96	81	2 455	944,417	2 436,649	2,580	2,120
97	82	1 613	614,434	1 492,232	2,429	1,969
98	83	1 014	382,444	877,798	2,295	1,835
99	84	610	227,700	495,354	2,175	1,715
100	85	350	129,387	267,654	2,069	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	84 832,904	3 892 261,748	45,882	45,422
17	1	99 143	83 714,064	3 807 428,845	45,481	45,021
18	2	99 091	82 841,764	3 723 714,780	44,950	44,490
19	3	99 041	81 980,342	3 640 873,017	44,412	43,952
20	4	98 988	81 125,097	3 558 892,675	43,869	43,409
21	5	98 934	80 278,373	3 477 767,578	43,321	42,861
22	6	98 883	79 442,034	3 397 489,205	42,767	42,307
23	7	98 832	78 614,829	3 318 047,171	42,206	41,746
24	8	98 781	77 796,886	3 239 432,342	41,640	41,180
25	9	98 728	76 984,618	3 161 635,456	41,068	40,608
26	10	98 674	76 180,791	3 084 650,837	40,491	40,031
27	11	98 621	75 386,320	3 008 470,046	39,907	39,447
28	12	98 562	74 594,977	2 933 083,726	39,320	38,860
29	13	98 503	73 812,530	2 858 488,749	38,726	38,266
30	14	98 438	73 033,606	2 784 676,219	38,129	37,669
31	15	98 371	72 261,258	2 711 642,613	37,526	37,066
32	16	98 291	71 487,608	2 639 381,355	36,921	36,461
33	17	98 209	70 720,246	2 567 893,747	36,311	35,851
34	18	98 124	69 960,082	2 497 173,501	35,694	35,234
35	19	98 025	69 197,534	2 427 213,419	35,077	34,617
36	20	97 919	68 438,376	2 358 015,885	34,455	33,995
37	21	97 814	67 688,109	2 289 577,509	33,825	33,365
38	22	97 707	66 944,051	2 221 889,400	33,190	32,730
39	23	97 587	66 200,219	2 154 945,349	32,552	32,092
40	24	97 460	65 459,030	2 088 745,130	31,909	31,449
41	25	97 321	64 718,496	2 023 286,101	31,263	30,803
42	26	97 174	63 980,915	1 958 567,605	30,612	30,152
43	27	97 010	63 240,744	1 894 586,690	29,958	29,498
44	28	96 830	62 498,403	1 831 345,946	29,302	28,842
45	29	96 632	61 753,093	1 768 847,544	28,644	28,184
46	30	96 409	61 000,896	1 707 094,451	27,985	27,525
47	31	96 170	60 247,077	1 646 093,556	27,322	26,862
48	32	95 901	59 483,303	1 585 846,478	26,660	26,200
49	33	95 600	58 709,969	1 526 363,175	25,998	25,538
50	34	95 266	57 925,126	1 467 653,206	25,337	24,877
51	35	94 893	57 127,510	1 409 728,080	24,677	24,217
52	36	94 489	56 320,829	1 352 600,570	24,016	23,556
53	37	94 027	55 490,398	1 296 279,740	23,360	22,900
54	38	93 515	54 641,877	1 240 789,342	22,708	22,248
55	39	92 939	53 767,793	1 186 147,466	22,061	21,601
56	40	92 313	52 876,614	1 132 379,673	21,416	20,956
57	41	91 620	51 960,201	1 079 503,059	20,776	20,316
58	42	90 860	51 018,873	1 027 542,858	20,140	19,680
59	43	90 018	50 045,812	976 523,985	19,513	19,053
60	44	89 105	49 047,768	926 478,173	18,889	18,429
61	45	88 120	48 025,494	877 430,405	18,270	17,810
62	46	87 055	46 975,213	829 404,910	17,656	17,196
63	47	85 890	45 887,758	782 429,697	17,051	16,591
64	48	84 646	44 775,419	736 541,939	16,450	15,990
65	49	83 304	43 629,275	691 766,520	15,856	15,396
66	50	81 876	42 456,444	648 137,246	15,266	14,806
67	51	80 379	41 267,489	605 680,801	14,677	14,217
68	52	78 761	40 036,697	564 413,312	14,097	13,637
69	53	77 098	38 803,386	524 376,615	13,514	13,054
70	54	75 301	37 523,578	485 573,229	12,940	12,481
71	55	73 392	36 210,382	448 049,651	12,374	11,914
72	56	71 365	34 861,504	411 839,269	11,814	11,354
73	57	69 247	33 492,136	376 977,766	11,256	10,796
74	58	67 019	32 093,570	343 485,630	10,703	10,243
75	59	64 661	30 657,514	311 392,060	10,157	9,697
76	60	62 158	29 179,338	280 734,546	9,621	9,161
77	61	59 496	27 653,050	251 555,208	9,097	8,637
78	62	56 722	26 102,856	223 902,158	8,578	8,118
79	63	53 771	24 499,519	197 799,301	8,074	7,614
80	64	50 624	22 837,489	173 299,782	7,588	7,128
81	65	47 311	21 131,560	150 462,293	7,120	6,660
82	66	43 809	19 373,822	129 330,733	6,676	6,216
83	67	40 180	17 592,702	109 956,911	6,250	5,790
84	68	36 416	15 786,846	92 364,208	5,851	5,391
85	69	32 608	13 996,148	76 577,362	5,471	5,011
86	70	28 777	12 229,511	62 581,214	5,117	4,657
87	71	25 015	10 525,344	50 351,704	4,784	4,324
88	72	21 398	8 914,250	39 826,359	4,468	4,008
89	73	17 978	7 415,444	30 912,110	4,169	3,709
90	74	14 824	6 054,147	23 496,666	3,881	3,421
91	75	11 955	4 833,779	17 442,519	3,608	3,148
92	76	9 353	3 744,443	12 608,740	3,367	2,907
93	77	7 097	2 813,286	8 864,297	3,151	2,691
94	78	5 236	2 054,747	6 051,011	2,945	2,485
95	79	3 697	1 436,459	3 996,264	2,782	2,322
96	80	2 553	982,139	2 559,805	2,606	2,146
97	81	1 687	642,756	1 577,666	2,455	1,995
98	82	1 068	402,717	934,910	2,322	1,862
99	83	647	241,741	532,193	2,202	1,742
100	84	375	138,712	290,453	2,094	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	83 971,341	3 812 242,299	45,399	44,939
18	1	99 114	82 860,909	3 728 270,958	44,994	44,534
19	2	99 053	81 990,105	3 645 410,049	44,462	44,002
20	3	99 000	81 134,763	3 563 419,944	43,920	43,460
21	4	98 943	80 285,673	3 482 285,181	43,374	42,914
22	5	98 890	79 447,992	3 401 999,508	42,820	42,360
23	6	98 838	78 620,005	3 322 551,515	42,261	41,801
24	7	98 786	77 800,721	3 243 931,511	41,695	41,235
25	8	98 734	76 989,385	3 166 130,789	41,124	40,664
26	9	98 680	76 185,721	3 089 141,404	40,548	40,088
27	10	98 627	75 390,787	3 012 955,683	39,965	39,505
28	11	98 569	74 600,534	2 937 564,896	39,377	38,917
29	12	98 511	73 818,370	2 862 964,362	38,784	38,324
30	13	98 447	73 039,867	2 789 145,992	38,187	37,727
31	14	98 382	72 268,842	2 716 106,125	37,583	37,123
32	15	98 304	71 496,552	2 643 837,284	36,979	36,519
33	16	98 222	70 730,226	2 572 340,732	36,368	35,908
34	17	98 139	69 970,327	2 501 610,505	35,752	35,292
35	18	98 045	69 211,629	2 431 640,178	35,133	34,673
36	19	97 938	68 451,589	2 362 428,550	34,512	34,052
37	20	97 833	67 700,645	2 293 976,961	33,884	33,424
38	21	97 723	66 955,136	2 226 276,316	33,250	32,790
39	22	97 604	66 211,676	2 159 321,180	32,612	32,152
40	23	97 481	65 473,236	2 093 109,504	31,969	31,509
41	24	97 337	64 729,472	2 027 636,267	31,325	30,865
42	25	97 192	63 992,847	1 962 906,795	30,674	30,214
43	26	97 029	63 253,051	1 898 913,948	30,021	29,561
44	27	96 851	62 512,057	1 835 660,898	29,365	28,905
45	28	96 656	61 768,497	1 773 148,841	28,706	28,246
46	29	96 434	61 016,685	1 711 380,343	28,048	27,588
47	30	96 199	60 264,972	1 650 363,658	27,385	26,925
48	31	95 931	59 502,296	1 590 098,686	26,723	26,263
49	32	95 633	58 730,351	1 530 596,390	26,061	25,601
50	33	95 299	57 945,758	1 471 866,039	25,401	24,941
51	34	94 930	57 149,862	1 413 920,281	24,741	24,281
52	35	94 527	56 343,507	1 356 770,419	24,080	23,620
53	36	94 071	55 516,427	1 300 426,912	23,424	22,964
54	37	93 558	54 667,036	1 244 910,485	22,773	22,313
55	38	92 993	53 799,301	1 190 243,449	22,124	21,664
56	39	92 368	52 908,131	1 136 444,148	21,480	21,020
57	40	91 682	51 995,490	1 083 536,017	20,839	20,379
58	41	90 929	51 057,823	1 031 540,527	20,203	19,743
59	42	90 093	50 087,375	980 482,704	19,575	19,115
60	43	89 185	49 091,947	930 395,329	18,952	18,492
61	44	88 210	48 074,532	881 303,381	18,332	17,872
62	45	87 152	47 027,506	833 228,849	17,718	17,258
63	46	85 999	45 946,097	786 201,343	17,111	16,651
64	47	84 768	44 839,699	740 255,246	16,509	16,049
65	48	83 438	43 699,175	695 415,547	15,914	15,454
66	49	82 024	42 533,491	651 716,372	15,322	14,862
67	50	80 537	41 348,974	609 182,881	14,733	14,273
68	51	78 935	40 125,325	567 833,907	14,152	13,692
69	52	77 288	38 898,895	527 708,582	13,566	13,106
70	53	75 507	37 626,416	488 809,687	12,991	12,531
71	54	73 614	36 319,691	451 183,271	12,423	11,963
72	55	71 602	34 977,397	414 863,580	11,861	11,401
73	56	69 499	33 613,780	379 886,183	11,302	10,842
74	57	67 288	32 222,210	346 272,402	10,746	10,286
75	58	64 947	30 793,329	314 050,192	10,199	9,739
76	59	62 460	29 320,959	283 256,863	9,661	9,201
77	60	59 819	27 802,937	253 935,905	9,133	8,673
78	61	57 042	26 249,726	226 132,968	8,615	8,155
79	62	54 099	24 649,304	199 883,242	8,109	7,649
80	63	50 960	22 988,857	175 233,938	7,623	7,163
81	64	47 658	21 286,683	152 245,080	7,152	6,692
82	65	44 163	19 530,302	130 958,397	6,705	6,245
83	66	40 534	17 747,736	111 428,095	6,278	5,818
84	67	36 772	15 941,388	93 680,358	5,877	5,417
85	68	32 945	14 140,591	77 738,970	5,498	5,038
86	69	29 102	12 367,685	63 598,379	5,142	4,682
87	70	25 323	10 655,162	51 230,694	4,808	4,348
88	71	21 688	9 035,235	40 575,532	4,491	4,031
89	72	18 241	7 523,857	31 540,298	4,192	3,732
90	73	15 058	6 149,356	24 016,440	3,906	3,446
91	74	12 163	4 917,917	17 867,085	3,633	3,173
92	75	9 535	3 817,228	12 949,168	3,392	2,932
93	76	7 256	2 876,059	9 131,940	3,175	2,715
94	77	5 367	2 106,249	6 255,881	2,970	2,510
95	78	3 804	1 477,991	4 149,632	2,808	2,348
96	79	2 640	1 015,575	2 671,640	2,631	2,171
97	80	1 755	668,429	1 656,066	2,478	2,018
98	81	1 117	421,280	987,637	2,344	1,884
99	82	682	254,555	566,357	2,225	1,765
100	83	398	147,265	311,802	2,117	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	83 115,564	3 732 705,368	44,910	44,450
19	1	99 076	82 009,054	3 649 589,804	44,502	44,042
20	2	99 012	81 144,425	3 567 580,750	43,966	43,506
21	3	98 955	80 295,240	3 486 436,325	43,420	42,960
22	4	98 899	79 455,217	3 406 141,085	42,869	42,409
23	5	98 846	78 625,901	3 326 685,868	42,310	41,850
24	6	98 793	77 805,843	3 248 059,967	41,746	41,286
25	7	98 739	76 993,180	3 170 254,124	41,176	40,716
26	8	98 686	76 190,438	3 093 260,944	40,599	40,139
27	9	98 633	75 395,666	3 017 070,505	40,016	39,557
28	10	98 575	74 604,954	2 941 674,840	39,430	38,970
29	11	98 518	73 823,869	2 867 069,885	38,837	38,377
30	12	98 454	73 045,646	2 793 246,016	38,240	37,780
31	13	98 390	72 275,037	2 720 200,370	37,637	37,177
32	14	98 314	71 504,055	2 647 925,333	37,032	36,572
33	15	98 235	70 739,076	2 576 421,278	36,421	35,961
34	16	98 153	69 980,201	2 505 682,202	35,806	35,346
35	17	98 060	69 221,764	2 435 702,001	35,187	34,727
36	18	97 958	68 465,531	2 366 480,237	34,565	34,105
37	19	97 851	67 713,716	2 298 014,706	33,937	33,477
38	20	97 741	66 967,536	2 230 300,990	33,304	32,844
39	21	97 620	66 222,640	2 163 333,454	32,668	32,208
40	22	97 498	65 484,568	2 097 110,814	32,025	31,565
41	23	97 358	64 743,521	2 031 626,246	31,380	30,920
42	24	97 208	64 003,700	1 966 882,725	30,731	30,271
43	25	97 047	63 264,847	1 902 879,025	30,078	29,618
44	26	96 870	62 524,222	1 839 614,178	29,422	28,962
45	27	96 677	61 781,992	1 777 089,956	28,764	28,304
46	28	96 458	61 031,907	1 715 307,963	28,105	27,645
47	29	96 224	60 280,571	1 654 276,057	27,443	26,983
48	30	95 960	59 519,969	1 593 995,486	26,781	26,321
49	31	95 664	58 749,103	1 534 475,516	26,119	25,659
50	32	95 333	57 965,875	1 475 726,413	25,459	24,999
51	33	94 964	57 170,218	1 417 760,538	24,799	24,339
52	34	94 564	56 365,552	1 360 590,320	24,139	23,679
53	35	94 109	55 538,780	1 304 224,768	23,483	23,023
54	36	93 602	54 692,678	1 248 685,988	22,831	22,371
55	37	93 036	53 824,072	1 193 993,310	22,183	21,723
56	38	92 422	52 939,136	1 140 169,237	21,537	21,077
57	39	91 737	52 026,483	1 087 230,102	20,898	20,438
58	40	90 991	51 092,499	1 035 203,619	20,261	19,801
59	41	90 161	50 125,614	984 111,120	19,633	19,173
60	42	89 259	49 132,718	933 985,506	19,009	18,549
61	43	88 290	48 117,835	884 852,788	18,389	17,929
62	44	87 241	47 075,525	836 734,953	17,774	17,314
63	45	86 095	45 997,244	789 659,428	17,168	16,708
64	46	84 876	44 896,706	743 662,184	16,564	16,104
65	47	83 558	43 761,909	698 765,478	15,967	15,507
66	48	82 156	42 601,636	655 003,569	15,375	14,915
67	49	80 683	41 424,012	612 401,933	14,784	14,324
68	50	79 091	40 204,555	570 977,921	14,202	13,742
69	51	77 459	38 985,004	530 773,367	13,615	13,155
70	52	75 693	37 719,028	491 788,363	13,038	12,578
71	53	73 816	36 419,230	454 069,335	12,468	12,008
72	54	71 818	35 082,984	417 650,105	11,905	11,445
73	55	69 730	33 725,526	382 567,121	11,344	10,884
74	56	67 532	32 339,242	348 841,595	10,787	10,327
75	57	65 207	30 916,758	316 502,353	10,237	9,777
76	58	62 737	29 450,853	285 585,595	9,697	9,237
77	59	60 109	27 937,877	256 134,742	9,168	8,708
78	60	57 351	26 392,006	228 196,865	8,646	8,186
79	61	54 404	24 787,996	201 804,859	8,141	7,681
80	62	51 271	23 129,406	177 016,863	7,653	7,193
81	63	47 974	21 427,773	153 887,457	7,182	6,722
82	64	44 488	19 673,671	132 459,685	6,733	6,273
83	65	40 861	17 891,083	112 786,013	6,304	5,844
84	66	37 096	16 081,870	94 894,931	5,901	5,441
85	67	33 267	14 279,018	78 813,061	5,520	5,060
86	68	29 403	12 495,322	64 534,043	5,165	4,705
87	69	25 609	10 775,548	52 038,721	4,829	4,369
88	70	21 956	9 146,673	41 263,173	4,511	4,051
89	71	18 488	7 625,972	32 116,499	4,211	3,751
90	72	15 278	6 239,259	24 490,527	3,925	3,465
91	73	12 354	4 995,257	18 251,268	3,654	3,194
92	74	9 701	3 883,672	13 256,011	3,413	2,953
93	75	7 397	2 931,965	9 372,340	3,197	2,737
94	76	5 487	2 153,246	6 440,375	2,991	2,531
95	77	3 899	1 515,037	4 287,129	2,830	2,370
96	78	2 716	1 044,938	2 772,092	2,653	2,193
97	79	1 815	691,185	1 727,155	2,499	2,039
98	80	1 162	438,106	1 035,970	2,365	1,905
99	81	713	266,289	597,863	2,245	1,785
100	82	419	155,072	331,575	2,138	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	82 261,090	3 653 675,960	44,416	43,956
20	1	99 035	81 163,179	3 571 414,869	44,003	43,543
21	2	98 967	80 304,802	3 490 251,690	43,463	43,003
22	3	98 911	79 464,685	3 409 946,888	42,911	42,451
23	4	98 855	78 633,051	3 330 482,204	42,355	41,895
24	5	98 800	77 811,678	3 251 849,152	41,791	41,331
25	6	98 745	76 998,249	3 174 037,474	41,222	40,762
26	7	98 691	76 194,194	3 097 039,225	40,647	40,187
27	8	98 639	75 400,334	3 020 845,031	40,064	39,604
28	9	98 581	74 609,782	2 945 444,697	39,478	39,018
29	10	98 524	73 828,244	2 870 834,915	38,885	38,425
30	11	98 462	73 051,087	2 797 006,671	38,288	37,828
31	12	98 398	72 280,756	2 723 955,584	37,686	37,226
32	13	98 322	71 510,185	2 651 674,829	37,081	36,621
33	14	98 245	70 746,500	2 580 164,644	36,471	36,011
34	15	98 165	69 988,957	2 509 418,144	35,854	35,395
35	16	98 074	69 231,533	2 439 429,187	35,236	34,776
36	17	97 973	68 475,557	2 370 197,654	34,614	34,154
37	18	97 871	67 727,508	2 301 722,097	33,985	33,525
38	19	97 760	66 980,465	2 233 994,589	33,353	32,893
39	20	97 638	66 234,905	2 167 014,124	32,717	32,257
40	21	97 514	65 495,411	2 100 779,220	32,075	31,615
41	22	97 375	64 754,726	2 035 283,808	31,431	30,971
42	23	97 229	64 017,591	1 970 529,082	30,781	30,321
43	24	97 063	63 275,577	1 906 511,491	30,130	29,670
44	25	96 888	62 535,883	1 843 235,914	29,475	29,015
45	26	96 696	61 794,016	1 780 700,031	28,817	28,357
46	27	96 479	61 045,241	1 718 906,016	28,158	27,698
47	28	96 248	60 295,609	1 657 860,775	27,496	27,036
48	29	95 984	59 535,376	1 597 565,166	26,834	26,374
49	30	95 692	58 766,553	1 538 029,790	26,172	25,712
50	31	95 363	57 984,383	1 479 263,237	25,511	25,051
51	32	94 997	57 190,065	1 421 278,854	24,852	24,392
52	33	94 598	56 385,628	1 364 088,789	24,192	23,732
53	34	94 145	55 560,511	1 307 703,161	23,537	23,077
54	35	93 639	54 714,700	1 252 142,650	22,885	22,425
55	36	93 080	53 849,319	1 197 427,950	22,237	21,777
56	37	92 464	52 963,511	1 143 578,631	21,592	21,132
57	38	91 790	52 056,970	1 090 615,120	20,950	20,490
58	39	91 045	51 122,953	1 038 558,150	20,315	19,855
59	40	90 223	50 159,657	987 435,196	19,686	19,226
60	41	89 327	49 170,228	937 275,539	19,062	18,602
61	42	88 363	48 157,797	888 105,311	18,442	17,982
62	43	87 320	47 117,928	839 947,514	17,826	17,367
63	44	86 183	46 044,211	792 829,586	17,219	16,759
64	45	84 970	44 946,684	746 785,375	16,615	16,155
65	46	83 664	43 817,546	701 838,691	16,017	15,557
66	47	82 274	42 662,795	658 021,145	15,424	14,964
67	48	80 813	41 490,379	615 358,350	14,831	14,371
68	49	79 235	40 277,515	573 867,971	14,248	13,788
69	50	77 612	39 061,982	533 590,456	13,660	13,200
70	51	75 861	37 802,525	494 528,474	13,082	12,622
71	52	73 997	36 508,870	456 725,949	12,510	12,050
72	53	72 015	35 179,134	420 217,079	11,945	11,485
73	54	69 940	33 827,334	385 037,945	11,382	10,922
74	55	67 757	32 446,751	351 210,611	10,824	10,364
75	56	65 444	31 029,048	318 763,860	10,273	9,813
76	57	62 988	29 568,900	287 734,812	9,731	9,271
77	58	60 375	28 061,644	258 165,911	9,200	8,740
78	59	57 629	26 520,099	230 104,267	8,677	8,217
79	60	54 699	24 922,352	203 584,169	8,169	7,709
80	61	51 560	23 259,546	178 661,816	7,681	7,221
81	62	48 268	21 558,778	155 402,271	7,208	6,748
82	63	44 782	19 804,070	133 843,493	6,758	6,298
83	64	41 161	18 022,418	114 039,424	6,328	5,868
84	65	37 396	16 211,761	96 017,005	5,923	5,463
85	66	33 560	14 404,850	79 805,244	5,540	5,080
86	67	29 690	12 617,642	65 400,394	5,183	4,723
87	68	25 874	10 886,754	52 782,751	4,848	4,388
88	69	22 204	9 250,016	41 895,997	4,529	4,069
89	70	18 716	7 720,029	32 645,981	4,229	3,769
90	71	15 485	6 323,939	24 925,952	3,942	3,482
91	72	12 534	5 068,288	18 602,013	3,670	3,210
92	73	9 853	3 944,747	13 533,725	3,431	2,971
93	74	7 526	2 982,999	9 588,978	3,215	2,755
94	75	5 593	2 195,101	6 605,979	3,009	2,549
95	76	3 986	1 548,842	4 410,878	2,848	2,388
96	77	2 784	1 071,129	2 862,036	2,672	2,212
97	78	1 867	711,169	1 790,907	2,518	2,058
98	79	1 201	453,021	1 079,738	2,383	1,923
99	80	742	276,925	626,717	2,263	1,803
100	81	439	162,219	349,792	2,156	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	81 412,616	3 575 180,806	43,914	43,454
21	1	98 990	80 323,362	3 493 768,190	43,496	43,036
22	2	98 923	79 474,148	3 413 444,829	42,950	42,490
23	3	98 866	78 642,421	3 333 970,680	42,394	41,934
24	4	98 809	77 818,754	3 255 328,260	41,832	41,372
25	5	98 752	77 004,024	3 177 509,505	41,264	40,804
26	6	98 698	76 199,210	3 100 505,482	40,689	40,229
27	7	98 644	75 404,051	3 024 306,271	40,108	39,648
28	8	98 587	74 614,401	2 948 902,220	39,522	39,062
29	9	98 530	73 833,021	2 874 287,819	38,930	38,470
30	10	98 468	73 055,416	2 800 454,798	38,333	37,873
31	11	98 405	72 286,140	2 727 399,382	37,731	37,271
32	12	98 330	71 515,843	2 655 113,242	37,126	36,666
33	13	98 253	70 752,565	2 583 597,399	36,516	36,056
34	14	98 175	69 996,302	2 512 844,834	35,900	35,440
35	15	98 086	69 240,195	2 442 848,532	35,281	34,821
36	16	97 987	68 485,220	2 373 608,337	34,659	34,199
37	17	97 886	67 737,426	2 305 123,117	34,030	33,570
38	18	97 780	66 994,108	2 237 385,691	33,397	32,937
39	19	97 657	66 247,692	2 170 391,584	32,762	32,302
40	20	97 532	65 507,541	2 104 143,892	32,121	31,661
41	21	97 391	64 765,449	2 038 636,350	31,477	31,017
42	22	97 246	64 028,671	1 973 870,902	30,828	30,368
43	23	97 084	63 289,310	1 909 842,231	30,176	29,716
44	24	96 904	62 546,489	1 846 552,921	29,523	29,063
45	25	96 714	61 805,540	1 784 006,432	28,865	28,405
46	26	96 498	61 057,121	1 722 200,892	28,206	27,746
47	27	96 269	60 308,782	1 661 143,772	27,544	27,084
48	28	96 008	59 550,228	1 600 834,990	26,882	26,422
49	29	95 717	58 781,765	1 541 284,762	26,220	25,760
50	30	95 391	58 001,606	1 482 502,997	25,560	25,100
51	31	95 027	57 208,326	1 424 501,392	24,900	24,440
52	32	94 630	56 405,203	1 367 293,066	24,241	23,781
53	33	94 179	55 580,300	1 310 887,863	23,585	23,125
54	34	93 676	54 736,108	1 255 307,562	22,934	22,474
55	35	93 117	53 871,001	1 200 571,454	22,286	21,826
56	36	92 508	52 988,354	1 146 700,453	21,641	21,181
57	37	91 833	52 080,939	1 093 712,099	21,000	20,540
58	38	91 098	51 152,912	1 041 631,160	20,363	19,903
59	39	90 276	50 189,555	990 478,248	19,735	19,275
60	40	89 388	49 203,623	940 288,693	19,110	18,650
61	41	88 430	48 194,563	891 085,070	18,489	18,029
62	42	87 392	47 157,059	842 890,507	17,874	17,414
63	43	86 261	46 085,685	795 733,448	17,266	16,806
64	44	85 057	44 992,579	749 647,763	16,662	16,202
65	45	83 757	43 866,323	704 655,185	16,064	15,604
66	46	82 378	42 717,034	660 788,861	15,469	15,009
67	47	80 929	41 549,942	618 071,827	14,875	14,415
68	48	79 362	40 342,046	576 521,885	14,291	13,831
69	49	77 753	39 132,869	536 179,840	13,702	13,242
70	50	76 011	37 877,169	497 046,970	13,123	12,663
71	51	74 161	36 589,689	459 169,802	12,549	12,089
72	52	72 192	35 265,722	422 580,113	11,983	11,523
73	53	70 132	33 920,042	387 314,391	11,418	10,958
74	54	67 961	32 544,699	353 394,349	10,859	10,399
75	55	65 662	31 132,201	320 849,651	10,306	9,846
76	56	63 217	29 676,296	289 717,449	9,763	9,303
77	57	60 617	28 174,123	260 041,154	9,230	8,770
78	58	57 884	26 637,585	231 867,031	8,705	8,245
79	59	54 964	25 043,312	205 229,446	8,195	7,735
80	60	51 839	23 385,618	180 186,134	7,705	7,245
81	61	48 539	21 680,080	156 800,516	7,232	6,772
82	62	45 056	19 925,147	135 120,436	6,781	6,321
83	63	41 434	18 141,872	115 195,289	6,350	5,890
84	64	37 671	16 330,769	97 053,417	5,943	5,483
85	65	33 831	14 521,197	80 722,647	5,559	5,099
86	66	29 952	12 728,834	66 201,451	5,201	4,741
87	67	26 127	10 993,328	53 472,617	4,864	4,404
88	68	22 433	9 345,478	42 479,289	4,545	4,085
89	69	18 928	7 807,253	33 133,810	4,244	3,784
90	70	15 676	6 401,937	25 326,557	3,956	3,496
91	71	12 705	5 137,075	18 924,620	3,684	3,224
92	72	9 997	4 002,419	13 787,545	3,445	2,985
93	73	7 644	3 029,910	9 785,126	3,230	2,770
94	74	5 691	2 233,309	6 755,215	3,025	2,565
95	75	4 063	1 578,949	4 521,906	2,864	2,404
96	76	2 846	1 095,029	2 942,957	2,688	2,228
97	77	1 914	728,994	1 847,928	2,535	2,075
98	78	1 236	466,119	1 118,934	2,401	1,941
99	79	767	286,352	652,815	2,280	1,820
100	80	456	168,699	366,462	2,172	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	80 570,217	3 497 239,452	43,406	42,946
22	1	98 946	79 492,516	3 416 669,235	42,981	42,521
23	2	98 878	78 651,786	3 337 176,719	42,430	41,970
24	3	98 821	77 828,027	3 258 524,933	41,868	41,408
25	4	98 761	77 011,026	3 180 696,906	41,302	40,842
26	5	98 705	76 204,925	3 103 685,880	40,728	40,268
27	6	98 651	75 409,015	3 027 480,955	40,147	39,687
28	7	98 592	74 618,080	2 952 071,940	39,562	39,102
29	8	98 537	73 837,593	2 877 453,860	38,970	38,510
30	9	98 474	73 060,143	2 803 616,267	38,374	37,914
31	10	98 411	72 290,423	2 730 556,124	37,772	37,312
32	11	98 337	71 521,170	2 658 265,701	37,168	36,708
33	12	98 261	70 758,163	2 586 744,531	36,558	36,098
34	13	98 184	70 002,303	2 515 986,368	35,941	35,481
35	14	98 096	69 247,461	2 445 984,065	35,322	34,862
36	15	97 999	68 493,789	2 376 736,604	34,700	34,240
37	16	97 900	67 746,985	2 308 242,815	34,072	33,612
38	17	97 794	67 003,918	2 240 495,830	33,438	32,978
39	18	97 677	66 261,186	2 173 491,912	32,802	32,342
40	19	97 551	65 520,188	2 107 230,726	32,162	31,702
41	20	97 409	64 777,443	2 041 710,538	31,519	31,059
42	21	97 262	64 039,273	1 976 933,094	30,871	30,411
43	22	97 101	63 300,264	1 912 893,821	30,219	29,759
44	23	96 925	62 560,064	1 849 593,558	29,565	29,105
45	24	96 730	61 816,022	1 787 033,494	28,909	28,449
46	25	96 516	61 068,507	1 725 217,472	28,251	27,791
47	26	96 287	60 320,519	1 664 148,965	27,588	27,128
48	27	96 029	59 563,238	1 603 828,446	26,926	26,467
49	28	95 741	58 796,428	1 544 265,208	26,265	25,805
50	29	95 416	58 016,619	1 485 468,780	25,604	25,144
51	30	95 056	57 225,318	1 427 452,161	24,944	24,484
52	31	94 661	56 423,213	1 370 226,843	24,285	23,825
53	32	94 212	55 599,596	1 313 803,629	23,630	23,170
54	33	93 709	54 755,604	1 258 204,034	22,979	22,519
55	34	93 154	53 892,080	1 203 448,430	22,331	21,871
56	35	92 545	53 009,690	1 149 556,350	21,686	21,226
57	36	91 876	52 105,369	1 096 546,661	21,045	20,585
58	37	91 140	51 176,464	1 044 441,292	20,409	19,949
59	38	90 329	50 218,967	993 264,828	19,779	19,319
60	39	89 441	49 232,951	943 045,861	19,155	18,695
61	40	88 491	48 227,294	893 812,910	18,533	18,073
62	41	87 459	47 193,061	845 585,616	17,918	17,458
63	42	86 332	46 123,959	798 392,555	17,310	16,850
64	43	85 133	45 033,105	752 268,596	16,705	16,245
65	44	83 842	43 911,114	707 235,491	16,106	15,646
66	45	82 470	42 764,587	663 324,376	15,511	15,051
67	46	81 032	41 602,767	620 559,790	14,916	14,456
68	47	79 476	40 399,961	578 957,023	14,331	13,871
69	48	77 877	39 195,566	538 557,063	13,740	13,280
70	49	76 148	37 945,905	499 361,497	13,160	12,700
71	50	74 308	36 661,937	461 415,592	12,586	12,126
72	51	72 352	35 343,789	424 753,655	12,018	11,558
73	52	70 305	34 003,531	389 409,866	11,452	10,992
74	53	68 148	32 633,892	355 406,335	10,891	10,431
75	54	65 860	31 226,181	322 772,444	10,337	9,877
76	55	63 427	29 774,952	291 546,263	9,792	9,332
77	56	60 837	28 276,452	261 771,311	9,258	8,798
78	57	58 116	26 744,356	233 494,859	8,731	8,271
79	58	55 208	25 154,256	206 750,503	8,219	7,759
80	59	52 091	23 499,119	181 596,247	7,728	7,268
81	60	48 802	21 797,591	158 097,128	7,253	6,793
82	61	45 310	20 037,258	136 299,537	6,802	6,342
83	62	41 687	18 252,787	116 262,279	6,370	5,910
84	63	37 920	16 439,011	98 009,491	5,962	5,502
85	64	34 080	14 627,794	81 570,481	5,576	5,116
86	65	30 194	12 831,643	66 942,686	5,217	4,757
87	66	26 357	11 090,206	54 111,043	4,879	4,419
88	67	22 652	9 436,964	43 020,838	4,559	4,099
89	68	19 123	7 887,826	33 583,873	4,258	3,798
90	69	15 853	6 474,269	25 696,048	3,969	3,509
91	70	12 861	5 200,435	19 221,779	3,696	3,236
92	71	10 133	4 056,741	14 021,344	3,456	2,996
93	72	7 756	3 074,208	9 964,604	3,241	2,781
94	73	5 780	2 268,431	6 890,396	3,038	2,578
95	74	4 134	1 606,432	4 621,965	2,877	2,417
96	75	2 902	1 116,314	3 015,533	2,701	2,241
97	76	1 957	745,260	1 899,219	2,548	2,088
98	77	1 267	477,803	1 153,958	2,415	1,955
99	78	789	294,632	676,156	2,295	1,835
100	79	472	174,442	381,524	2,187	1,727

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	79 736,818	3 419 869,185	42,889	42,429
23	1	98 901	78 669,964	3 340 132,367	42,458	41,998
24	2	98 833	77 837,296	3 261 462,403	41,901	41,441
25	3	98 773	77 020,202	3 183 625,108	41,335	40,875
26	4	98 714	76 211,855	3 106 604,905	40,763	40,303
27	5	98 658	75 414,671	3 030 393,050	40,183	39,723
28	6	98 599	74 622,992	2 954 978,379	39,599	39,139
29	7	98 541	73 841,233	2 880 355,388	39,007	38,547
30	8	98 480	73 064,667	2 806 514,155	38,411	37,951
31	9	98 417	72 295,101	2 733 449,488	37,810	37,350
32	10	98 343	71 525,408	2 661 154,387	37,206	36,746
33	11	98 268	70 763,433	2 589 628,979	36,596	36,136
34	12	98 191	70 007,841	2 518 865,545	35,980	35,520
35	13	98 105	69 253,398	2 448 857,704	35,361	34,901
36	14	98 009	68 500,977	2 379 604,306	34,738	34,278
37	15	97 912	67 755,461	2 311 103,329	34,109	33,649
38	16	97 808	67 013,374	2 243 347,867	33,476	33,016
39	17	97 691	66 270,889	2 176 334,493	32,840	32,380
40	18	97 571	65 533,534	2 110 063,604	32,198	31,738
41	19	97 428	64 789,949	2 044 530,071	31,556	31,096
42	20	97 280	64 051,133	1 979 740,121	30,909	30,449
43	21	97 117	63 310,745	1 915 688,988	30,259	29,799
44	22	96 942	62 570,891	1 852 378,243	29,604	29,144
45	23	96 751	61 829,438	1 789 807,352	28,947	28,488
46	24	96 533	61 078,865	1 727 977,914	28,291	27,831
47	25	96 305	60 331,768	1 666 899,049	27,629	27,169
48	26	96 048	59 574,829	1 606 567,281	26,967	26,507
49	27	95 762	58 809,274	1 546 992,451	26,305	25,845
50	28	95 440	58 031,092	1 488 183,177	25,645	25,185
51	29	95 080	57 240,131	1 430 152,086	24,985	24,525
52	30	94 689	56 439,972	1 372 911,955	24,325	23,865
53	31	94 242	55 617,349	1 316 471,983	23,670	23,210
54	32	93 742	54 774,613	1 260 854,634	23,019	22,559
55	33	93 187	53 911,274	1 206 080,021	22,372	21,912
56	34	92 581	53 030,431	1 152 168,747	21,727	21,267
57	35	91 913	52 126,349	1 099 138,316	21,086	20,626
58	36	91 183	51 200,470	1 047 011,967	20,449	19,989
59	37	90 371	50 242,089	995 811,498	19,820	19,360
60	38	89 494	49 261,802	945 569,409	19,195	18,735
61	39	88 543	48 256,041	896 307,607	18,574	18,114
62	40	87 518	47 225,113	848 051,567	17,958	17,498
63	41	86 398	46 159,172	800 826,454	17,349	16,889
64	42	85 204	45 070,505	754 667,282	16,744	16,284
65	43	83 918	43 950,667	709 596,777	16,145	15,685
66	44	82 554	42 808,253	665 646,110	15,549	15,090
67	45	81 122	41 649,078	622 837,857	14,954	14,494
68	46	79 577	40 451,323	581 188,779	14,368	13,908
69	47	77 989	39 251,835	540 737,456	13,776	13,316
70	48	76 270	38 006,700	501 485,621	13,195	12,735
71	49	74 442	36 728,469	463 478,921	12,619	12,159
72	50	72 495	35 413,577	426 750,452	12,050	11,590
73	51	70 460	34 078,804	391 336,875	11,483	11,023
74	52	68 315	32 714,215	357 258,072	10,921	10,461
75	53	66 041	31 311,760	324 543,857	10,365	9,905
76	54	63 619	29 864,834	293 232,097	9,819	9,359
77	55	61 040	28 370,455	263 367,263	9,283	8,823
78	56	58 328	26 841,492	234 996,808	8,755	8,295
79	57	55 429	25 255,081	208 155,316	8,242	7,782
80	58	52 322	23 603,222	182 900,235	7,749	7,289
81	59	49 039	21 903,385	159 297,012	7,273	6,813
82	60	45 555	20 145,865	137 393,628	6,820	6,360
83	61	41 922	18 355,488	117 247,763	6,388	5,928
84	62	38 152	16 539,515	98 892,275	5,979	5,519
85	63	34 306	14 724,748	82 352,759	5,593	5,133
86	64	30 416	12 925,838	67 628,011	5,232	4,772
87	65	26 570	11 179,780	54 702,173	4,893	4,433
88	66	22 852	9 520,126	43 522,393	4,572	4,112
89	67	19 310	7 965,042	34 002,267	4,269	3,809
90	68	16 017	6 541,085	26 037,225	3,981	3,521
91	69	13 007	5 259,191	19 496,140	3,707	3,247
92	70	10 258	4 106,776	14 236,949	3,467	3,007
93	71	7 861	3 115,931	10 130,173	3,251	2,791
94	72	5 865	2 301,595	7 014,242	3,048	2,588
95	73	4 199	1 631,695	4 712,647	2,888	2,428
96	74	2 952	1 135,745	3 080,951	2,713	2,253
97	75	1 995	759,747	1 945,206	2,560	2,100
98	76	1 295	488,464	1 185,459	2,427	1,967
99	77	809	302,017	696,996	2,308	1,848
100	78	485	179,486	394,979	2,201	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	78 911,738	3 343 082,428	42,365	41,905
24	1	98 856	77 855,285	3 264 170,690	41,926	41,466
25	2	98 785	77 029,375	3 186 315,406	41,365	40,905
26	3	98 726	76 220,936	3 109 286,031	40,793	40,333
27	4	98 667	75 421,529	3 033 065,095	40,215	39,755
28	5	98 606	74 628,589	2 957 643,566	39,632	39,172
29	6	98 548	73 846,094	2 883 014,977	39,041	38,581
30	7	98 485	73 068,269	2 809 168,883	38,446	37,986
31	8	98 423	72 299,577	2 736 100,615	37,844	37,384
32	9	98 350	71 530,037	2 663 801,037	37,240	36,780
33	10	98 274	70 767,627	2 592 271,000	36,631	36,171
34	11	98 199	70 013,056	2 521 503,374	36,015	35,555
35	12	98 112	69 258,877	2 451 490,318	35,396	34,936
36	13	98 017	68 506,850	2 382 231,440	34,774	34,314
37	14	97 922	67 762,572	2 313 724,591	34,145	33,685
38	15	97 820	67 021,758	2 245 962,018	33,511	33,051
39	16	97 705	66 280,241	2 178 940,260	32,875	32,415
40	17	97 585	65 543,130	2 112 660,019	32,233	31,773
41	18	97 448	64 803,146	2 047 116,888	31,590	31,130
42	19	97 299	64 063,499	1 982 313,742	30,943	30,483
43	20	97 135	63 322,470	1 918 250,243	30,293	29,833
44	21	96 958	62 581,252	1 854 927,773	29,640	29,180
45	22	96 768	61 840,139	1 792 346,521	28,984	28,524
46	23	96 554	61 092,121	1 730 506,382	28,326	27,866
47	24	96 322	60 342,000	1 669 414,261	27,666	27,206
48	25	96 066	59 585,940	1 609 072,261	27,004	26,544
49	26	95 781	58 820,719	1 549 486,321	26,343	25,883
50	27	95 461	58 043,770	1 490 665,602	25,682	25,222
51	28	95 104	57 254,410	1 432 621,832	25,022	24,562
52	29	94 713	56 454,582	1 375 367,422	24,362	23,902
53	30	94 270	55 633,868	1 318 912,840	23,707	23,247
54	31	93 772	54 792,102	1 263 278,972	23,056	22,596
55	32	93 219	53 929,991	1 208 486,870	22,408	21,948
56	33	92 614	53 049,319	1 154 556,879	21,764	21,304
57	34	91 949	52 146,744	1 101 507,561	21,123	20,663
58	35	91 220	51 221,085	1 049 360,817	20,487	20,027
59	36	90 413	50 265,656	998 139,731	19,857	19,397
60	37	89 535	49 284,484	947 874,075	19,233	18,773
61	38	88 595	48 284,319	898 589,592	18,610	18,150
62	39	87 570	47 253,261	850 305,273	17,995	17,535
63	40	86 457	46 190,521	803 052,012	17,386	16,926
64	41	85 269	45 104,914	756 861,490	16,780	16,320
65	42	83 988	43 987,168	711 756,576	16,181	15,721
66	43	82 628	42 846,812	667 769,408	15,585	15,125
67	44	81 205	41 691,606	624 922,596	14,989	14,529
68	45	79 665	40 496,353	583 230,991	14,402	13,942
69	46	78 088	39 301,737	542 734,638	13,809	13,349
70	47	76 380	38 061,263	503 432,900	13,227	12,767
71	48	74 562	36 787,313	465 371,638	12,650	12,190
72	49	72 627	35 477,843	428 584,325	12,080	11,620
73	50	70 599	34 146,094	393 106,482	11,512	11,053
74	51	68 467	32 786,633	358 960,388	10,948	10,488
75	52	66 203	31 388,829	326 173,754	10,391	9,931
76	53	63 793	29 946,682	294 784,925	9,844	9,384
77	54	61 224	28 456,097	264 838,243	9,307	8,847
78	55	58 521	26 930,724	236 382,146	8,777	8,317
79	56	55 630	25 346,808	209 451,421	8,263	7,803
80	57	52 531	23 697,831	184 104,613	7,769	7,309
81	58	49 256	22 000,419	160 406,782	7,291	6,831
82	59	45 776	20 243,642	138 406,363	6,837	6,377
83	60	42 149	18 454,980	118 162,722	6,403	5,943
84	61	38 367	16 632,576	99 707,742	5,995	5,535
85	62	34 515	14 814,772	83 075,166	5,608	5,148
86	63	30 617	13 011,512	68 260,394	5,246	4,786
87	64	26 765	11 261,849	55 248,882	4,906	4,446
88	65	23 037	9 597,019	43 987,033	4,583	4,123
89	66	19 481	8 035,233	34 390,014	4,280	3,820
90	67	16 174	6 605,117	26 354,781	3,990	3,530
91	68	13 141	5 313,467	19 749,664	3,717	3,257
92	69	10 374	4 153,176	14 436,196	3,476	3,016
93	70	7 958	3 154,362	10 283,021	3,260	2,800
94	71	5 944	2 332,833	7 128,659	3,056	2,596
95	72	4 261	1 655,551	4 795,826	2,897	2,437
96	73	2 999	1 153,606	3 140,275	2,722	2,262
97	74	2 029	772,971	1 986,669	2,570	2,110
98	75	1 320	497,959	1 213,698	2,437	1,977
99	76	827	308,755	715,739	2,318	1,858
100	77	498	183,984	406,984	2,212	1,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	78 094,555	3 266 890,566	41,833	41,373
25	1	98 808	77 047,177	3 188 796,011	41,388	40,928
26	2	98 737	76 230,013	3 111 748,834	40,821	40,361
27	3	98 679	75 430,516	3 035 518,821	40,243	39,783
28	4	98 615	74 635,375	2 960 088,305	39,661	39,201
29	5	98 555	73 851,632	2 885 452,930	39,071	38,611
30	6	98 491	73 073,079	2 811 601,298	38,477	38,017
31	7	98 428	72 303,142	2 738 528,219	37,876	37,416
32	8	98 356	71 534,466	2 666 225,077	37,272	36,812
33	9	98 281	70 772,206	2 594 690,611	36,663	36,203
34	10	98 205	70 017,205	2 523 918,405	36,047	35,587
35	11	98 120	69 264,036	2 453 901,200	35,428	34,968
36	12	98 025	68 512,270	2 384 637,164	34,806	34,346
37	13	97 930	67 768,381	2 316 124,894	34,177	33,717
38	14	97 830	67 028,792	2 248 356,513	33,543	33,083
39	15	97 717	66 288,534	2 181 327,721	32,907	32,447
40	16	97 599	65 552,380	2 115 039,187	32,265	31,805
41	17	97 462	64 812,636	2 049 486,807	31,622	31,162
42	18	97 319	64 076,548	1 984 674,171	30,973	30,514
43	19	97 154	63 334,696	1 920 597,623	30,325	29,865
44	20	96 976	62 592,842	1 857 262,928	29,672	29,212
45	21	96 784	61 850,379	1 794 670,085	29,016	28,556
46	22	96 570	61 102,694	1 732 819,706	28,359	27,899
47	23	96 343	60 355,096	1 671 717,012	27,698	27,238
48	24	96 082	59 596,046	1 611 361,915	27,038	26,578
49	25	95 798	58 831,689	1 551 765,870	26,376	25,916
50	26	95 479	58 055,066	1 492 934,181	25,716	25,256
51	27	95 125	57 266,918	1 434 879,115	25,056	24,596
52	28	94 737	56 468,665	1 377 612,197	24,396	23,936
53	29	94 294	55 648,269	1 321 143,532	23,741	23,281
54	30	93 800	54 808,377	1 265 495,263	23,089	22,629
55	31	93 249	53 947,210	1 210 686,887	22,442	21,982
56	32	92 646	53 067,736	1 156 739,676	21,797	21,337
57	33	91 981	52 165,317	1 103 671,941	21,157	20,697
58	34	91 255	51 241,126	1 051 506,623	20,521	20,061
59	35	90 450	50 285,895	1 000 265,497	19,892	19,432
60	36	89 577	49 307,601	949 979,602	19,266	18,806
61	37	88 636	48 306,551	900 672,000	18,645	18,185
62	38	87 622	47 280,952	852 365,450	18,028	17,568
63	39	86 508	46 218,053	805 084,498	17,419	16,959
64	40	85 327	45 135,548	758 866,444	16,813	16,353
65	41	84 052	44 020,750	713 730,897	16,214	15,754
66	42	82 697	42 882,396	669 710,147	15,617	15,157
67	43	81 278	41 729,159	626 827,751	15,021	14,561
68	44	79 747	40 537,703	585 098,592	14,433	13,973
69	45	78 175	39 345,488	544 560,889	13,840	13,381
70	46	76 477	38 109,652	505 215,401	13,257	12,797
71	47	74 669	36 840,125	467 105,749	12,679	12,219
72	48	72 743	35 534,684	430 265,625	12,108	11,648
73	49	70 728	34 208,060	394 730,941	11,539	11,079
74	50	68 602	32 851,372	360 522,881	10,974	10,514
75	51	66 350	31 458,314	327 671,508	10,416	9,956
76	52	63 950	30 020,392	296 213,195	9,867	9,407
77	53	61 392	28 534,085	266 192,803	9,329	8,869
78	54	58 698	27 012,021	237 658,718	8,798	8,338
79	55	55 815	25 431,072	210 646,698	8,283	7,823
80	56	52 722	23 783,902	185 215,626	7,787	7,327
81	57	49 454	22 088,603	161 431,724	7,308	6,848
82	58	45 979	20 333,323	139 343,122	6,853	6,393
83	59	42 354	18 544,550	119 009,799	6,418	5,958
84	60	38 575	16 722,729	100 465,249	6,008	5,548
85	61	34 710	14 898,129	83 742,520	5,621	5,161
86	62	30 804	13 091,061	68 844,391	5,259	4,799
87	63	26 943	11 336,493	55 753,330	4,918	4,458
88	64	23 206	9 667,470	44 416,837	4,594	4,134
89	65	19 638	8 100,133	34 749,368	4,290	3,830
90	66	16 316	6 663,324	26 649,235	3,999	3,539
91	67	13 269	5 365,482	19 985,911	3,725	3,265
92	68	10 481	4 196,037	14 620,428	3,484	3,024
93	69	8 048	3 190,002	10 424,391	3,268	2,808
94	70	6 018	2 361,606	7 234,390	3,063	2,603
95	71	4 318	1 678,020	4 872,784	2,904	2,444
96	72	3 042	1 170,472	3 194,764	2,729	2,269
97	73	2 061	785,127	2 024,292	2,578	2,118
98	74	1 343	506,626	1 239,165	2,446	1,986
99	75	843	314,757	732,539	2,327	1,867
100	76	509	188,090	417,782	2,221	1,761

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	77 283,965	3 191 303,873	41,293	40,833
26	1	98 760	76 247,631	3 114 019,908	40,841	40,381
27	2	98 691	75 439,499	3 037 772,278	40,268	39,808
28	3	98 627	74 644,268	2 962 332,779	39,686	39,226
29	4	98 564	73 858,348	2 887 688,510	39,098	38,638
30	5	98 499	73 078,559	2 813 830,162	38,504	38,044
31	6	98 435	72 307,901	2 740 751,603	37,904	37,444
32	7	98 360	71 537,992	2 668 443,702	37,301	36,841
33	8	98 287	70 776,588	2 596 905,709	36,692	36,232
34	9	98 211	70 021,736	2 526 129,121	36,076	35,616
35	10	98 125	69 268,141	2 456 107,386	35,458	34,998
36	11	98 033	68 517,374	2 386 839,245	34,836	34,376
37	12	97 938	67 773,743	2 318 321,871	34,207	33,747
38	13	97 839	67 034,538	2 250 548,128	33,573	33,113
39	14	97 728	66 295,491	2 183 513,590	32,936	32,476
40	15	97 611	65 560,582	2 117 218,099	32,294	31,834
41	16	97 476	64 821,782	2 051 657,517	31,651	31,191
42	17	97 333	64 085,931	1 986 835,735	31,003	30,543
43	18	97 174	63 347,596	1 922 749,804	30,352	29,892
44	19	96 995	62 604,926	1 859 402,208	29,701	29,241
45	20	96 802	61 861,834	1 796 797,282	29,045	28,585
46	21	96 586	61 112,812	1 734 935,448	28,389	27,929
47	22	96 359	60 365,542	1 673 822,636	27,728	27,268
48	23	96 103	59 608,980	1 613 457,093	27,067	26,607
49	24	95 815	58 841,666	1 553 848,113	26,407	25,947
50	25	95 497	58 065,893	1 495 006,447	25,747	25,287
51	26	95 143	57 278,063	1 436 940,554	25,087	24,627
52	27	94 758	56 481,002	1 379 662,491	24,427	23,967
53	28	94 318	55 662,151	1 323 181,489	23,772	23,312
54	29	93 824	54 822,564	1 267 519,339	23,120	22,660
55	30	93 277	53 963,234	1 212 696,775	22,473	22,013
56	31	92 676	53 084,680	1 158 733,541	21,828	21,368
57	32	92 013	52 183,427	1 105 648,861	21,188	20,728
58	33	91 288	51 259,377	1 053 465,433	20,552	20,092
59	34	90 485	50 305,571	1 002 206,056	19,922	19,462
60	35	89 613	49 327,455	951 900,486	19,298	18,838
61	36	88 678	48 329,210	902 573,031	18,676	18,216
62	37	87 662	47 302,722	854 243,821	18,059	17,599
63	38	86 559	46 245,137	806 941,100	17,449	16,989
64	39	85 378	45 162,451	760 695,962	16,844	16,384
65	40	84 109	44 050,647	715 533,511	16,243	15,783
66	41	82 760	42 915,134	671 482,864	15,647	15,187
67	42	81 345	41 763,815	628 567,730	15,051	14,591
68	43	79 819	40 574,217	586 803,915	14,462	14,003
69	44	78 255	39 385,663	546 229,698	13,869	13,409
70	45	76 562	38 152,075	506 844,035	13,285	12,825
71	46	74 764	36 886,961	468 691,960	12,706	12,246
72	47	72 847	35 585,697	431 804,999	12,134	11,674
73	48	70 841	34 262,866	396 219,301	11,564	11,104
74	49	68 726	32 910,989	361 956,435	10,998	10,538
75	50	66 481	31 520,430	329 045,446	10,439	9,979
76	51	64 092	30 086,847	297 525,016	9,889	9,429
77	52	61 543	28 604,317	267 438,170	9,350	8,890
78	53	58 859	27 086,051	238 833,853	8,818	8,358
79	54	55 984	25 507,841	211 747,802	8,301	7,841
80	55	52 897	23 862,969	186 239,961	7,805	7,345
81	56	49 633	22 168,829	162 376,992	7,325	6,865
82	57	46 163	20 414,825	140 208,163	6,868	6,408
83	58	42 541	18 626,704	119 793,338	6,431	5,971
84	59	38 762	16 803,892	101 166,634	6,020	5,560
85	60	34 898	14 978,880	84 362,743	5,632	5,172
86	61	30 978	13 164,719	69 383,862	5,270	4,810
87	62	27 107	11 405,802	56 219,143	4,929	4,469
88	63	23 359	9 731,546	44 813,341	4,605	4,145
89	64	19 782	8 159,594	35 081,795	4,299	3,839
90	65	16 448	6 717,143	26 922,201	4,008	3,548
91	66	13 386	5 412,765	20 205,058	3,733	3,273
92	67	10 584	4 237,114	14 792,292	3,491	3,031
93	68	8 131	3 222,923	10 555,179	3,275	2,815
94	69	6 085	2 388,288	7 332,256	3,070	2,610
95	70	4 372	1 698,716	4 943,968	2,910	2,450
96	71	3 084	1 186,358	3 245,252	2,735	2,275
97	72	2 091	796,606	2 058,894	2,585	2,125
98	73	1 364	514,594	1 262,288	2,453	1,993
99	74	858	320,236	747,695	2,335	1,875
100	75	519	191,746	427,459	2,229	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 808 039,858	48,080	47,620
1	1	99 340	98 113,621	4 708 039,858	47,986	47,525
2	2	99 290	96 853,562	4 609 926,237	47,597	47,136
3	3	99 263	95 631,530	4 513 072,675	47,192	46,732
4	4	99 238	94 427,482	4 417 441,145	46,781	46,321
5	5	99 218	93 242,415	4 323 013,663	46,363	45,903
6	6	99 201	92 075,690	4 229 771,249	45,938	45,478
7	7	99 184	90 923,537	4 137 695,559	45,507	45,047
8	8	99 171	89 789,036	4 046 772,022	45,070	44,609
9	9	99 157	88 667,816	3 956 982,986	44,627	44,167
10	10	99 142	87 560,443	3 868 315,170	44,179	43,718
11	11	99 129	86 467,675	3 780 754,727	43,724	43,264
12	12	99 112	85 386,186	3 694 287,052	43,266	42,805
13	13	99 097	84 318,756	3 608 900,866	42,801	42,340
14	14	99 079	83 262,682	3 524 582,110	42,331	41,870
15	15	99 056	82 216,187	3 441 319,428	41,857	41,397
16	16	99 029	81 178,811	3 359 103,241	41,379	40,919
17	17	98 990	80 144,643	3 277 924,429	40,900	40,440
18	18	98 946	79 120,407	3 197 779,787	40,417	39,956
19	19	98 888	78 097,749	3 118 659,380	39,933	39,472
20	20	98 828	77 086,489	3 040 561,631	39,444	38,983
21	21	98 765	76 086,395	2 963 475,142	38,949	38,488
22	22	98 704	75 101,015	2 887 388,747	38,447	37,986
23	23	98 643	74 127,559	2 812 287,732	37,938	37,478
24	24	98 576	73 162,905	2 738 160,173	37,426	36,965
25	25	98 512	72 212,482	2 664 997,267	36,905	36,445
26	26	98 446	71 273,363	2 592 784,785	36,378	35,918
27	27	98 380	70 346,400	2 521 511,423	35,844	35,384
28	28	98 307	69 426,095	2 451 165,022	35,306	34,846
29	29	98 232	68 516,572	2 381 738,927	34,762	34,301
30	30	98 150	67 614,438	2 313 222,356	34,212	33,752
31	31	98 064	66 721,402	2 245 607,917	33,656	33,196
32	32	97 966	65 831,301	2 178 886,516	33,098	32,638
33	33	97 863	64 950,473	2 113 055,215	32,533	32,073
34	34	97 759	64 080,242	2 048 104,742	31,962	31,501
35	35	97 642	63 213,429	1 984 024,501	31,386	30,926
36	36	97 516	62 352,486	1 920 811,072	30,806	30,345
37	37	97 384	61 499,214	1 858 458,586	30,219	29,759
38	38	97 248	60 655,124	1 796 959,373	29,626	29,165
39	39	97 089	59 808,376	1 736 304,248	29,031	28,571
40	40	96 925	58 970,383	1 676 495,872	28,429	27,969
41	41	96 737	58 129,681	1 617 525,489	27,826	27,366
42	42	96 536	57 292,248	1 559 395,808	27,218	26,758
43	43	96 312	56 453,738	1 502 103,560	26,608	26,147
44	44	96 067	55 615,374	1 445 649,822	25,994	25,533
45	45	95 797	54 774,207	1 390 034,448	25,378	24,917
46	46	95 495	53 927,359	1 335 260,242	24,760	24,300
47	47	95 165	53 077,744	1 281 332,882	24,141	23,680
48	48	94 793	52 217,192	1 228 255,138	23,522	23,062
49	49	94 378	51 346,652	1 176 037,947	22,904	22,443
50	50	93 910	50 461,581	1 124 691,295	22,288	21,828
51	51	93 395	49 565,410	1 074 229,714	21,673	21,213
52	52	92 829	48 656,772	1 024 664,304	21,059	20,599
53	53	92 192	47 725,938	976 007,532	20,450	19,990
54	54	91 481	46 773,502	928 281,594	19,846	19,386
55	55	90 697	45 800,288	881 508,092	19,247	18,786
56	56	89 841	44 807,776	835 707,804	18,651	18,191
57	57	88 905	43 793,259	790 900,028	18,060	17,599
58	58	87 882	42 755,085	747 106,769	17,474	17,014
59	59	86 756	41 686,153	704 351,684	16,897	16,436
60	60	85 538	40 593,636	662 665,531	16,324	15,864
61	61	84 223	39 475,941	622 071,895	15,758	15,298
62	62	82 831	38 344,421	582 595,955	15,194	14,733
63	63	81 330	37 184,444	544 251,534	14,637	14,176
64	64	79 738	36 006,794	507 067,090	14,083	13,622
65	65	78 027	34 799,093	471 060,296	13,537	13,076
66	66	76 212	33 570,179	436 261,203	12,995	12,535
67	67	74 312	32 328,883	402 691,024	12,456	11,996
68	68	72 270	31 052,516	370 362,141	11,927	11,467
69	69	70 194	29 788,122	339 309,624	11,391	10,930
70	70	67 978	28 491,372	309 521,503	10,864	10,403
71	71	65 645	27 174,019	281 030,131	10,342	9,881
72	72	63 186	25 833,304	253 856,112	9,827	9,366
73	73	60 647	24 489,173	228 022,808	9,311	8,851
74	74	58 019	23 138,557	203 533,635	8,796	8,336
75	75	55 263	21 767,415	180 395,078	8,287	7,827
76	76	52 364	20 371,056	158 627,663	7,787	7,327
77	77	49 293	18 939,617	138 256,607	7,300	6,839
78	78	46 104	17 495,565	119 316,990	6,820	6,359
79	79	42 737	16 017,414	101 821,426	6,357	5,897
80	80	39 169	14 499,048	85 804,011	5,918	5,458
81	81	35 458	12 963,323	71 304,963	5,501	5,040
82	82	31 640	11 424,825	58 341,641	5,107	4,646
83	83	27 801	9 914,504	46 916,816	4,732	4,272
84	84	23 966	8 441,197	37 002,312	4,384	3,923
85	85	20 224	7 035,280	28 561,114	4,060	3,599
86	86	16 656	5 722,491	21 525,835	3,762	3,301
87	87	13 353	4 531,321	15 803,343	3,488	3,027
88	88	10 406	3 487,564	11 272,022	3,232	2,772
89	89	7 852	2 599,162	7 784,458	2,995	2,535
90	90	5 716	1 868,585	5 185,296	2,775	2,315
91	91	3 996	1 290,147	3 316,710	2,571	2,110
92	92	2 654	846,247	2 026,563	2,395	1,934
93	93	1 672	526,776	1 180,316	2,241	1,780
94	94	1 000	311,111	653,540	2,101	1,640
95	95	556	170,734	342,428	2,006	1,545
96	96	298	90,424	171,695	1,899	1,438
97	97	150	44,846	81,270	1,812	1,352
98	98	72	21,197	36,425	1,718	1,258
99	99	32	9,293	15,227	1,639	1,178
100	100	13	3,780	5,935	1,570	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	4 792 100,416	48,068	47,608	50	51	93 725	50 362,138	1 110 274,355	22,046	21,585
1	2	99 317	98 090,951	4 692 406,802	47,837	47,377	51	52	93 189	49 455,931	1 059 912,217	21,431	20,971
2	3	99 278	96 842,028	4 594 315,851	47,441	46,981	52	53	92 601	48 537,305	1 010 456,287	20,818	20,358
3	4	99 251	95 620,137	4 497 473,823	47,035	46,574	53	54	91 940	47 595,496	961 918,981	20,210	19,750
4	5	99 229	94 418,896	4 401 853,686	46,620	46,160	54	55	91 206	46 632,730	914 323,485	19,607	19,147
5	6	99 210	93 235,422	4 307 434,790	46,200	45,739	55	56	90 397	45 648,534	867 690,755	19,008	18,548
6	7	99 194	92 069,629	4 214 199,368	45,772	45,311	56	57	89 516	44 645,622	822 042,221	18,413	17,952
7	8	99 179	90 919,054	4 122 129,739	45,338	44,878	57	58	88 550	43 618,424	777 396,599	17,823	17,362
8	9	99 165	89 783,477	4 031 210,685	44,899	44,439	58	59	87 494	42 566,512	733 778,175	17,238	16,778
9	10	99 150	88 662,078	3 941 427,208	44,454	43,994	59	60	86 337	41 484,808	691 211,664	16,662	16,201
10	11	99 136	87 555,255	3 852 765,129	44,004	43,543	60	61	85 077	40 374,795	649 726,855	16,092	15,632
11	12	99 121	86 461,235	3 765 209,875	43,548	43,088	61	62	83 752	39 255,069	609 352,060	15,523	15,062
12	13	99 105	85 379,431	3 678 748,640	43,087	42,627	62	63	82 328	38 111,416	570 096,992	14,959	14,498
13	14	99 088	84 311,528	3 593 369,209	42,620	42,160	63	64	80 794	36 939,606	531 985,576	14,401	13,941
14	15	99 068	83 253,945	3 509 057,681	42,149	41,688	64	65	79 157	35 744,400	495 045,970	13,850	13,389
15	16	99 044	82 205,902	3 425 803,736	41,673	41,213	65	66	77 402	34 520,277	459 301,570	13,305	12,845
16	17	99 015	81 167,357	3 343 597,834	41,194	40,733	66	67	75 547	33 276,929	424 781,293	12,765	12,305
17	18	98 975	80 132,908	3 262 430,478	40,713	40,252	67	68	73 591	32 015,474	391 504,364	12,229	11,768
18	19	98 926	79 104,295	3 182 297,570	40,229	39,769	68	69	71 532	30 735,321	359 488,890	11,696	11,236
19	20	98 869	78 082,674	3 103 193,275	39,742	39,282	69	70	69 410	29 455,323	328 753,568	11,161	10,701
20	21	98 809	77 072,215	3 025 110,601	39,250	38,790	70	71	67 149	28 144,247	299 298,245	10,634	10,174
21	22	98 749	76 073,799	2 948 038,386	38,752	38,292	71	72	64 766	26 810,149	271 153,998	10,114	9,653
22	23	98 687	75 088,019	2 871 964,588	38,248	37,788	72	73	62 276	25 461,064	244 343,850	9,597	9,136
23	24	98 621	74 111,475	2 796 876,568	37,739	37,278	73	74	59 708	24 110,013	218 882,786	9,079	8,618
24	25	98 559	73 150,499	2 722 765,094	37,221	36,761	74	75	57 026	22 742,693	194 772,773	8,564	8,104
25	26	98 493	72 199,017	2 649 614,594	36,699	36,238	75	76	54 209	21 352,364	172 030,080	8,057	7,596
26	27	98 427	71 259,495	2 577 415,577	36,169	35,709	76	77	51 221	19 926,435	150 677,716	7,562	7,101
27	28	98 359	70 331,035	2 506 156,083	35,634	35,173	77	78	48 088	18 476,508	130 751,281	7,077	6,616
28	29	98 282	69 408,780	2 435 825,048	35,094	34,634	78	79	44 809	17 003,935	112 274,773	6,603	6,142
29	30	98 206	68 498,841	2 366 416,267	34,547	34,086	79	80	41 330	15 490,068	95 270,838	6,150	5,690
30	31	98 121	67 594,361	2 297 917,426	33,996	33,535	80	81	37 665	13 942,169	79 780,770	5,722	5,262
31	32	98 033	66 700,105	2 230 323,065	33,438	32,978	81	82	33 896	12 392,125	65 838,601	5,313	4,853
32	33	97 932	65 808,454	2 163 622,961	32,878	32,417	82	83	30 048	10 849,682	53 446,475	4,926	4,466
33	34	97 828	64 927,347	2 097 814,506	32,310	31,850	83	84	26 186	9 338,651	42 596,794	4,561	4,101
34	35	97 720	64 055,179	2 032 887,159	31,736	31,276	84	85	22 355	7 873,772	33 258,143	4,224	3,764
35	36	97 602	63 187,987	1 968 831,980	31,158	30,698	85	86	18 662	6 492,006	25 384,371	3,910	3,450
36	37	97 470	62 323,252	1 905 643,994	30,577	30,116	86	87	15 175	5 213,718	18 892,365	3,624	3,163
37	38	97 339	61 470,910	1 843 320,742	29,987	29,526	87	88	12 002	4 072,797	13 678,647	3,359	2,898
38	39	97 191	60 619,601	1 781 849,832	29,394	28,934	88	89	9 211	3 087,104	9 605,850	3,112	2,651
39	40	97 031	59 772,748	1 721 230,231	28,796	28,336	89	90	6 824	2 258,885	6 518,746	2,886	2,425
40	41	96 859	58 930,360	1 661 457,483	28,194	27,733	90	91	4 870	1 592,152	4 259,861	2,676	2,215
41	42	96 664	58 085,336	1 602 527,123	27,589	27,129	91	92	3 327	1 074,260	2 667,708	2,483	2,023
42	43	96 455	57 244,706	1 544 441,787	26,980	26,519	92	93	2 156	687,526	1 593,448	2,318	1,857
43	44	96 225	56 402,934	1 487 197,080	26,367	25,907	93	94	1 323	416,576	905,922	2,175	1,714
44	45	95 969	55 558,644	1 430 794,146	25,753	25,292	94	95	765	237,947	489,346	2,057	1,596
45	46	95 691	54 713,300	1 375 235,503	25,135	24,675	95	96	417	128,215	251,400	1,961	1,500
46	47	95 374	53 858,886	1 320 522,203	24,518	24,058	96	97	218	66,056	123,184	1,865	1,404
47	48	95 029	53 001,655	1 266 663,317	23,899	23,438	97	98	108	32,421	57,128	1,762	1,302
48	49	94 641	52 133,666	1 213 661,662	23,280	22,819	98	99	50	14,738	24,707	1,676	1,216
49	50	94 207	51 253,640	1 161 527,995	22,662	22,202	99	100	21	6,221	9,969	1,602	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	4 775 328,058	47,911	47,451	50	52	93 518	50 250,899	1 094 835,949	21,787	21,327
1	3	99 305	98 079,271	4 675 657,479	47,672	47,212	51	53	92 960	49 334,502	1 044 585,050	21,174	20,713
2	4	99 266	96 830,491	4 577 578,208	47,274	46,814	52	54	92 348	48 404,646	995 250,548	20,561	20,101
3	5	99 242	95 611,442	4 480 747,718	46,864	46,404	53	55	91 663	47 452,251	946 845,902	19,954	19,493
4	6	99 222	94 411,815	4 385 136,276	46,447	45,987	54	56	90 904	46 478,218	899 393,651	19,351	18,890
5	7	99 204	93 229,285	4 290 724,461	46,023	45,563	55	57	90 070	45 483,337	852 915,433	18,752	18,292
6	8	99 189	92 065,090	4 197 495,176	45,593	45,132	56	58	89 159	44 467,384	807 432,096	18,158	17,697
7	9	99 173	90 913,426	4 105 430,086	45,158	44,697	57	59	88 159	43 426,042	762 964,712	17,569	17,109
8	10	99 158	89 777,668	4 014 516,660	44,716	44,256	58	60	87 072	42 360,915	719 538,670	16,986	16,526
9	11	99 144	88 656,825	3 924 738,993	44,269	43,808	59	61	85 871	41 261,163	677 177,754	16,412	15,952
10	12	99 129	87 548,733	3 836 082,168	43,817	43,356	60	62	84 601	40 148,893	635 916,591	15,839	15,379
11	13	99 113	86 454,394	3 748 533,435	43,359	42,898	61	63	83 243	39 016,530	595 767,698	15,270	14,809
12	14	99 096	85 372,112	3 662 079,041	42,895	42,435	62	64	81 786	37 860,475	556 751,168	14,705	14,245
13	15	99 078	84 302,681	3 576 706,928	42,427	41,967	63	65	80 205	36 670,414	518 890,693	14,150	13,690
14	16	99 056	83 243,530	3 492 404,247	41,954	41,494	64	66	78 523	35 458,010	482 220,279	13,600	13,139
15	17	99 030	82 194,302	3 409 160,718	41,477	41,016	65	67	76 726	34 218,728	446 762,269	13,056	12,596
16	18	99 001	81 155,472	3 326 966,415	40,995	40,535	66	68	74 814	32 954,329	412 543,542	12,519	12,058
17	19	98 955	80 116,590	3 245 810,943	40,514	40,053	67	69	72 840	31 688,443	379 589,212	11,979	11,518
18	20	98 907	79 089,026	3 165 694,354	40,027	39,567	68	70	70 733	30 391,941	347 900,770	11,447	10,987
19	21	98 851	78 068,215	3 086 605,328	39,537	39,077	69	71	68 564	29 096,454	317 508,829	10,912	10,452
20	22	98 793	77 059,455	3 008 537,112	39,042	38,581	70	72	66 250	27 767,385	288 412,375	10,387	9,926
21	23	98 731	76 060,634	2 931 477,657	38,541	38,081	71	73	63 833	26 423,833	260 644,990	9,864	9,404
22	24	98 666	75 071,727	2 855 417,023	38,036	37,575	72	74	61 312	25 066,856	234 221,158	9,344	8,883
23	25	98 605	74 098,907	2 780 345,297	37,522	37,062	73	75	58 687	23 697,529	209 154,302	8,826	8,366
24	26	98 541	73 136,859	2 706 246,389	37,002	36,542	74	76	55 939	22 309,046	185 456,773	8,313	7,853
25	27	98 474	72 184,969	2 633 109,530	36,477	36,017	75	77	53 026	20 886,325	163 147,726	7,811	7,351
26	28	98 405	71 243,930	2 560 924,561	35,946	35,485	76	78	49 969	19 439,197	142 261,401	7,318	6,858
27	29	98 334	70 313,495	2 489 680,631	35,408	34,948	77	79	46 737	17 957,313	122 822,204	6,840	6,379
28	30	98 257	69 390,819	2 419 367,137	34,866	34,405	78	80	43 333	16 444,110	104 864,891	6,377	5,917
29	31	98 177	68 478,501	2 349 976,318	34,317	33,857	79	81	39 742	14 895,126	88 420,782	5,936	5,476
30	32	98 090	67 572,786	2 281 497,816	33,764	33,303	80	82	36 005	13 327,841	73 525,656	5,517	5,056
31	33	97 999	66 676,956	2 213 925,031	33,204	32,743	81	83	32 189	11 768,287	60 197,814	5,115	4,655
32	34	97 897	65 785,023	2 147 248,074	32,640	32,180	82	84	28 302	10 219,511	48 429,528	4,739	4,279
33	35	97 790	64 901,953	2 081 463,051	32,071	31,610	83	85	24 426	8 710,898	38 210,016	4,386	3,926
34	36	97 681	64 029,398	2 016 561,098	31,494	31,034	84	86	20 628	7 265,749	29 499,119	4,060	3,600
35	37	97 557	63 158,361	1 952 531,700	30,915	30,454	85	87	17 003	5 914,817	22 233,370	3,759	3,299
36	38	97 425	62 294,569	1 889 373,339	30,330	29,869	86	88	13 639	4 686,142	16 318,553	3,482	3,022
37	39	97 282	61 434,909	1 827 078,770	29,740	29,280	87	89	10 624	3 605,137	11 632,411	3,227	2,766
38	40	97 133	60 583,490	1 765 643,861	29,144	28,684	88	90	8 005	2 682,946	8 027,273	2,992	2,532
39	41	96 965	59 732,180	1 705 060,371	28,545	28,085	89	91	5 815	1 924,712	5 344,327	2,777	2,316
40	42	96 785	58 885,404	1 645 328,191	27,941	27,481	90	92	4 055	1 325,730	3 419,615	2,579	2,119
41	43	96 583	58 037,136	1 586 442,786	27,335	26,875	91	93	2 703	872,774	2 093,885	2,399	1,939
42	44	96 369	57 193,190	1 528 405,650	26,724	26,263	92	94	1 705	543,697	1 221,111	2,246	1,786
43	45	96 127	56 345,401	1 471 212,460	26,111	25,650	93	95	1 012	318,608	677,414	2,126	1,666
44	46	95 863	55 496,865	1 414 867,059	25,495	25,034	94	96	574	178,690	358,806	2,008	1,548
45	47	95 569	54 643,829	1 359 370,195	24,877	24,417	95	97	305	93,663	180,116	1,923	1,463
46	48	95 237	53 781,677	1 304 726,366	24,260	23,799	96	98	157	47,755	86,453	1,810	1,350
47	49	94 877	52 916,875	1 250 944,689	23,640	23,179	97	99	75	22,541	38,698	1,717	1,256
48	50	94 470	52 039,229	1 198 027,814	23,022	22,561	98	100	33	9,867	16,156	1,638	1,177
49	51	94 021	51 152,636	1 145 988,585	22,403	21,943							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	4 757 406,319	47,737	47,277
1	4	99 293	98 067,586	4 657 747,609	47,495	47,035
2	5	99 257	96 821,686	4 559 680,023	47,094	46,633
3	6	99 234	95 604,271	4 462 858,337	46,681	46,220
4	7	99 215	94 405,600	4 367 254,066	46,261	45,800
5	8	99 199	93 224,689	4 272 848,465	45,834	45,373
6	9	99 183	92 059,390	4 179 623,776	45,401	44,941
7	10	99 167	90 907,543	4 087 564,386	44,964	44,504
8	11	99 152	89 772,348	3 996 656,843	44,520	44,060
9	12	99 137	88 650,221	3 906 884,495	44,071	43,610
10	13	99 121	87 541,807	3 818 234,274	43,616	43,156
11	14	99 105	86 446,983	3 730 692,467	43,156	42,695
12	15	99 086	85 363,154	3 644 245,484	42,691	42,231
13	16	99 066	84 292,135	3 558 882,330	42,221	41,760
14	17	99 042	83 231,784	3 474 590,196	41,746	41,286
15	18	99 016	82 182,268	3 391 358,412	41,266	40,806
16	19	98 981	81 138,946	3 309 176,144	40,784	40,324
17	20	98 936	80 101,125	3 228 037,199	40,300	39,839
18	21	98 889	79 074,381	3 147 936,074	39,810	39,349
19	22	98 834	78 055,291	3 068 861,693	39,317	38,856
20	23	98 776	77 046,120	2 990 806,402	38,818	38,358
21	24	98 710	76 044,130	2 913 760,282	38,317	37,856
22	25	98 649	75 058,997	2 837 716,152	37,806	37,346
23	26	98 586	74 085,091	2 762 657,155	37,290	36,830
24	27	98 522	73 122,629	2 688 572,064	36,768	36,308
25	28	98 453	72 169,202	2 615 449,435	36,241	35,780
26	29	98 381	71 226,162	2 543 280,233	35,707	35,247
27	30	98 309	70 295,299	2 472 054,072	35,167	34,706
28	31	98 228	69 370,214	2 401 758,773	34,622	34,162
29	32	98 146	68 456,643	2 332 388,558	34,071	33,611
30	33	98 056	67 549,335	2 263 931,915	33,515	33,055
31	34	97 964	66 653,216	2 196 382,580	32,952	32,492
32	35	97 858	65 759,294	2 129 729,364	32,387	31,926
33	36	97 750	64 875,831	2 063 970,070	31,814	31,354
34	37	97 635	63 999,378	1 999 094,239	31,236	30,776
35	38	97 512	63 129,294	1 935 094,861	30,653	30,192
36	39	97 368	62 258,086	1 871 965,567	30,068	29,607
37	40	97 224	61 398,312	1 809 707,482	29,475	29,014
38	41	97 067	60 542,372	1 748 309,169	28,877	28,417
39	42	96 891	59 686,613	1 687 766,798	28,277	27,817
40	43	96 705	58 836,541	1 628 080,185	27,671	27,211
41	44	96 496	57 984,907	1 569 243,644	27,063	26,603
42	45	96 270	57 134,851	1 511 258,737	26,451	25,990
43	46	96 020	56 282,747	1 454 123,886	25,836	25,376
44	47	95 741	55 426,399	1 397 841,139	25,220	24,759
45	48	95 432	54 565,495	1 342 414,741	24,602	24,142
46	49	95 085	53 695,649	1 287 849,246	23,984	23,524
47	50	94 705	52 821,018	1 234 153,597	23,365	22,904
48	51	94 283	51 936,677	1 181 332,578	22,746	22,285
49	52	93 813	51 039,651	1 129 395,901	22,128	21,667
50	53	93 288	50 127,518	1 078 356,250	21,512	21,052
51	54	92 706	49 199,663	1 028 228,732	20,899	20,439
52	55	92 070	48 258,966	979 029,069	20,287	19,827
53	56	91 359	47 295,023	930 770,103	19,680	19,220
54	57	90 575	46 310,018	883 475,080	19,077	18,617
55	58	89 710	45 301,755	837 165,061	18,480	18,019
56	59	88 765	44 271,258	791 863,306	17,887	17,426
57	60	87 733	43 216,294	747 592,048	17,299	16,838
58	61	86 602	42 132,547	704 375,754	16,718	16,258
59	62	85 391	41 030,302	662 243,207	16,140	15,680
60	63	84 087	39 904,923	621 212,905	15,567	15,107
61	64	82 694	38 759,629	581 307,981	14,998	14,537
62	65	81 190	37 584,572	542 548,352	14,435	13,975
63	66	79 563	36 376,605	504 963,780	13,882	13,421
64	67	77 837	35 148,269	468 587,176	13,332	12,871
65	68	75 982	33 886,998	433 438,906	12,791	12,330
66	69	74 050	32 617,708	399 551,909	12,250	11,789
67	70	72 026	31 334,414	366 934,201	11,710	11,250
68	71	69 871	30 021,660	335 599,787	11,179	10,718
69	72	67 646	28 706,841	305 578,128	10,645	10,184
70	73	65 296	27 367,276	276 871,286	10,117	9,656
71	74	62 844	26 014,719	249 504,011	9,591	9,130
72	75	60 263	24 638,002	223 489,292	9,071	8,611
73	76	57 568	23 245,676	198 851,290	8,554	8,094
74	77	54 718	21 822,127	175 605,614	8,047	7,587
75	78	51 729	20 375,615	153 783,487	7,547	7,087
76	79	48 565	18 892,950	133 407,871	7,061	6,601
77	80	45 198	17 366,099	114 514,921	6,594	6,134
78	81	41 669	15 812,525	97 148,822	6,144	5,683
79	82	37 991	14 238,808	81 336,297	5,712	5,252
80	83	34 192	12 656,897	67 097,488	5,301	4,841
81	84	30 320	11 084,762	54 440,591	4,911	4,451
82	85	26 400	9 532,546	43 355,829	4,548	4,088
83	86	22 540	8 038,231	33 823,283	4,208	3,747
84	87	18 794	6 619,768	25 785,052	3,895	3,435
85	88	15 282	5 316,297	19 165,284	3,605	3,145
86	89	12 073	4 148,055	13 848,988	3,339	2,878
87	90	9 233	3 133,160	9 700,933	3,096	2,636
88	91	6 821	2 286,040	6 567,773	2,873	2,413
89	92	4 842	1 602,641	4 281,734	2,672	2,211
90	93	3 295	1 077,078	2 679,093	2,487	2,027
91	94	2 138	690,191	1 602,015	2,321	1,861
92	95	1 304	415,834	911,824	2,193	1,732
93	96	760	239,264	495,990	2,073	1,613
94	97	420	130,536	256,725	1,967	1,506
95	98	220	67,713	126,190	1,864	1,403
96	99	109	33,203	58,477	1,761	1,301
97	100	50	15,091	25,274	1,675	1,214

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	4 738 297,019	47,551	47,091
1	5	99 284	98 058,668	4 638 650,182	47,305	46,844
2	6	99 250	96 814,425	4 540 591,514	46,900	46,440
3	7	99 228	95 597,978	4 443 777,089	46,484	46,024
4	8	99 210	94 400,946	4 348 179,111	46,061	45,600
5	9	99 193	93 218,917	4 253 778,164	45,632	45,172
6	10	99 177	92 053,433	4 160 559,247	45,197	44,737
7	11	99 161	90 902,156	4 068 505,814	44,757	44,297
8	12	99 145	89 765,661	3 977 603,658	44,311	43,851
9	13	99 129	88 643,208	3 887 837,996	43,859	43,399
10	14	99 113	87 534,303	3 799 194,789	43,402	42,942
11	15	99 095	86 437,912	3 711 660,486	42,940	42,480
12	16	99 073	85 352,474	3 625 222,574	42,474	42,013
13	17	99 052	84 280,241	3 539 870,099	42,001	41,541
14	18	99 028	83 219,597	3 455 589,859	41,524	41,063
15	19	98 995	82 165,532	3 372 370,261	41,044	40,583
16	20	98 961	81 123,284	3 290 204,729	40,558	40,098
17	21	98 918	80 086,293	3 209 081,446	40,070	39,610
18	22	98 872	79 061,290	3 128 995,153	39,577	39,116
19	23	98 817	78 041,783	3 049 933,863	39,081	38,620
20	24	98 755	77 029,402	2 971 892,079	38,581	38,121
21	25	98 693	76 031,235	2 894 862,677	38,075	37,614
22	26	98 631	75 045,001	2 818 831,442	37,562	37,101
23	27	98 567	74 070,676	2 743 786,441	37,043	36,582
24	28	98 500	73 106,657	2 669 715,765	36,518	36,058
25	29	98 428	72 151,203	2 596 609,108	35,988	35,528
26	30	98 355	71 207,730	2 524 457,905	35,452	34,992
27	31	98 280	70 274,426	2 453 250,175	34,910	34,449
28	32	98 196	69 348,072	2 382 975,749	34,363	33,902
29	33	98 112	68 432,886	2 313 627,677	33,809	33,348
30	34	98 021	67 525,284	2 245 194,792	33,250	32,789
31	35	97 926	66 627,147	2 177 669,508	32,684	32,224
32	36	97 819	65 732,827	2 111 042,361	32,115	31,655
33	37	97 705	64 845,414	2 045 309,534	31,541	31,081
34	38	97 590	63 969,924	1 980 464,119	30,959	30,499
35	39	97 455	63 092,322	1 916 494,196	30,376	29,916
36	40	97 310	62 220,998	1 853 401,874	29,787	29,327
37	41	97 158	61 356,641	1 791 180,876	29,193	28,733
38	42	96 993	60 496,186	1 729 824,234	28,594	28,134
39	43	96 811	59 637,085	1 669 328,048	27,991	27,531
40	44	96 618	58 783,592	1 609 690,963	27,383	26,923
41	45	96 398	57 925,760	1 550 907,372	26,774	26,314
42	46	96 163	57 071,319	1 492 981,612	26,160	25,700
43	47	95 898	56 211,283	1 435 910,293	25,545	25,084
44	48	95 604	55 346,943	1 379 699,010	24,928	24,468
45	49	95 279	54 478,213	1 324 352,067	24,310	23,849
46	50	94 912	53 598,382	1 269 873,854	23,692	23,232
47	51	94 518	52 716,926	1 216 275,472	23,072	22,611
48	52	94 075	51 821,960	1 163 558,546	22,453	21,993
49	53	93 583	50 914,334	1 111 736,585	21,835	21,375
50	54	93 033	49 990,513	1 060 822,252	21,220	20,760
51	55	92 427	49 051,590	1 010 831,739	20,608	20,147
52	56	91 765	48 099,065	961 780,149	19,996	19,535
53	57	91 029	47 123,868	913 681,084	19,389	18,929
54	58	90 213	46 125,136	866 557,216	18,787	18,327
55	59	89 315	45 101,949	820 432,080	18,191	17,730
56	60	88 337	44 057,428	775 330,131	17,598	17,138
57	61	87 260	42 983,314	731 272,703	17,013	16,553
58	62	86 118	41 896,811	688 289,389	16,428	15,968
59	63	84 872	40 780,976	646 392,578	15,850	15,390
60	64	83 533	39 642,173	605 611,602	15,277	14,817
61	65	82 092	38 477,174	565 969,429	14,709	14,249
62	66	80 539	37 283,438	527 492,256	14,148	13,688
63	67	78 868	36 058,840	490 208,817	13,595	13,134
64	68	77 082	34 807,528	454 149,977	13,047	12,587
65	69	75 206	33 540,849	419 342,450	12,502	12,042
66	70	73 223	32 253,297	385 801,600	11,962	11,501
67	71	71 148	30 952,650	353 548,304	11,422	10,962
68	72	68 935	29 619,659	322 595,654	10,891	10,431
69	73	66 671	28 293,195	292 975,995	10,355	9,895
70	74	64 285	26 943,555	264 682,800	9,824	9,363
71	75	61 769	25 569,648	237 739,245	9,298	8,837
72	76	59 114	24 168,216	212 169,597	8,779	8,318
73	77	56 311	22 738,314	188 001,381	8,268	7,808
74	78	53 380	21 288,535	165 263,067	7,763	7,303
75	79	50 276	19 803,056	143 974,532	7,270	6,810
76	80	46 966	18 270,932	124 171,476	6,796	6,336
77	81	43 462	16 699,103	105 900,544	6,342	5,881
78	82	39 833	15 115,784	89 201,441	5,901	5,441
79	83	36 079	13 522,005	74 085,657	5,479	5,019
80	84	32 206	11 921,760	60 563,652	5,080	4,620
81	85	28 282	10 339,634	48 641,892	4,704	4,244
82	86	24 361	8 796,430	38 302,258	4,354	3,894
83	87	20 536	7 323,570	29 505,828	4,029	3,568
84	88	16 892	5 949,914	22 182,257	3,728	3,268
85	89	13 527	4 705,852	16 232,344	3,449	2,989
86	90	10 492	3 605,000	11 526,491	3,197	2,737
87	91	7 867	2 669,650	7 921,492	2,967	2,507
88	92	5 680	1 903,505	5 251,842	2,759	2,299
89	93	3 934	1 302,052	3 348,337	2,572	2,111
90	94	2 605	851,755	2 046,285	2,402	1,942
91	95	1 635	527,877	1 194,530	2,263	1,803
92	96	979	312,278	666,653	2,135	1,674
93	97	555	174,786	354,375	2,027	1,567
94	98	303	94,370	179,589	1,903	1,443
95	99	153	47,079	85,219	1,810	1,350
96	100	73	22,228	38,140	1,716	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	4 717 979,589	47,351	46,891
1	6	99 277	98 051,315	4 618 341,813	47,101	46,641
2	7	99 243	96 808,052	4 520 290,499	46,693	46,233
3	8	99 223	95 593,266	4 423 482,447	46,274	45,814
4	9	99 204	94 395,102	4 327 889,181	45,849	45,388
5	10	99 186	93 212,885	4 233 494,079	45,417	44,957
6	11	99 171	92 047,979	4 140 281,194	44,980	44,519
7	12	99 153	90 895,385	4 048 233,215	44,537	44,077
8	13	99 137	89 758,560	3 957 337,830	44,089	43,628
9	14	99 121	88 635,609	3 867 579,270	43,635	43,174
10	15	99 102	87 525,117	3 778 943,661	43,176	42,715
11	16	99 082	86 427,098	3 691 418,544	42,711	42,251
12	17	99 059	85 340,431	3 604 991,445	42,242	41,782
13	18	99 037	84 267,901	3 519 651,014	41,767	41,307
14	19	99 007	83 202,650	3 435 383,113	41,289	40,829
15	20	98 976	82 149,672	3 352 180,463	40,806	40,345
16	21	98 943	81 108,262	3 270 030,791	40,317	39,856
17	22	98 901	80 073,034	3 188 922,529	39,825	39,365
18	23	98 855	79 047,608	3 108 849,495	39,329	38,868
19	24	98 796	78 024,850	3 029 801,886	38,831	38,371
20	25	98 738	77 016,340	2 951 777,037	38,327	37,866
21	26	98 675	76 017,059	2 874 760,697	37,817	37,357
22	27	98 612	75 030,399	2 798 743,638	37,301	36,841
23	28	98 546	74 054,497	2 723 713,239	36,780	36,319
24	29	98 476	73 088,425	2 649 658,742	36,253	35,792
25	30	98 403	72 132,532	2 576 570,317	35,720	35,260
26	31	98 326	71 186,586	2 504 437,785	35,181	34,721
27	32	98 248	70 251,995	2 433 251,199	34,636	34,176
28	33	98 162	69 324,005	2 362 999,205	34,086	33,626
29	34	98 077	68 408,520	2 293 675,200	33,529	33,069
30	35	97 982	67 498,874	2 225 266,680	32,967	32,507
31	36	97 886	66 600,331	2 157 767,806	32,399	31,938
32	37	97 773	65 702,008	2 091 167,475	31,828	31,368
33	38	97 660	64 815,571	2 025 465,467	31,250	30,789
34	39	97 533	63 932,459	1 960 649,896	30,668	30,207
35	40	97 397	63 054,738	1 896 717,437	30,080	29,620
36	41	97 244	62 178,769	1 833 662,700	29,490	29,030
37	42	97 084	61 309,835	1 771 483,931	28,894	28,434
38	43	96 912	60 445,986	1 710 174,096	28,293	27,832
39	44	96 723	59 583,415	1 649 728,110	27,688	27,227
40	45	96 519	58 723,630	1 590 144,695	27,078	26,618
41	46	96 291	57 861,349	1 531 421,064	26,467	26,007
42	47	96 041	56 998,854	1 473 559,715	25,852	25,392
43	48	95 761	56 130,702	1 416 560,862	25,237	24,776
44	49	95 451	55 258,411	1 360 430,160	24,619	24,159
45	50	95 107	54 379,529	1 305 171,749	24,001	23,541
46	51	94 725	53 492,758	1 250 792,220	23,382	22,922
47	52	94 310	52 600,486	1 197 299,462	22,762	22,302
48	53	93 844	51 694,722	1 144 698,977	22,143	21,683
49	54	93 327	50 775,178	1 093 004,255	21,526	21,066
50	55	92 753	49 840,059	1 042 229,077	20,911	20,451
51	56	92 121	48 889,063	992 389,018	20,299	19,838
52	57	91 433	47 925,000	943 499,955	19,687	19,227
53	58	90 665	46 935,736	895 574,955	19,081	18,620
54	59	89 815	45 921,699	848 639,219	18,480	18,020
55	60	88 883	44 884,107	802 717,520	17,884	17,424
56	61	87 860	43 819,913	757 833,414	17,294	16,834
57	62	86 772	42 742,818	714 013,500	16,705	16,244
58	63	85 594	41 642,219	671 270,682	16,120	15,660
59	64	84 313	40 512,457	629 628,463	15,542	15,081
60	65	82 925	39 353,286	589 116,006	14,970	14,510
61	66	81 434	38 168,888	549 762,719	14,403	13,943
62	67	79 836	36 957,752	511 593,831	13,843	13,382
63	68	78 103	35 709,271	474 636,079	13,292	12,831
64	69	76 295	34 451,976	438 926,808	12,740	12,280
65	70	74 366	33 166,124	404 474,832	12,195	11,735
66	71	72 331	31 860,338	371 308,708	11,654	11,194
67	72	70 196	30 538,183	339 448,370	11,116	10,655
68	73	67 942	29 192,859	308 910,187	10,582	10,121
69	74	65 639	27 855,139	279 717,328	10,042	9,581
70	75	63 185	26 482,593	251 862,189	9,510	9,050
71	76	60 591	25 082,098	225 379,596	8,986	8,525
72	77	57 823	23 640,719	200 297,498	8,473	8,012
73	78	54 934	22 182,319	176 656,779	7,964	7,503
74	79	51 880	20 690,322	154 474,460	7,466	7,006
75	80	48 621	19 151,074	133 784,137	6,986	6,525
76	81	45 162	17 569,183	114 633,064	6,525	6,064
77	82	41 547	15 963,297	97 063,881	6,080	5,620
78	83	37 828	14 354,832	81 100,583	5,650	5,189
79	84	33 983	12 736,621	66 745,751	5,240	4,780
80	85	30 042	11 120,368	54 009,130	4,857	4,396
81	86	26 098	9 541,194	42 888,762	4,495	4,035
82	87	22 195	8 014,360	33 347,568	4,161	3,701
83	88	18 458	6 582,498	25 333,208	3,849	3,388
84	89	14 953	5 266,714	18 750,710	3,560	3,100
85	90	11 756	4 089,771	13 483,996	3,297	2,837
86	91	8 940	3 071,687	9 394,225	3,058	2,598
87	92	6 551	2 222,924	6 322,538	2,844	2,384
88	93	4 614	1 546,487	4 099,614	2,651	2,191
89	94	3 111	1 029,665	2 553,127	2,480	2,019
90	95	1 993	651,446	1 523,462	2,339	1,878
91	96	1 228	396,418	872,017	2,200	1,739
92	97	715	228,123	475,599	2,085	1,624
93	98	401	126,361	247,476	1,958	1,498
94	99	211	65,613	121,115	1,846	1,386
95	100	103	31,518	55,502	1,761	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	4 696 437,044	47,139	46,678
1	7	99 270	98 044,860	4 596 806,740	46,885	46,424
2	8	99 238	96 803,280	4 498 761,880	46,473	46,013
3	9	99 217	95 587,347	4 401 958,601	46,052	45,591
4	10	99 198	94 388,994	4 306 371,253	45,624	45,163
5	11	99 180	93 207,362	4 211 982,259	45,189	44,729
6	12	99 164	92 041,123	4 118 774,897	44,749	44,289
7	13	99 145	90 888,194	4 026 733,774	44,304	43,844
8	14	99 129	89 750,866	3 935 845,580	43,853	43,393
9	15	99 110	88 626,308	3 846 094,715	43,397	42,936
10	16	99 090	87 514,168	3 757 468,407	42,936	42,475
11	17	99 068	86 414,903	3 669 954,239	42,469	42,009
12	18	99 045	85 327,936	3 583 539,335	41,997	41,537
13	19	99 017	84 250,740	3 498 211,400	41,521	41,061
14	20	98 988	83 186,590	3 413 960,660	41,040	40,579
15	21	98 958	82 134,460	3 330 774,070	40,553	40,092
16	22	98 927	81 094,834	3 248 639,609	40,060	39,599
17	23	98 884	80 059,178	3 167 544,775	39,565	39,105
18	24	98 834	79 030,456	3 087 485,597	39,067	38,607
19	25	98 779	78 011,619	3 008 455,141	38,564	38,104
20	26	98 719	77 001,980	2 930 443,522	38,057	37,596
21	27	98 656	76 002,268	2 853 441,542	37,544	37,084
22	28	98 590	75 014,011	2 777 439,274	37,026	36,565
23	29	98 521	74 036,028	2 702 425,264	36,501	36,041
24	30	98 450	73 069,511	2 628 389,236	35,971	35,511
25	31	98 373	72 111,113	2 555 319,725	35,436	34,975
26	32	98 295	71 163,863	2 483 208,612	34,894	34,434
27	33	98 214	70 227,614	2 412 044,748	34,346	33,886
28	34	98 127	69 299,322	2 341 817,135	33,793	33,332
29	35	98 038	68 381,765	2 272 517,812	33,233	32,772
30	36	97 943	67 471,707	2 204 136,048	32,668	32,207
31	37	97 841	66 569,106	2 136 664,341	32,097	31,637
32	38	97 728	65 671,770	2 070 095,235	31,522	31,061
33	39	97 603	64 777,611	2 004 423,465	30,943	30,483
34	40	97 475	63 894,374	1 939 645,854	30,357	29,897
35	41	97 331	63 011,942	1 875 751,480	29,768	29,308
36	42	97 170	62 131,335	1 812 739,537	29,176	28,716
37	43	97 003	61 258,959	1 750 608,202	28,577	28,117
38	44	96 825	60 391,589	1 689 349,243	27,973	27,513
39	45	96 625	59 522,638	1 628 957,654	27,367	26,907
40	46	96 412	58 658,332	1 569 435,016	26,756	26,295
41	47	96 169	57 787,881	1 510 776,684	26,143	25,683
42	48	95 903	56 917,144	1 452 988,804	25,528	25,068
43	49	95 607	56 040,916	1 396 071,660	24,912	24,451
44	50	95 278	55 158,313	1 340 030,744	24,294	23,834
45	51	94 919	54 272,365	1 284 872,430	23,675	23,214
46	52	94 516	53 374,604	1 230 600,066	23,056	22,596
47	53	94 078	52 471,336	1 177 225,462	22,436	21,975
48	54	93 588	51 553,433	1 124 754,126	21,817	21,357
49	55	93 046	50 622,363	1 073 200,693	21,200	20,740
50	56	92 446	49 674,920	1 022 578,330	20,585	20,125
51	57	91 788	48 712,139	972 903,410	19,973	19,512
52	58	91 068	47 733,670	924 191,271	19,361	18,901
53	59	90 265	46 728,723	876 457,601	18,756	18,296
54	60	89 381	45 699,896	829 728,878	18,156	17,696
55	61	88 404	44 642,135	784 028,981	17,563	17,102
56	62	87 369	43 574,736	739 386,846	16,968	16,508
57	63	86 245	42 483,086	695 812,110	16,379	15,918
58	64	85 031	41 368,029	653 329,024	15,793	15,333
59	65	83 699	40 217,229	611 960,995	15,216	14,756
60	66	82 260	39 037,981	571 743,766	14,646	14,185
61	67	80 723	37 835,467	532 705,784	14,080	13,619
62	68	79 062	36 599,469	494 870,317	13,521	13,061
63	69	77 305	35 344,508	458 270,849	12,966	12,505
64	70	75 443	34 067,072	422 926,340	12,415	11,954
65	71	73 460	32 762,044	388 859,268	11,869	11,409
66	72	71 362	31 433,716	356 097,224	11,329	10,868
67	73	69 184	30 098,148	324 663,508	10,787	10,326
68	74	66 890	28 740,873	294 565,360	10,249	9,789
69	75	64 516	27 378,581	265 824,486	9,709	9,249
70	76	61 980	25 977,636	238 445,905	9,179	8,719
71	77	59 269	24 534,654	212 468,269	8,660	8,200
72	78	56 409	23 062,659	187 933,615	8,149	7,688
73	79	53 391	21 558,991	164 870,956	7,647	7,187
74	80	50 172	20 009,128	143 311,965	7,162	6,702
75	81	46 753	18 415,520	123 302,837	6,696	6,235
76	82	43 172	16 795,039	104 887,317	6,245	5,785
77	83	39 455	15 159,680	88 092,278	5,811	5,351
78	84	35 631	13 521,076	72 932,597	5,394	4,934
79	85	31 699	11 880,453	59 411,521	5,001	4,540
80	86	27 722	10 261,639	47 531,068	4,632	4,172
81	87	23 777	8 692,908	37 269,429	4,287	3,827
82	88	19 949	7 203,387	28 576,521	3,967	3,507
83	89	16 338	5 826,662	21 373,134	3,668	3,208
84	90	12 995	4 577,206	15 546,472	3,396	2,936
85	91	10 017	3 484,743	10 969,266	3,148	2,687
86	92	7 444	2 557,686	7 484,523	2,926	2,466
87	93	5 322	1 805,996	4 926,837	2,728	2,268
88	94	3 649	1 222,964	3 120,841	2,552	2,091
89	95	2 379	787,516	1 897,877	2,410	1,950
90	96	1 496	489,214	1 110,361	2,270	1,809
91	97	897	289,589	621,147	2,145	1,685
92	98	517	164,921	331,558	2,010	1,550
93	99	279	87,855	166,637	1,897	1,436
94	100	141	43,926	78,783	1,794	1,333

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	4 673 659,852	46,913	46,453
1	8	99 266	98 040,027	4 574 036,106	46,655	46,194
2	9	99 232	96 797,286	4 475 996,079	46,241	45,781
3	10	99 210	95 581,162	4 379 198,792	45,817	45,356
4	11	99 192	94 383,401	4 283 617,630	45,385	44,925
5	12	99 173	93 200,420	4 189 234,229	44,949	44,488
6	13	99 156	92 033,841	4 096 033,810	44,506	44,045
7	14	99 137	90 880,403	4 003 999,969	44,058	43,598
8	15	99 118	89 741,447	3 913 119,565	43,604	43,144
9	16	99 098	88 615,221	3 823 378,118	43,146	42,685
10	17	99 076	87 501,819	3 734 762,897	42,682	42,222
11	18	99 054	86 402,251	3 647 261,078	42,213	41,752
12	19	99 025	85 310,559	3 560 858,827	41,740	41,280
13	20	98 998	84 234,478	3 475 548,268	41,260	40,800
14	21	98 970	83 171,186	3 391 313,790	40,775	40,315
15	22	98 942	82 120,863	3 308 142,604	40,284	39,823
16	23	98 910	81 080,801	3 226 021,741	39,788	39,327
17	24	98 863	80 041,806	3 144 940,940	39,291	38,831
18	25	98 817	79 017,055	3 064 899,134	38,788	38,327
19	26	98 761	77 997,073	2 985 882,079	38,282	37,822
20	27	98 700	76 986,997	2 907 885,006	37,771	37,311
21	28	98 634	75 985,667	2 830 898,009	37,256	36,795
22	29	98 565	74 995,302	2 754 912,342	36,734	36,274
23	30	98 496	74 016,869	2 679 917,040	36,207	35,746
24	31	98 421	73 047,814	2 605 900,171	35,674	35,214
25	32	98 342	72 088,096	2 532 852,357	35,136	34,675
26	33	98 261	71 139,166	2 460 764,261	34,591	34,130
27	34	98 179	70 202,609	2 389 625,094	34,039	33,579
28	35	98 089	69 272,218	2 319 422,485	33,483	33,022
29	36	97 999	68 354,242	2 250 150,267	32,919	32,459
30	37	97 897	67 440,073	2 181 796,025	32,352	31,891
31	38	97 795	66 538,469	2 114 355,952	31,776	31,316
32	39	97 671	65 633,309	2 047 817,483	31,201	30,740
33	40	97 544	64 739,023	1 982 184,174	30,618	30,158
34	41	97 409	63 851,009	1 917 445,151	30,030	29,570
35	42	97 256	62 963,873	1 853 594,142	29,439	28,979
36	43	97 089	62 079,778	1 790 630,269	28,844	28,384
37	44	96 916	61 203,830	1 728 550,491	28,243	27,782
38	45	96 726	60 329,987	1 667 346,660	27,637	27,177
39	46	96 517	59 456,451	1 607 016,674	27,028	26,568
40	47	96 290	58 583,852	1 547 560,222	26,416	25,956
41	48	96 031	57 705,039	1 488 976,371	25,803	25,343
42	49	95 750	56 826,100	1 431 271,331	25,187	24,726
43	50	95 434	55 939,401	1 374 445,231	24,570	24,110
44	51	95 090	55 049,615	1 318 505,830	23,951	23,491
45	52	94 710	54 152,489	1 263 456,215	23,331	22,871
46	53	94 284	53 243,553	1 209 303,726	22,713	22,252
47	54	93 821	52 327,924	1 156 060,173	22,093	21,632
48	55	93 306	51 398,276	1 103 732,249	21,474	21,014
49	56	92 738	50 454,631	1 052 333,973	20,857	20,397
50	57	92 112	49 495,152	1 001 879,342	20,242	19,782
51	58	91 421	48 517,667	952 384,190	19,630	19,169
52	59	90 666	47 523,138	903 866,523	19,020	18,559
53	60	89 829	46 503,023	856 343,385	18,415	17,954
54	61	88 899	45 453,527	809 840,362	17,817	17,356
55	62	87 909	44 392,358	764 386,834	17,219	16,758
56	63	86 838	43 309,949	719 994,476	16,624	16,164
57	64	85 677	42 203,359	676 684,528	16,034	15,574
58	65	84 411	41 066,566	634 481,168	15,450	14,990
59	66	83 028	39 895,002	593 414,602	14,874	14,414
60	67	81 542	38 696,968	553 519,601	14,304	13,844
61	68	79 940	37 468,675	514 822,632	13,740	13,280
62	69	78 254	36 225,613	477 353,957	13,177	12,717
63	70	76 442	34 949,633	441 128,345	12,622	12,161
64	71	74 523	33 652,015	406 178,712	12,070	11,610
65	72	72 476	32 323,348	372 526,697	11,525	11,065
66	73	70 334	30 980,778	340 203,349	10,981	10,521
67	74	68 113	29 632,146	309 222,571	10,435	9,975
68	75	65 746	28 249,163	279 590,425	9,897	9,437
69	76	63 286	26 856,540	251 341,262	9,359	8,898
70	77	60 627	25 410,646	224 484,723	8,834	8,374
71	78	57 820	23 934,736	199 074,077	8,317	7,857
72	79	54 824	22 414,592	175 139,341	7,814	7,353
73	80	51 633	20 849,198	152 724,749	7,325	6,865
74	81	48 245	19 240,618	131 875,551	6,854	6,394
75	82	44 693	17 604,085	112 634,932	6,398	5,938
76	83	40 999	15 949,551	95 030,848	5,958	5,498
77	84	37 164	14 279,177	79 081,297	5,538	5,078
78	85	33 236	12 612,177	64 802,120	5,138	4,678
79	86	29 251	10 963,029	52 189,943	4,761	4,300
80	87	25 257	9 349,300	41 226,914	4,410	3,949
81	88	21 371	7 813,273	31 877,614	4,080	3,620
82	89	17 659	6 376,257	24 064,341	3,774	3,314
83	90	14 199	5 063,847	17 688,084	3,493	3,033
84	91	11 073	3 900,068	12 624,237	3,237	2,777
85	92	8 341	2 901,623	8 724,169	3,007	2,546
86	93	6 048	2 077,971	5 822,545	2,802	2,342
87	94	4 209	1 428,185	3 744,575	2,622	2,162
88	95	2 791	935,357	2 316,390	2,476	2,016
89	96	1 787	591,398	1 381,034	2,335	1,875
90	97	1 093	357,378	789,636	2,210	1,749
91	98	648	209,357	432,258	2,065	1,604
92	99	360	114,664	222,901	1,944	1,484
93	100	187	58,816	108,237	1,840	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	4 649 644,993	46,674	46,214
1	9	99 259	98 033,957	4 550 026,159	46,413	45,952
2	10	99 226	96 791,023	4 451 992,201	45,996	45,536
3	11	99 205	95 575,499	4 355 201,178	45,568	45,108
4	12	99 184	94 376,371	4 259 625,680	45,134	44,674
5	13	99 165	93 193,046	4 165 249,309	44,695	44,234
6	14	99 147	92 025,952	4 072 056,263	44,249	43,789
7	15	99 127	90 870,867	3 980 030,311	43,799	43,338
8	16	99 106	89 730,221	3 889 159,444	43,343	42,882
9	17	99 084	88 602,717	3 799 429,224	42,882	42,421
10	18	99 061	87 489,007	3 710 826,507	42,415	41,954
11	19	99 033	86 384,656	3 623 337,499	41,944	41,484
12	20	99 006	85 294,092	3 536 952,844	41,468	41,007
13	21	98 979	84 218,880	3 451 658,751	40,984	40,524
14	22	98 954	83 157,417	3 367 439,871	40,495	40,034
15	23	98 924	82 106,652	3 284 282,454	40,000	39,540
16	24	98 888	81 063,208	3 202 175,803	39,502	39,042
17	25	98 846	80 028,233	3 121 112,595	39,000	38,540
18	26	98 799	79 002,322	3 041 084,361	38,494	38,033
19	27	98 741	77 981,897	2 962 082,040	37,984	37,524
20	28	98 679	76 970,181	2 884 100,143	37,470	37,010
21	29	98 610	75 966,716	2 807 129,962	36,952	36,492
22	30	98 540	74 975,895	2 731 163,246	36,427	35,967
23	31	98 466	73 994,891	2 656 187,351	35,897	35,437
24	32	98 390	73 024,497	2 582 192,460	35,361	34,900
25	33	98 308	72 063,078	2 509 167,962	34,819	34,359
26	34	98 226	71 113,837	2 437 104,884	34,270	33,810
27	35	98 141	70 175,152	2 365 991,047	33,716	33,255
28	36	98 049	69 244,337	2 295 815,895	33,155	32,695
29	37	97 953	68 322,195	2 226 571,558	32,589	32,129
30	38	97 852	67 409,035	2 158 249,363	32,017	31,557
31	39	97 738	66 499,500	2 090 840,328	31,441	30,981
32	40	97 613	65 594,211	2 024 340,828	30,862	30,401
33	41	97 478	64 695,085	1 958 746,617	30,277	29,816
34	42	97 335	63 802,300	1 894 051,532	29,686	29,226
35	43	97 176	62 911,625	1 830 249,232	29,092	28,632
36	44	97 002	62 023,911	1 767 337,607	28,494	28,034
37	45	96 817	61 141,400	1 705 313,697	27,891	27,431
38	46	96 619	60 262,902	1 644 172,297	27,283	26,823
39	47	96 395	59 380,958	1 583 909,394	26,674	26,213
40	48	96 152	58 499,869	1 524 528,437	26,060	25,600
41	49	95 877	57 612,736	1 466 028,568	25,446	24,986
42	50	95 577	56 723,163	1 408 415,832	24,830	24,369
43	51	95 246	55 829,163	1 351 692,669	24,211	23,751
44	52	94 880	54 928,022	1 295 863,506	23,592	23,132
45	53	94 477	54 019,528	1 240 935,484	22,972	22,512
46	54	94 026	53 098,031	1 186 915,955	22,353	21,893
47	55	93 539	52 170,436	1 133 817,924	21,733	21,273
48	56	92 997	51 227,973	1 081 647,488	21,114	20,654
49	57	92 402	50 272,042	1 030 419,515	20,497	20,036
50	58	91 744	49 297,553	980 147,473	19,882	19,422
51	59	91 018	48 303,677	930 849,920	19,271	18,810
52	60	90 229	47 293,601	882 546,243	18,661	18,201
53	61	89 345	46 252,325	835 252,642	18,059	17,598
54	62	88 402	45 199,210	789 000,317	17,456	16,996
55	63	87 375	44 122,602	743 801,107	16,858	16,397
56	64	86 266	43 024,778	699 678,505	16,262	15,802
57	65	85 053	41 895,809	656 653,727	15,673	15,213
58	66	83 735	40 737,534	614 757,919	15,091	14,630
59	67	82 303	39 546,502	574 020,385	14,515	14,055
60	68	80 751	38 321,824	534 473,882	13,947	13,487
61	69	79 124	37 085,940	496 152,058	13,378	12,918
62	70	77 380	35 820,893	459 066,118	12,816	12,355
63	71	75 510	34 523,823	423 245,225	12,260	11,799
64	72	73 526	33 201,402	388 721,402	11,708	11,248
65	73	71 432	31 857,591	355 519,999	11,160	10,699
66	74	69 245	30 501,110	323 662,408	10,611	10,151
67	75	66 948	29 125,187	293 161,299	10,066	9,605
68	76	64 492	27 710,521	264 036,112	9,528	9,068
69	77	61 905	26 270,366	236 325,591	8,996	8,536
70	78	59 145	24 789,308	210 055,224	8,474	8,013
71	79	56 195	23 262,164	185 265,917	7,964	7,504
72	80	53 019	21 676,630	162 003,753	7,474	7,013
73	81	49 650	20 048,422	140 327,122	6,999	6,539
74	82	46 119	18 392,827	120 278,700	6,539	6,079
75	83	42 443	16 717,868	101 885,873	6,094	5,634
76	84	38 617	15 023,171	85 168,005	5,669	5,209
77	85	34 666	13 319,317	70 144,834	5,266	4,806
78	86	30 669	11 638,248	56 825,517	4,883	4,422
79	87	26 650	9 988,332	45 187,269	4,524	4,064
80	88	22 701	8 403,244	35 198,938	4,189	3,728
81	89	18 917	6 916,113	26 795,693	3,874	3,414
82	90	15 347	5 541,490	19 879,580	3,587	3,127
83	91	12 099	4 314,717	14 338,090	3,323	2,863
84	92	9 220	3 247,450	10 023,374	3,087	2,626
85	93	6 777	2 357,400	6 775,924	2,874	2,414
86	94	4 783	1 643,263	4 418,524	2,689	2,228
87	95	3 219	1 092,315	2 775,261	2,541	2,080
88	96	2 096	702,422	1 682,947	2,396	1,936
89	97	1 305	432,025	980,525	2,270	1,809
90	98	790	258,364	548,500	2,123	1,663
91	99	451	145,559	290,136	1,993	1,533
92	100	241	76,765	144,577	1,883	1,423

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	4 624 393,992	46,424	45,963
1	10	99 253	98 027,614	4 524 781,324	46,158	45,698
2	11	99 220	96 785,288	4 426 753,711	45,738	45,277
3	12	99 197	95 568,380	4 329 968,423	45,308	44,847
4	13	99 177	94 368,904	4 234 400,043	44,871	44,410
5	14	99 157	93 185,058	4 140 031,139	44,428	43,968
6	15	99 137	92 016,295	4 046 846,081	43,980	43,519
7	16	99 114	90 859,499	3 954 829,786	43,527	43,066
8	17	99 092	89 717,560	3 863 970,288	43,068	42,608
9	18	99 069	88 589,744	3 774 252,728	42,604	42,143
10	19	99 041	87 471,191	3 685 662,984	42,136	41,675
11	20	99 014	86 367,981	3 598 191,793	41,661	41,201
12	21	98 987	85 278,298	3 511 823,812	41,181	40,720
13	22	98 963	84 204,937	3 426 545,513	40,693	40,233
14	23	98 936	83 143,027	3 342 340,576	40,200	39,740
15	24	98 903	82 088,836	3 259 197,550	39,703	39,243
16	25	98 871	81 049,462	3 177 108,714	39,200	38,739
17	26	98 827	80 013,311	3 096 059,252	38,694	38,234
18	27	98 779	78 986,950	3 016 045,940	38,184	37,724
19	28	98 720	77 964,863	2 937 058,991	37,672	37,211
20	29	98 654	76 950,985	2 859 094,127	37,155	36,694
21	30	98 584	75 947,058	2 782 143,142	36,633	36,172
22	31	98 511	74 953,632	2 706 196,085	36,105	35,645
23	32	98 435	73 971,272	2 631 242,452	35,571	35,111
24	33	98 355	72 999,154	2 557 271,180	35,032	34,571
25	34	98 273	72 037,420	2 484 272,026	34,486	34,025
26	35	98 187	71 086,024	2 412 234,606	33,934	33,474
27	36	98 101	70 146,908	2 341 148,582	33,375	32,915
28	37	98 003	69 211,872	2 271 001,674	32,812	32,352
29	38	97 908	68 290,751	2 201 789,802	32,241	31,781
30	39	97 795	67 369,556	2 133 499,051	31,669	31,208
31	40	97 680	66 459,886	2 066 129,495	31,088	30,628
32	41	97 546	65 549,692	1 999 669,609	30,506	30,046
33	42	97 404	64 645,731	1 934 119,916	29,919	29,458
34	43	97 254	63 749,356	1 869 474,185	29,325	28,865
35	44	97 088	62 855,009	1 805 724,829	28,728	28,268
36	45	96 903	61 960,644	1 742 869,820	28,129	27,668
37	46	96 709	61 073,413	1 680 909,176	27,523	27,062
38	47	96 496	60 186,385	1 619 835,763	26,914	26,453
39	48	96 257	59 295,832	1 559 649,378	26,303	25,842
40	49	95 998	58 406,294	1 500 353,546	25,688	25,228
41	50	95 703	57 508,373	1 441 947,252	25,074	24,613
42	51	95 388	56 611,380	1 384 438,878	24,455	23,995
43	52	95 036	55 705,849	1 327 827,498	23,836	23,376
44	53	94 647	54 793,157	1 272 121,649	23,217	22,756
45	54	94 219	53 871,885	1 217 328,492	22,597	22,136
46	55	93 743	52 938,225	1 163 456,606	21,978	21,517
47	56	93 229	51 997,575	1 110 518,381	21,357	20,897
48	57	92 660	51 042,585	1 058 520,806	20,738	20,278
49	58	92 033	50 071,342	1 007 478,221	20,121	19,660
50	59	91 339	49 080,124	957 406,879	19,507	19,047
51	60	90 578	48 070,370	908 326,755	18,896	18,435
52	61	89 742	47 038,640	860 256,385	18,288	17,828
53	62	88 845	45 993,538	813 217,745	17,681	17,221
54	63	87 865	44 924,551	767 224,207	17,078	16,618
55	64	86 800	43 832,080	722 299,656	16,479	16,018
56	65	85 637	42 711,241	678 467,576	15,885	15,425
57	66	84 371	41 560,133	635 756,334	15,297	14,837
58	67	83 003	40 381,675	594 196,202	14,715	14,254
59	68	81 505	39 163,123	553 814,527	14,141	13,681
60	69	79 926	37 930,375	514 651,405	13,568	13,108
61	70	78 240	36 671,609	476 721,030	13,000	12,539
62	71	76 437	35 384,468	440 049,421	12,436	11,976
63	72	74 499	34 061,536	404 664,952	11,880	11,420
64	73	72 466	32 722,993	370 603,416	11,325	10,865
65	74	70 326	31 364,347	337 880,423	10,773	10,312
66	75	68 060	29 979,284	306 516,076	10,224	9,764
67	76	65 671	28 569,842	276 536,792	9,679	9,219
68	77	63 085	27 105,709	247 966,950	9,148	8,688
69	78	60 391	25 628,007	220 861,241	8,618	8,158
70	79	57 483	24 092,722	195 233,235	8,103	7,643
71	80	54 345	22 496,297	171 140,512	7,607	7,147
72	81	50 983	20 844,075	148 644,215	7,131	6,671
73	82	47 462	19 165,037	127 800,141	6,668	6,208
74	83	43 797	17 466,904	108 635,103	6,219	5,759
75	84	39 978	15 746,862	91 168,199	5,790	5,329
76	85	36 022	14 013,299	75 421,337	5,382	4,922
77	86	31 989	12 290,782	61 408,038	4,996	4,536
78	87	27 942	10 603,518	49 117,256	4,632	4,172
79	88	23 953	8 977,612	38 513,738	4,290	3,830
80	89	20 095	7 438,341	29 536,126	3,971	3,510
81	90	16 441	6 010,669	22 097,785	3,676	3,216
82	91	13 076	4 721,699	16 087,116	3,407	2,947
83	92	10 074	3 592,713	11 365,417	3,163	2,703
84	93	7 491	2 638,364	7 772,704	2,946	2,486
85	94	5 359	1 864,236	5 134,340	2,754	2,294
86	95	3 658	1 256,812	3 270,105	2,602	2,142
87	96	2 417	820,292	2 013,292	2,454	1,994
88	97	1 531	513,129	1 193,001	2,325	1,865
89	98	944	312,330	679,872	2,177	1,716
90	99	549	179,633	367,542	2,046	1,586
91	100	302	97,448	187,909	1,928	1,468

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	4 597 915,928	46,161	45,701
1	11	99 247	98 021,805	4 498 309,706	45,891	45,431
2	12	99 213	96 778,079	4 400 287,901	45,468	45,007
3	13	99 189	95 560,819	4 303 509,822	45,034	44,574
4	14	99 168	94 360,815	4 207 949,003	44,594	44,134
5	15	99 146	93 175,279	4 113 588,188	44,149	43,689
6	16	99 124	92 004,784	4 020 412,909	43,698	43,237
7	17	99 100	90 846,678	3 928 408,125	43,242	42,782
8	18	99 077	89 704,423	3 837 561,447	42,780	42,320
9	19	99 049	88 571,703	3 747 857,024	42,314	41,854
10	20	99 022	87 454,307	3 659 285,321	41,842	41,382
11	21	98 996	86 351,989	3 571 831,014	41,364	40,903
12	22	98 971	85 264,180	3 485 479,025	40,879	40,418
13	23	98 946	84 190,366	3 400 214,845	40,387	39,927
14	24	98 915	83 124,986	3 316 024,479	39,892	39,432
15	25	98 886	82 074,916	3 232 899,493	39,390	38,929
16	26	98 853	81 034,349	3 150 824,577	38,883	38,422
17	27	98 808	79 997,743	3 069 790,228	38,373	37,913
18	28	98 758	78 969,697	2 989 792,485	37,860	37,400
19	29	98 695	77 945,419	2 910 822,788	37,344	36,884
20	30	98 628	76 931,072	2 832 877,369	36,824	36,363
21	31	98 555	75 924,506	2 755 946,297	36,299	35,838
22	32	98 479	74 929,708	2 680 021,791	35,767	35,307
23	33	98 401	73 945,601	2 605 092,083	35,230	34,769
24	34	98 320	72 973,163	2 531 146,483	34,686	34,226
25	35	98 235	72 009,245	2 458 173,319	34,137	33,677
26	36	98 148	71 057,413	2 386 164,074	33,581	33,120
27	37	98 055	70 114,020	2 315 106,661	33,019	32,559
28	38	97 958	69 180,019	2 244 992,642	32,451	31,991
29	39	97 851	68 250,756	2 175 812,623	31,880	31,419
30	40	97 736	67 329,424	2 107 561,867	31,302	30,842
31	41	97 614	66 414,780	2 040 232,443	30,720	30,259
32	42	97 472	65 499,687	1 973 817,663	30,135	29,674
33	43	97 323	64 592,087	1 908 317,976	29,544	29,084
34	44	97 166	63 691,986	1 843 725,888	28,948	28,487
35	45	96 989	62 790,894	1 780 033,902	28,349	27,888
36	46	96 795	61 891,746	1 717 243,008	27,746	27,286
37	47	96 587	60 995,867	1 655 351,262	27,139	26,678
38	48	96 358	60 100,105	1 594 355,395	26,528	26,068
39	49	96 103	59 200,984	1 534 255,290	25,916	25,456
40	50	95 824	58 300,494	1 475 054,306	25,301	24,840
41	51	95 515	57 395,043	1 416 753,812	24,684	24,224
42	52	95 178	56 486,338	1 359 358,768	24,065	23,605
43	53	94 802	55 569,074	1 302 872,430	23,446	22,986
44	54	94 389	54 643,400	1 247 303,356	22,826	22,366
45	55	93 935	53 709,751	1 192 659,956	22,206	21,745
46	56	93 433	52 762,820	1 138 950,205	21,586	21,126
47	57	92 891	51 809,402	1 086 187,385	20,965	20,505
48	58	92 290	50 838,809	1 034 377,983	20,346	19,886
49	59	91 628	49 850,499	983 539,174	19,730	19,269
50	60	90 898	48 843,067	933 688,675	19,116	18,656
51	61	90 090	47 811,222	884 845,608	18,507	18,047
52	62	89 240	46 775,454	837 034,387	17,895	17,434
53	63	88 305	45 714,052	790 258,933	17,287	16,827
54	64	87 286	44 628,749	744 544,880	16,683	16,223
55	65	86 167	43 512,660	699 916,131	16,085	15,625
56	66	84 951	42 369,032	656 403,471	15,493	15,032
57	67	83 634	41 197,087	614 034,439	14,905	14,444
58	68	82 199	39 990,198	572 837,352	14,324	13,864
59	69	80 672	38 763,080	532 847,153	13,746	13,286
60	70	79 033	37 506,610	494 084,074	13,173	12,713
61	71	77 286	36 224,820	456 577,464	12,604	12,144
62	72	75 414	34 910,658	420 352,645	12,041	11,580
63	73	73 426	33 570,733	385 441,987	11,481	11,021
64	74	71 344	32 216,350	351 871,254	10,922	10,462
65	75	69 122	30 827,753	319 654,904	10,369	9,909
66	76	66 762	29 407,653	288 827,151	9,821	9,361
67	77	64 238	27 946,274	259 419,497	9,283	8,822
68	78	61 542	26 442,923	231 473,224	8,754	8,293
69	79	58 694	24 907,853	205 030,300	8,232	7,771
70	80	55 590	23 299,510	180 122,447	7,731	7,270
71	81	52 258	21 632,260	156 822,936	7,249	6,789
72	82	48 737	19 925,631	135 190,676	6,785	6,324
73	83	45 073	18 200,240	115 265,045	6,333	5,873
74	84	41 254	16 452,393	97 064,806	5,900	5,439
75	85	37 291	14 688,343	80 612,413	5,488	5,028
76	86	33 240	12 931,174	65 924,070	5,098	4,638
77	87	29 145	11 198,037	52 992,896	4,732	4,272
78	88	25 115	9 530,548	41 794,859	4,385	3,925
79	89	21 203	7 946,757	32 264,311	4,060	3,600
80	90	17 464	6 464,528	24 317,554	3,762	3,301
81	91	14 009	5 121,469	17 853,027	3,486	3,026
82	92	10 888	3 931,593	12 731,558	3,238	2,778
83	93	8 185	2 918,870	8 799,964	3,015	2,554
84	94	5 924	2 086,422	5 881,095	2,819	2,358
85	95	4 099	1 425,818	3 794,672	2,661	2,201
86	96	2 747	943,824	2 368,854	2,510	2,049
87	97	1 766	599,235	1 425,030	2,378	1,918
88	98	1 107	370,964	825,795	2,226	1,766
89	99	656	217,154	454,831	2,095	1,634
90	100	368	120,259	237,677	1,976	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	4 570 222,770	45,886	45,425
1	12	99 240	98 014,504	4 470 622,450	45,612	45,151
2	13	99 205	96 770,422	4 372 607,946	45,185	44,725
3	14	99 181	95 552,627	4 275 837,524	44,749	44,288
4	15	99 158	94 350,913	4 180 284,896	44,306	43,845
5	16	99 134	93 163,623	4 085 933,983	43,858	43,397
6	17	99 110	91 991,802	3 992 770,360	43,404	42,943
7	18	99 086	90 833,377	3 900 778,559	42,944	42,484
8	19	99 057	89 686,156	3 809 945,182	42,481	42,020
9	20	99 030	88 554,607	3 720 259,027	42,011	41,551
10	21	99 004	87 438,113	3 631 704,420	41,535	41,074
11	22	98 980	86 337,692	3 544 266,307	41,051	40,591
12	23	98 954	85 249,425	3 457 928,614	40,562	40,102
13	24	98 924	84 172,098	3 372 679,189	40,069	39,608
14	25	98 898	83 110,890	3 288 507,091	39,568	39,107
15	26	98 868	82 059,612	3 205 396,201	39,062	38,601
16	27	98 834	81 018,582	3 123 336,588	38,551	38,090
17	28	98 787	79 980,269	3 042 318,006	38,038	37,578
18	29	98 733	78 950,002	2 962 337,737	37,522	37,061
19	30	98 670	77 925,248	2 883 387,735	37,002	36,542
20	31	98 599	76 908,228	2 805 462,486	36,478	36,018
21	32	98 523	75 900,272	2 728 554,258	35,949	35,489
22	33	98 445	74 903,703	2 652 653,986	35,414	34,954
23	34	98 366	73 919,273	2 577 750,283	34,873	34,412
24	35	98 282	72 944,622	2 503 831,010	34,325	33,865
25	36	98 195	71 980,263	2 430 886,388	33,772	33,311
26	37	98 102	71 024,098	2 358 906,125	33,213	32,752
27	38	98 010	70 081,751	2 287 882,028	32,646	32,186
28	39	97 901	69 139,503	2 217 800,276	32,077	31,617
29	40	97 792	68 210,099	2 148 660,773	31,501	31,040
30	41	97 670	67 283,728	2 080 450,674	30,921	30,460
31	42	97 539	66 364,115	2 013 166,946	30,335	29,875
32	43	97 391	65 445,335	1 946 802,832	29,747	29,287
33	44	97 235	64 533,959	1 881 357,497	29,153	28,693
34	45	97 067	63 627,017	1 816 823,538	28,554	28,094
35	46	96 881	62 721,073	1 753 196,520	27,952	27,492
36	47	96 672	61 813,160	1 690 475,447	27,348	26,888
37	48	96 448	60 908,426	1 628 662,287	26,740	26,279
38	49	96 204	60 003,970	1 567 753,860	26,128	25,667
39	50	95 929	59 093,745	1 507 749,890	25,515	25,054
40	51	95 635	58 185,603	1 448 656,145	24,897	24,437
41	52	95 304	57 268,270	1 390 470,542	24,280	23,820
42	53	94 944	56 347,647	1 333 202,271	23,660	23,200
43	54	94 543	55 417,196	1 276 854,624	23,041	22,580
44	55	94 104	54 478,943	1 221 437,428	22,420	21,960
45	56	93 624	53 531,789	1 166 958,484	21,799	21,339
46	57	93 095	52 571,878	1 113 426,695	21,179	20,719
47	58	92 520	51 602,564	1 060 854,817	20,558	20,098
48	59	91 883	50 614,582	1 009 252,253	19,940	19,480
49	60	91 185	49 609,721	958 637,672	19,324	18,863
50	61	90 408	48 579,753	909 027,951	18,712	18,252
51	62	89 586	47 543,713	860 448,198	18,098	17,638
52	63	88 698	46 491,217	812 904,485	17,485	17,025
53	64	87 724	45 413,052	766 413,269	16,876	16,416
54	65	86 650	44 303,524	721 000,217	16,274	15,814
55	66	85 477	43 164,030	676 696,693	15,677	15,217
56	67	84 209	41 998,920	633 532,663	15,084	14,624
57	68	82 823	40 797,706	591 533,743	14,499	14,039
58	69	81 359	39 581,707	550 736,036	13,914	13,454
59	70	79 771	38 330,011	511 154,329	13,336	12,875
60	71	78 070	37 049,647	472 824,318	12,762	12,302
61	72	76 252	35 739,756	435 774,672	12,193	11,733
62	73	74 327	34 407,619	400 034,915	11,626	11,166
63	74	72 289	33 050,965	365 627,297	11,063	10,602
64	75	70 124	31 665,180	332 576,332	10,503	10,043
65	76	67 804	30 239,944	300 911,152	9,951	9,490
66	77	65 305	28 765,799	270 671,208	9,409	8,949
67	78	62 667	27 262,935	241 905,408	8,873	8,413
68	79	59 813	25 699,871	214 642,473	8,352	7,891
69	80	56 762	24 087,805	188 942,602	7,844	7,384
70	81	53 455	22 404,624	164 854,798	7,358	6,898
71	82	49 955	20 679,087	142 450,174	6,889	6,428
72	83	46 283	18 922,544	121 771,087	6,435	5,975
73	84	42 455	17 143,135	102 848,543	5,999	5,539
74	85	38 480	15 346,447	85 705,408	5,585	5,124
75	86	34 411	13 554,090	70 358,961	5,191	4,731
76	87	30 285	11 781,493	56 804,871	4,822	4,361
77	88	26 196	10 064,907	45 023,378	4,473	4,013
78	89	22 231	8 436,202	34 958,471	4,144	3,683
79	90	18 427	6 906,383	26 522,269	3,840	3,380
80	91	14 880	5 508,185	19 615,886	3,561	3,101
81	92	11 664	4 264,468	14 107,701	3,308	2,848
82	93	8 846	3 194,190	9 843,233	3,082	2,621
83	94	6 472	2 308,247	6 649,043	2,881	2,420
84	95	4 531	1 595,753	4 340,796	2,720	2,260
85	96	3 078	1 070,742	2 745,043	2,564	2,103
86	97	2 007	689,477	1 674,301	2,428	1,968
87	98	1 277	433,214	984,824	2,273	1,813
88	99	770	257,920	551,610	2,139	1,678
89	100	439	145,378	293,690	2,020	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	4 541 328,688	45,599	45,139
1	13	99 232	98 006,750	4 441 735,787	45,321	44,860
2	14	99 196	96 762,127	4 343 729,037	44,891	44,430
3	15	99 170	95 542,600	4 246 966,910	44,451	43,991
4	16	99 145	94 339,110	4 151 424,309	44,005	43,545
5	17	99 120	93 150,477	4 057 085,200	43,554	43,094
6	18	99 096	91 978,332	3 963 934,722	43,096	42,636
7	19	99 065	90 814,879	3 871 956,390	42,636	42,175
8	20	99 038	89 668,844	3 781 141,511	42,168	41,707
9	21	99 012	88 538,209	3 691 472,667	41,694	41,233
10	22	98 987	87 423,637	3 602 934,458	41,212	40,752
11	23	98 962	86 322,752	3 515 510,821	40,725	40,265
12	24	98 932	85 230,928	3 429 188,069	40,234	39,774
13	25	98 908	84 157,825	3 343 957,141	39,734	39,274
14	26	98 880	83 095,394	3 259 799,316	39,230	38,769
15	27	98 849	82 043,646	3 176 703,923	38,720	38,259
16	28	98 812	81 000,886	3 094 660,277	38,205	37,745
17	29	98 762	79 960,323	3 013 659,391	37,689	37,229
18	30	98 708	78 929,572	2 933 699,069	37,169	36,708
19	31	98 640	77 902,110	2 854 769,497	36,646	36,185
20	32	98 568	76 883,680	2 776 867,388	36,118	35,657
21	33	98 489	75 873,931	2 699 983,708	35,585	35,125
22	34	98 410	74 877,034	2 624 109,777	35,046	34,585
23	35	98 327	73 890,361	2 549 232,743	34,500	34,040
24	36	98 242	72 915,263	2 475 342,382	33,948	33,488
25	37	98 149	71 946,515	2 402 427,118	33,392	32,931
26	38	98 057	70 991,411	2 330 480,603	32,828	32,367
27	39	97 953	70 040,707	2 259 489,193	32,260	31,799
28	40	97 843	69 098,317	2 189 448,485	31,686	31,226
29	41	97 726	68 163,805	2 120 350,169	31,107	30,646
30	42	97 595	67 232,400	2 052 186,364	30,524	30,063
31	43	97 458	66 309,045	1 984 953,964	29,935	29,475
32	44	97 304	65 386,439	1 918 644,919	29,343	28,883
33	45	97 136	64 468,132	1 853 258,481	28,747	28,287
34	46	96 959	63 556,267	1 788 790,349	28,145	27,685
35	47	96 758	62 641,435	1 725 234,082	27,541	27,081
36	48	96 534	61 724,549	1 662 592,647	26,936	26,475
37	49	96 294	60 810,999	1 600 868,099	26,325	25,865
38	50	96 029	59 895,276	1 540 057,100	25,712	25,252
39	51	95 739	58 977,291	1 480 161,824	25,097	24,637
40	52	95 424	58 057,084	1 421 184,533	24,479	24,019
41	53	95 070	57 127,660	1 363 127,449	23,861	23,401
42	54	94 684	56 193,641	1 305 999,789	23,241	22,781
43	55	94 259	55 250,411	1 249 806,148	22,621	22,160
44	56	93 793	54 298,433	1 194 555,737	22,000	21,539
45	57	93 285	53 338,064	1 140 257,304	21,378	20,918
46	58	92 723	52 361,996	1 086 919,240	20,758	20,297
47	59	92 112	51 374,968	1 034 557,244	20,137	19,677
48	60	91 440	50 370,113	983 182,276	19,519	19,059
49	61	90 693	49 342,274	932 812,163	18,905	18,445
50	62	89 902	48 307,944	883 469,889	18,288	17,828
51	63	89 042	47 254,807	835 161,945	17,674	17,213
52	64	88 114	46 185,099	787 907,138	17,060	16,599
53	65	87 085	45 082,111	741 722,039	16,453	15,992
54	66	85 956	43 948,557	696 639,928	15,851	15,391
55	67	84 730	42 786,974	652 691,371	15,254	14,794
56	68	83 393	41 591,766	609 904,397	14,664	14,204
57	69	81 977	40 380,966	568 312,631	14,074	13,613
58	70	80 450	39 139,493	527 931,665	13,488	13,028
59	71	78 799	37 863,016	488 792,173	12,909	12,449
60	72	77 025	36 553,539	450 929,156	12,336	11,876
61	73	75 153	35 224,770	414 375,618	11,764	11,303
62	74	73 176	33 874,894	379 150,847	11,193	10,732
63	75	71 052	32 485,516	345 275,953	10,629	10,168
64	76	68 786	31 061,403	312 790,438	10,070	9,610
65	77	66 325	29 579,925	281 729,035	9,524	9,064
66	78	63 708	28 062,422	252 149,110	8,985	8,525
67	79	60 906	26 496,840	224 086,688	8,457	7,997
68	80	57 843	24 853,746	197 589,848	7,950	7,490
69	81	54 581	23 162,641	172 736,102	7,458	6,997
70	82	51 100	21 417,418	149 573,461	6,984	6,523
71	83	47 440	19 638,070	128 156,043	6,526	6,066
72	84	43 595	17 823,487	108 517,973	6,088	5,628
73	85	39 601	15 990,757	90 694,487	5,672	5,211
74	86	35 509	14 161,374	74 703,730	5,275	4,815
75	87	31 352	12 349,027	60 542,355	4,903	4,442
76	88	27 220	10 589,323	48 193,328	4,551	4,091
77	89	23 188	8 909,204	37 604,004	4,221	3,760
78	90	19 321	7 331,750	28 694,801	3,914	3,453
79	91	15 701	5 884,674	21 363,050	3,630	3,170
80	92	12 390	4 586,473	15 478,377	3,375	2,914
81	93	9 477	3 464,631	10 891,904	3,144	2,683
82	94	6 996	2 525,971	7 427,273	2,940	2,480
83	95	4 950	1 765,411	4 901,302	2,776	2,316
84	96	3 402	1 198,357	3 135,891	2,617	2,156
85	97	2 248	782,192	1 937,534	2,477	2,017
86	98	1 451	498,454	1 155,342	2,318	1,857
87	99	888	301,200	656,888	2,181	1,721
88	100	515	172,670	355,688	2,060	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	4 511 252,181	45,301	44,840
1	14	99 223	97 998,349	4 411 667,160	45,018	44,557
2	15	99 186	96 751,973	4 313 668,811	44,585	44,124
3	16	99 158	95 530,648	4 216 916,838	44,142	43,682
4	17	99 131	94 325,798	4 121 386,190	43,693	43,233
5	18	99 105	93 136,838	4 027 060,392	43,238	42,778
6	19	99 076	91 959,602	3 933 923,553	42,779	42,318
7	20	99 046	90 797,350	3 841 963,952	42,314	41,853
8	21	99 020	89 652,240	3 751 166,602	41,841	41,381
9	22	98 995	88 523,551	3 661 514,362	41,362	40,902
10	23	98 970	87 408,509	3 572 990,811	40,877	40,417
11	24	98 941	86 304,021	3 485 582,302	40,387	39,927
12	25	98 915	85 216,475	3 399 278,281	39,890	39,430
13	26	98 889	84 142,133	3 314 061,806	39,386	38,926
14	27	98 861	83 079,226	3 229 919,673	38,878	38,417
15	28	98 827	82 025,725	3 146 840,448	38,364	37,904
16	29	98 787	80 980,684	3 064 814,723	37,846	37,386
17	30	98 736	79 939,630	2 983 834,038	37,326	36,866
18	31	98 678	78 906,135	2 903 894,408	36,802	36,341
19	32	98 609	77 877,244	2 824 988,273	36,275	35,814
20	33	98 534	76 856,997	2 747 111,029	35,743	35,283
21	34	98 454	75 846,916	2 670 254,032	35,206	34,745
22	35	98 372	74 847,749	2 594 407,116	34,662	34,202
23	36	98 288	73 860,622	2 519 559,367	34,112	33,652
24	37	98 196	72 881,077	2 445 698,745	33,557	33,097
25	38	98 104	71 913,404	2 372 817,668	32,995	32,535
26	39	97 999	70 949,834	2 300 904,265	32,430	31,970
27	40	97 894	69 998,984	2 229 954,431	31,857	31,397
28	41	97 776	69 051,420	2 159 955,447	31,280	30,820
29	42	97 651	68 111,805	2 090 904,027	30,698	30,238
30	43	97 514	67 176,609	2 022 792,222	30,112	29,651
31	44	97 371	66 249,371	1 955 615,612	29,519	29,059
32	45	97 204	65 319,742	1 889 366,241	28,925	28,464
33	46	97 028	64 396,446	1 824 046,499	28,325	27,865
34	47	96 836	63 475,568	1 759 650,053	27,722	27,261
35	48	96 619	62 551,635	1 696 174,486	27,116	26,656
36	49	96 379	61 625,815	1 633 622,850	26,509	26,048
37	50	96 119	60 700,843	1 571 997,035	25,897	25,437
38	51	95 840	59 777,243	1 511 296,192	25,282	24,822
39	52	95 528	58 847,023	1 451 518,949	24,666	24,206
40	53	95 189	57 914,537	1 392 671,927	24,047	23,587
41	54	94 810	56 971,522	1 334 757,390	23,429	22,968
42	55	94 399	56 024,519	1 277 785,868	22,808	22,347
43	56	93 946	55 067,344	1 221 761,349	22,187	21,726
44	57	93 453	54 101,933	1 166 694,005	21,565	21,104
45	58	92 913	53 125,123	1 112 592,072	20,943	20,482
46	59	92 314	52 131,051	1 059 466,948	20,323	19,863
47	60	91 667	51 126,827	1 007 335,897	19,703	19,242
48	61	90 947	50 098,567	956 209,070	19,087	18,626
49	62	90 186	49 066,199	906 110,504	18,467	18,007
50	63	89 356	48 014,394	857 044,305	17,850	17,389
51	64	88 455	46 943,662	809 029,911	17,234	16,774
52	65	87 472	45 848,532	762 086,249	16,622	16,161
53	66	86 387	44 720,906	716 237,717	16,016	15,555
54	67	85 205	43 564,648	671 516,812	15,414	14,954
55	68	83 909	42 372,180	627 952,164	14,820	14,360
56	69	82 541	41 166,915	585 579,984	14,225	13,764
57	70	81 061	39 929,822	544 413,069	13,634	13,174
58	71	79 470	38 662,636	504 483,247	13,048	12,588
59	72	77 744	37 356,017	465 820,611	12,470	12,009
60	73	75 915	36 026,827	428 464,594	11,893	11,433
61	74	73 989	34 679,394	392 437,768	11,316	10,856
62	75	71 924	33 295,348	357 758,374	10,745	10,285
63	76	69 697	31 866,097	324 463,026	10,182	9,722
64	77	67 285	30 383,454	292 596,928	9,630	9,170
65	78	64 703	28 856,640	262 213,474	9,087	8,626
66	79	61 918	27 273,861	233 356,834	8,556	8,096
67	80	58 901	25 624,477	206 082,973	8,042	7,582
68	81	55 622	23 899,164	180 458,497	7,551	7,090
69	82	52 176	22 142,035	156 559,332	7,071	6,610
70	83	48 527	20 339,232	134 417,297	6,609	6,148
71	84	44 685	18 497,453	114 078,065	6,167	5,707
72	85	40 664	16 625,375	95 580,612	5,749	5,289
73	86	36 543	14 755,930	78 955,237	5,351	4,890
74	87	32 352	12 902,320	64 199,307	4,976	4,515
75	88	28 179	11 099,429	51 296,987	4,622	4,161
76	89	24 095	9 373,403	40 197,558	4,288	3,828
77	90	20 152	7 742,828	30 824,155	3,981	3,521
78	91	16 462	6 247,114	23 081,327	3,695	3,234
79	92	13 074	4 899,962	16 834,214	3,436	2,975
80	93	10 066	3 726,241	11 934,252	3,203	2,742
81	94	7 494	2 739,836	8 208,011	2,996	2,535
82	95	5 350	1 931,932	5 468,175	2,830	2,370
83	96	3 718	1 325,765	3 536,243	2,667	2,207
84	97	2 485	875,417	2 210,478	2,525	2,065
85	98	1 626	565,482	1 335,061	2,361	1,901
86	99	1 009	346,560	769,580	2,221	1,760
87	100	594	201,645	423,020	2,098	1,637

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	4 480 012,179	44,991	44,530
1	15	99 213	97 988,065	4 380 435,693	44,704	44,243
2	16	99 173	96 739,869	4 282 447,628	44,268	43,807
3	17	99 144	95 517,168	4 185 707,759	43,822	43,361
4	18	99 117	94 311,987	4 090 190,591	43,369	42,908
5	19	99 085	93 117,872	3 995 878,603	42,912	42,452
6	20	99 057	91 941,851	3 902 760,732	42,448	41,988
7	21	99 028	90 780,537	3 810 818,880	41,978	41,518
8	22	99 003	89 637,398	3 720 038,344	41,501	41,041
9	23	98 978	88 508,232	3 630 400,946	41,018	40,557
10	24	98 949	87 389,542	3 541 892,714	40,530	40,070
11	25	98 924	86 289,387	3 454 503,171	40,034	39,574
12	26	98 897	85 200,585	3 368 213,784	39,533	39,072
13	27	98 870	84 125,761	3 283 013,199	39,025	38,565
14	28	98 839	83 061,079	3 198 887,438	38,512	38,052
15	29	98 802	82 005,268	3 115 826,360	37,995	37,535
16	30	98 762	80 959,728	3 033 821,091	37,473	37,013
17	31	98 707	79 915,894	2 952 861,363	36,950	36,489
18	32	98 647	78 880,948	2 872 945,470	36,421	35,961
19	33	98 575	77 850,217	2 794 064,521	35,890	35,430
20	34	98 498	76 829,633	2 716 214,304	35,354	34,893
21	35	98 416	75 817,251	2 639 384,672	34,812	34,352
22	36	98 332	74 817,624	2 563 567,421	34,264	33,804
23	37	98 242	73 825,993	2 488 749,797	33,711	33,251
24	38	98 151	72 847,536	2 414 923,805	33,150	32,690
25	39	98 046	71 871,287	2 342 076,269	32,587	32,127
26	40	97 941	70 907,569	2 270 204,982	32,016	31,556
27	41	97 828	69 951,476	2 199 297,413	31,440	30,980
28	42	97 702	68 998,743	2 129 345,938	30,861	30,400
29	43	97 570	68 055,285	2 060 347,194	30,275	29,814
30	44	97 427	67 116,155	1 992 291,909	29,684	29,224
31	45	97 271	66 181,794	1 925 175,754	29,089	28,629
32	46	97 096	65 247,109	1 858 993,960	28,492	28,031
33	47	96 905	64 314,680	1 793 746,851	27,890	27,430
34	48	96 697	63 384,573	1 729 432,171	27,285	26,824
35	49	96 465	62 451,579	1 666 047,598	26,677	26,217
36	50	96 205	61 514,184	1 603 596,019	26,069	25,608
37	51	95 930	60 581,222	1 542 081,835	25,455	24,994
38	52	95 628	59 645,208	1 481 500,614	24,839	24,378
39	53	95 293	58 702,536	1 421 855,406	24,221	23,761
40	54	94 929	57 756,248	1 363 152,870	23,602	23,141
41	55	94 525	56 800,058	1 305 396,622	22,982	22,522
42	56	94 087	55 838,888	1 248 596,564	22,361	21,900
43	57	93 606	54 868,062	1 192 757,676	21,739	21,278
44	58	93 080	53 885,943	1 137 889,614	21,117	20,656
45	59	92 503	52 890,812	1 084 003,671	20,495	20,035
46	60	91 868	51 879,257	1 031 112,858	19,875	19,415
47	61	91 173	50 851,201	979 233,601	19,257	18,796
48	62	90 438	49 818,260	928 382,400	18,635	18,175
49	63	89 638	48 768,041	878 564,140	18,015	17,555
50	64	88 768	47 698,247	829 796,099	17,397	16,936
51	65	87 811	46 601,567	782 097,851	16,783	16,322
52	66	86 771	45 481,186	735 496,285	16,171	15,711
53	67	85 632	44 330,250	690 015,098	15,565	15,105
54	68	84 379	43 142,314	645 684,849	14,966	14,506
55	69	83 052	41 939,357	602 542,534	14,367	13,907
56	70	81 619	40 706,990	560 603,177	13,772	13,311
57	71	80 074	39 443,336	519 896,187	13,181	12,720
58	72	78 406	38 144,929	480 452,851	12,595	12,135
59	73	76 624	36 817,742	442 307,922	12,013	11,553
60	74	74 740	35 469,032	405 490,180	11,432	10,972
61	75	72 723	34 086,084	370 021,148	10,855	10,395
62	76	70 553	32 660,488	335 935,063	10,286	9,825
63	77	68 176	31 170,585	303 274,575	9,730	9,269
64	78	65 640	29 640,522	272 103,990	9,180	8,720
65	79	62 885	28 045,761	242 463,468	8,645	8,185
66	80	59 880	26 375,915	214 417,707	8,129	7,669
67	81	56 639	24 640,292	188 041,791	7,631	7,171
68	82	53 171	22 846,106	163 401,499	7,152	6,692
69	83	49 550	21 027,371	140 555,393	6,684	6,224
70	84	45 709	19 157,891	119 528,022	6,239	5,779
71	85	41 681	17 254,037	100 370,132	5,817	5,357
72	86	37 524	15 341,542	83 116,095	5,418	4,957
73	87	33 294	13 444,015	67 774,553	5,041	4,581
74	88	29 078	11 596,733	54 330,539	4,685	4,225
75	89	24 943	9 824,936	42 733,805	4,350	3,889
76	90	20 940	8 146,255	32 908,869	4,040	3,579
77	91	17 171	6 597,377	24 762,614	3,753	3,293
78	92	13 708	5 201,753	18 165,237	3,492	3,032
79	93	10 622	3 980,933	12 963,484	3,256	2,796
80	94	7 961	2 946,718	8 982,551	3,048	2,588
81	95	5 732	2 095,502	6 035,833	2,880	2,420
82	96	4 018	1 450,816	3 940,331	2,716	2,256
83	97	2 716	968,490	2 489,515	2,571	2,110
84	98	1 797	632,878	1 521,025	2,403	1,943
85	99	1 130	393,162	888,147	2,259	1,799
86	100	675	232,012	494,985	2,133	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	4 447 628,681	44,670	44,210
1	16	99 201	97 975,807	4 348 062,645	44,379	43,919
2	17	99 159	96 726,219	4 250 086,839	43,939	43,479
3	18	99 130	95 503,183	4 153 360,619	43,489	43,029
4	19	99 097	94 292,781	4 057 857,437	43,035	42,574
5	20	99 066	93 099,898	3 963 564,655	42,573	42,113
6	21	99 038	91 924,826	3 870 464,757	42,105	41,644
7	22	99 012	90 765,507	3 778 539,931	41,630	41,169
8	23	98 986	89 621,886	3 687 774,423	41,148	40,688
9	24	98 957	88 489,027	3 598 152,537	40,662	40,202
10	25	98 932	87 374,724	3 509 663,510	40,168	39,708
11	26	98 906	86 273,297	3 422 288,786	39,668	39,208
12	27	98 878	85 184,008	3 336 015,489	39,162	38,702
13	28	98 848	84 107,385	3 250 831,481	38,651	38,191
14	29	98 814	83 040,364	3 166 724,096	38,135	37,674
15	30	98 777	81 984,047	3 083 683,732	37,613	37,153
16	31	98 733	80 935,688	3 001 699,685	37,087	36,627
17	32	98 676	79 890,385	2 920 763,997	36,560	36,099
18	33	98 612	78 853,573	2 840 873,612	36,027	35,567
19	34	98 540	77 822,499	2 762 020,039	35,491	35,031
20	35	98 460	76 799,583	2 684 197,541	34,951	34,490
21	36	98 376	75 786,736	2 607 397,957	34,404	33,944
22	37	98 286	74 782,546	2 531 611,221	33,853	33,393
23	38	98 196	73 792,016	2 456 828,676	33,294	32,834
24	39	98 094	72 804,872	2 383 036,660	32,732	32,271
25	40	97 988	71 828,473	2 310 231,788	32,163	31,703
26	41	97 874	70 859,444	2 238 403,315	31,589	31,129
27	42	97 753	69 898,113	2 167 543,871	31,010	30,550
28	43	97 621	68 941,487	2 097 645,758	30,426	29,966
29	44	97 483	67 994,040	2 028 704,271	29,837	29,376
30	45	97 327	67 047,694	1 960 710,231	29,244	28,783
31	46	97 163	66 108,203	1 893 662,537	28,645	28,185
32	47	96 973	65 164,263	1 827 554,334	28,045	27,585
33	48	96 766	64 222,482	1 762 390,071	27,442	26,982
34	49	96 543	63 283,184	1 698 167,589	26,834	26,374
35	50	96 290	62 338,452	1 634 884,405	26,226	25,766
36	51	96 015	61 392,959	1 572 545,953	25,614	25,154
37	52	95 718	60 447,411	1 511 152,994	24,999	24,539
38	53	95 394	59 498,761	1 450 705,583	24,382	23,922
39	54	95 033	58 542,093	1 391 206,822	23,764	23,304
40	55	94 644	57 582,423	1 332 664,729	23,144	22,683
41	56	94 211	56 611,857	1 275 082,306	22,523	22,063
42	57	93 746	55 636,813	1 218 470,448	21,900	21,440
43	58	93 233	54 649,013	1 162 833,635	21,278	20,818
44	59	92 670	53 648,277	1 108 184,622	20,656	20,196
45	60	92 056	52 635,349	1 054 536,345	20,035	19,574
46	61	91 373	51 599,575	1 001 900,996	19,417	18,956
47	62	90 663	50 566,683	950 301,421	18,793	18,333
48	63	89 888	49 515,532	899 734,737	18,171	17,710
49	64	89 048	48 446,932	850 219,205	17,549	17,089
50	65	88 121	47 350,653	801 772,273	16,933	16,472
51	66	87 107	46 228,187	754 421,619	16,320	15,859
52	67	86 013	45 083,889	708 193,432	15,708	15,248
53	68	84 802	43 900,495	663 109,543	15,105	14,644
54	69	83 517	42 701,625	619 209,048	14,501	14,040
55	70	82 124	41 470,803	576 507,424	13,902	13,441
56	71	80 625	40 211,036	535 036,621	13,306	12,845
57	72	79 002	38 915,176	494 825,585	12,715	12,255
58	73	77 276	37 595,286	455 910,410	12,127	11,666
59	74	75 438	36 247,702	418 315,123	11,540	11,080
60	75	73 461	34 862,213	382 067,422	10,959	10,499
61	76	71 337	33 436,147	347 205,208	10,384	9,924
62	77	69 013	31 947,638	313 769,061	9,821	9,361
63	78	66 509	30 408,406	281 821,424	9,268	8,807
64	79	63 795	28 807,616	251 413,018	8,727	8,267
65	80	60 814	27 122,402	222 605,402	8,207	7,747
66	81	57 580	25 362,870	195 482,999	7,707	7,247
67	82	54 143	23 554,578	170 120,129	7,222	6,762
68	83	50 494	21 695,997	146 565,552	6,755	6,295
69	84	46 672	19 806,061	124 869,554	6,305	5,844
70	85	42 636	17 870,079	105 063,493	5,879	5,419
71	86	38 462	15 921,657	87 193,414	5,476	5,016
72	87	34 188	13 977,561	71 271,757	5,099	4,639
73	88	29 925	12 083,614	57 294,196	4,741	4,281
74	89	25 739	10 265,138	45 210,582	4,404	3,944
75	90	21 678	8 538,674	34 945,444	4,093	3,632
76	91	17 842	6 941,123	26 406,770	3,804	3,344
77	92	14 297	5 493,405	19 465,647	3,543	3,083
78	93	11 137	4 226,120	13 972,242	3,306	2,846
79	94	8 400	3 148,128	9 746,121	3,096	2,635
80	95	6 088	2 253,731	6 597,993	2,928	2,467
81	96	4 304	1 573,652	4 344,262	2,761	2,300
82	97	2 935	1 059,842	2 770,610	2,614	2,154
83	98	1 963	700,164	1 710,768	2,443	1,983
84	99	1 249	440,021	1 010,604	2,297	1,836
85	100	757	263,211	570,583	2,168	1,707

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	4 414 123,264	44,339	43,879
1	17	99 187	97 961,982	4 314 569,684	44,043	43,583
2	18	99 145	96 712,057	4 216 607,702	43,600	43,139
3	19	99 109	95 483,734	4 119 895,645	43,148	42,687
4	20	99 077	94 274,581	4 024 411,911	42,688	42,228
5	21	99 048	93 082,659	3 930 137,330	42,222	41,762
6	22	99 022	91 909,608	3 837 054,672	41,748	41,288
7	23	98 994	90 749,801	3 745 145,064	41,269	40,809
8	24	98 965	89 602,440	3 654 395,263	40,785	40,324
9	25	98 940	88 474,022	3 564 792,823	40,292	39,832
10	26	98 913	87 358,432	3 476 318,801	39,794	39,333
11	27	98 887	86 256,511	3 388 960,369	39,289	38,829
12	28	98 856	85 165,401	3 302 703,859	38,780	38,319
13	29	98 824	84 086,409	3 217 538,457	38,265	37,804
14	30	98 789	83 018,874	3 133 452,048	37,744	37,283
15	31	98 747	81 959,703	3 050 433,174	37,219	36,758
16	32	98 701	80 909,854	2 968 473,470	36,689	36,228
17	33	98 641	79 862,659	2 887 563,616	36,157	35,696
18	34	98 577	78 825,497	2 807 700,957	35,619	35,159
19	35	98 501	77 792,061	2 728 875,460	35,079	34,619
20	36	98 420	76 768,673	2 651 083,399	34,533	34,073
21	37	98 330	75 751,204	2 574 314,726	33,984	33,523
22	38	98 241	74 748,129	2 498 563,522	33,426	32,966
23	39	98 139	73 748,799	2 423 815,394	32,866	32,405
24	40	98 035	72 761,502	2 350 066,595	32,298	31,838
25	41	97 921	71 779,723	2 277 305,093	31,726	31,266
26	42	97 800	70 805,388	2 205 525,370	31,149	30,689
27	43	97 672	69 840,110	2 134 719,982	30,566	30,105
28	44	97 533	68 879,445	2 064 879,872	29,978	29,518
29	45	97 383	67 924,684	1 996 000,427	29,385	28,925
30	46	97 219	66 973,140	1 928 075,743	28,789	28,328
31	47	97 040	66 024,263	1 861 102,604	28,188	27,728
32	48	96 834	65 070,847	1 795 078,340	27,587	27,126
33	49	96 611	64 119,753	1 730 007,493	26,981	26,520
34	50	96 368	63 168,550	1 665 887,740	26,372	25,912
35	51	96 100	62 215,603	1 602 719,190	25,761	25,300
36	52	95 803	61 257,356	1 540 503,587	25,148	24,688
37	53	95 483	60 298,994	1 479 246,231	24,532	24,071
38	54	95 133	59 336,143	1 418 947,236	23,914	23,453
39	55	94 747	58 365,903	1 359 611,094	23,295	22,834
40	56	94 330	57 391,630	1 301 245,191	22,673	22,213
41	57	93 871	56 406,985	1 243 853,561	22,051	21,591
42	58	93 372	55 414,696	1 187 446,575	21,428	20,968
43	59	92 822	54 407,981	1 132 031,880	20,806	20,346
44	60	92 222	53 389,155	1 077 623,899	20,184	19,724
45	61	91 560	52 351,591	1 024 234,744	19,565	19,104
46	62	90 862	51 310,870	971 883,153	18,941	18,481
47	63	90 112	50 259,408	920 572,283	18,316	17,856
48	64	89 296	49 189,502	870 312,874	17,693	17,233
49	65	88 399	48 093,882	821 123,373	17,073	16,613
50	66	87 415	46 971,272	773 029,490	16,457	15,997
51	67	86 346	45 824,365	726 058,218	15,844	15,384
52	68	85 179	44 646,828	680 233,853	15,236	14,775
53	69	83 936	43 452,060	635 587,026	14,627	14,167
54	70	82 584	42 224,554	592 134,965	14,023	13,563
55	71	81 123	40 965,542	549 910,411	13,424	12,963
56	72	79 545	39 672,595	508 944,869	12,829	12,368
57	73	77 863	38 354,434	469 272,274	12,235	11,775
58	74	76 080	37 013,207	430 917,840	11,642	11,182
59	75	74 147	35 627,561	393 904,632	11,056	10,596
60	76	72 060	34 197,477	358 277,071	10,477	10,016
61	77	69 780	32 706,367	324 079,594	9,909	9,448
62	78	67 325	31 166,458	291 373,227	9,349	8,889
63	79	64 640	29 553,922	260 206,769	8,804	8,344
64	80	61 695	27 859,174	230 652,847	8,279	7,819
65	81	58 478	26 080,686	202 793,673	7,776	7,315
66	82	55 043	24 245,317	176 712,987	7,289	6,828
67	83	51 417	22 368,804	152 467,670	6,816	6,356
68	84	47 561	20 435,852	130 098,866	6,366	5,906
69	85	43 535	18 474,679	109 663,014	5,936	5,475
70	86	39 344	16 490,128	91 188,335	5,530	5,069
71	87	35 043	14 506,100	74 698,207	5,149	4,689
72	88	30 729	12 563,171	60 192,107	4,791	4,331
73	89	26 489	10 696,112	47 628,936	4,453	3,993
74	90	22 370	8 921,245	36 932,824	4,140	3,679
75	91	18 471	7 275,489	28 011,578	3,850	3,390
76	92	14 857	5 779,630	20 736,090	3,588	3,127
77	93	11 616	4 463,071	14 956,459	3,351	2,891
78	94	8 807	3 342,023	10 493,388	3,140	2,679
79	95	6 424	2 407,775	7 151,365	2,970	2,510
80	96	4 572	1 692,477	4 743,591	2,803	2,342
81	97	3 144	1 149,575	3 051,114	2,654	2,194
82	98	2 122	766,207	1 901,539	2,482	2,021
83	99	1 365	486,803	1 135,332	2,332	1,872
84	100	836	294,582	648,529	2,202	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	4 379 517,530	43,998	43,537
1	18	99 172	97 947,639	4 279 977,997	43,697	43,236
2	19	99 125	96 692,362	4 182 030,359	43,251	42,790
3	20	99 090	95 465,304	4 085 337,997	42,794	42,334
4	21	99 059	94 257,124	3 989 872,693	42,330	41,869
5	22	99 031	93 067,248	3 895 615,569	41,858	41,398
6	23	99 005	91 893,703	3 802 548,321	41,380	40,919
7	24	98 973	90 730,109	3 710 654,618	40,898	40,437
8	25	98 948	89 587,246	3 619 924,508	40,407	39,946
9	26	98 921	88 457,525	3 530 337,263	39,910	39,450
10	27	98 894	87 341,434	3 441 879,737	39,407	38,947
11	28	98 865	86 237,670	3 354 538,303	38,899	38,438
12	29	98 831	85 144,161	3 268 300,633	38,385	37,925
13	30	98 798	84 064,650	3 183 156,472	37,866	37,405
14	31	98 759	82 994,223	3 099 091,822	37,341	36,881
15	32	98 716	81 933,542	3 016 097,599	36,812	36,351
16	33	98 667	80 881,775	2 934 164,057	36,277	35,817
17	34	98 606	79 834,224	2 853 282,282	35,740	35,280
18	35	98 539	78 794,667	2 773 448,058	35,198	34,738
19	36	98 461	77 760,751	2 694 653,391	34,653	34,193
20	37	98 374	76 732,680	2 616 892,640	34,104	33,644
21	38	98 285	75 716,341	2 540 159,959	33,548	33,088
22	39	98 183	74 704,352	2 464 443,618	32,989	32,529
23	40	98 080	73 704,867	2 389 739,267	32,423	31,963
24	41	97 969	72 712,119	2 316 034,400	31,852	31,392
25	42	97 847	71 724,965	2 243 322,281	31,277	30,816
26	43	97 718	70 746,633	2 171 597,316	30,695	30,235
27	44	97 584	69 777,259	2 100 850,683	30,108	29,648
28	45	97 433	68 809,185	2 031 073,424	29,517	29,057
29	46	97 275	67 849,154	1 962 264,240	28,921	28,461
30	47	97 096	66 888,102	1 894 415,085	28,322	27,862
31	48	96 901	65 929,615	1 827 526,983	27,719	27,259
32	49	96 679	64 966,761	1 761 597,369	27,115	26,655
33	50	96 436	64 003,604	1 696 630,607	26,508	26,048
34	51	96 178	63 044,066	1 632 627,004	25,897	25,436
35	52	95 888	62 078,183	1 569 582,938	25,284	24,824
36	53	95 568	61 106,951	1 507 504,755	24,670	24,210
37	54	95 222	60 134,189	1 446 397,804	24,053	23,592
38	55	94 847	59 157,562	1 386 263,615	23,433	22,973
39	56	94 433	58 172,514	1 327 106,053	22,813	22,353
40	57	93 989	57 183,936	1 268 933,539	22,190	21,730
41	58	93 496	56 181,793	1 211 749,603	21,568	21,108
42	59	92 960	55 170,286	1 155 567,810	20,945	20,485
43	60	92 373	54 145,190	1 100 397,524	20,323	19,863
44	61	91 725	53 101,333	1 046 252,334	19,703	19,243
45	62	91 048	52 058,678	993 151,001	19,078	18,617
46	63	90 310	50 999,073	941 092,323	18,453	17,993
47	64	89 519	49 928,479	890 093,250	17,827	17,367
48	65	88 646	48 831,040	840 164,770	17,206	16,745
49	66	87 691	47 708,547	791 333,730	16,587	16,126
50	67	86 651	46 560,959	743 625,184	15,971	15,511
51	68	85 509	45 380,125	697 064,225	15,361	14,900
52	69	84 309	44 190,770	651 684,100	14,747	14,287
53	70	82 998	42 966,606	607 493,331	14,139	13,678
54	71	81 578	41 710,110	564 526,725	13,535	13,074
55	72	80 037	40 416,999	522 816,615	12,936	12,475
56	73	78 399	39 100,940	482 399,616	12,337	11,877
57	74	76 658	37 760,602	443 298,676	11,740	11,279
58	75	74 778	36 379,970	405 538,074	11,147	10,687
59	76	72 733	34 948,232	369 158,104	10,563	10,103
60	77	70 487	33 451,080	334 209,872	9,991	9,531
61	78	68 073	31 906,635	300 758,792	9,426	8,966
62	79	65 434	30 290,673	268 852,158	8,876	8,415
63	80	62 512	28 580,910	238 561,485	8,347	7,886
64	81	59 325	26 789,160	209 980,575	7,838	7,378
65	82	55 902	24 931,504	183 191,415	7,348	6,887
66	83	52 272	23 024,770	158 259,911	6,873	6,413
67	84	48 431	21 069,581	135 235,141	6,419	5,958
68	85	44 364	19 062,135	114 165,560	5,989	5,529
69	86	40 173	17 048,040	95 103,425	5,579	5,118
70	87	35 846	15 024,029	78 055,385	5,195	4,735
71	88	31 497	13 038,227	63 031,356	4,834	4,374
72	89	27 200	11 120,604	49 993,129	4,496	4,035
73	90	23 021	9 295,797	38 872,525	4,182	3,721
74	91	19 060	7 601,464	29 576,728	3,891	3,431
75	92	15 380	6 058,045	21 975,264	3,627	3,167
76	93	12 070	4 695,612	15 917,219	3,390	2,929
77	94	9 186	3 529,404	11 221,607	3,179	2,719
78	95	6 736	2 556,071	7 692,203	3,009	2,549
79	96	4 824	1 808,159	5 136,132	2,841	2,380
80	97	3 340	1 236,378	3 327,974	2,692	2,231
81	98	2 273	831,079	2 091,595	2,517	2,056
82	99	1 475	532,720	1 260,517	2,366	1,906
83	100	914	325,901	727,796	2,233	1,773

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	4 343 832,232	43,646	43,185
1	19	99 152	97 927,692	4 244 307,273	43,341	42,881
2	20	99 106	96 673,698	4 146 379,581	42,890	42,430
3	21	99 072	95 447,627	4 049 705,883	42,429	41,968
4	22	99 043	94 241,519	3 954 258,256	41,959	41,498
5	23	99 014	93 051,143	3 860 016,737	41,483	41,022
6	24	98 983	91 873,764	3 766 965,594	41,002	40,541
7	25	98 956	90 714,724	3 675 091,830	40,513	40,052
8	26	98 929	89 570,541	3 584 377,106	40,017	39,557
9	27	98 902	88 440,314	3 494 806,565	39,516	39,056
10	28	98 873	87 322,356	3 406 366,251	39,009	38,549
11	29	98 840	86 216,163	3 319 043,894	38,497	38,036
12	30	98 806	85 122,128	3 232 827,732	37,979	37,518
13	31	98 769	84 039,688	3 147 705,604	37,455	36,995
14	32	98 728	82 967,732	3 063 665,916	36,926	36,466
15	33	98 682	81 905,107	2 980 698,184	36,392	35,932
16	34	98 632	80 852,977	2 898 793,077	35,853	35,392
17	35	98 568	79 803,000	2 817 940,100	35,311	34,851
18	36	98 499	78 762,954	2 738 137,100	34,764	34,304
19	37	98 415	77 724,293	2 659 374,146	34,215	33,755
20	38	98 329	76 697,366	2 581 649,853	33,660	33,200
21	39	98 227	75 671,997	2 504 952,487	33,103	32,642
22	40	98 125	74 659,850	2 429 280,490	32,538	32,078
23	41	98 014	73 654,843	2 354 620,640	31,968	31,508
24	42	97 894	72 656,649	2 280 965,797	31,394	30,933
25	43	97 765	71 665,447	2 208 309,147	30,814	30,354
26	44	97 631	70 682,966	2 136 643,701	30,229	29,768
27	45	97 485	69 706,083	2 065 960,735	29,638	29,178
28	46	97 325	68 732,672	1 996 254,651	29,044	28,583
29	47	97 151	67 763,004	1 927 521,979	28,445	27,985
30	48	96 956	66 792,215	1 859 758,975	27,844	27,384
31	49	96 746	65 824,155	1 792 966,760	27,239	26,778
32	50	96 504	64 849,077	1 727 142,605	26,633	26,173
33	51	96 246	63 877,474	1 662 293,527	26,023	25,563
34	52	95 965	62 904,815	1 598 416,054	25,410	24,950
35	53	95 653	61 925,762	1 535 511,238	24,796	24,336
36	54	95 307	60 939,937	1 473 585,476	24,181	23,721
37	55	94 935	59 953,207	1 412 645,539	23,562	23,102
38	56	94 532	58 961,550	1 352 692,332	22,942	22,482
39	57	94 091	57 961,994	1 293 730,782	22,320	21,860
40	58	93 613	56 955,642	1 235 768,788	21,697	21,237
41	59	93 083	55 934,000	1 178 813,146	21,075	20,615
42	60	92 511	54 903,813	1 122 879,146	20,452	19,991
43	61	91 875	53 853,292	1 067 975,333	19,831	19,371
44	62	91 212	52 804,225	1 014 122,040	19,205	18,745
45	63	90 495	51 742,337	961 317,815	18,579	18,119
46	64	89 715	50 663,274	909 575,478	17,953	17,493
47	65	88 867	49 564,633	858 912,204	17,329	16,869
48	66	87 935	48 439,798	809 347,572	16,708	16,248
49	67	86 925	47 291,792	760 907,773	16,090	15,629
50	68	85 811	46 109,578	713 615,981	15,477	15,016
51	69	84 636	44 916,577	667 506,403	14,861	14,401
52	70	83 367	43 697,062	622 589,827	14,248	13,787
53	71	81 987	42 443,121	578 892,765	13,639	13,179
54	72	80 486	41 151,597	536 449,644	13,036	12,576
55	73	78 884	39 834,617	495 298,047	12,434	11,973
56	74	77 185	38 495,550	455 463,430	11,832	11,371
57	75	75 346	37 114,578	416 967,881	11,235	10,774
58	76	73 352	35 686,294	379 853,303	10,644	10,184
59	77	71 146	34 185,449	344 167,009	10,068	9,607
60	78	68 764	32 633,138	309 981,560	9,499	9,039
61	79	66 161	31 010,051	277 348,422	8,944	8,483
62	80	63 279	29 293,404	246 338,371	8,409	7,949
63	81	60 111	27 483,175	217 044,967	7,897	7,437
64	82	56 711	25 608,761	189 561,792	7,402	6,942
65	83	53 088	23 676,413	163 953,031	6,925	6,464
66	84	49 236	21 687,447	140 276,618	6,468	6,008
67	85	45 175	19 653,264	118 589,171	6,034	5,574
68	86	40 938	17 590,132	98 935,907	5,625	5,164
69	87	36 601	15 532,339	81 345,775	5,237	4,777
70	88	32 219	13 503,747	65 813,436	4,874	4,413
71	89	27 880	11 541,112	52 309,689	4,532	4,072
72	90	23 639	9 664,715	40 768,578	4,218	3,758
73	91	19 615	7 920,606	31 103,862	3,927	3,467
74	92	15 871	6 329,473	23 183,257	3,663	3,202
75	93	12 495	4 921,808	16 853,784	3,424	2,964
76	94	9 545	3 713,298	11 931,976	3,213	2,753
77	95	7 026	2 699,385	8 218,678	3,045	2,584
78	96	5 058	1 919,524	5 519,294	2,875	2,415
79	97	3 524	1 320,886	3 599,770	2,725	2,265
80	98	2 415	893,833	2 278,884	2,550	2,089
81	99	1 580	577,824	1 385,051	2,397	1,937
82	100	988	356,642	807,227	2,263	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	4 307 086,407	43,285	42,825
1	20	99 133	97 908,790	4 207 581,715	42,975	42,514
2	21	99 087	96 655,797	4 109 672,925	42,519	42,058
3	22	99 055	95 431,825	4 013 017,128	42,051	41,591
4	23	99 026	94 225,211	3 917 585,304	41,577	41,116
5	24	98 993	93 030,952	3 823 360,093	41,098	40,637
6	25	98 966	91 858,184	3 730 329,141	40,610	40,149
7	26	98 938	90 697,810	3 638 470,956	40,116	39,656
8	27	98 910	89 553,113	3 547 773,146	39,616	39,156
9	28	98 881	88 420,996	3 458 220,033	39,111	38,650
10	29	98 848	87 300,579	3 369 799,037	38,600	38,140
11	30	98 815	86 193,852	3 282 498,458	38,083	37,622
12	31	98 777	85 096,852	3 196 304,607	37,561	37,100
13	32	98 737	84 012,863	3 111 207,755	37,033	36,572
14	33	98 694	82 938,938	3 027 194,892	36,499	36,039
15	34	98 647	81 875,945	2 944 255,954	35,960	35,500
16	35	98 593	80 821,354	2 862 380,008	35,416	34,956
17	36	98 528	79 770,881	2 781 558,654	34,869	34,409
18	37	98 453	78 726,026	2 701 787,774	34,319	33,858
19	38	98 370	77 688,522	2 623 061,748	33,764	33,303
20	39	98 271	76 652,447	2 545 373,225	33,207	32,746
21	40	98 168	75 626,919	2 468 720,778	32,643	32,183
22	41	98 058	74 609,179	2 393 093,859	32,075	31,615
23	42	97 939	73 598,655	2 318 484,680	31,502	31,041
24	43	97 813	72 596,358	2 244 886,025	30,923	30,462
25	44	97 678	71 600,953	2 172 289,667	30,339	29,878
26	45	97 531	70 610,866	2 100 688,714	29,750	29,290
27	46	97 376	69 628,573	2 030 077,848	29,156	28,695
28	47	97 201	68 645,400	1 960 449,275	28,559	28,099
29	48	97 012	67 665,863	1 891 803,875	27,958	27,498
30	49	96 801	66 685,376	1 824 138,012	27,354	26,894
31	50	96 570	65 704,918	1 757 452,636	26,748	26,287
32	51	96 314	64 721,281	1 691 747,718	26,139	25,679
33	52	96 034	63 736,383	1 627 026,436	25,527	25,067
34	53	95 730	62 750,365	1 563 290,053	24,913	24,452
35	54	95 391	61 756,510	1 500 539,688	24,298	23,837
36	55	95 020	60 756,530	1 438 783,178	23,681	23,221
37	56	94 621	59 754,558	1 378 026,648	23,061	22,601
38	57	94 190	58 748,175	1 318 272,090	22,439	21,979
39	58	93 716	57 730,594	1 259 523,915	21,817	21,357
40	59	93 201	56 704,436	1 201 793,321	21,194	20,734
41	60	92 634	55 663,839	1 145 088,885	20,572	20,111
42	61	92 012	54 607,826	1 089 425,046	19,950	19,490
43	62	91 361	53 551,977	1 034 817,221	19,324	18,863
44	63	90 657	52 483,353	981 265,243	18,697	18,236
45	64	89 899	51 401,644	928 781,890	18,069	17,609
46	65	89 061	50 294,073	877 380,246	17,445	16,985
47	66	88 155	49 167,513	827 086,173	16,822	16,361
48	67	87 167	48 016,656	777 918,660	16,201	15,741
49	68	86 082	46 833,327	729 902,004	15,585	15,125
50	69	84 934	45 638,578	683 068,678	14,967	14,507
51	70	83 690	44 414,760	637 430,099	14,352	13,891
52	71	82 351	43 164,678	593 015,339	13,738	13,278
53	72	80 889	41 874,792	549 850,662	13,131	12,670
54	73	79 326	40 558,630	507 975,870	12,524	12,064
55	74	77 662	39 217,867	467 417,240	11,918	11,458
56	75	75 864	37 836,952	428 199,373	11,317	10,857
57	76	73 910	36 406,895	390 362,421	10,722	10,262
58	77	71 751	34 907,402	353 955,526	10,140	9,679
59	78	69 406	33 349,550	319 048,124	9,567	9,106
60	79	66 832	31 716,139	285 698,574	9,008	8,548
61	80	63 982	29 989,098	253 982,434	8,469	8,009
62	81	60 849	28 168,304	223 993,337	7,952	7,492
63	82	57 462	26 272,195	195 825,033	7,454	6,993
64	83	53 856	24 319,576	169 552,837	6,972	6,511
65	84	50 004	22 301,242	145 233,262	6,512	6,052
66	85	45 926	20 229,597	122 932,020	6,077	5,616
67	86	41 687	18 135,613	102 702,423	5,663	5,203
68	87	37 299	16 026,234	84 566,810	5,277	4,816
69	88	32 897	13 960,621	68 540,576	4,910	4,449
70	89	28 519	11 953,178	54 579,955	4,566	4,106
71	90	24 230	10 030,171	42 626,777	4,250	3,789
72	91	20 142	8 234,947	32 596,606	3,958	3,498
73	92	16 333	6 595,211	24 361,659	3,694	3,233
74	93	12 894	5 142,327	17 766,448	3,455	2,995
75	94	9 881	3 892,174	12 624,121	3,243	2,783
76	95	7 300	2 840,032	8 731,947	3,075	2,614
77	96	5 276	2 027,148	5 891,915	2,907	2,446
78	97	3 695	1 402,240	3 864,767	2,756	2,296
79	98	2 548	954,927	2 462,527	2,579	2,118
80	99	1 679	621,455	1 507,600	2,426	1,966
81	100	1 058	386,837	886,145	2,291	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	4 269 303,589	42,914	42,453
1	21	99 114	97 890,660	4 169 818,104	42,597	42,136
2	22	99 071	96 639,795	4 071 927,444	42,135	41,675
3	23	99 038	95 415,310	3 975 287,649	41,663	41,203
4	24	99 004	94 204,765	3 879 872,338	41,186	40,725
5	25	98 976	93 015,177	3 785 667,573	40,699	40,239
6	26	98 948	91 841,057	3 692 652,396	40,207	39,747
7	27	98 918	90 680,162	3 600 811,339	39,709	39,249
8	28	98 889	89 533,552	3 510 131,177	39,205	38,744
9	29	98 856	88 398,944	3 420 597,625	38,695	38,235
10	30	98 822	87 277,987	3 332 198,680	38,179	37,719
11	31	98 785	86 168,258	3 244 920,693	37,658	37,198
12	32	98 745	85 069,690	3 158 752,436	37,131	36,671
13	33	98 703	83 983,706	3 073 682,746	36,599	36,138
14	34	98 658	82 909,408	2 989 699,040	36,060	35,599
15	35	98 608	81 843,922	2 906 789,631	35,516	35,056
16	36	98 553	80 788,825	2 824 945,709	34,967	34,507
17	37	98 482	79 733,480	2 744 156,884	34,417	33,956
18	38	98 408	78 689,795	2 664 423,404	33,860	33,399
19	39	98 312	77 643,023	2 585 733,609	33,303	32,842
20	40	98 213	76 606,785	2 508 090,586	32,740	32,279
21	41	98 102	75 575,591	2 431 483,801	32,173	31,712
22	42	97 983	74 552,262	2 355 908,210	31,601	31,140
23	43	97 858	73 537,582	2 281 355,947	31,023	30,563
24	44	97 725	72 531,026	2 207 818,366	30,440	29,979
25	45	97 578	71 527,917	2 135 287,339	29,853	29,392
26	46	97 422	70 532,350	2 063 759,422	29,260	28,799
27	47	97 253	69 540,164	1 993 227,072	28,663	28,203
28	48	97 062	68 546,994	1 923 686,908	28,064	27,603
29	49	96 857	67 557,626	1 855 139,914	27,460	27,000
30	50	96 626	66 564,579	1 787 582,288	26,855	26,394
31	51	96 380	65 575,436	1 721 017,709	26,245	25,784
32	52	96 101	64 578,326	1 655 442,274	25,635	25,174
33	53	95 798	63 579,891	1 590 863,947	25,021	24,561
34	54	95 468	62 578,860	1 527 284,057	24,406	23,945
35	55	95 104	61 570,646	1 464 705,197	23,789	23,329
36	56	94 705	60 555,220	1 403 134,551	23,171	22,711
37	57	94 279	59 538,313	1 342 579,331	22,550	22,089
38	58	93 814	58 513,636	1 283 041,018	21,927	21,467
39	59	93 302	57 475,970	1 224 527,382	21,305	20,845
40	60	92 750	56 430,553	1 167 051,412	20,681	20,221
41	61	92 134	55 363,754	1 110 620,859	20,060	19,600
42	62	91 498	54 302,289	1 055 257,105	19,433	18,973
43	63	90 806	53 226,562	1 000 954,816	18,806	18,345
44	64	90 060	52 137,781	947 728,255	18,177	17,717
45	65	89 244	51 027,062	895 590,473	17,551	17,091
46	66	88 348	49 891,108	844 563,411	16,928	16,468
47	67	87 384	48 738,014	794 672,303	16,305	15,845
48	68	86 322	47 551,163	745 934,289	15,687	15,227
49	69	85 203	46 354,934	698 383,126	15,066	14,606
50	70	83 986	45 128,695	652 028,192	14,448	13,988
51	71	82 670	43 873,632	606 899,496	13,833	13,373
52	72	81 249	42 586,687	563 025,865	13,221	12,760
53	73	79 723	41 271,405	520 439,177	12,610	12,150
54	74	78 098	39 930,670	479 167,773	12,000	11,540
55	75	76 334	38 546,912	439 237,103	11,395	10,934
56	76	74 418	37 115,495	400 690,191	10,796	10,335
57	77	72 296	35 612,275	363 574,696	10,209	9,749
58	78	69 997	34 053,851	327 962,421	9,631	9,170
59	79	67 456	32 412,420	293 908,571	9,068	8,607
60	80	64 631	30 671,939	261 496,151	8,526	8,065
61	81	61 525	28 837,277	230 824,211	8,004	7,544
62	82	58 168	26 927,136	201 986,934	7,501	7,041
63	83	54 570	24 949,612	175 059,798	7,017	6,556
64	84	50 728	22 907,049	150 110,186	6,553	6,093
65	85	46 643	20 802,132	127 203,137	6,115	5,655
66	86	42 380	18 667,440	106 401,006	5,700	5,239
67	87	37 981	16 523,218	87 733,565	5,310	4,849
68	88	33 524	14 404,539	71 210,348	4,944	4,483
69	89	29 120	12 357,591	56 805,809	4,597	4,136
70	90	24 785	10 388,291	44 448,217	4,279	3,818
71	91	20 646	8 546,338	34 059,927	3,985	3,525
72	92	16 772	6 856,952	25 513,588	3,721	3,260
73	93	13 270	5 358,224	18 656,636	3,482	3,021
74	94	10 197	4 066,561	13 298,412	3,270	2,810
75	95	7 558	2 976,841	9 231,851	3,101	2,641
76	96	5 482	2 132,769	6 255,010	2,933	2,472
77	97	3 854	1 480,861	4 122,241	2,784	2,323
78	98	2 671	1 013,741	2 641,380	2,606	2,145
79	99	1 771	663,932	1 627,639	2,452	1,991
80	100	1 124	416,047	963,707	2,316	1,856

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	4 230 499,729	42,532	42,071
1	22	99 098	97 874,454	4 131 032,667	42,207	41,747
2	23	99 054	96 623,072	4 033 158,213	41,741	41,281
3	24	99 017	95 394,607	3 936 535,141	41,266	40,805
4	25	98 987	94 188,791	3 841 140,534	40,781	40,321
5	26	98 957	92 997,833	3 746 951,743	40,291	39,830
6	27	98 929	91 823,187	3 653 953,910	39,793	39,333
7	28	98 897	90 660,355	3 562 130,723	39,291	38,831
8	29	98 864	89 511,223	3 471 470,368	38,783	38,322
9	30	98 830	88 376,069	3 381 959,145	38,268	37,807
10	31	98 793	87 252,071	3 293 583,076	37,748	37,288
11	32	98 754	86 140,753	3 206 331,005	37,222	36,762
12	33	98 711	85 040,166	3 120 190,252	36,691	36,230
13	34	98 668	83 953,804	3 035 150,085	36,153	35,692
14	35	98 620	82 876,981	2 951 196,281	35,609	35,149
15	36	98 568	81 810,982	2 868 319,300	35,060	34,600
16	37	98 507	80 750,947	2 786 508,318	34,507	34,047
17	38	98 437	79 696,785	2 705 757,371	33,951	33,490
18	39	98 350	78 643,709	2 626 060,586	33,392	32,931
19	40	98 254	77 596,771	2 547 416,877	32,829	32,369
20	41	98 146	76 554,792	2 469 820,106	32,262	31,802
21	42	98 027	75 517,937	2 393 265,314	31,691	31,231
22	43	97 902	74 490,398	2 317 747,376	31,115	30,654
23	44	97 770	73 471,403	2 243 256,978	30,532	30,072
24	45	97 625	72 457,042	2 169 785,575	29,946	29,485
25	46	97 469	71 448,381	2 097 328,533	29,354	28,894
26	47	97 299	70 442,793	2 025 880,152	28,759	28,299
27	48	97 113	69 440,475	1 955 437,359	28,160	27,700
28	49	96 907	68 437,348	1 885 996,884	27,558	27,098
29	50	96 681	67 435,249	1 817 559,536	26,953	26,492
30	51	96 436	66 433,402	1 750 124,287	26,344	25,884
31	52	96 167	65 430,594	1 683 690,885	25,732	25,272
32	53	95 865	64 419,767	1 618 260,291	25,121	24,660
33	54	95 536	63 406,118	1 553 840,524	24,506	24,046
34	55	95 181	62 390,520	1 490 434,406	23,889	23,428
35	56	94 789	61 366,638	1 428 043,886	23,271	22,810
36	57	94 362	60 336,077	1 366 677,248	22,651	22,191
37	58	93 902	59 300,620	1 306 341,170	22,029	21,569
38	59	93 400	58 255,558	1 247 040,550	21,406	20,946
39	60	92 852	57 198,361	1 188 784,992	20,784	20,323
40	61	92 250	56 126,335	1 131 586,631	20,161	19,701
41	62	91 619	55 053,988	1 075 460,297	19,535	19,074
42	63	90 942	53 972,314	1 020 406,309	18,906	18,446
43	64	90 208	52 876,096	966 433,995	18,277	17,817
44	65	89 404	51 757,835	913 557,899	17,651	17,190
45	66	88 529	50 618,225	861 800,064	17,025	16,565
46	67	87 576	49 455,289	811 181,839	16,402	15,942
47	68	86 537	48 265,528	761 726,551	15,782	15,322
48	69	85 440	47 065,438	713 461,023	15,159	14,699
49	70	84 251	45 837,048	666 395,585	14,538	14,078
50	71	82 962	44 578,869	620 558,537	13,920	13,460
51	72	81 563	43 286,148	575 979,668	13,306	12,846
52	73	80 078	41 973,042	532 693,520	12,691	12,231
53	74	78 489	40 632,409	490 720,478	12,077	11,617
54	75	76 762	39 247,520	450 088,069	11,468	11,008
55	76	74 878	37 811,917	410 840,549	10,865	10,405
56	77	72 794	36 305,409	373 028,632	10,275	9,814
57	78	70 529	34 741,488	336 723,223	9,692	9,232
58	79	68 030	33 096,929	301 981,735	9,124	8,664
59	80	65 235	31 345,296	268 884,806	8,578	8,118
60	81	62 149	29 493,893	237 539,510	8,054	7,593
61	82	58 814	27 566,633	208 045,617	7,547	7,087
62	83	55 239	25 571,582	180 478,985	7,058	6,597
63	84	51 400	23 500,491	154 907,403	6,592	6,131
64	85	47 318	21 367,215	131 406,911	6,150	5,690
65	86	43 041	19 195,763	110 039,696	5,732	5,272
66	87	38 612	17 007,762	90 843,933	5,341	4,881
67	88	34 137	14 851,233	73 836,171	4,972	4,511
68	89	29 675	12 750,537	58 984,938	4,626	4,166
69	90	25 308	10 739,759	46 234,401	4,305	3,845
70	91	21 119	8 851,479	35 494,643	4,010	3,550
71	92	17 191	7 116,237	26 643,164	3,744	3,284
72	93	13 626	5 570,873	19 526,927	3,505	3,045
73	94	10 494	4 237,292	13 956,054	3,294	2,833
74	95	7 799	3 110,217	9 718,761	3,125	2,664
75	96	5 675	2 235,508	6 608,544	2,956	2,496
76	97	4 005	1 558,019	4 373,036	2,807	2,346
77	98	2 786	1 070,580	2 815,017	2,629	2,169
78	99	1 857	704,824	1 744,437	2,475	2,015
79	100	1 186	444,484	1 039,614	2,339	1,879

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	4 190 690,247	42,138	41,678
1	23	99 081	97 857,517	4 091 239,652	41,808	41,348
2	24	99 032	96 602,106	3 993 382,135	41,338	40,878
3	25	99 000	95 378,431	3 896 780,029	40,856	40,396
4	26	98 969	94 171,228	3 801 401,598	40,367	39,907
5	27	98 938	92 979,739	3 707 230,369	39,871	39,411
6	28	98 907	91 803,130	3 614 250,631	39,370	38,909
7	29	98 872	90 637,745	3 522 447,501	38,863	38,403
8	30	98 838	89 488,059	3 431 809,756	38,349	37,889
9	31	98 801	88 349,827	3 342 321,696	37,831	37,370
10	32	98 761	87 224,221	3 253 971,870	37,306	36,845
11	33	98 720	86 110,858	3 166 747,649	36,775	36,315
12	34	98 676	85 009,888	3 080 636,790	36,239	35,778
13	35	98 629	83 920,969	2 995 626,902	35,696	35,235
14	36	98 580	82 843,624	2 911 705,934	35,147	34,687
15	37	98 522	81 772,625	2 828 862,309	34,594	34,134
16	38	98 462	80 713,784	2 747 089,685	34,035	33,575
17	39	98 379	79 650,110	2 666 375,901	33,476	33,016
18	40	98 291	78 596,861	2 586 725,791	32,911	32,451
19	41	98 187	77 544,106	2 508 128,930	32,345	31,884
20	42	98 071	76 496,392	2 430 584,824	31,774	31,313
21	43	97 946	75 455,272	2 354 088,432	31,198	30,738
22	44	97 814	74 423,362	2 278 633,160	30,617	30,157
23	45	97 670	73 396,459	2 204 209,799	30,032	29,571
24	46	97 517	72 376,473	2 130 813,339	29,441	28,980
25	47	97 346	71 357,661	2 058 436,866	28,847	28,386
26	48	97 159	70 341,810	1 987 079,206	28,249	27,789
27	49	96 958	69 329,400	1 916 737,395	27,647	27,186
28	50	96 731	68 313,377	1 847 407,996	27,043	26,583
29	51	96 491	67 302,357	1 779 094,619	26,434	25,974
30	52	96 223	66 286,665	1 711 792,262	25,824	25,364
31	53	95 931	65 269,942	1 645 505,597	25,211	24,750
32	54	95 603	64 243,699	1 580 235,654	24,598	24,137
33	55	95 249	63 215,289	1 515 991,955	23,981	23,521
34	56	94 866	62 183,796	1 452 776,667	23,363	22,902
35	57	94 446	61 144,559	1 390 592,871	22,743	22,282
36	58	93 986	60 095,199	1 329 448,312	22,122	21,662
37	59	93 488	59 039,071	1 269 353,113	21,500	21,040
38	60	92 949	57 974,184	1 210 314,041	20,877	20,416
39	61	92 351	56 890,003	1 152 339,858	20,256	19,795
40	62	91 734	55 812,302	1 095 449,855	19,627	19,167
41	63	91 062	54 719,445	1 039 637,553	18,999	18,539
42	64	90 343	53 616,938	984 918,108	18,370	17,909
43	65	89 551	52 490,769	931 301,170	17,742	17,282
44	66	88 688	51 343,143	878 810,401	17,116	16,656
45	67	87 755	50 176,053	827 467,258	16,491	16,031
46	68	86 727	48 975,849	777 291,205	15,871	15,411
47	69	85 653	47 772,506	728 315,356	15,245	14,785
48	70	84 486	46 539,614	680 542,850	14,623	14,162
49	71	83 224	45 278,591	634 003,236	14,002	13,542
50	72	81 851	43 981,942	588 724,645	13,386	12,925
51	73	80 388	42 662,424	544 742,703	12,769	12,308
52	74	78 838	41 323,183	502 080,279	12,150	11,690
53	75	77 146	39 937,253	460 757,096	11,537	11,077
54	76	75 298	38 499,167	420 819,843	10,931	10,470
55	77	73 244	36 986,631	382 320,676	10,337	9,876
56	78	71 014	35 417,673	345 334,045	9,750	9,290
57	79	68 547	33 765,244	309 916,371	9,179	8,718
58	80	65 790	32 007,269	276 151,128	8,628	8,167
59	81	62 729	30 141,387	244 143,858	8,100	7,640
60	82	59 411	28 194,316	214 002,471	7,590	7,130
61	83	55 853	26 178,885	185 808,156	7,098	6,637
62	84	52 031	24 086,336	159 629,270	6,627	6,167
63	85	47 945	21 920,766	135 542,934	6,183	5,723
64	86	43 664	19 717,211	113 622,168	5,763	5,302
65	87	39 214	17 489,113	93 904,958	5,369	4,909
66	88	34 705	15 286,746	76 415,845	4,999	4,538
67	89	30 218	13 145,939	61 129,099	4,650	4,190
68	90	25 790	11 081,261	47 983,160	4,330	3,870
69	91	21 564	9 150,952	36 901,900	4,033	3,572
70	92	17 585	7 370,317	27 750,948	3,765	3,305
71	93	13 967	5 781,527	20 380,631	3,525	3,065
72	94	10 775	4 405,456	14 599,105	3,314	2,853
73	95	8 026	3 240,797	10 193,649	3,145	2,685
74	96	5 857	2 335,669	6 952,851	2,977	2,516
75	97	4 146	1 633,071	4 617,182	2,827	2,367
76	98	2 895	1 126,361	2 984,111	2,649	2,189
77	99	1 937	744,342	1 857,750	2,496	2,035
78	100	1 243	471,860	1 113,409	2,360	1,899

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	4 149 888,556	41,735	41,275
1	24	99 059	97 836,283	4 050 455,170	41,400	40,940
2	25	99 015	96 585,725	3 952 618,887	40,923	40,463
3	26	98 982	95 360,646	3 856 033,162	40,436	39,976
4	27	98 950	94 152,905	3 760 672,515	39,942	39,482
5	28	98 916	92 959,429	3 666 519,610	39,442	38,982
6	29	98 882	91 780,235	3 573 560,181	38,936	38,476
7	30	98 847	90 614,290	3 481 779,946	38,424	37,964
8	31	98 809	89 461,487	3 391 165,656	37,906	37,446
9	32	98 769	88 321,626	3 301 704,169	37,383	36,922
10	33	98 727	87 193,950	3 213 382,543	36,853	36,393
11	34	98 684	86 080,199	3 126 188,593	36,317	35,857
12	35	98 637	84 976,639	3 040 108,394	35,776	35,315
13	36	98 590	83 887,192	2 955 131,755	35,227	34,767
14	37	98 534	82 804,783	2 871 244,563	34,675	34,214
15	38	98 477	81 734,991	2 788 439,779	34,116	33,655
16	39	98 404	80 666,513	2 706 704,788	33,554	33,094
17	40	98 320	79 602,662	2 626 038,276	32,989	32,529
18	41	98 225	78 543,517	2 546 435,614	32,421	31,960
19	42	98 112	77 484,951	2 467 892,096	31,850	31,390
20	43	97 990	76 432,914	2 390 407,145	31,275	30,814
21	44	97 858	75 387,367	2 313 974,231	30,694	30,234
22	45	97 714	74 347,447	2 238 586,864	30,110	29,649
23	46	97 561	73 314,846	2 164 239,417	29,520	29,059
24	47	97 393	72 284,574	2 090 924,571	28,926	28,466
25	48	97 206	71 255,367	2 018 639,997	28,330	27,869
26	49	97 004	70 229,293	1 947 384,630	27,729	27,269
27	50	96 782	69 203,813	1 877 155,337	27,125	26,665
28	51	96 541	68 178,754	1 807 951,524	26,518	26,057
29	52	96 278	67 153,701	1 739 772,770	25,907	25,447
30	53	95 986	66 123,912	1 672 619,069	25,295	24,835
31	54	95 669	65 091,550	1 606 495,158	24,681	24,220
32	55	95 315	64 050,349	1 541 403,607	24,065	23,605
33	56	94 933	63 005,832	1 477 353,259	23,448	22,987
34	57	94 522	61 958,760	1 414 347,427	22,827	22,367
35	58	94 069	60 900,453	1 352 388,667	22,207	21,746
36	59	93 571	59 830,146	1 291 488,214	21,586	21,126
37	60	93 036	58 753,912	1 231 658,068	20,963	20,503
38	61	92 448	57 661,644	1 172 904,156	20,341	19,881
39	62	91 834	56 571,697	1 115 242,512	19,714	19,253
40	63	91 177	55 473,151	1 058 670,815	19,084	18,624
41	64	90 463	54 359,149	1 003 197,664	18,455	17,995
42	65	89 684	53 226,212	948 838,514	17,827	17,366
43	66	88 833	52 070,205	895 612,302	17,200	16,740
44	67	87 913	50 894,639	843 542,098	16,574	16,114
45	68	86 904	49 689,626	792 647,459	15,952	15,492
46	69	85 841	48 475,571	742 957,832	15,326	14,866
47	70	84 696	47 238,782	694 482,261	14,702	14,241
48	71	83 457	45 972,598	647 243,479	14,079	13,619
49	72	82 110	44 672,294	601 270,881	13,460	12,999
50	73	80 672	43 348,191	556 598,587	12,840	12,380
51	74	79 144	42 001,892	513 250,395	12,220	11,759
52	75	77 489	40 616,209	471 248,504	11,602	11,142
53	76	75 675	39 175,749	430 632,295	10,992	10,532
54	77	73 654	37 658,881	391 456,546	10,395	9,934
55	78	71 453	36 082,239	353 797,665	9,805	9,345
56	79	69 018	34 422,428	317 715,426	9,230	8,770
57	80	66 290	32 653,581	283 292,998	8,676	8,215
58	81	63 263	30 777,935	250 639,418	8,143	7,683
59	82	59 965	28 813,280	219 861,483	7,631	7,170
60	83	56 420	26 774,970	191 048,203	7,135	6,675
61	84	52 609	24 658,366	164 273,233	6,662	6,202
62	85	48 533	22 467,230	139 614,867	6,214	5,754
63	86	44 243	20 228,016	117 147,637	5,791	5,331
64	87	39 782	17 964,199	96 919,622	5,395	4,935
65	88	35 246	15 719,389	78 955,422	5,023	4,562
66	89	30 720	13 531,444	63 236,033	4,673	4,213
67	90	26 261	11 424,897	49 704,589	4,351	3,890
68	91	21 975	9 441,933	38 279,692	4,054	3,594
69	92	17 955	7 619,677	28 837,759	3,785	3,324
70	93	14 287	5 987,952	21 218,082	3,543	3,083
71	94	11 045	4 572,041	15 230,130	3,331	2,871
72	95	8 241	3 369,413	10 658,089	3,163	2,703
73	96	6 027	2 433,731	7 288,676	2,995	2,534
74	97	4 278	1 706,240	4 854,945	2,845	2,385
75	98	2 997	1 180,619	3 148,705	2,667	2,207
76	99	2 013	783,124	1 968,086	2,513	2,053
77	100	1 297	498,316	1 184,961	2,378	1,918

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	4 108 110,051	41,324	40,864
1	25	99 042	97 819,693	4 008 698,241	40,980	40,520
2	26	98 997	96 567,716	3 910 878,548	40,499	40,038
3	27	98 962	95 342,092	3 814 310,832	40,007	39,546
4	28	98 928	94 132,340	3 718 968,740	39,508	39,047
5	29	98 892	92 936,246	3 624 836,401	39,003	38,543
6	30	98 857	91 756,484	3 531 900,155	38,492	38,032
7	31	98 817	90 587,383	3 440 143,671	37,976	37,516
8	32	98 777	89 432,932	3 349 556,288	37,453	36,993
9	33	98 735	88 290,974	3 260 123,356	36,925	36,464
10	34	98 692	87 162,905	3 171 832,382	36,390	35,929
11	35	98 646	86 046,531	3 084 669,477	35,849	35,388
12	36	98 597	84 942,438	2 998 622,946	35,302	34,841
13	37	98 543	83 847,862	2 913 680,508	34,750	34,289
14	38	98 489	82 766,675	2 829 832,646	34,190	33,730
15	39	98 419	81 687,122	2 747 065,971	33,629	33,169
16	40	98 346	80 618,460	2 665 378,850	33,062	32,601
17	41	98 254	79 548,636	2 584 760,390	32,493	32,032
18	42	98 150	78 483,600	2 505 211,754	31,920	31,460
19	43	98 031	77 420,653	2 426 728,155	31,345	30,884
20	44	97 902	76 364,130	2 349 307,501	30,765	30,304
21	45	97 758	75 310,469	2 272 943,372	30,181	29,721
22	46	97 605	74 264,776	2 197 632,902	29,592	29,131
23	47	97 437	73 221,756	2 123 368,127	28,999	28,539
24	48	97 253	72 180,951	2 050 146,371	28,403	27,942
25	49	97 051	71 141,388	1 977 965,420	27,803	27,343
26	50	96 828	70 102,077	1 906 824,032	27,201	26,740
27	51	96 592	69 067,435	1 836 721,955	26,593	26,133
28	52	96 327	68 028,162	1 767 654,520	25,984	25,524
29	53	96 041	66 988,818	1 699 626,357	25,372	24,911
30	54	95 724	65 943,186	1 632 637,539	24,758	24,298
31	55	95 381	64 895,649	1 566 694,354	24,142	23,681
32	56	94 999	63 838,125	1 501 798,705	23,525	23,065
33	57	94 589	62 777,821	1 437 960,580	22,906	22,445
34	58	94 145	61 711,403	1 375 182,759	22,284	21,824
35	59	93 654	60 631,848	1 313 471,356	21,663	21,203
36	60	93 119	59 541,166	1 252 839,508	21,042	20,581
37	61	92 535	58 437,169	1 193 298,342	20,420	19,960
38	62	91 931	57 339,021	1 134 861,173	19,792	19,332
39	63	91 276	56 227,932	1 077 522,153	19,163	18,703
40	64	90 576	55 107,893	1 021 294,221	18,533	18,072
41	65	89 803	53 963,015	966 186,328	17,905	17,444
42	66	88 966	52 799,755	912 223,313	17,277	16,817
43	67	88 057	51 615,349	859 423,558	16,651	16,190
44	68	87 061	50 401,246	807 808,208	16,028	15,567
45	69	86 017	49 182,057	757 406,963	15,400	14,940
46	70	84 882	47 933,993	708 224,905	14,775	14,315
47	71	83 665	46 663,248	660 290,912	14,150	13,690
48	72	82 339	45 357,008	613 627,665	13,529	13,068
49	73	80 927	44 028,597	568 270,657	12,907	12,446
50	74	79 423	42 677,042	524 242,060	12,284	11,824
51	75	77 790	41 283,306	481 565,018	11,665	11,204
52	76	76 012	39 841,758	440 281,712	11,051	10,590
53	77	74 024	38 320,695	400 439,954	10,450	9,989
54	78	71 853	36 738,051	362 119,258	9,857	9,396
55	79	69 445	35 068,319	325 381,208	9,278	8,818
56	80	66 746	33 289,128	290 312,889	8,721	8,261
57	81	63 744	31 399,423	257 023,760	8,186	7,725
58	82	60 476	29 421,780	225 624,338	7,669	7,208
59	83	56 946	27 362,774	196 202,558	7,170	6,710
60	84	53 143	25 219,829	168 839,783	6,695	6,234
61	85	49 073	23 000,807	143 619,954	6,244	5,784
62	86	44 786	20 732,281	120 619,147	5,818	5,358
63	87	40 309	18 429,590	99 886,867	5,420	4,960
64	88	35 757	16 146,401	81 457,277	5,045	4,585
65	89	31 199	13 914,409	65 310,875	4,694	4,233
66	90	26 698	11 759,933	51 396,467	4,370	3,910
67	91	22 376	9 734,733	39 636,534	4,072	3,611
68	92	18 298	7 861,967	29 901,801	3,803	3,343
69	93	14 588	6 190,543	22 039,834	3,560	3,100
70	94	11 298	4 735,282	15 849,291	3,347	2,887
71	95	8 447	3 496,822	11 114,008	3,178	2,718
72	96	6 189	2 530,317	7 617,186	3,010	2,550
73	97	4 403	1 777,875	5 086,869	2,861	2,401
74	98	3 093	1 233,517	3 308,994	2,683	2,222
75	99	2 084	820,849	2 075,477	2,528	2,068
76	100	1 348	524,280	1 254,629	2,393	1,933

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	4 065 373,168	40,901	40,441
1	26	99 024	97 801,454	3 965 978,215	40,551	40,091
2	27	98 978	96 548,927	3 868 176,762	40,064	39,604
3	28	98 941	95 321,266	3 771 627,835	39,568	39,107
4	29	98 903	94 108,864	3 676 306,569	39,064	38,604
5	30	98 866	92 912,196	3 582 197,705	38,555	38,094
6	31	98 828	91 729,238	3 489 285,510	38,039	37,579
7	32	98 786	90 558,468	3 397 556,271	37,518	37,057
8	33	98 743	89 401,894	3 306 997,803	36,990	36,530
9	34	98 700	88 259,538	3 217 595,909	36,456	35,996
10	35	98 653	87 128,814	3 129 336,370	35,916	35,456
11	36	98 606	86 011,899	3 042 207,556	35,370	34,909
12	37	98 551	84 902,613	2 956 195,657	34,819	34,358
13	38	98 498	83 809,273	2 871 293,044	34,260	33,799
14	39	98 431	82 718,201	2 787 483,771	33,699	33,238
15	40	98 360	81 638,461	2 704 765,570	33,131	32,671
16	41	98 279	80 563,744	2 623 127,109	32,560	32,099
17	42	98 179	79 487,951	2 542 563,365	31,987	31,526
18	43	98 068	78 418,473	2 463 075,414	31,409	30,949
19	44	97 943	77 350,980	2 384 656,941	30,829	30,369
20	45	97 802	76 286,235	2 307 305,961	30,245	29,785
21	46	97 649	75 226,727	2 231 019,726	29,657	29,197
22	47	97 481	74 170,480	2 155 792,999	29,065	28,605
23	48	97 298	73 116,789	2 081 622,519	28,470	28,009
24	49	97 098	72 065,492	2 008 505,730	27,871	27,410
25	50	96 875	71 012,519	1 936 440,238	27,269	26,809
26	51	96 637	69 963,929	1 865 427,718	26,663	26,202
27	52	96 378	68 914,881	1 795 463,790	26,053	25,593
28	53	96 091	67 861,133	1 726 548,909	25,442	24,982
29	54	95 779	66 805,728	1 658 687,776	24,829	24,368
30	55	95 436	65 744,721	1 591 882,048	24,213	23,753
31	56	95 065	64 680,624	1 526 137,327	23,595	23,135
32	57	94 656	63 607,102	1 461 456,704	22,976	22,516
33	58	94 212	62 527,194	1 397 849,602	22,356	21,895
34	59	93 730	61 439,222	1 335 322,407	21,734	21,274
35	60	93 202	60 338,996	1 273 883,186	21,112	20,652
36	61	92 617	59 220,178	1 213 544,190	20,492	20,032
37	62	92 017	58 110,207	1 154 324,011	19,864	19,404
38	63	91 372	56 990,592	1 096 213,805	19,235	18,775
39	64	90 675	55 857,704	1 039 223,212	18,605	18,144
40	65	89 916	54 706,302	983 365,508	17,975	17,515
41	66	89 084	53 530,654	928 659,206	17,348	16,888
42	67	88 189	52 338,527	875 128,552	16,721	16,260
43	68	87 204	51 114,970	822 790,025	16,097	15,636
44	69	86 171	49 886,408	771 675,055	15,469	15,008
45	70	85 056	48 632,586	721 788,647	14,842	14,381
46	71	83 848	47 349,988	673 156,061	14,217	13,756
47	72	82 544	46 038,410	625 806,074	13,593	13,133
48	73	81 153	44 703,444	579 767,664	12,969	12,509
49	74	79 674	43 346,913	535 064,220	12,344	11,883
50	75	78 064	41 946,906	491 717,307	11,722	11,262
51	76	76 306	40 496,135	449 770,402	11,107	10,646
52	77	74 353	38 972,169	409 274,266	10,502	10,041
53	78	72 214	37 383,683	370 302,097	9,905	9,445
54	79	69 834	35 705,702	332 918,415	9,324	8,864
55	80	67 159	33 913,754	297 212,712	8,764	8,303
56	81	64 182	32 010,561	263 298,958	8,225	7,765
57	82	60 935	30 015,883	231 288,397	7,706	7,245
58	83	57 431	27 940,642	201 272,514	7,204	6,743
59	84	53 639	25 773,492	173 331,872	6,725	6,265
60	85	49 570	23 524,528	147 558,380	6,273	5,812
61	86	45 283	21 224,655	124 033,852	5,844	5,383
62	87	40 804	18 889,022	102 809,197	5,443	4,982
63	88	36 230	16 564,699	83 920,175	5,066	4,606
64	89	31 651	14 292,390	67 355,476	4,713	4,252
65	90	27 115	12 092,761	53 063,087	4,388	3,928
66	91	22 748	10 020,205	40 970,326	4,089	3,628
67	92	18 632	8 105,771	30 950,122	3,818	3,358
68	93	14 866	6 387,389	22 844,350	3,576	3,116
69	94	11 536	4 895,492	16 456,961	3,362	2,901
70	95	8 641	3 621,674	11 561,470	3,192	2,732
71	96	6 344	2 625,997	7 939,796	3,024	2,563
72	97	4 521	1 848,433	5 313,799	2,875	2,414
73	98	3 183	1 285,305	3 465,366	2,696	2,236
74	99	2 150	857,627	2 180,061	2,542	2,082
75	100	1 395	549,536	1 322,435	2,406	1,946

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	98 415,151	4 722 874,439	47,989	47,529
2	1	99 313	96 875,945	4 624 459,287	47,736	47,275
3	2	99 275	95 642,919	4 527 583,342	47,338	46,878
4	3	99 250	94 438,733	4 431 940,423	46,929	46,469
5	4	99 227	93 250,894	4 337 501,689	46,514	46,054
6	5	99 208	92 082,596	4 244 250,795	46,092	45,631
7	6	99 191	90 929,522	4 152 168,200	45,664	45,203
8	7	99 176	89 793,463	4 061 238,678	45,229	44,768
9	8	99 163	88 673,305	3 971 445,215	44,787	44,327
10	9	99 149	87 566,109	3 882 771,909	44,341	43,881
11	10	99 135	86 472,799	3 795 205,800	43,889	43,429
12	11	99 120	85 392,546	3 708 733,001	43,432	42,971
13	12	99 105	84 325,428	3 623 340,455	42,969	42,508
14	13	99 087	83 269,820	3 539 015,027	42,501	42,040
15	14	99 067	82 224,816	3 455 745,207	42,028	41,568
16	15	99 042	81 188,968	3 373 520,392	41,551	41,091
17	16	99 004	80 155,953	3 292 331,424	41,074	40,614
18	17	98 961	79 131,994	3 212 175,471	40,593	40,132
19	18	98 908	78 113,656	3 133 043,477	40,109	39,648
20	19	98 847	77 101,371	3 054 929,822	39,622	39,162
21	20	98 783	76 100,487	2 977 828,450	39,130	38,670
22	21	98 721	75 113,451	2 901 727,964	38,631	38,171
23	22	98 660	74 140,389	2 826 614,513	38,125	37,665
24	23	98 598	73 178,784	2 752 474,124	37,613	37,153
25	24	98 528	72 224,729	2 679 295,340	37,097	36,636
26	25	98 464	71 286,655	2 607 070,611	36,572	36,111
27	26	98 399	70 360,090	2 535 783,956	36,040	35,580
28	27	98 328	69 441,263	2 465 423,866	35,504	35,043
29	28	98 256	68 533,664	2 395 982,603	34,961	34,500
30	29	98 175	67 631,940	2 327 448,939	34,413	33,953
31	30	98 093	66 741,219	2 259 816,999	33,859	33,399
32	31	97 997	65 852,320	2 193 075,780	33,303	32,843
33	32	97 897	64 973,021	2 127 223,459	32,740	32,280
34	33	97 793	64 103,065	2 062 250,438	32,171	31,710
35	34	97 680	63 238,162	1 998 147,373	31,597	31,137
36	35	97 555	62 377,592	1 934 909,210	31,019	30,559
37	36	97 429	61 528,061	1 872 531,619	30,434	29,973
38	37	97 292	60 683,052	1 811 003,558	29,844	29,383
39	38	97 145	59 843,424	1 750 320,506	29,248	28,788
40	39	96 983	59 005,533	1 690 477,082	28,649	28,189
41	40	96 803	58 169,160	1 631 471,549	28,047	27,587
42	41	96 609	57 335,987	1 573 302,389	27,440	26,980
43	42	96 392	56 500,623	1 515 966,401	26,831	26,371
44	43	96 154	55 665,469	1 459 465,778	26,219	25,758
45	44	95 895	54 830,136	1 403 800,309	25,603	25,142
46	45	95 601	53 987,391	1 348 970,174	24,987	24,526
47	46	95 286	53 145,224	1 294 982,783	24,367	23,906
48	47	94 929	52 292,155	1 241 837,559	23,748	23,288
49	48	94 529	51 428,916	1 189 545,404	23,130	22,670
50	49	94 081	50 553,155	1 138 116,488	22,513	22,053
51	50	93 580	49 663,280	1 087 563,332	21,899	21,438
52	51	93 035	48 764,482	1 037 900,053	21,284	20,824
53	52	92 418	47 843,408	989 135,570	20,674	20,214
54	53	91 732	46 901,690	941 292,163	20,069	19,609
55	54	90 971	45 938,547	894 390,472	19,469	19,009
56	55	90 140	44 956,735	848 451,926	18,873	18,412
57	56	89 227	43 952,317	803 495,190	18,281	17,821
58	57	88 234	42 926,460	759 542,873	17,694	17,234
59	58	87 140	41 870,826	716 616,414	17,115	16,655
60	59	85 953	40 790,655	674 745,587	16,542	16,081
61	60	84 679	39 689,910	633 954,932	15,973	15,512
62	61	83 297	38 560,169	594 265,022	15,411	14,951
63	62	81 827	37 411,782	555 704,853	14,854	14,393
64	63	80 267	36 245,449	518 293,072	14,300	13,839
65	64	78 600	35 054,548	482 047,623	13,751	13,291
66	65	76 828	33 841,321	446 993,075	13,208	12,748
67	66	74 967	32 613,778	413 151,754	12,668	12,208
68	67	72 978	31 356,499	380 537,975	12,136	11,675
69	68	70 918	30 095,541	349 181,476	11,602	11,142
70	69	68 746	28 813,279	319 085,935	11,074	10,614
71	70	66 455	27 509,178	290 272,656	10,552	10,091
72	71	64 044	26 183,916	262 763,478	10,035	9,575
73	72	61 534	24 847,205	236 579,562	9,521	9,061
74	73	58 931	23 502,440	211 732,357	9,009	8,549
75	74	56 225	22 146,303	188 229,918	8,499	8,039
76	75	53 382	20 767,032	166 083,615	7,997	7,537
77	76	50 393	19 362,218	145 316,583	7,505	7,045
78	77	47 260	17 934,087	125 954,365	7,023	6,563
79	78	43 972	16 480,521	108 020,278	6,554	6,094
80	79	40 502	14 992,656	91 539,757	6,106	5,645
81	80	36 874	13 481,105	76 547,102	5,678	5,218
82	81	33 099	11 951,436	63 065,997	5,277	4,816
83	82	29 275	10 440,073	51 114,561	4,896	4,436
84	83	25 443	8 961,710	40 674,488	4,539	4,078
85	84	21 681	7 542,279	31 712,777	4,205	3,744
86	85	18 049	6 201,369	24 170,498	3,898	3,437
87	86	14 656	4 973,504	17 969,129	3,613	3,153
88	87	11 578	3 880,202	12 995,625	3,349	2,889
89	88	8 871	2 936,326	9 115,423	3,104	2,644
90	89	6 577	2 150,068	6 179,097	2,874	2,414
91	90	4 689	1 514,145	4 029,029	2,661	2,201
92	91	3 187	1 016,312	2 514,884	2,475	2,014
93	92	2 059	648,387	1 498,572	2,311	1,851
94	93	1 265	393,413	850,186	2,161	1,701
95	94	727	223,232	456,773	2,046	1,586
96	95	397	120,410	233,541	1,940	1,479
97	96	205	61,389	113,131	1,843	1,382
98	97	99	29,321	51,741	1,765	1,304
99	98	46	13,366	22,421	1,677	1,217
100	99	20	5,647	9,055	1,604	1,143

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	97 173,672	4 638 234,505	47,731	47,271
3	1	99 297	95 665,023	4 541 060,833	47,468	47,008
4	2	99 262	94 449,980	4 445 395,810	47,066	46,606
5	3	99 238	93 262,005	4 350 945,830	46,653	46,193
6	4	99 217	92 090,969	4 257 683,825	46,233	45,773
7	5	99 198	90 936,342	4 165 592,855	45,808	45,347
8	6	99 182	89 799,374	4 074 656,513	45,375	44,915
9	7	99 168	88 677,677	3 984 857,139	44,936	44,476
10	8	99 155	87 571,531	3 896 179,462	44,491	44,031
11	9	99 141	86 478,395	3 808 607,932	44,041	43,581
12	10	99 126	85 397,607	3 722 129,537	43,586	43,125
13	11	99 112	84 331,709	3 636 731,930	43,124	42,664
14	12	99 095	83 276,408	3 552 400,221	42,658	42,198
15	13	99 075	82 231,864	3 469 123,813	42,187	41,727
16	14	99 052	81 197,489	3 386 891,949	41,712	41,251
17	15	99 016	80 165,982	3 305 694,460	41,236	40,775
18	16	98 975	79 143,161	3 225 528,478	40,756	40,295
19	17	98 923	78 125,095	3 146 385,317	40,274	39,813
20	18	98 867	77 117,075	3 068 260,223	39,787	39,327
21	19	98 802	76 115,179	2 991 143,147	39,298	38,837
22	20	98 739	75 127,362	2 915 027,969	38,801	38,341
23	21	98 676	74 152,665	2 839 900,606	38,298	37,838
24	22	98 615	73 191,450	2 765 747,941	37,788	37,327
25	23	98 550	72 240,404	2 692 556,492	37,272	36,812
26	24	98 481	71 298,745	2 620 316,087	36,751	36,291
27	25	98 418	70 373,212	2 549 017,343	36,221	35,761
28	26	98 347	69 454,777	2 478 644,130	35,687	35,227
29	27	98 278	68 548,637	2 409 189,353	35,146	34,685
30	28	98 200	67 648,811	2 340 640,717	34,600	34,139
31	29	98 119	66 758,495	2 272 991,905	34,048	33,588
32	30	98 026	65 871,880	2 206 233,410	33,493	33,032
33	31	97 928	64 993,767	2 140 361,530	32,932	32,471
34	32	97 827	64 125,320	2 075 367,763	32,364	31,904
35	33	97 715	63 260,686	2 011 242,443	31,793	31,333
36	34	97 593	62 401,998	1 947 981,757	31,217	30,756
37	35	97 468	61 552,835	1 885 579,759	30,634	30,173
38	36	97 338	60 711,516	1 824 026,925	30,044	29,584
39	37	97 190	59 870,978	1 763 315,408	29,452	28,992
40	38	97 039	59 040,110	1 703 444,430	28,852	28,392
41	39	96 861	58 203,832	1 644 404,320	28,253	27,792
42	40	96 675	57 374,928	1 586 200,487	27,646	27,186
43	41	96 465	56 543,758	1 528 825,560	27,038	26,578
44	42	96 234	55 711,699	1 472 281,801	26,427	25,966
45	43	95 981	54 879,523	1 416 570,102	25,812	25,352
46	44	95 699	54 042,516	1 361 690,579	25,197	24,736
47	45	95 392	53 204,385	1 307 648,063	24,578	24,117
48	46	95 050	52 358,636	1 254 443,678	23,959	23,498
49	47	94 664	51 502,748	1 202 085,041	23,340	22,880
50	48	94 231	50 634,149	1 150 582,294	22,723	22,263
51	49	93 750	49 753,405	1 099 948,145	22,108	21,648
52	50	93 218	48 860,771	1 050 194,740	21,494	21,033
53	51	92 623	47 949,317	1 001 333,969	20,883	20,423
54	52	91 958	47 017,132	953 384,652	20,277	19,817
55	53	91 221	46 064,447	906 367,521	19,676	19,216
56	54	90 412	45 092,447	860 303,073	19,079	18,618
57	55	89 524	44 098,432	815 210,626	18,486	18,026
58	56	88 555	43 082,370	771 112,194	17,899	17,438
59	57	87 489	42 038,656	728 029,824	17,318	16,858
60	58	86 334	40 971,361	685 991,167	16,743	16,283
61	59	85 090	39 882,543	645 019,806	16,173	15,713
62	60	83 749	38 769,175	605 137,263	15,609	15,148
63	61	82 287	37 622,282	566 368,089	15,054	14,594
64	62	80 757	36 467,046	528 745,806	14,499	14,039
65	63	79 121	35 286,891	492 278,760	13,951	13,490
66	64	77 392	34 089,745	456 991,869	13,406	12,945
67	65	75 572	32 877,196	422 902,124	12,863	12,403
68	66	73 621	31 632,825	390 024,928	12,330	11,869
69	67	71 613	30 390,156	358 392,103	11,793	11,333
70	68	69 455	29 110,639	328 001,948	11,267	10,807
71	69	67 205	27 819,988	298 891,309	10,744	10,283
72	70	64 834	26 506,863	271 071,321	10,226	9,766
73	71	62 369	25 184,433	244 564,458	9,711	9,251
74	72	59 793	23 846,045	219 380,025	9,200	8,739
75	73	57 109	22 494,581	195 533,980	8,692	8,232
76	74	54 311	21 128,507	173 039,399	8,190	7,729
77	75	51 373	19 738,584	151 910,892	7,696	7,236
78	76	48 314	18 334,252	132 172,308	7,209	6,749
79	77	45 074	16 893,601	113 838,056	6,739	6,278
80	78	41 673	15 426,134	96 944,455	6,284	5,824
81	79	38 130	13 940,057	81 518,321	5,848	5,387
82	80	34 421	12 428,801	67 578,264	5,437	4,977
83	81	30 624	10 921,294	55 149,463	5,050	4,589
84	82	26 792	9 436,772	44 228,169	4,687	4,226
85	83	23 018	8 007,362	34 791,397	4,345	3,885
86	84	19 350	6 648,272	26 784,035	4,029	3,568
87	85	15 883	5 389,704	20 135,763	3,736	3,276
88	86	12 707	4 258,846	14 746,059	3,462	3,002
89	87	9 869	3 266,904	10 487,213	3,210	2,750
90	88	7 430	2 428,975	7 220,309	2,973	2,512
91	89	5 396	1 742,235	4 791,333	2,750	2,290
92	90	3 740	1 192,766	3 049,098	2,556	2,096
93	91	2 472	778,689	1 856,332	2,384	1,924
94	92	1 557	484,235	1 077,644	2,225	1,765
95	93	919	282,285	593,409	2,102	1,642
96	94	519	157,435	311,123	1,976	1,516
97	95	273	81,747	153,688	1,880	1,420
98	96	136	40,137	71,941	1,792	1,332
99	97	63	18,488	31,804	1,720	1,260
100	98	28	8,122	13,317	1,640	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	95 959,028	4 553 825,531	47,456	46,996
4	1	99 285	94 471,809	4 457 866,503	47,187	46,727
5	2	99 250	93 273,112	4 363 394,694	46,781	46,320
6	3	99 229	92 101,942	4 270 121,582	46,363	45,903
7	4	99 207	90 944,612	4 178 019,639	45,940	45,480
8	5	99 190	89 806,109	4 087 075,028	45,510	45,050
9	6	99 174	88 683,515	3 997 268,919	45,073	44,613
10	7	99 160	87 575,848	3 908 585,404	44,631	44,170
11	8	99 147	86 483,749	3 821 009,557	44,182	43,721
12	9	99 132	85 403,133	3 734 525,808	43,728	43,268
13	10	99 118	84 336,706	3 649 122,675	43,268	42,808
14	11	99 103	83 282,612	3 564 785,969	42,803	42,343
15	12	99 083	82 238,371	3 481 503,357	42,334	41,874
16	13	99 060	81 204,449	3 399 264,986	41,861	41,400
17	14	99 026	80 174,395	3 318 060,537	41,386	40,925
18	15	98 987	79 153,063	3 237 886,142	40,907	40,446
19	16	98 937	78 136,120	3 158 733,079	40,426	39,966
20	17	98 881	77 128,368	3 080 596,959	39,941	39,481
21	18	98 822	76 130,682	3 003 468,591	39,451	38,991
22	19	98 758	75 141,866	2 927 337,909	38,957	38,497
23	20	98 694	74 166,399	2 852 196,042	38,457	37,996
24	21	98 631	73 203,569	2 778 029,644	37,949	37,489
25	22	98 567	72 252,907	2 704 826,075	37,436	36,975
26	23	98 502	71 314,219	2 632 573,167	36,915	36,455
27	24	98 434	70 385,148	2 561 258,948	36,389	35,929
28	25	98 366	69 467,730	2 490 873,801	35,857	35,396
29	26	98 297	68 561,977	2 421 406,071	35,317	34,857
30	27	98 221	67 663,591	2 352 844,094	34,773	34,312
31	28	98 143	66 775,149	2 285 180,503	34,222	33,762
32	29	98 051	65 888,931	2 218 405,354	33,669	33,208
33	30	97 957	65 013,072	2 152 516,424	33,109	32,649
34	31	97 859	64 145,795	2 087 503,352	32,543	32,083
35	32	97 749	63 282,648	2 023 357,557	31,973	31,513
36	33	97 628	62 424,224	1 960 074,909	31,399	30,939
37	34	97 507	61 576,919	1 897 650,685	30,818	30,357
38	35	97 377	60 735,962	1 836 073,767	30,230	29,770
39	36	97 236	59 899,062	1 775 337,805	29,639	29,178
40	37	97 084	59 067,295	1 715 438,744	29,042	28,582
41	38	96 918	58 237,940	1 656 371,449	28,441	27,981
42	39	96 732	57 409,126	1 598 133,509	27,838	27,377
43	40	96 531	56 582,160	1 540 724,383	27,230	26,769
44	41	96 307	55 754,232	1 484 142,222	26,619	26,159
45	42	96 061	54 925,101	1 428 387,991	26,006	25,546
46	43	95 785	54 091,195	1 373 462,890	25,392	24,931
47	44	95 490	53 258,711	1 319 371,695	24,773	24,312
48	45	95 155	52 416,922	1 266 112,984	24,155	23,694
49	46	94 785	51 568,225	1 213 696,062	23,536	23,075
50	47	94 367	50 706,839	1 162 127,837	22,919	22,458
51	48	93 900	49 833,117	1 111 420,998	22,303	21,842
52	49	93 388	48 949,440	1 061 587,881	21,687	21,227
53	50	92 806	48 043,996	1 012 638,441	21,077	20,617
54	51	92 161	47 121,212	964 594,445	20,470	20,010
55	52	91 445	46 177,828	917 473,233	19,868	19,408
56	53	90 660	45 216,029	871 295,405	19,270	18,809
57	54	89 794	44 231,553	826 079,376	18,676	18,216
58	55	88 849	43 225,593	781 847,823	18,088	17,627
59	56	87 807	42 191,342	738 622,230	17,506	17,046
60	57	86 680	41 135,586	696 430,888	16,930	16,470
61	58	85 467	40 059,226	655 295,302	16,358	15,898
62	59	84 155	38 957,339	615 236,075	15,793	15,332
63	60	82 733	37 826,204	576 278,737	15,235	14,775
64	61	81 212	36 672,231	538 452,533	14,683	14,222
65	62	79 604	35 502,628	501 780,302	14,134	13,673
66	63	77 905	34 315,694	466 277,674	13,588	13,127
67	64	76 127	33 118,542	431 961,980	13,043	12,583
68	65	74 215	31 888,319	398 843,438	12,508	12,047
69	66	72 244	30 657,966	366 955,119	11,969	11,509
70	67	70 135	29 395,611	336 297,153	11,440	10,980
71	68	67 899	28 107,096	306 901,541	10,919	10,459
72	69	65 566	26 806,349	278 794,445	10,400	9,940
73	70	63 138	25 495,053	251 988,097	9,884	9,423
74	71	60 604	24 169,686	226 493,044	9,371	8,911
75	72	57 944	22 823,451	202 323,358	8,865	8,404
76	73	55 166	21 460,779	179 499,906	8,364	7,904
77	74	52 267	20 082,158	158 039,127	7,870	7,409
78	75	49 253	18 690,636	137 956,969	7,381	6,921
79	76	46 080	17 270,550	119 266,333	6,906	6,445
80	77	42 718	15 812,786	101 995,784	6,450	5,990
81	78	39 232	14 343,102	86 182,998	6,009	5,548
82	79	35 593	12 851,929	71 839,896	5,590	5,129
83	80	31 847	11 357,513	58 987,967	5,194	4,733
84	81	28 027	9 871,747	47 630,454	4,825	4,365
85	82	24 238	8 431,833	37 758,707	4,478	4,018
86	83	20 543	7 058,228	29 326,874	4,155	3,695
87	84	17 028	5 778,114	22 268,646	3,854	3,394
88	85	13 771	4 615,241	16 490,532	3,573	3,113
89	86	10 833	3 585,701	11 875,291	3,312	2,851
90	87	8 266	2 702,435	8 289,591	3,067	2,607
91	88	6 096	1 968,238	5 587,156	2,839	2,378
92	89	4 304	1 372,443	3 618,917	2,637	2,176
93	90	2 902	913,886	2 246,474	2,458	1,998
94	91	1 869	581,549	1 332,588	2,291	1,831
95	92	1 131	347,453	751,039	2,162	1,701
96	93	656	199,082	403,586	2,027	1,567
97	94	357	106,883	204,504	1,913	1,453
98	95	181	53,447	97,620	1,826	1,366
99	96	87	25,308	44,173	1,745	1,285
100	97	39	11,235	18,866	1,679	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	94 762,147	4 469 672,914	47,167	46,707
5	1	99 273	93 294,668	4 374 910,767	46,893	46,433
6	2	99 241	92 112,911	4 281 616,098	46,482	46,022
7	3	99 219	90 955,448	4 189 503,187	46,061	45,601
8	4	99 199	89 814,276	4 098 547,740	45,634	45,173
9	5	99 182	88 690,166	4 008 733,464	45,199	44,739
10	6	99 166	87 581,613	3 920 043,298	44,759	44,298
11	7	99 152	86 488,012	3 832 461,685	44,312	43,852
12	8	99 138	85 408,421	3 745 973,673	43,860	43,399
13	9	99 124	84 342,164	3 660 565,252	43,401	42,941
14	10	99 108	83 287,547	3 576 223,088	42,938	42,478
15	11	99 091	82 244,497	3 492 935,542	42,470	42,010
16	12	99 068	81 210,874	3 410 691,045	41,998	41,538
17	13	99 035	80 181,268	3 329 480,171	41,524	41,064
18	14	98 997	79 161,370	3 249 298,903	41,047	40,586
19	15	98 949	78 145,896	3 170 137,533	40,567	40,107
20	16	98 895	77 139,253	3 091 991,636	40,083	39,623
21	17	98 837	76 141,831	3 014 852,384	39,595	39,135
22	18	98 778	75 157,172	2 938 710,553	39,101	38,640
23	19	98 714	74 180,717	2 863 553,381	38,602	38,142
24	20	98 649	73 217,126	2 789 372,664	38,097	37,637
25	21	98 583	72 264,871	2 716 155,538	37,586	37,126
26	22	98 519	71 326,562	2 643 890,666	37,067	36,607
27	23	98 456	70 400,423	2 572 564,105	36,542	36,081
28	24	98 382	69 479,512	2 502 163,681	36,013	35,553
29	25	98 315	68 574,763	2 432 684,170	35,475	35,015
30	26	98 240	67 676,759	2 364 109,406	34,932	34,472
31	27	98 165	66 789,737	2 296 432,647	34,383	33,923
32	28	98 076	65 905,367	2 229 642,910	33,831	33,371
33	29	97 983	65 029,900	2 163 737,543	33,273	32,813
34	30	97 888	64 164,847	2 098 707,643	32,708	32,248
35	31	97 780	63 302,854	2 034 542,795	32,140	31,679
36	32	97 662	62 445,896	1 971 239,941	31,567	31,107
37	33	97 541	61 598,851	1 908 794,046	30,987	30,527
38	34	97 415	60 759,726	1 847 195,195	30,402	29,941
39	35	97 275	59 923,180	1 786 435,469	29,812	29,352
40	36	97 130	59 095,001	1 726 512,290	29,216	28,755
41	37	96 962	58 264,755	1 667 417,289	28,618	28,158
42	38	96 789	57 442,768	1 609 152,534	28,013	27,553
43	39	96 588	56 615,887	1 551 709,765	27,408	26,947
44	40	96 373	55 792,098	1 495 093,879	26,798	26,337
45	41	96 134	54 967,033	1 439 301,781	26,185	25,724
46	42	95 865	54 136,117	1 384 334,748	25,571	25,111
47	43	95 576	53 306,683	1 330 198,631	24,954	24,493
48	44	95 252	52 470,444	1 276 891,947	24,335	23,875
49	45	94 890	51 625,631	1 224 421,504	23,717	23,257
50	46	94 487	50 771,305	1 172 795,873	23,100	22,639
51	47	94 035	49 904,658	1 122 024,568	22,483	22,023
52	48	93 537	49 027,864	1 072 119,910	21,868	21,407
53	49	92 974	48 131,183	1 023 092,046	21,256	20,796
54	50	92 343	47 214,256	974 960,864	20,650	20,189
55	51	91 647	46 280,050	927 746,608	20,046	19,586
56	52	90 883	45 327,321	881 466,558	19,447	18,986
57	53	90 040	44 352,776	836 139,237	18,852	18,392
58	54	89 117	43 356,079	791 786,461	18,262	17,802
59	55	88 099	42 331,603	748 430,382	17,680	17,220
60	56	86 995	41 284,992	706 098,779	17,103	16,643
61	57	85 810	40 219,795	664 813,787	16,530	16,069
62	58	84 528	39 129,924	624 593,992	15,962	15,502
63	59	83 135	38 009,792	585 464,069	15,403	14,943
64	60	81 652	36 871,003	547 454,277	14,848	14,387
65	61	80 052	35 702,386	510 583,274	14,301	13,841
66	62	78 381	34 525,493	474 880,887	13,754	13,294
67	63	76 632	33 338,054	440 355,395	13,209	12,748
68	64	74 760	32 122,407	407 017,341	12,671	12,210
69	65	72 827	30 905,587	374 894,934	12,130	11,670
70	66	70 753	29 654,657	343 989,348	11,600	11,139
71	67	68 564	28 382,245	314 334,690	11,075	10,615
72	68	66 243	27 082,996	285 952,446	10,558	10,098
73	69	63 852	25 783,107	258 869,450	10,040	9,580
74	70	61 352	24 467,790	233 086,343	9,526	9,066
75	71	58 730	23 133,213	208 618,553	9,018	8,558
76	72	55 972	21 774,535	185 485,340	8,518	8,058
77	73	53 089	20 397,975	163 710,805	8,026	7,565
78	74	50 111	19 015,969	143 312,830	7,536	7,076
79	75	46 976	17 606,257	124 296,861	7,060	6,599
80	76	43 671	16 165,618	106 690,603	6,600	6,139
81	77	40 215	14 702,608	90 524,985	6,157	5,697
82	78	36 622	13 223,513	75 822,377	5,734	5,274
83	79	32 931	11 744,169	62 598,864	5,330	4,870
84	80	29 146	10 266,045	50 854,694	4,954	4,493
85	81	25 355	8 820,487	40 588,650	4,602	4,141
86	82	21 632	7 432,386	31 768,163	4,274	3,814
87	83	18 078	6 134,413	24 335,777	3,967	3,507
88	84	14 763	4 947,839	18 201,365	3,679	3,218
89	85	11 739	3 885,764	13 253,525	3,411	2,950
90	86	9 073	2 966,148	9 367,761	3,158	2,698
91	87	6 782	2 189,827	6 401,613	2,923	2,463
92	88	4 862	1 550,477	4 211,786	2,716	2,256
93	89	3 339	1 051,554	2 661,309	2,531	2,070
94	90	2 194	682,518	1 609,755	2,359	1,898
95	91	1 358	417,278	927,237	2,222	1,762
96	92	808	245,042	509,959	2,081	1,621
97	93	451	135,158	264,916	1,960	1,500
98	94	236	69,881	129,758	1,857	1,396
99	95	115	33,700	59,877	1,777	1,316
100	96	53	15,379	26,177	1,702	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	93 581,389	4 385 813,523	46,866	46,406
6	1	99 264	92 134,199	4 292 232,134	46,587	46,126
7	2	99 231	90 966,280	4 200 097,935	46,172	45,712
8	3	99 210	89 824,977	4 109 131,655	45,746	45,286
9	4	99 191	88 698,231	4 019 306,678	45,314	44,854
10	5	99 174	87 588,182	3 930 608,446	44,876	44,416
11	6	99 158	86 493,706	3 843 020,265	44,431	43,971
12	7	99 143	85 412,631	3 756 526,559	43,981	43,521
13	8	99 130	84 347,386	3 671 113,927	43,524	43,063
14	9	99 115	83 292,936	3 586 766,542	43,062	42,602
15	10	99 096	82 249,370	3 503 473,605	42,596	42,135
16	11	99 076	81 216,924	3 421 224,235	42,125	41,664
17	12	99 043	80 187,612	3 340 007,312	41,652	41,192
18	13	99 006	79 168,156	3 259 819,699	41,176	40,716
19	14	98 959	78 154,097	3 180 651,543	40,697	40,237
20	15	98 908	77 148,904	3 102 497,446	40,214	39,754
21	16	98 851	76 152,576	3 025 348,542	39,727	39,267
22	17	98 793	75 168,178	2 949 195,966	39,235	38,774
23	18	98 734	74 195,827	2 874 027,788	38,736	38,275
24	19	98 668	73 231,262	2 799 831,961	38,233	37,772
25	20	98 601	72 278,255	2 726 600,700	37,724	37,263
26	21	98 536	71 338,372	2 654 322,445	37,207	36,747
27	22	98 473	70 412,608	2 582 984,072	36,684	36,223
28	23	98 404	69 494,591	2 512 571,464	36,155	35,695
29	24	98 332	68 586,394	2 443 076,873	35,620	35,160
30	25	98 259	67 689,380	2 374 490,480	35,079	34,619
31	26	98 184	66 802,735	2 306 801,099	34,532	34,071
32	27	98 097	65 919,766	2 239 998,364	33,981	33,520
33	28	98 007	65 046,122	2 174 078,598	33,424	32,963
34	29	97 913	64 181,456	2 109 032,476	32,860	32,400
35	30	97 809	63 321,657	2 044 851,020	32,293	31,833
36	31	97 693	62 465,834	1 981 529,363	31,722	31,261
37	32	97 575	61 620,236	1 919 063,529	31,143	30,683
38	33	97 450	60 781,367	1 857 443,293	30,559	30,099
39	34	97 313	59 946,626	1 796 661,926	29,971	29,511
40	35	97 169	59 118,795	1 736 715,301	29,377	28,916
41	36	97 008	58 292,085	1 677 596,505	28,779	28,319
42	37	96 834	57 469,217	1 619 304,420	28,177	27,717
43	38	96 645	56 649,064	1 561 835,203	27,570	27,110
44	39	96 430	55 825,353	1 505 186,140	26,962	26,502
45	40	96 200	55 004,364	1 449 360,787	26,350	25,890
46	41	95 938	54 177,447	1 394 356,422	25,737	25,276
47	42	95 655	53 350,955	1 340 178,975	25,120	24,660
48	43	95 338	52 517,706	1 286 828,020	24,503	24,042
49	44	94 987	51 678,345	1 234 310,314	23,884	23,424
50	45	94 592	50 827,823	1 182 631,969	23,267	22,807
51	46	94 154	49 968,104	1 131 804,146	22,651	22,190
52	47	93 672	49 098,248	1 081 836,043	22,034	21,574
53	48	93 123	48 208,296	1 032 737,794	21,422	20,962
54	49	92 511	47 299,937	984 529,499	20,815	20,354
55	50	91 828	46 371,433	937 229,562	20,211	19,751
56	51	91 084	45 427,661	890 858,129	19,610	19,150
57	52	90 262	44 461,943	845 430,468	19,015	18,554
58	53	89 362	43 474,902	800 968,525	18,424	17,963
59	54	88 365	42 459,391	757 493,623	17,840	17,380
60	55	87 284	41 422,240	715 034,232	17,262	16,802
61	56	86 121	40 365,874	673 611,992	16,688	16,227
62	57	84 867	39 286,767	633 246,118	16,119	15,658
63	58	83 503	38 178,179	593 959,351	15,558	15,097
64	59	82 048	37 049,955	555 781,172	15,001	14,540
65	60	80 486	35 895,902	518 731,218	14,451	13,991
66	61	78 822	34 719,753	482 835,316	13,907	13,446
67	62	77 100	33 541,876	448 115,562	13,360	12,899
68	63	75 256	32 335,316	414 573,687	12,821	12,361
69	64	73 362	31 132,460	382 238,371	12,278	11,817
70	65	71 325	29 894,174	351 105,911	11,745	11,285
71	66	69 168	28 632,360	321 211,737	11,218	10,758
72	67	66 891	27 348,120	292 579,377	10,698	10,238
73	68	64 511	26 049,194	265 231,257	10,182	9,722
74	69	62 045	24 744,237	239 182,063	9,666	9,206
75	70	59 455	23 418,534	214 437,826	9,157	8,696
76	71	56 732	22 070,061	191 019,293	8,655	8,195
77	72	53 865	20 696,193	168 949,231	8,163	7,703
78	73	50 899	19 315,019	148 253,038	7,676	7,215
79	74	47 794	17 912,715	128 938,019	7,198	6,738
80	75	44 520	16 479,848	111 025,304	6,737	6,277
81	76	41 113	15 030,669	94 545,455	6,290	5,830
82	77	37 540	13 554,957	79 514,786	5,866	5,406
83	78	33 884	12 083,725	65 959,829	5,459	4,998
84	79	30 139	10 615,543	53 876,104	5,075	4,615
85	80	26 368	9 172,795	43 260,561	4,716	4,256
86	81	22 629	7 774,971	34 087,766	4,384	3,924
87	82	19 036	6 459,599	26 312,795	4,073	3,613
88	83	15 673	5 252,940	19 853,196	3,779	3,319
89	84	12 585	4 165,793	14 600,256	3,505	3,044
90	85	9 832	3 214,366	10 434,463	3,246	2,786
91	86	7 444	2 403,518	7 220,097	3,004	2,544
92	87	5 409	1 725,033	4 816,579	2,792	2,332
93	88	3 772	1 187,961	3 091,546	2,602	2,142
94	89	2 525	785,332	1 903,585	2,424	1,964
95	90	1 594	489,727	1 118,252	2,283	1,823
96	91	970	294,287	628,525	2,136	1,675
97	92	555	166,360	334,238	2,009	1,549
98	93	299	88,368	167,878	1,900	1,439
99	94	151	44,062	79,511	1,804	1,344
100	95	71	20,479	35,448	1,731	1,271

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	92 417,353	4 302 287,235	46,553	46,092
7	1	99 254	90 987,303	4 209 869,882	46,269	45,808
8	2	99 222	89 835,675	4 118 882,579	45,849	45,389
9	3	99 202	88 708,800	4 029 046,904	45,419	44,958
10	4	99 183	87 596,147	3 940 338,104	44,983	44,523
11	5	99 166	86 500,193	3 852 741,958	44,540	44,080
12	6	99 150	85 418,254	3 766 241,765	44,092	43,631
13	7	99 135	84 351,544	3 680 823,511	43,637	43,176
14	8	99 121	83 298,093	3 596 471,967	43,176	42,716
15	9	99 103	82 254,693	3 513 173,873	42,711	42,251
16	10	99 082	81 221,736	3 430 919,181	42,241	41,781
17	11	99 050	80 193,585	3 349 697,444	41,770	41,310
18	12	99 014	79 174,420	3 269 503,859	41,295	40,835
19	13	98 968	78 160,797	3 190 329,439	40,818	40,357
20	14	98 918	77 157,001	3 112 168,642	40,336	39,875
21	15	98 863	76 162,104	3 035 011,641	39,849	39,389
22	16	98 807	75 178,785	2 958 849,537	39,358	38,897
23	17	98 748	74 206,692	2 883 670,752	38,860	38,400
24	18	98 688	73 246,178	2 809 464,060	38,356	37,896
25	19	98 621	72 292,209	2 736 217,882	37,849	37,389
26	20	98 554	71 351,584	2 663 925,673	37,335	36,875
27	21	98 489	70 424,267	2 592 574,088	36,814	36,353
28	22	98 421	69 506,619	2 522 149,821	36,286	35,826
29	23	98 353	68 601,279	2 452 643,202	35,752	35,292
30	24	98 275	67 700,860	2 384 041,923	35,214	34,754
31	25	98 202	66 815,194	2 316 341,063	34,668	34,207
32	26	98 116	65 932,595	2 249 525,869	34,119	33,658
33	27	98 028	65 060,333	2 183 593,275	33,563	33,102
34	28	97 937	64 197,467	2 118 532,941	33,000	32,540
35	29	97 834	63 338,047	2 054 335,475	32,434	31,974
36	30	97 722	62 484,388	1 990 997,427	31,864	31,404
37	31	97 606	61 639,911	1 928 513,039	31,287	30,826
38	32	97 484	60 802,468	1 866 873,128	30,704	30,244
39	33	97 348	59 967,977	1 806 070,661	30,117	29,657
40	34	97 207	59 141,927	1 746 102,683	29,524	29,064
41	35	97 047	58 315,556	1 686 960,757	28,928	28,468
42	36	96 879	57 496,174	1 628 645,201	28,326	27,866
43	37	96 689	56 675,147	1 571 149,027	27,722	27,262
44	38	96 487	55 858,067	1 514 473,880	27,113	26,653
45	39	96 257	55 037,150	1 458 615,813	26,502	26,042
46	40	96 003	54 214,242	1 403 578,663	25,889	25,429
47	41	95 728	53 391,685	1 349 364,420	25,273	24,813
48	42	95 417	52 561,322	1 295 972,735	24,656	24,196
49	43	95 073	51 724,894	1 243 411,413	24,039	23,579
50	44	94 688	50 879,723	1 191 686,520	23,422	22,961
51	45	94 259	50 023,728	1 140 806,797	22,805	22,345
52	46	93 791	49 160,669	1 090 783,069	22,188	21,728
53	47	93 257	48 277,504	1 041 622,400	21,576	21,115
54	48	92 659	47 375,718	993 344,897	20,967	20,507
55	49	91 995	46 455,585	945 969,179	20,363	19,902
56	50	91 264	45 517,360	899 513,594	19,762	19,302
57	51	90 462	44 560,367	853 996,234	19,165	18,705
58	52	89 581	43 581,909	809 435,867	18,573	18,112
59	53	88 607	42 575,756	765 853,957	17,988	17,528
60	54	87 548	41 547,282	723 278,201	17,409	16,948
61	55	86 408	40 500,067	681 730,919	16,833	16,372
62	56	85 175	39 429,458	641 230,853	16,263	15,802
63	57	83 838	38 331,207	601 801,395	15,700	15,240
64	58	82 412	37 214,090	563 470,187	15,141	14,681
65	59	80 877	36 070,121	526 256,098	14,590	14,129
66	60	79 249	34 907,943	490 185,977	14,042	13,582
67	61	77 534	33 730,602	455 278,034	13,497	13,037
68	62	75 716	32 533,007	421 547,432	12,958	12,497
69	63	73 848	31 338,807	389 014,425	12,413	11,953
70	64	71 848	30 113,623	357 675,618	11,878	11,417
71	65	69 727	28 863,620	327 561,995	11,349	10,888
72	66	67 481	27 589,122	298 698,375	10,827	10,366
73	67	65 142	26 304,197	271 109,253	10,307	9,846
74	68	62 685	24 999,603	244 805,055	9,792	9,332
75	69	60 127	23 683,126	219 805,452	9,281	8,821
76	70	57 431	22 342,269	196 122,326	8,778	8,318
77	71	54 596	20 977,084	173 780,057	8,284	7,824
78	72	51 643	19 597,404	152 802,973	7,797	7,337
79	73	48 545	18 194,415	133 205,569	7,321	6,861
80	74	45 295	16 766,700	115 011,154	6,859	6,399
81	75	41 912	15 322,838	98 244,454	6,412	5,951
82	76	38 377	13 857,410	82 921,617	5,984	5,524
83	77	34 733	12 386,601	69 064,207	5,576	5,115
84	78	31 010	10 922,467	56 677,606	5,189	4,729
85	79	27 266	9 485,075	45 755,139	4,824	4,364
86	80	23 533	8 085,519	36 270,063	4,486	4,025
87	81	19 913	6 757,345	28 184,544	4,171	3,711
88	82	16 504	5 531,399	21 427,199	3,874	3,413
89	83	13 361	4 422,670	15 895,800	3,594	3,134
90	84	10 541	3 446,010	11 473,130	3,329	2,869
91	85	8 067	2 604,653	8 027,120	3,082	2,621
92	86	5 937	1 893,368	5 422,467	2,864	2,404
93	87	4 196	1 321,705	3 529,099	2,670	2,210
94	88	2 852	887,206	2 207,394	2,488	2,028
95	89	1 834	563,499	1 320,188	2,343	1,882
96	90	1 138	345,381	756,689	2,191	1,730
97	91	667	199,793	411,308	2,059	1,598
98	92	367	108,768	211,515	1,945	1,484
99	93	191	55,719	102,747	1,844	1,384
100	94	93	26,776	47,029	1,756	1,296

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	91 266,932	4 219 133,724	46,229	45,768
8	1	99 245	89 856,437	4 127 866,792	45,938	45,478
9	2	99 214	88 719,365	4 038 010,355	45,514	45,054
10	3	99 194	87 606,584	3 949 290,990	45,080	44,619
11	4	99 175	86 508,059	3 861 684,406	44,640	44,179
12	5	99 157	85 424,660	3 775 176,347	44,193	43,733
13	6	99 142	84 357,097	3 689 751,687	43,740	43,279
14	7	99 126	83 302,200	3 605 394,590	43,281	42,821
15	8	99 109	82 259,786	3 522 092,390	42,817	42,356
16	9	99 088	81 226,992	3 439 832,605	42,348	41,888
17	10	99 056	80 198,337	3 358 605,612	41,879	41,418
18	11	99 021	79 180,318	3 278 407,275	41,404	40,944
19	12	98 976	78 166,981	3 199 226,957	40,928	40,468
20	13	98 927	77 163,615	3 121 059,976	40,447	39,987
21	14	98 874	76 170,097	3 043 896,361	39,962	39,501
22	15	98 819	75 188,192	2 967 726,264	39,471	39,010
23	16	98 762	74 217,164	2 892 538,072	38,974	38,514
24	17	98 703	73 256,904	2 818 320,908	38,472	38,011
25	18	98 641	72 306,934	2 745 064,004	37,964	37,504
26	19	98 573	71 365,360	2 672 757,070	37,452	36,991
27	20	98 507	70 437,310	2 601 391,711	36,932	36,472
28	21	98 437	69 518,128	2 530 954,401	36,407	35,947
29	22	98 370	68 613,152	2 461 436,273	35,874	35,414
30	23	98 297	67 715,554	2 392 823,120	35,336	34,876
31	24	98 219	66 826,525	2 325 107,567	34,793	34,333
32	25	98 135	65 944,891	2 258 281,041	34,245	33,785
33	26	98 048	65 072,995	2 192 336,150	33,690	33,230
34	27	97 959	64 211,492	2 127 263,156	33,129	32,669
35	28	97 859	63 353,847	2 063 051,663	32,564	32,104
36	29	97 747	62 500,562	1 999 697,816	31,995	31,534
37	30	97 635	61 658,219	1 937 197,254	31,418	30,958
38	31	97 515	60 821,882	1 875 539,035	30,837	30,376
39	32	97 381	59 988,796	1 814 717,153	30,251	29,791
40	33	97 241	59 162,991	1 754 728,357	29,659	29,199
41	34	97 085	58 338,373	1 695 565,365	29,064	28,604
42	35	96 918	57 519,325	1 637 226,992	28,464	28,004
43	36	96 735	56 701,731	1 579 707,668	27,860	27,400
44	37	96 531	55 883,786	1 523 005,936	27,253	26,793
45	38	96 313	55 069,402	1 467 122,150	26,641	26,181
46	39	96 060	54 246,557	1 412 052,748	26,030	25,570
47	40	95 793	53 427,947	1 357 806,191	25,414	24,953
48	41	95 490	52 601,449	1 304 378,244	24,797	24,337
49	42	95 152	51 767,851	1 251 776,795	24,181	23,720
50	43	94 774	50 925,552	1 200 008,944	23,564	23,104
51	44	94 355	50 074,806	1 149 083,392	22,947	22,487
52	45	93 895	49 215,394	1 099 008,585	22,331	21,870
53	46	93 376	48 338,881	1 049 793,191	21,717	21,257
54	47	92 792	47 443,731	1 001 454,310	21,108	20,648
55	48	92 142	46 530,013	954 010,579	20,503	20,043
56	49	91 429	45 599,962	907 480,567	19,901	19,441
57	50	90 640	44 648,354	861 880,604	19,304	18,843
58	51	89 780	43 678,385	817 232,250	18,710	18,250
59	52	88 825	42 680,550	773 553,865	18,124	17,664
60	53	87 788	41 661,148	730 873,316	17,543	17,083
61	54	86 669	40 622,325	689 212,168	16,966	16,506
62	55	85 458	39 560,538	648 589,843	16,395	15,934
63	56	84 142	38 470,427	609 029,305	15,831	15,371
64	57	82 742	37 363,254	570 558,878	15,271	14,810
65	58	81 235	36 229,915	533 195,624	14,717	14,257
66	59	79 634	35 077,367	496 965,709	14,168	13,707
67	60	77 954	33 913,430	461 888,342	13,620	13,159
68	61	76 142	32 716,057	427 974,912	13,081	12,621
69	62	74 300	31 530,406	395 258,856	12,536	12,075
70	63	72 324	30 313,218	363 728,449	11,999	11,539
71	64	70 238	29 075,504	333 415,232	11,467	11,007
72	65	68 026	27 811,956	304 339,728	10,943	10,482
73	66	65 716	26 536,000	276 527,772	10,421	9,960
74	67	63 299	25 244,332	249 991,771	9,903	9,442
75	68	60 747	23 927,541	224 747,440	9,393	8,932
76	69	58 080	22 594,701	200 819,899	8,888	8,428
77	70	55 270	21 235,811	178 225,198	8,393	7,932
78	71	52 344	19 863,382	156 989,387	7,903	7,443
79	72	49 255	18 460,417	137 126,005	7,428	6,968
80	73	46 007	17 030,377	118 665,587	6,968	6,507
81	74	42 641	15 589,550	101 635,210	6,519	6,059
82	75	39 123	14 126,773	86 045,660	6,091	5,631
83	76	35 508	12 662,984	71 918,888	5,679	5,219
84	77	31 787	11 196,236	59 255,904	5,292	4,832
85	78	28 054	9 759,314	48 059,667	4,924	4,464
86	79	24 334	8 360,784	38 300,353	4,581	4,121
87	80	20 709	7 027,247	29 939,569	4,260	3,800
88	81	17 265	5 786,361	22 912,322	3,960	3,499
89	82	14 069	4 657,117	17 125,961	3,677	3,217
90	83	11 191	3 658,503	12 468,844	3,408	2,948
91	84	8 648	2 792,358	8 810,342	3,155	2,695
92	85	6 434	2 051,812	6 017,984	2,933	2,473
93	86	4 606	1 450,681	3 966,172	2,734	2,274
94	87	3 173	987,090	2 515,491	2,548	2,088
95	88	2 072	636,597	1 528,401	2,401	1,941
96	89	1 310	397,409	891,804	2,244	1,784
97	90	782	234,481	494,395	2,108	1,648
98	91	441	130,626	259,914	1,990	1,529
99	92	235	68,582	129,288	1,885	1,425
100	93	117	33,859	60,706	1,793	1,333

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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7						
8	0	99 550	90 132,590	4 136 395,216	45,892	45,432
9	1	99 237	88 739,868	4 046 262,625	45,597	45,137
10	2	99 206	87 617,017	3 957 522,757	45,168	44,708
11	3	99 187	86 518,367	3 869 905,739	44,729	44,269
12	4	99 166	85 432,429	3 783 387,372	44,285	43,825
13	5	99 149	84 363,424	3 697 954,944	43,834	43,373
14	6	99 132	83 307,684	3 613 591,520	43,376	42,916
15	7	99 114	82 263,841	3 530 283,836	42,914	42,454
16	8	99 094	81 232,022	3 448 019,996	42,447	41,986
17	9	99 062	80 203,527	3 366 787,974	41,978	41,518
18	10	99 027	79 185,010	3 286 584,447	41,505	41,045
19	11	98 983	78 172,804	3 207 399,437	41,030	40,569
20	12	98 934	77 169,721	3 129 226,633	40,550	40,090
21	13	98 882	76 176,627	3 052 056,913	40,066	39,605
22	14	98 829	75 196,082	2 975 880,286	39,575	39,115
23	15	98 774	74 226,450	2 900 684,204	39,079	38,618
24	16	98 717	73 267,242	2 826 457,754	38,577	38,117
25	17	98 655	72 317,522	2 753 190,512	38,071	37,610
26	18	98 593	71 379,896	2 680 872,989	37,558	37,097
27	19	98 526	70 450,909	2 609 493,094	37,040	36,579
28	20	98 455	69 531,003	2 539 042,185	36,517	36,056
29	21	98 386	68 624,514	2 469 511,182	35,986	35,525
30	22	98 314	67 727,274	2 400 886,668	35,449	34,989
31	23	98 240	66 841,029	2 333 159,395	34,906	34,446
32	24	98 151	65 956,075	2 266 318,366	34,361	33,901
33	25	98 066	65 085,130	2 200 362,291	33,807	33,347
34	26	97 978	64 223,989	2 135 277,160	33,247	32,787
35	27	97 880	63 367,689	2 071 053,172	32,683	32,223
36	28	97 772	62 516,153	2 007 685,483	32,115	31,654
37	29	97 661	61 674,179	1 945 169,330	31,539	31,079
38	30	97 544	60 839,947	1 883 495,151	30,958	30,498
39	31	97 413	60 007,950	1 822 655,203	30,374	29,913
40	32	97 275	59 183,531	1 762 647,253	29,783	29,322
41	33	97 119	58 359,152	1 703 463,722	29,189	28,729
42	34	96 956	57 541,830	1 645 104,570	28,590	28,129
43	35	96 774	56 724,562	1 587 562,740	27,987	27,527
44	36	96 576	55 909,999	1 530 838,178	27,380	26,920
45	37	96 358	55 094,758	1 474 928,179	26,771	26,310
46	38	96 117	54 278,346	1 419 833,421	26,158	25,698
47	39	95 850	53 459,793	1 365 555,075	25,544	25,083
48	40	95 555	52 637,174	1 312 095,282	24,927	24,467
49	41	95 224	51 807,373	1 259 458,108	24,310	23,850
50	42	94 852	50 967,846	1 207 650,735	23,694	23,234
51	43	94 440	50 119,911	1 156 682,889	23,078	22,618
52	44	93 991	49 265,647	1 106 562,979	22,461	22,001
53	45	93 480	48 392,691	1 057 297,331	21,848	21,388
54	46	92 910	47 504,048	1 008 904,640	21,238	20,778
55	47	92 275	46 596,811	961 400,592	20,632	20,172
56	48	91 576	45 673,020	914 803,780	20,029	19,569
57	49	90 805	44 729,379	869 130,761	19,431	18,970
58	50	89 957	43 764,631	824 401,382	18,837	18,377
59	51	89 022	42 775,030	780 636,751	18,250	17,789
60	52	88 004	41 763,690	737 861,721	17,668	17,207
61	53	86 906	40 733,656	696 098,031	17,089	16,629
62	54	85 716	39 679,960	655 364,375	16,516	16,056
63	55	84 422	38 598,319	615 684,415	15,951	15,491
64	56	83 043	37 498,959	577 086,096	15,389	14,929
65	57	81 561	36 375,134	539 587,138	14,834	14,374
66	58	79 987	35 232,763	503 212,003	14,283	13,822
67	59	78 332	34 078,027	467 979,241	13,733	13,272
68	60	76 555	32 893,386	433 901,214	13,191	12,731
69	61	74 718	31 707,815	401 007,828	12,647	12,187
70	62	72 766	30 498,546	369 300,013	12,109	11,648
71	63	70 704	29 268,218	338 801,467	11,576	11,115
72	64	68 525	28 016,119	309 533,249	11,048	10,588
73	65	66 247	26 750,328	281 517,130	10,524	10,063
74	66	63 857	25 466,795	254 766,801	10,004	9,543
75	67	61 342	24 161,775	229 300,007	9,490	9,030
76	68	58 680	22 827,883	205 138,232	8,986	8,526
77	69	55 894	21 475,742	182 310,349	8,489	8,029
78	70	52 989	20 108,373	160 834,607	7,998	7,538
79	71	49 923	18 710,964	140 726,234	7,521	7,061
80	72	46 680	17 279,361	122 015,270	7,061	6,601
81	73	43 312	15 834,715	104 735,909	6,614	6,154
82	74	39 804	14 372,666	88 901,194	6,185	5,725
83	75	36 198	12 909,129	74 528,527	5,773	5,313
84	76	32 497	11 446,059	61 619,398	5,383	4,923
85	77	28 757	10 003,929	50 173,339	5,015	4,555
86	78	25 038	8 602,517	40 169,410	4,669	4,209
87	79	21 414	7 266,484	31 566,894	4,344	3,884
88	80	17 955	6 017,480	24 300,410	4,038	3,578
89	81	14 718	4 871,780	18 282,929	3,753	3,292
90	82	11 784	3 852,440	13 411,150	3,481	3,021
91	83	9 181	2 964,544	9 558,709	3,224	2,764
92	84	6 898	2 199,676	6 594,165	2,998	2,537
93	85	4 991	1 572,079	4 394,489	2,795	2,335
94	86	3 483	1 083,413	2 822,409	2,605	2,145
95	87	2 305	708,266	1 738,996	2,455	1,995
96	88	1 480	448,961	1 030,730	2,296	1,835
97	89	900	269,803	581,769	2,156	1,696
98	90	518	153,306	311,965	2,035	1,575
99	91	282	82,364	158,660	1,926	1,466
100	92	144	41,676	76,295	1,831	1,370

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9	0	99 542	89 012,591	4 054 110,123	45,545	45,085
10	1	99 229	87 637,267	3 965 097,532	45,244	44,784
11	2	99 199	86 528,671	3 877 460,266	44,811	44,351
12	3	99 178	85 442,608	3 790 931,595	44,368	43,908
13	4	99 158	84 371,096	3 705 488,987	43,919	43,459
14	5	99 140	83 313,932	3 621 117,891	43,464	43,003
15	6	99 120	82 269,256	3 537 803,960	43,003	42,542
16	7	99 099	81 236,026	3 455 534,703	42,537	42,077
17	8	99 069	80 208,493	3 374 298,677	42,069	41,609
18	9	99 033	79 190,134	3 294 090,184	41,597	41,137
19	10	98 989	78 177,436	3 214 900,051	41,123	40,663
20	11	98 942	77 175,469	3 136 722,614	40,644	40,184
21	12	98 890	76 182,654	3 059 547,145	40,161	39,700
22	13	98 838	75 202,529	2 983 364,491	39,671	39,211
23	14	98 785	74 234,240	2 908 161,963	39,175	38,715
24	15	98 729	73 276,409	2 833 927,723	38,674	38,214
25	16	98 669	72 327,728	2 760 651,314	38,169	37,708
26	17	98 608	71 390,348	2 688 323,586	37,657	37,196
27	18	98 546	70 465,258	2 616 933,237	37,138	36,678
28	19	98 474	69 544,427	2 546 467,979	36,616	36,156
29	20	98 405	68 637,223	2 476 923,552	36,087	35,627
30	21	98 330	67 738,488	2 408 286,329	35,553	35,092
31	22	98 257	66 852,598	2 340 547,841	35,011	34,550
32	23	98 173	65 970,389	2 273 695,243	34,465	34,005
33	24	98 082	65 096,169	2 207 724,854	33,915	33,454
34	25	97 996	64 235,966	2 142 628,685	33,356	32,895
35	26	97 899	63 380,021	2 078 392,719	32,793	32,332
36	27	97 793	62 529,811	2 015 012,698	32,225	31,764
37	28	97 685	61 689,564	1 952 482,887	31,650	31,190
38	29	97 569	60 855,696	1 890 793,322	31,070	30,610
39	30	97 442	60 025,774	1 829 937,627	30,486	30,025
40	31	97 306	59 202,428	1 769 911,853	29,896	29,436
41	32	97 153	58 379,412	1 710 709,425	29,303	28,843
42	33	96 991	57 562,325	1 652 330,013	28,705	28,245
43	34	96 812	56 746,757	1 594 767,688	28,103	27,643
44	35	96 615	55 932,511	1 538 020,931	27,498	27,037
45	36	96 403	55 120,601	1 482 088,420	26,888	26,428
46	37	96 161	54 303,338	1 426 967,819	26,278	25,817
47	38	95 907	53 491,120	1 372 664,481	25,662	25,201
48	39	95 612	52 668,549	1 319 173,361	25,047	24,586
49	40	95 289	51 842,559	1 266 504,812	24,430	23,969
50	41	94 925	51 006,757	1 214 662,254	23,814	23,353
51	42	94 519	50 161,535	1 163 655,497	23,198	22,738
52	43	94 076	49 310,023	1 113 493,962	22,581	22,121
53	44	93 575	48 442,104	1 064 183,938	21,968	21,508
54	45	93 013	47 556,929	1 015 741,834	21,358	20,898
55	46	92 392	46 656,052	968 184,905	20,752	20,291
56	47	91 707	45 738,588	921 528,853	20,148	19,687
57	48	90 950	44 801,042	875 790,265	19,548	19,088
58	49	90 120	43 844,052	830 989,223	18,953	18,493
59	50	89 198	42 859,492	787 145,171	18,366	17,905
60	51	88 198	41 856,141	744 285,679	17,782	17,322
61	52	87 120	40 833,915	702 429,538	17,202	16,742
62	53	85 951	39 788,708	661 595,623	16,628	16,167
63	54	84 677	38 714,836	621 806,915	16,061	15,601
64	55	83 319	37 623,620	583 092,078	15,498	15,038
65	56	81 857	36 507,250	545 468,458	14,941	14,481
66	57	80 307	35 373,985	508 961,208	14,388	13,928
67	58	78 679	34 228,996	473 587,223	13,836	13,375
68	59	76 926	33 053,032	439 358,227	13,293	12,832
69	60	75 123	31 879,679	406 305,195	12,745	12,285
70	61	73 176	30 670,149	374 425,516	12,208	11,748
71	62	71 136	29 447,158	343 755,367	11,674	11,213
72	63	68 979	28 201,812	314 308,210	11,145	10,685
73	64	66 733	26 946,698	286 106,398	10,617	10,157
74	65	64 372	25 672,487	259 159,699	10,095	9,634
75	66	61 882	24 374,698	233 487,213	9,579	9,119
76	67	59 254	23 051,352	209 112,515	9,072	8,611
77	68	56 471	21 697,376	186 061,162	8,575	8,115
78	69	53 588	20 335,566	164 363,786	8,083	7,622
79	70	50 539	18 941,741	144 028,220	7,604	7,143
80	71	47 313	17 513,878	125 086,479	7,142	6,682
81	72	43 945	16 066,219	107 572,601	6,696	6,235
82	73	40 430	14 598,694	91 506,382	6,268	5,808
83	74	36 828	13 133,828	76 907,688	5,856	5,395
84	75	33 128	11 668,549	63 773,860	5,465	5,005
85	76	29 399	10 227,148	52 105,311	5,095	4,634
86	77	25 665	8 818,137	41 878,163	4,749	4,289
87	78	22 033	7 476,577	33 060,027	4,422	3,961
88	79	18 566	6 222,340	25 583,449	4,112	3,651
89	80	15 306	5 066,369	19 361,109	3,821	3,361
90	81	12 327	4 030,013	14 294,740	3,547	3,087
91	82	9 668	3 121,695	10 264,727	3,288	2,828
92	83	7 323	2 335,316	7 143,032	3,059	2,598
93	84	5 351	1 685,372	4 807,716	2,853	2,392
94	85	3 774	1 174,077	3 122,344	2,659	2,199
95	86	2 530	777,381	1 948,267	2,506	2,046
96	87	1 646	499,507	1 170,886	2,344	1,884
97	88	1 017	304,802	671,379	2,203	1,742
98	89	596	176,400	366,577	2,078	1,618
99	90	331	96,664	190,178	1,967	1,507
100	91	173	50,051	93,513	1,868	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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4						
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9						
10	0	99 534	87 906,600	3 972 316,550	45,188	44,728
11	1	99 221	86 548,668	3 884 409,950	44,881	44,421
12	2	99 190	85 452,784	3 797 861,282	44,444	43,984
13	3	99 170	84 381,149	3 712 408,498	43,996	43,535
14	4	99 149	83 321,508	3 628 027,349	43,543	43,082
15	5	99 128	82 275,426	3 544 705,841	43,083	42,623
16	6	99 106	81 241,374	3 462 430,415	42,619	42,159
17	7	99 073	80 212,447	3 381 189,041	42,153	41,693
18	8	99 040	79 195,037	3 300 976,594	41,682	41,221
19	9	98 995	78 182,495	3 221 781,557	41,208	40,748
20	10	98 948	77 180,042	3 143 599,062	40,731	40,270
21	11	98 897	76 188,329	3 066 419,019	40,248	39,787
22	12	98 846	75 208,479	2 990 230,691	39,759	39,299
23	13	98 793	74 240,604	2 915 022,212	39,265	38,804
24	14	98 739	73 284,099	2 840 781,608	38,764	38,304
25	15	98 681	72 336,777	2 767 497,509	38,259	37,798
26	16	98 622	71 400,423	2 695 160,731	37,747	37,287
27	17	98 561	70 475,577	2 623 760,308	37,229	36,769
28	18	98 494	69 558,592	2 553 284,731	36,707	36,247
29	19	98 424	68 650,474	2 483 726,139	36,179	35,719
30	20	98 348	67 751,034	2 415 075,665	35,646	35,186
31	21	98 273	66 863,667	2 347 324,631	35,106	34,646
32	22	98 190	65 981,807	2 280 460,964	34,562	34,102
33	23	98 104	65 110,297	2 214 479,157	34,011	33,551
34	24	98 013	64 246,861	2 149 368,860	33,455	32,994
35	25	97 917	63 391,841	2 085 121,999	32,893	32,432
36	26	97 812	62 541,980	2 021 730,159	32,326	31,866
37	27	97 706	61 703,042	1 959 188,178	31,752	31,292
38	28	97 593	60 870,877	1 897 485,136	31,172	30,712
39	29	97 467	60 041,311	1 836 614,260	30,589	30,129
40	30	97 335	59 220,012	1 776 572,948	30,000	29,539
41	31	97 184	58 398,052	1 717 352,936	29,408	28,947
42	32	97 024	57 582,309	1 658 954,883	28,810	28,350
43	33	96 846	56 766,968	1 601 372,575	28,210	27,749
44	34	96 653	55 954,396	1 544 605,606	27,605	27,144
45	35	96 442	55 142,795	1 488 651,211	26,996	26,536
46	36	96 206	54 328,810	1 433 508,415	26,386	25,925
47	37	95 951	53 515,749	1 379 179,606	25,771	25,311
48	38	95 668	52 699,413	1 325 663,856	25,155	24,695
49	39	95 346	51 873,460	1 272 964,443	24,540	24,079
50	40	94 989	51 041,399	1 221 090,984	23,924	23,463
51	41	94 591	50 199,831	1 170 049,585	23,308	22,847
52	42	94 154	49 350,975	1 119 849,755	22,692	22,231
53	43	93 659	48 485,738	1 070 498,779	22,079	21,618
54	44	93 108	47 605,489	1 022 013,041	21,468	21,008
55	45	92 495	46 707,989	974 407,553	20,862	20,401
56	46	91 824	45 796,738	927 699,563	20,257	19,797
57	47	91 081	44 865,358	881 902,826	19,657	19,196
58	48	90 265	43 914,296	837 037,468	19,061	18,600
59	49	89 360	42 937,271	793 123,172	18,472	18,011
60	50	88 373	41 938,789	750 185,901	17,888	17,427
61	51	87 313	40 924,308	708 247,112	17,306	16,846
62	52	86 163	39 886,642	667 322,804	16,730	16,270
63	53	84 909	38 820,939	627 436,163	16,162	15,702
64	54	83 570	37 737,195	588 615,223	15,598	15,137
65	55	82 129	36 628,615	550 878,028	15,040	14,579
66	56	80 599	35 502,465	514 249,413	14,485	14,025
67	57	78 995	34 366,195	478 746,948	13,931	13,470
68	58	77 267	33 199,460	444 380,753	13,385	12,925
69	59	75 487	32 034,405	411 181,293	12,836	12,375
70	60	73 573	30 836,388	379 146,887	12,295	11,835
71	61	71 536	29 612,845	348 310,499	11,762	11,302
72	62	69 401	28 374,232	318 697,654	11,232	10,772
73	63	67 176	27 125,303	290 323,423	10,703	10,243
74	64	64 845	25 860,945	263 198,120	10,177	9,717
75	65	62 382	24 571,569	237 337,175	9,659	9,199
76	66	59 776	23 254,490	212 765,606	9,149	8,689
77	67	57 024	21 909,778	189 511,116	8,650	8,189
78	68	54 141	20 545,433	167 601,337	8,158	7,697
79	69	51 110	19 155,753	147 055,905	7,677	7,216
80	70	47 897	17 729,891	127 900,152	7,214	6,753
81	71	44 542	16 284,271	110 170,261	6,765	6,305
82	72	41 021	14 812,127	93 885,990	6,338	5,878
83	73	37 407	13 340,374	79 073,863	5,927	5,467
84	74	33 705	11 871,655	65 733,489	5,537	5,077
85	75	29 970	10 425,945	53 861,835	5,166	4,706
86	76	26 238	9 014,896	43 435,890	4,818	4,358
87	77	22 585	7 663,976	34 420,994	4,491	4,031
88	78	19 103	6 402,245	26 757,018	4,179	3,719
89	79	15 827	5 238,849	20 354,773	3,885	3,425
90	80	12 819	4 190,980	15 115,924	3,607	3,146
91	81	10 114	3 265,585	10 924,944	3,345	2,885
92	82	7 711	2 459,111	7 659,358	3,115	2,654
93	83	5 681	1 789,297	5 200,247	2,906	2,446
94	84	4 046	1 258,687	3 410,949	2,710	2,250
95	85	2 742	842,435	2 152,262	2,555	2,094
96	86	1 807	548,250	1 309,827	2,389	1,929
97	87	1 132	339,117	761,577	2,246	1,785
98	88	673	199,282	422,460	2,120	1,660
99	89	380	111,226	223,177	2,007	1,546
100	90	203	58,741	111,951	1,906	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	86 814,656	3 891 050,357	44,820	44,360
12	1	99 213	85 472,533	3 804 235,701	44,508	44,048
13	2	99 182	84 391,198	3 718 763,168	44,066	43,605
14	3	99 161	83 331,436	3 634 371,970	43,613	43,153
15	4	99 137	82 282,908	3 551 040,534	43,156	42,696
16	5	99 113	81 247,467	3 468 757,626	42,694	42,233
17	6	99 080	80 217,727	3 387 510,159	42,229	41,769
18	7	99 044	79 198,941	3 307 292,431	41,759	41,299
19	8	99 002	78 187,336	3 228 093,490	41,287	40,826
20	9	98 954	77 185,037	3 149 906,154	40,810	40,349
21	10	98 903	76 192,843	3 072 721,118	40,328	39,868
22	11	98 853	75 214,081	2 996 528,274	39,840	39,380
23	12	98 801	74 246,478	2 921 314,193	39,346	38,886
24	13	98 748	73 290,382	2 847 067,715	38,846	38,386
25	14	98 692	72 344,369	2 773 777,334	38,341	37,881
26	15	98 634	71 409,357	2 701 432,965	37,830	37,370
27	16	98 575	70 485,523	2 630 023,608	37,313	36,853
28	17	98 509	69 568,778	2 559 538,085	36,791	36,331
29	18	98 444	68 664,457	2 489 969,307	36,263	35,802
30	19	98 367	67 764,114	2 421 304,850	35,731	35,271
31	20	98 292	66 876,051	2 353 540,736	35,193	34,732
32	21	98 206	65 992,733	2 286 664,685	34,650	34,190
33	22	98 121	65 121,566	2 220 671,952	34,100	33,640
34	23	98 034	64 260,804	2 155 550,387	33,544	33,083
35	24	97 934	63 402,592	2 091 289,583	32,984	32,524
36	25	97 830	62 553,644	2 027 886,991	32,418	31,958
37	26	97 725	61 715,050	1 965 333,346	31,845	31,385
38	27	97 615	60 884,175	1 903 618,296	31,266	30,806
39	28	97 491	60 056,289	1 842 734,121	30,683	30,223
40	29	97 360	59 235,341	1 782 677,832	30,095	29,634
41	30	97 213	58 415,398	1 723 442,490	29,503	29,043
42	31	97 055	57 600,695	1 665 027,092	28,906	28,446
43	32	96 880	56 786,676	1 607 426,398	28,306	27,846
44	33	96 687	55 974,325	1 550 639,722	27,703	27,242
45	34	96 480	55 164,371	1 494 665,397	27,095	26,634
46	35	96 245	54 350,685	1 439 501,026	26,485	26,025
47	36	95 996	53 540,852	1 385 150,341	25,871	25,411
48	37	95 712	52 723,678	1 331 609,489	25,256	24,796
49	38	95 402	51 903,858	1 278 885,812	24,640	24,179
50	39	95 046	51 071,822	1 226 981,954	24,025	23,564
51	40	94 655	50 233,924	1 175 910,132	23,409	22,948
52	41	94 226	49 388,652	1 125 676,207	22,792	22,332
53	42	93 737	48 526,006	1 076 287,556	22,180	21,719
54	43	93 192	47 648,369	1 027 761,550	21,570	21,109
55	44	92 589	46 755,682	980 113,181	20,962	20,502
56	45	91 926	45 847,718	933 357,499	20,358	19,897
57	46	91 197	44 922,397	887 509,781	19,757	19,296
58	47	90 394	43 977,339	842 587,383	19,160	18,699
59	48	89 503	43 006,062	798 610,044	18,570	18,109
60	49	88 533	42 014,896	755 603,982	17,984	17,524
61	50	87 485	41 005,116	713 589,086	17,402	16,942
62	51	86 353	39 974,937	672 583,970	16,825	16,365
63	52	85 118	38 916,491	632 609,032	16,256	15,795
64	53	83 799	37 840,619	593 692,541	15,689	15,229
65	54	82 377	36 739,187	555 851,922	15,130	14,669
66	55	80 867	35 620,489	519 112,736	14,573	14,113
67	56	79 282	34 491,014	483 492,246	14,018	13,558
68	57	77 577	33 332,533	449 001,232	13,470	13,010
69	58	75 822	32 176,321	415 668,699	12,918	12,458
70	59	73 930	30 986,051	383 492,379	12,376	11,916
71	60	71 924	29 773,353	352 506,327	11,840	11,379
72	61	69 792	28 533,882	322 732,974	11,311	10,850
73	62	67 586	27 291,141	294 199,092	10,780	10,320
74	63	65 275	26 032,352	266 907,951	10,253	9,793
75	64	62 840	24 751,946	240 875,599	9,732	9,271
76	65	60 259	23 442,314	216 123,653	9,219	8,759
77	66	57 526	22 102,856	192 681,339	8,717	8,257
78	67	54 671	20 746,558	170 578,483	8,222	7,762
79	68	51 638	19 353,444	149 831,925	7,742	7,281
80	69	48 438	17 930,210	130 478,481	7,277	6,817
81	70	45 091	16 485,118	112 548,270	6,827	6,367
82	71	41 578	15 013,159	96 063,153	6,399	5,938
83	72	37 954	13 535,410	81 049,994	5,988	5,528
84	73	34 235	12 058,351	67 514,584	5,599	5,139
85	74	30 492	10 607,421	55 456,233	5,228	4,768
86	75	26 748	9 190,129	44 848,812	4,880	4,420
87	76	23 089	7 834,983	35 658,683	4,551	4,091
88	77	19 582	6 562,716	27 823,700	4,240	3,779
89	78	16 284	5 390,318	21 260,984	3,944	3,484
90	79	13 256	4 333,659	15 870,666	3,662	3,202
91	80	10 518	3 396,020	11 537,007	3,397	2,937
92	81	8 067	2 572,460	8 140,988	3,165	2,704
93	82	5 982	1 884,148	5 568,527	2,955	2,495
94	83	4 296	1 336,302	3 684,379	2,757	2,297
95	84	2 940	903,145	2 348,077	2,600	2,139
96	85	1 958	594,130	1 444,931	2,432	1,972
97	86	1 242	372,210	850,801	2,286	1,825
98	87	749	221,718	478,592	2,159	1,698
99	88	430	125,654	256,874	2,044	1,584
100	89	234	67,590	131,220	1,941	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	85 735,213	3 810 344,415	44,443	43,983
13	1	99 205	84 410,701	3 724 609,202	44,125	43,664
14	2	99 172	83 341,360	3 640 198,501	43,678	43,218
15	3	99 149	82 292,713	3 556 857,140	43,222	42,762
16	4	99 122	81 254,856	3 474 564,427	42,761	42,301
17	5	99 087	80 223,744	3 393 309,572	42,298	41,838
18	6	99 051	79 204,155	3 313 085,828	41,830	41,369
19	7	99 006	78 191,190	3 233 881,673	41,359	40,898
20	8	98 960	77 189,815	3 155 690,483	40,882	40,422
21	9	98 909	76 197,774	3 078 500,667	40,401	39,941
22	10	98 859	75 218,538	3 002 302,893	39,914	39,454
23	11	98 808	74 252,008	2 927 084,355	39,421	38,961
24	12	98 756	73 296,181	2 852 832,347	38,922	38,462
25	13	98 700	72 350,571	2 779 536,167	38,418	37,957
26	14	98 644	71 416,851	2 707 185,596	37,907	37,446
27	15	98 587	70 494,342	2 635 768,745	37,390	36,929
28	16	98 523	69 578,596	2 565 274,403	36,869	36,408
29	17	98 458	68 674,512	2 495 695,807	36,341	35,881
30	18	98 387	67 777,916	2 427 021,295	35,808	35,348
31	19	98 311	66 888,962	2 359 243,379	35,271	34,811
32	20	98 224	66 004,955	2 292 354,417	34,730	34,270
33	21	98 137	65 132,349	2 226 349,462	34,182	33,722
34	22	98 051	64 271,926	2 161 217,113	33,626	33,166
35	23	97 955	63 416,352	2 096 945,187	33,066	32,606
36	24	97 847	62 564,253	2 033 528,834	32,503	32,043
37	25	97 744	61 726,560	1 970 964,581	31,931	31,470
38	26	97 634	60 896,024	1 909 238,022	31,352	30,892
39	27	97 512	60 069,410	1 848 341,998	30,770	30,310
40	28	97 385	59 250,118	1 788 272,587	30,182	29,721
41	29	97 238	58 430,519	1 729 022,469	29,591	29,131
42	30	97 084	57 617,803	1 670 591,951	28,994	28,534
43	31	96 911	56 804,808	1 612 974,148	28,395	27,935
44	32	96 721	55 993,758	1 556 169,340	27,792	27,331
45	33	96 514	55 184,019	1 500 175,582	27,185	26,725
46	34	96 282	54 371,950	1 444 991,563	26,576	26,116
47	35	96 034	53 562,410	1 390 619,613	25,963	25,502
48	36	95 757	52 748,409	1 337 057,203	25,348	24,887
49	37	95 446	51 927,756	1 284 308,794	24,733	24,272
50	38	95 102	51 101,750	1 232 381,038	24,116	23,656
51	39	94 711	50 263,867	1 181 279,288	23,502	23,041
52	40	94 290	49 422,194	1 131 015,421	22,885	22,424
53	41	93 809	48 563,052	1 081 593,227	22,272	21,812
54	42	93 270	47 687,941	1 033 030,174	21,662	21,202
55	43	92 673	46 797,797	985 342,233	21,055	20,595
56	44	92 020	45 894,532	938 544,436	20,450	19,990
57	45	91 298	44 972,405	892 649,904	19,849	19,388
58	46	90 509	44 033,250	847 677,499	19,251	18,790
59	47	89 631	43 067,802	803 644,249	18,660	18,200
60	48	88 675	42 082,210	760 576,448	18,074	17,613
61	49	87 644	41 079,529	718 494,238	17,490	17,030
62	50	86 524	40 053,870	677 414,709	16,913	16,452
63	51	85 306	39 002,639	637 360,838	16,341	15,881
64	52	84 006	37 933,758	598 358,199	15,774	15,313
65	53	82 603	36 839,875	560 424,441	15,212	14,752
66	54	81 111	35 728,018	523 584,566	14,655	14,194
67	55	79 545	34 605,676	487 856,548	14,098	13,637
68	56	77 858	33 453,597	453 250,872	13,549	13,088
69	57	76 126	32 305,292	419 797,274	12,995	12,534
70	58	74 257	31 123,322	387 491,982	12,450	11,990
71	59	72 273	29 917,857	356 368,660	11,912	11,451
72	60	70 170	28 688,542	326 450,803	11,379	10,919
73	61	67 967	27 444,697	297 762,261	10,850	10,389
74	62	65 674	26 191,509	270 317,564	10,321	9,860
75	63	63 257	24 916,003	244 126,055	9,798	9,338
76	64	60 701	23 614,400	219 210,052	9,283	8,823
77	65	57 991	22 281,378	195 595,652	8,778	8,318
78	66	55 153	20 929,385	173 314,274	8,281	7,821
79	67	52 143	19 542,901	152 384,888	7,797	7,337
80	68	48 938	18 115,254	132 841,987	7,333	6,873
81	69	45 600	16 671,373	114 726,733	6,882	6,421
82	70	42 091	15 198,328	98 055,360	6,452	5,991
83	71	38 469	13 719,114	82 857,032	6,040	5,579
84	72	34 736	12 234,644	69 137,918	5,651	5,191
85	73	30 972	10 774,236	56 903,274	5,281	4,821
86	74	27 214	9 350,095	46 129,038	4,934	4,473
87	75	23 538	7 987,281	36 778,944	4,605	4,144
88	76	20 018	6 709,150	28 791,663	4,291	3,831
89	77	16 693	5 525,425	22 082,513	3,997	3,536
90	78	13 639	4 458,956	16 557,088	3,713	3,253
91	79	10 876	3 511,634	12 098,131	3,445	2,985
92	80	8 389	2 675,210	8 586,497	3,210	2,749
93	81	6 258	1 970,996	5 911,287	2,999	2,539
94	82	4 523	1 407,140	3 940,292	2,800	2,340
95	83	3 121	958,836	2 533,152	2,642	2,182
96	84	2 099	636,946	1 574,316	2,472	2,011
97	85	1 346	403,357	937,370	2,324	1,864
98	86	822	243,354	534,012	2,194	1,734
99	87	478	139,801	290,658	2,079	1,619
100	88	264	76,358	150,858	1,976	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12						
13	0	99 510	84 670,119	3 730 229,980	44,056	43,596
14	1	99 195	83 360,621	3 645 559,861	43,732	43,272
15	2	99 160	82 302,513	3 562 199,240	43,282	42,821
16	3	99 134	81 264,537	3 479 896,727	42,822	42,361
17	4	99 096	80 231,039	3 398 632,189	42,361	41,900
18	5	99 058	79 210,095	3 318 401,150	41,894	41,433
19	6	99 013	78 196,338	3 239 191,055	41,424	40,963
20	7	98 965	77 193,621	3 160 994,717	40,949	40,489
21	8	98 916	76 202,492	3 083 801,096	40,469	40,008
22	9	98 865	75 223,406	3 007 598,605	39,982	39,522
23	10	98 814	74 256,408	2 932 375,199	39,490	39,029
24	11	98 763	73 301,640	2 858 118,791	38,991	38,531
25	12	98 708	72 356,295	2 784 817,151	38,488	38,027
26	13	98 653	71 422,973	2 712 460,855	37,977	37,517
27	14	98 597	70 501,740	2 641 037,882	37,461	37,000
28	15	98 535	69 587,301	2 570 536,142	36,940	36,479
29	16	98 472	68 684,204	2 500 948,841	36,412	35,952
30	17	98 402	67 787,842	2 432 264,637	35,881	35,420
31	18	98 331	66 902,586	2 364 476,795	35,342	34,882
32	19	98 243	66 017,698	2 297 574,209	34,802	34,342
33	20	98 155	65 144,412	2 231 556,511	34,256	33,795
34	21	98 067	64 282,569	2 166 412,100	33,701	33,241
35	22	97 972	63 427,328	2 102 129,531	33,142	32,682
36	23	97 868	62 577,832	2 038 702,203	32,579	32,118
37	24	97 760	61 737,028	1 976 124,371	32,009	31,548
38	25	97 652	60 907,381	1 914 387,343	31,431	30,971
39	26	97 531	60 081,100	1 853 479,962	30,850	30,389
40	27	97 406	59 263,063	1 793 398,862	30,262	29,801
41	28	97 262	58 445,094	1 734 135,799	29,671	29,211
42	29	97 109	57 632,717	1 675 690,705	29,075	28,615
43	30	96 939	56 821,680	1 618 057,987	28,476	28,016
44	31	96 752	56 011,636	1 561 236,307	27,873	27,413
45	32	96 547	55 203,177	1 505 224,671	27,267	26,807
46	33	96 317	54 391,316	1 450 021,494	26,659	26,199
47	34	96 072	53 583,367	1 395 630,177	26,046	25,586
48	35	95 796	52 769,647	1 342 046,810	25,432	24,972
49	36	95 490	51 952,114	1 289 277,163	24,817	24,356
50	37	95 145	51 125,280	1 237 325,049	24,202	23,741
51	38	94 767	50 293,321	1 186 199,770	23,586	23,125
52	39	94 346	49 451,653	1 135 906,448	22,970	22,510
53	40	93 872	48 596,035	1 086 454,795	22,357	21,896
54	41	93 341	47 724,348	1 037 858,761	21,747	21,287
55	42	92 750	46 836,662	990 134,413	21,140	20,680
56	43	92 103	45 935,872	943 297,750	20,535	20,075
57	44	91 392	45 018,325	897 361,879	19,933	19,473
58	45	90 610	44 082,267	852 343,553	19,335	18,875
59	46	89 745	43 122,556	808 261,286	18,743	18,283
60	47	88 802	42 142,623	765 138,730	18,156	17,696
61	48	87 784	41 145,344	722 996,107	17,572	17,111
62	49	86 681	40 126,557	681 850,763	16,993	16,532
63	50	85 475	39 079,652	641 724,205	16,421	15,961
64	51	84 191	38 017,731	602 644,553	15,852	15,391
65	52	82 806	36 930,551	564 626,822	15,289	14,828
66	53	81 334	35 825,935	527 696,272	14,729	14,269
67	54	79 785	34 710,141	491 870,337	14,171	13,710
68	55	78 117	33 564,811	457 160,195	13,620	13,160
69	56	76 402	32 422,626	423 595,384	13,065	12,604
70	57	74 555	31 248,073	391 172,758	12,518	12,058
71	58	72 593	30 050,396	359 924,685	11,977	11,517
72	59	70 510	28 827,781	329 874,289	11,443	10,983
73	60	68 335	27 593,454	301 046,509	10,910	10,450
74	61	66 043	26 338,878	273 453,055	10,382	9,922
75	62	63 643	25 068,334	247 114,177	9,858	9,397
76	63	61 104	23 770,918	222 045,843	9,341	8,881
77	64	58 417	22 444,942	198 274,926	8,834	8,373
78	65	55 598	21 098,429	175 829,983	8,334	7,873
79	66	52 603	19 715,121	154 731,554	7,848	7,388
80	67	49 417	18 292,590	135 016,433	7,381	6,921
81	68	46 071	16 843,425	116 723,843	6,930	6,470
82	69	42 566	15 370,045	99 880,418	6,498	6,038
83	70	38 944	13 888,323	84 510,373	6,085	5,625
84	71	35 207	12 400,694	70 622,050	5,695	5,235
85	72	31 424	10 931,755	58 221,356	5,326	4,866
86	73	27 642	9 497,137	47 289,602	4,979	4,519
87	74	23 948	8 126,309	37 792,465	4,651	4,190
88	75	20 408	6 839,564	29 666,156	4,337	3,877
89	76	17 065	5 648,714	22 826,592	4,041	3,581
90	77	13 981	4 570,719	17 177,878	3,758	3,298
91	78	11 190	3 613,165	12 607,159	3,489	3,029
92	79	8 674	2 766,285	8 993,994	3,251	2,791
93	80	6 508	2 049,721	6 227,709	3,038	2,578
94	81	4 732	1 472,000	4 177,988	2,838	2,378
95	82	3 286	1 009,665	2 705,988	2,680	2,220
96	83	2 228	676,222	1 696,323	2,509	2,048
97	84	1 443	432,425	1 020,101	2,359	1,899
98	85	891	263,719	587,676	2,228	1,768
99	86	525	153,443	323,957	2,111	1,651
100	87	294	84,954	170,514	2,007	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	83 616,812	3 650 733,190	43,660	43,200
15	1	99 183	82 321,534	3 567 116,378	43,332	42,871
16	2	99 146	81 274,215	3 484 794,844	42,877	42,417
17	3	99 108	80 240,599	3 403 520,629	42,416	41,956
18	4	99 067	79 217,298	3 323 280,030	41,951	41,491
19	5	99 020	78 202,203	3 244 062,731	41,483	41,023
20	6	98 972	77 198,703	3 165 860,529	41,009	40,549
21	7	98 920	76 206,248	3 088 661,826	40,530	40,070
22	8	98 871	75 228,063	3 012 455,578	40,044	39,584
23	9	98 821	74 261,213	2 937 227,515	39,553	39,092
24	10	98 769	73 305,984	2 862 966,301	39,055	38,595
25	11	98 715	72 361,685	2 789 660,317	38,552	38,091
26	12	98 660	71 428,624	2 717 298,632	38,042	37,582
27	13	98 606	70 507,784	2 645 870,008	37,526	37,066
28	14	98 545	69 594,604	2 575 362,224	37,005	36,545
29	15	98 484	68 692,798	2 505 767,620	36,478	36,017
30	16	98 416	67 797,408	2 437 074,822	35,946	35,486
31	17	98 345	66 912,383	2 369 277,415	35,409	34,948
32	18	98 263	66 031,145	2 302 365,031	34,868	34,407
33	19	98 174	65 156,988	2 236 333,887	34,322	33,862
34	20	98 085	64 294,474	2 171 176,898	33,769	33,309
35	21	97 988	63 437,831	2 106 882,424	33,212	32,751
36	22	97 885	62 588,662	2 043 444,594	32,649	32,188
37	23	97 781	61 750,427	1 980 855,931	32,078	31,618
38	24	97 669	60 917,711	1 919 105,504	31,503	31,043
39	25	97 550	60 092,305	1 858 187,793	30,922	30,462
40	26	97 425	59 274,596	1 798 095,488	30,335	29,875
41	27	97 284	58 457,863	1 738 820,892	29,745	29,284
42	28	97 133	57 647,094	1 680 363,029	29,149	28,689
43	29	96 965	56 836,388	1 622 715,934	28,551	28,090
44	30	96 781	56 028,273	1 565 879,546	27,948	27,488
45	31	96 578	55 220,803	1 509 851,273	27,342	26,882
46	32	96 350	54 410,199	1 454 630,470	26,735	26,274
47	33	96 106	53 602,452	1 400 220,271	26,122	25,662
48	34	95 833	52 790,295	1 346 617,819	25,509	25,048
49	35	95 529	51 973,032	1 293 827,524	24,894	24,434
50	36	95 190	51 149,261	1 241 854,492	24,279	23,819
51	37	94 811	50 316,478	1 190 705,231	23,664	23,204
52	38	94 401	49 480,632	1 140 388,753	23,047	22,587
53	39	93 928	48 625,001	1 090 908,121	22,435	21,975
54	40	93 404	47 756,760	1 042 283,121	21,825	21,364
55	41	92 821	46 872,420	994 526,360	21,218	20,757
56	42	92 179	45 974,021	947 653,941	20,613	20,152
57	43	91 474	45 058,875	901 679,919	20,011	19,551
58	44	90 702	44 127,279	856 621,044	19,413	18,952
59	45	89 845	43 170,559	812 493,765	18,821	18,360
60	46	88 915	42 196,201	769 323,206	18,232	17,772
61	47	87 910	41 204,413	727 127,005	17,647	17,186
62	48	86 820	40 190,846	685 922,592	17,067	16,606
63	49	85 630	39 150,571	645 731,746	16,494	16,033
64	50	84 358	38 092,799	606 581,175	15,924	15,463
65	51	82 990	37 012,303	568 488,376	15,359	14,899
66	52	81 534	35 914,115	531 476,073	14,799	14,338
67	53	80 004	34 805,269	495 561,958	14,238	13,778
68	54	78 353	33 666,134	460 756,689	13,686	13,226
69	55	76 656	32 530,412	427 090,556	13,129	12,669
70	56	74 826	31 361,567	394 560,144	12,581	12,121
71	57	72 884	30 170,846	363 198,576	12,038	11,578
72	58	70 823	28 955,490	333 027,730	11,501	11,041
73	59	68 667	27 727,377	304 072,240	10,966	10,506
74	60	66 401	26 481,641	276 344,863	10,435	9,975
75	61	64 001	25 209,383	249 863,222	9,912	9,451
76	62	61 477	23 916,248	224 653,839	9,393	8,933
77	63	58 804	22 593,709	200 737,591	8,885	8,424
78	64	56 007	21 253,310	178 143,882	8,382	7,922
79	65	53 027	19 874,357	156 890,572	7,894	7,434
80	66	49 853	18 453,791	137 016,215	7,425	6,964
81	67	46 522	17 008,311	118 562,423	6,971	6,510
82	68	43 006	15 528,667	101 554,113	6,540	6,079
83	69	39 384	14 045,239	86 025,446	6,125	5,664
84	70	35 641	12 553,642	71 980,207	5,734	5,273
85	71	31 851	11 080,122	59 426,565	5,363	4,903
86	72	28 046	9 635,985	48 346,444	5,017	4,557
87	73	24 324	8 254,105	38 710,459	4,690	4,229
88	74	20 763	6 958,615	30 456,354	4,377	3,916
89	75	17 397	5 758,515	23 497,739	4,081	3,620
90	76	14 293	4 672,706	17 739,224	3,796	3,336
91	77	11 471	3 703,728	13 066,518	3,528	3,068
92	78	8 925	2 846,266	9 362,790	3,289	2,829
93	79	6 729	2 119,502	6 516,525	3,075	2,614
94	80	4 921	1 530,795	4 397,022	2,872	2,412
95	81	3 438	1 056,204	2 866,228	2,714	2,253
96	82	2 347	712,069	1 810,024	2,542	2,082
97	83	1 532	459,090	1 097,955	2,392	1,931
98	84	955	282,724	638,865	2,260	1,799
99	85	569	166,284	356,142	2,142	1,681
100	86	323	93,244	189,858	2,036	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	82 574,531	3 571 879,472	43,256	42,796
16	1	99 168	81 292,999	3 489 304,941	42,923	42,462
17	2	99 120	80 250,155	3 408 011,943	42,467	42,007
18	3	99 079	79 226,737	3 327 761,787	42,003	41,543
19	4	99 029	78 209,314	3 248 535,050	41,536	41,076
20	5	98 979	77 204,492	3 170 325,736	41,064	40,604
21	6	98 927	76 211,265	3 093 121,244	40,586	40,126
22	7	98 876	75 231,772	3 016 909,978	40,102	39,641
23	8	98 827	74 265,811	2 941 678,207	39,610	39,150
24	9	98 775	73 310,728	2 867 412,395	39,113	38,653
25	10	98 721	72 365,973	2 794 101,668	38,611	38,150
26	11	98 668	71 433,945	2 721 735,695	38,101	37,641
27	12	98 614	70 513,363	2 650 301,750	37,586	37,125
28	13	98 554	69 600,570	2 579 788,387	37,066	36,605
29	14	98 495	68 700,007	2 510 187,817	36,538	36,078
30	15	98 428	67 805,891	2 441 487,810	36,007	35,547
31	16	98 359	66 921,826	2 373 681,920	35,469	35,009
32	17	98 277	66 040,814	2 306 760,094	34,929	34,469
33	18	98 194	65 170,260	2 240 719,279	34,383	33,922
34	19	98 104	64 306,887	2 175 549,019	33,831	33,370
35	20	98 006	63 449,580	2 111 242,133	33,274	32,814
36	21	97 901	62 599,026	2 047 792,553	32,713	32,252
37	22	97 798	61 761,115	1 985 193,527	32,143	31,683
38	23	97 690	60 930,932	1 923 432,412	31,567	31,107
39	24	97 566	60 102,497	1 862 501,480	30,989	30,528
40	25	97 443	59 285,650	1 802 398,984	30,402	29,942
41	26	97 302	58 469,240	1 743 113,333	29,812	29,352
42	27	97 155	57 659,689	1 684 644,093	29,217	28,757
43	28	96 989	56 850,566	1 626 984,405	28,619	28,158
44	29	96 806	56 042,776	1 570 133,838	28,017	27,556
45	30	96 607	55 237,205	1 514 091,063	27,411	26,950
46	31	96 381	54 427,572	1 458 853,857	26,804	26,343
47	32	96 140	53 621,061	1 404 426,285	26,192	25,731
48	33	95 867	52 809,097	1 350 805,224	25,579	25,119
49	34	95 566	51 993,367	1 297 996,127	24,965	24,504
50	35	95 228	51 169,856	1 246 002,760	24,350	23,890
51	36	94 855	50 340,080	1 194 832,904	23,735	23,275
52	37	94 445	49 503,414	1 144 492,824	23,119	22,659
53	38	93 983	48 653,495	1 094 989,409	22,506	22,045
54	39	93 460	47 785,226	1 046 335,914	21,897	21,436
55	40	92 884	46 904,253	998 550,688	21,289	20,829
56	41	92 250	46 009,120	951 646,435	20,684	20,223
57	42	91 550	45 096,297	905 637,315	20,082	19,622
58	43	90 784	44 167,026	860 541,018	19,484	19,023
59	44	89 937	43 214,640	816 373,992	18,891	18,431
60	45	89 014	42 243,174	773 159,352	18,303	17,842
61	46	88 022	41 256,798	730 916,178	17,716	17,256
62	47	86 945	40 248,544	689 659,381	17,135	16,675
63	48	85 767	39 213,296	649 410,837	16,561	16,101
64	49	84 511	38 161,927	610 197,541	15,990	15,529
65	50	83 153	37 085,386	572 035,614	15,425	14,964
66	51	81 714	35 993,617	534 950,228	14,862	14,402
67	52	80 201	34 890,937	498 956,611	14,300	13,840
68	53	78 568	33 758,400	464 065,674	13,747	13,286
69	54	76 888	32 628,612	430 307,274	13,188	12,728
70	55	75 074	31 465,826	397 678,662	12,638	12,178
71	56	73 149	30 280,428	366 212,836	12,094	11,634
72	57	71 107	29 071,552	335 932,408	11,555	11,095
73	58	68 971	27 850,212	306 860,856	11,018	10,558
74	59	66 724	26 610,168	279 010,644	10,485	10,025
75	60	64 348	25 346,024	252 400,476	9,958	9,498
76	61	61 823	24 050,815	227 054,452	9,441	8,980
77	62	59 163	22 731,842	203 003,637	8,930	8,470
78	63	56 378	21 394,178	180 271,795	8,426	7,966
79	64	53 417	20 020,252	158 877,618	7,936	7,475
80	65	50 255	18 602,840	138 857,366	7,464	7,004
81	66	46 932	17 158,195	120 254,525	7,009	6,548
82	67	43 427	15 680,682	103 096,330	6,575	6,114
83	68	39 790	14 190,189	87 415,649	6,160	5,700
84	69	36 044	12 695,478	73 225,460	5,768	5,307
85	70	32 244	11 216,782	60 529,982	5,396	4,936
86	71	28 427	9 766,765	49 313,201	5,049	4,589
87	72	24 680	8 374,780	39 546,435	4,722	4,262
88	73	21 089	7 068,048	31 171,655	4,410	3,950
89	74	17 700	5 858,749	24 103,608	4,114	3,654
90	75	14 571	4 763,535	18 244,859	3,830	3,370
91	76	11 727	3 786,370	13 481,324	3,560	3,100
92	77	9 149	2 917,607	9 694,954	3,323	2,863
93	78	6 924	2 180,783	6 777,348	3,108	2,647
94	79	5 088	1 582,909	4 596,565	2,904	2,443
95	80	3 575	1 098,391	3 013,656	2,744	2,283
96	81	2 455	744,890	1 915,265	2,571	2,111
97	82	1 613	483,427	1 170,375	2,421	1,961
98	83	1 014	300,157	686,948	2,289	1,828
99	84	610	178,267	386,791	2,170	1,709
100	85	350	101,048	208,524	2,064	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	81 542,835	3 493 691,849	42,845	42,384
17	1	99 143	80 268,702	3 412 149,014	42,509	42,049
18	2	99 091	79 236,173	3 331 880,312	42,050	41,590
19	3	99 041	78 218,633	3 252 644,140	41,584	41,124
20	4	98 988	77 211,513	3 174 425,507	41,113	40,653
21	5	98 934	76 216,981	3 097 213,993	40,637	40,176
22	6	98 883	75 236,724	3 020 997,012	40,153	39,693
23	7	98 832	74 269,473	2 945 760,288	39,663	39,203
24	8	98 781	73 315,267	2 871 490,816	39,166	38,706
25	9	98 728	72 370,656	2 798 175,549	38,665	38,204
26	10	98 674	71 438,178	2 725 804,893	38,156	37,696
27	11	98 621	70 518,615	2 654 366,715	37,641	37,180
28	12	98 562	69 606,077	2 583 848,100	37,121	36,661
29	13	98 503	68 705,896	2 514 242,023	36,594	36,134
30	14	98 438	67 813,007	2 445 536,127	36,063	35,603
31	15	98 371	66 930,199	2 377 723,120	35,525	35,065
32	16	98 291	66 050,134	2 310 792,921	34,985	34,525
33	17	98 209	65 179,803	2 244 742,787	34,439	33,979
34	18	98 124	64 319,985	2 179 562,984	33,886	33,426
35	19	98 025	63 461,829	2 115 242,999	33,331	32,871
36	20	97 919	62 610,620	2 051 781,169	32,770	32,310
37	21	97 814	61 771,342	1 989 170,550	32,202	31,742
38	22	97 707	60 941,478	1 927 399,208	31,627	31,167
39	23	97 587	60 115,541	1 866 457,731	31,048	30,587
40	24	97 460	59 295,705	1 806 342,190	30,463	30,003
41	25	97 321	58 480,144	1 747 046,485	29,874	29,414
42	26	97 174	57 670,910	1 688 566,340	29,279	28,819
43	27	97 010	56 862,987	1 630 895,430	28,681	28,221
44	28	96 830	56 056,756	1 574 032,444	28,079	27,619
45	29	96 632	55 251,503	1 517 975,688	27,474	27,014
46	30	96 409	54 443,738	1 462 724,185	26,867	26,406
47	31	96 170	53 638,182	1 408 280,446	26,255	25,795
48	32	95 901	52 827,431	1 354 642,264	25,643	25,182
49	33	95 600	52 011,886	1 301 814,833	25,029	24,569
50	34	95 266	51 189,877	1 249 802,947	24,415	23,955
51	35	94 893	50 360,349	1 198 613,070	23,801	23,340
52	36	94 489	49 526,635	1 148 252,721	23,185	22,724
53	37	94 027	48 675,897	1 098 726,086	22,572	22,112
54	38	93 515	47 813,229	1 050 050,189	21,961	21,501
55	39	92 939	46 932,211	1 002 236,961	21,355	20,895
56	40	92 313	46 040,367	955 304,750	20,749	20,289
57	41	91 620	45 130,725	909 264,383	20,147	19,687
58	42	90 860	44 203,707	864 133,658	19,549	19,089
59	43	90 018	43 253,565	819 929,951	18,956	18,496
60	44	89 105	42 286,307	776 676,385	18,367	17,907
61	45	88 120	41 302,724	734 390,078	17,781	17,320
62	46	87 055	40 299,714	693 087,353	17,198	16,738
63	47	85 890	39 269,591	652 787,640	16,623	16,163
64	48	84 646	38 223,068	613 518,049	16,051	15,591
65	49	83 304	37 152,686	575 294,981	15,485	15,024
66	50	81 876	36 064,688	538 142,295	14,922	14,461
67	51	80 379	34 968,174	502 077,607	14,358	13,898
68	52	78 761	33 841,491	467 109,433	13,803	13,342
69	53	77 098	32 718,035	433 267,942	13,242	12,782
70	54	75 301	31 560,812	400 549,907	12,691	12,231
71	55	73 392	30 381,092	368 989,094	12,145	11,685
72	56	71 365	29 177,141	338 608,002	11,605	11,145
73	57	69 247	27 961,844	309 430,861	11,066	10,606
74	58	67 019	26 728,053	281 469,018	10,531	10,070
75	59	64 661	25 469,040	254 740,964	10,002	9,542
76	60	62 158	24 181,176	229 271,925	9,481	9,021
77	61	59 496	22 859,744	205 090,749	8,972	8,511
78	62	56 722	21 524,977	182 231,004	8,466	8,006
79	63	53 771	20 152,947	160 706,027	7,974	7,514
80	64	50 624	18 739,401	140 553,079	7,500	7,040
81	65	47 311	17 296,780	121 813,678	7,043	6,582
82	66	43 809	15 818,866	104 516,899	6,607	6,147
83	67	40 180	14 329,101	88 698,033	6,190	5,730
84	68	36 416	12 826,498	74 368,932	5,798	5,338
85	69	32 608	11 343,514	61 542,434	5,425	4,965
86	70	28 777	9 887,226	50 198,921	5,077	4,617
87	71	25 015	8 488,443	40 311,694	4,749	4,289
88	72	21 398	7 171,382	31 823,251	4,438	3,977
89	73	17 978	5 950,885	24 651,869	4,143	3,682
90	74	14 824	4 846,450	18 700,984	3,859	3,398
91	75	11 955	3 859,970	13 854,534	3,589	3,129
92	76	9 353	2 982,708	9 994,564	3,351	2,890
93	77	7 097	2 235,444	7 011,856	3,137	2,676
94	78	5 236	1 628,675	4 776,413	2,933	2,472
95	79	3 697	1 135,784	3 147,738	2,771	2,311
96	80	2 553	774,643	2 011,953	2,597	2,137
97	81	1 687	505,710	1 237,310	2,447	1,986
98	82	1 068	316,069	731,601	2,315	1,854
99	83	647	189,259	415,532	2,196	1,735
100	84	375	108,330	226,273	2,089	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	80 515,390	3 416 190,761	42,429	41,969
18	1	99 114	79 254,485	3 335 675,371	42,088	41,628
19	2	99 053	78 227,948	3 256 420,886	41,627	41,167
20	3	99 000	77 220,713	3 178 192,938	41,157	40,697
21	4	98 943	76 223,912	3 100 972,225	40,682	40,222
22	5	98 890	75 242,367	3 024 748,313	40,200	39,740
23	6	98 838	74 274,362	2 949 505,946	39,711	39,251
24	7	98 786	73 318,881	2 875 231,584	39,215	38,755
25	8	98 734	72 375,137	2 801 912,703	38,714	38,253
26	9	98 680	71 442,801	2 729 537,566	38,206	37,746
27	10	98 627	70 522,794	2 658 094,765	37,691	37,231
28	11	98 569	69 611,262	2 587 571,971	37,172	36,711
29	12	98 511	68 711,332	2 517 960,709	36,645	36,185
30	13	98 447	67 818,820	2 449 249,377	36,115	35,654
31	14	98 382	66 937,223	2 381 430,557	35,577	35,117
32	15	98 304	66 058,398	2 314 493,334	35,037	34,577
33	16	98 222	65 189,002	2 248 434,936	34,491	34,031
34	17	98 139	64 329,404	2 183 245,934	33,939	33,478
35	18	98 045	63 474,755	2 118 916,530	33,382	32,922
36	19	97 938	62 622,707	2 055 441,775	32,823	32,362
37	20	97 833	61 782,782	1 992 819,067	32,255	31,795
38	21	97 723	60 951,568	1 931 036,286	31,681	31,221
39	22	97 604	60 125,945	1 870 084,717	31,103	30,642
40	23	97 481	59 308,574	1 809 958,772	30,518	30,057
41	24	97 337	58 490,062	1 750 650,197	29,931	29,470
42	25	97 192	57 681,665	1 692 160,135	29,336	28,876
43	26	97 029	56 874,053	1 634 478,470	28,739	28,278
44	27	96 851	56 069,003	1 577 604,417	28,137	27,676
45	28	96 656	55 265,286	1 521 535,414	27,531	27,071
46	29	96 434	54 457,831	1 466 270,128	26,925	26,464
47	30	96 199	53 654,114	1 411 812,297	26,313	25,853
48	31	95 931	52 844,298	1 358 158,183	25,701	25,241
49	32	95 633	52 029,943	1 305 313,885	25,088	24,627
50	33	95 299	51 208,109	1 253 283,942	24,474	24,014
51	34	94 930	50 380,054	1 202 075,832	23,860	23,400
52	35	94 527	49 546,576	1 151 695,779	23,245	22,784
53	36	94 071	48 698,729	1 102 149,202	22,632	22,172
54	37	93 558	47 835,243	1 053 450,473	22,022	21,562
55	38	92 993	46 959,713	1 005 615,230	21,414	20,954
56	39	92 368	46 067,810	958 655,516	20,810	20,349
57	40	91 682	45 161,376	912 587,706	20,207	19,747
58	41	90 929	44 237,454	867 426,330	19,608	19,148
59	42	90 093	43 289,488	823 188,876	19,016	18,556
60	43	89 185	42 324,397	779 899,389	18,427	17,966
61	44	88 210	41 344,898	737 574,992	17,840	17,379
62	45	87 152	40 344,575	696 230,094	17,257	16,797
63	46	85 999	39 319,516	655 885,520	16,681	16,221
64	47	84 768	38 277,941	616 566,004	16,108	15,647
65	48	83 438	37 212,210	578 288,062	15,540	15,080
66	49	82 024	36 130,136	541 075,853	14,976	14,515
67	50	80 537	35 037,221	504 945,717	14,412	13,951
68	51	78 935	33 916,405	469 908,496	13,855	13,395
69	52	77 288	32 798,566	435 992,091	13,293	12,833
70	53	75 507	31 647,309	403 193,526	12,740	12,280
71	54	73 614	30 472,804	371 546,216	12,193	11,732
72	55	71 602	29 274,138	341 073,412	11,651	11,191
73	56	69 499	28 063,402	311 799,275	11,111	10,650
74	57	67 288	26 835,187	283 735,873	10,573	10,113
75	58	64 947	25 581,870	256 900,686	10,042	9,582
76	59	62 460	24 298,538	231 318,816	9,520	9,059
77	60	59 819	22 983,650	207 020,278	9,007	8,547
78	61	57 042	21 646,090	184 036,628	8,502	8,042
79	62	54 099	20 276,158	162 390,539	8,009	7,549
80	63	50 960	18 863,607	142 114,381	7,534	7,073
81	64	47 658	17 423,753	123 250,774	7,074	6,613
82	65	44 163	15 946,633	105 827,021	6,636	6,176
83	66	40 534	14 455,374	89 880,388	6,218	5,757
84	67	36 772	12 952,060	75 425,014	5,823	5,363
85	68	32 945	11 460,581	62 472,953	5,451	4,991
86	69	29 102	9 998,936	51 012,372	5,102	4,641
87	70	25 323	8 593,138	41 013,436	4,773	4,312
88	71	21 688	7 268,713	32 420,298	4,460	4,000
89	72	18 241	6 037,887	25 151,585	4,166	3,705
90	73	15 058	4 922,666	19 113,698	3,883	3,422
91	74	12 163	3 927,157	14 191,032	3,614	3,153
92	75	9 535	3 040,686	10 263,875	3,376	2,915
93	76	7 256	2 285,323	7 223,189	3,161	2,700
94	77	5 367	1 669,498	4 937,865	2,958	2,497
95	78	3 804	1 168,623	3 268,368	2,797	2,336
96	79	2 640	801,015	2 099,745	2,621	2,161
97	80	1 755	525,909	1 298,730	2,469	2,009
98	81	1 117	330,637	772,821	2,337	1,877
99	82	682	199,292	442,184	2,219	1,758
100	83	398	115,010	242,892	2,112	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	79 498,056	3 339 400,211	42,006	41,546
19	1	99 076	78 246,028	3 259 902,155	41,662	41,202
20	2	99 012	77 229,910	3 181 656,128	41,197	40,737
21	3	98 955	76 232,994	3 104 426,218	40,723	40,262
22	4	98 899	75 249,209	3 028 193,224	40,242	39,782
23	5	98 846	74 279,932	2 952 944,014	39,754	39,294
24	6	98 793	73 323,708	2 878 664,082	39,260	38,799
25	7	98 739	72 378,705	2 805 340,374	38,759	38,299
26	8	98 686	71 447,224	2 732 961,670	38,251	37,791
27	9	98 633	70 527,358	2 661 514,446	37,737	37,277
28	10	98 575	69 615,387	2 590 987,088	37,219	36,758
29	11	98 518	68 716,450	2 521 371,701	36,692	36,232
30	12	98 454	67 824,186	2 452 655,251	36,162	35,702
31	13	98 390	66 942,962	2 384 831,065	35,625	35,164
32	14	98 314	66 065,331	2 317 888,103	35,085	34,624
33	15	98 235	65 197,158	2 251 822,772	34,539	34,078
34	16	98 153	64 338,482	2 186 625,614	33,986	33,526
35	17	98 060	63 484,051	2 122 287,132	33,430	32,970
36	18	97 958	62 635,463	2 058 803,082	32,870	32,409
37	19	97 851	61 794,710	1 996 167,619	32,303	31,843
38	20	97 741	60 962,857	1 934 372,909	31,730	31,270
39	21	97 620	60 135,901	1 873 410,052	31,153	30,693
40	22	97 498	59 318,839	1 813 274,151	30,568	30,108
41	23	97 358	58 502,756	1 753 955,312	29,981	29,520
42	24	97 208	57 691,448	1 695 452,555	29,388	28,928
43	25	97 047	56 884,660	1 637 761,107	28,791	28,331
44	26	96 870	56 079,915	1 580 876,447	28,190	27,729
45	27	96 677	55 277,360	1 524 796,533	27,584	27,124
46	28	96 458	54 471,416	1 469 519,173	26,978	26,517
47	29	96 224	53 668,002	1 415 047,757	26,367	25,906
48	30	95 960	52 859,994	1 361 379,755	25,754	25,294
49	31	95 664	52 046,556	1 308 519,761	25,141	24,681
50	32	95 333	51 225,887	1 256 473,205	24,528	24,068
51	33	94 964	50 397,998	1 205 247,318	23,915	23,454
52	34	94 564	49 565,963	1 154 849,320	23,299	22,839
53	35	94 109	48 718,337	1 105 283,357	22,687	22,227
54	36	93 602	47 857,681	1 056 565,020	22,077	21,617
55	37	93 036	46 981,335	1 008 707,339	21,470	21,010
56	38	92 422	46 094,806	961 726,003	20,864	20,404
57	39	91 737	45 188,295	915 631,197	20,263	19,802
58	40	90 991	44 267,498	870 442,902	19,663	19,203
59	41	90 161	43 322,537	826 175,404	19,070	18,610
60	42	89 259	42 359,547	782 852,868	18,481	18,021
61	43	88 290	41 382,139	740 493,321	17,894	17,434
62	44	87 241	40 385,770	699 111,182	17,311	16,850
63	45	86 095	39 363,286	658 725,412	16,735	16,274
64	46	84 876	38 326,606	619 362,126	16,160	15,700
65	47	83 558	37 265,631	581 035,520	15,592	15,131
66	48	82 156	36 188,022	543 769,889	15,026	14,566
67	49	80 683	35 100,804	507 581,867	14,461	14,000
68	50	79 091	33 983,375	472 481,063	13,903	13,443
69	51	77 459	32 871,171	438 497,688	13,340	12,879
70	52	75 693	31 725,204	405 626,517	12,786	12,325
71	53	73 816	30 556,319	373 901,313	12,236	11,776
72	54	71 818	29 362,508	343 344,995	11,693	11,233
73	55	69 730	28 156,696	313 982,487	11,151	10,691
74	56	67 532	26 932,653	285 825,791	10,613	10,152
75	57	65 207	25 684,409	258 893,138	10,080	9,619
76	58	62 737	24 406,183	233 208,728	9,555	9,095
77	59	60 109	23 095,200	208 802,545	9,041	8,581
78	60	57 351	21 763,417	185 707,346	8,533	8,073
79	61	54 404	20 390,244	163 943,929	8,040	7,580
80	62	51 271	18 978,935	143 553,685	7,564	7,103
81	63	47 974	17 539,238	124 574,751	7,103	6,642
82	64	44 488	16 063,695	107 035,512	6,663	6,203
83	65	40 861	14 572,129	90 971,817	6,243	5,782
84	66	37 096	13 066,199	76 399,689	5,847	5,387
85	67	33 267	11 572,772	63 333,490	5,473	5,012
86	68	29 403	10 102,128	51 760,718	5,124	4,663
87	69	25 609	8 690,227	41 658,590	4,794	4,333
88	70	21 956	7 358,364	32 968,363	4,480	4,020
89	71	18 488	6 119,834	25 609,999	4,185	3,724
90	72	15 278	4 994,636	19 490,166	3,902	3,442
91	73	12 354	3 988,917	14 495,530	3,634	3,174
92	74	9 701	3 093,613	10 506,613	3,396	2,936
93	75	7 397	2 329,746	7 413,001	3,182	2,722
94	76	5 487	1 706,749	5 083,255	2,978	2,518
95	77	3 899	1 197,914	3 376,506	2,819	2,358
96	78	2 716	824,175	2 178,591	2,643	2,183
97	79	1 815	543,813	1 354,417	2,491	2,030
98	80	1 162	343,844	810,604	2,357	1,897
99	81	713	208,478	466,760	2,239	1,779
100	82	419	121,106	258,282	2,133	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	78 486,499	3 263 335,770	41,578	41,118
20	1	99 035	77 247,758	3 184 849,271	41,229	40,769
21	2	98 967	76 242,073	3 107 601,513	40,760	40,299
22	3	98 911	75 258,176	3 031 359,439	40,279	39,819
23	4	98 855	74 286,687	2 956 101,264	39,793	39,333
24	5	98 800	73 329,207	2 881 814,577	39,300	38,839
25	6	98 745	72 383,470	2 808 485,370	38,800	38,340
26	7	98 691	71 450,746	2 736 101,900	38,294	37,833
27	8	98 639	70 531,724	2 664 651,154	37,779	37,319
28	9	98 581	69 619,892	2 594 119,429	37,261	36,801
29	10	98 524	68 720,522	2 524 499,538	36,736	36,275
30	11	98 462	67 829,238	2 455 779,015	36,205	35,745
31	12	98 398	66 948,258	2 387 949,777	35,669	35,208
32	13	98 322	66 070,994	2 321 001,519	35,129	34,669
33	14	98 245	65 204,000	2 254 930,525	34,583	34,122
34	15	98 165	64 346,532	2 189 726,524	34,030	33,570
35	16	98 074	63 493,010	2 125 379,992	33,474	33,014
36	17	97 973	62 644,635	2 061 886,983	32,914	32,454
37	18	97 871	61 807,296	1 999 242,348	32,346	31,886
38	19	97 760	60 974,626	1 937 435,052	31,774	31,314
39	20	97 638	60 147,039	1 876 460,425	31,198	30,737
40	21	97 514	59 328,661	1 816 313,386	30,614	30,154
41	22	97 375	58 512,882	1 756 984,725	30,027	29,567
42	23	97 229	57 703,969	1 698 471,843	29,434	28,974
43	24	97 063	56 894,307	1 640 767,874	28,839	28,378
44	25	96 888	56 090,373	1 583 873,567	28,238	27,777
45	26	96 696	55 288,118	1 527 783,193	27,633	27,173
46	27	96 479	54 483,317	1 472 495,076	27,027	26,566
47	28	96 248	53 681,390	1 418 011,759	26,415	25,955
48	29	95 984	52 873,677	1 364 330,369	25,804	25,343
49	30	95 692	52 062,015	1 311 456,692	25,190	24,730
50	31	95 363	51 242,243	1 259 394,678	24,577	24,117
51	32	94 997	50 415,494	1 208 152,434	23,964	23,504
52	33	94 598	49 583,617	1 157 736,940	23,349	22,889
53	34	94 145	48 737,399	1 108 153,323	22,737	22,277
54	35	93 639	47 876,951	1 059 415,924	22,128	21,668
55	36	93 080	47 003,373	1 011 538,973	21,521	21,060
56	37	92 464	46 116,030	964 535,600	20,915	20,455
57	38	91 790	45 214,775	918 419,570	20,312	19,852
58	39	91 045	44 293,884	873 204,795	19,714	19,254
59	40	90 223	43 351,959	828 910,911	19,120	18,660
60	41	89 327	42 391,886	785 558,952	18,531	18,070
61	42	88 363	41 416,507	743 167,066	17,944	17,483
62	43	87 320	40 422,147	701 750,559	17,361	16,900
63	44	86 183	39 403,479	661 328,412	16,784	16,323
64	45	84 970	38 369,271	621 924,932	16,209	15,749
65	46	83 664	37 313,009	583 555,662	15,639	15,179
66	47	82 274	36 239,973	546 242,653	15,073	14,613
67	48	80 813	35 157,040	510 002,679	14,506	14,046
68	49	79 235	34 045,046	474 845,639	13,948	13,487
69	50	77 612	32 936,077	440 800,594	13,384	12,923
70	51	75 861	31 795,433	407 864,517	12,828	12,367
71	52	73 997	30 631,528	376 069,084	12,277	11,817
72	53	72 015	29 442,980	345 437,555	11,732	11,272
73	54	69 940	28 241,693	315 994,576	11,189	10,729
74	55	67 757	27 022,188	287 752,882	10,649	10,188
75	56	65 444	25 777,696	260 730,694	10,115	9,654
76	57	62 988	24 504,010	234 952,998	9,588	9,128
77	58	60 375	23 197,514	210 448,989	9,072	8,612
78	59	57 629	21 869,044	187 251,475	8,562	8,102
79	60	54 699	20 500,764	165 382,431	8,067	7,607
80	61	51 560	19 085,721	144 881,667	7,591	7,131
81	62	48 268	17 646,469	125 795,946	7,129	6,668
82	63	44 782	16 170,166	108 149,476	6,688	6,228
83	64	41 161	14 679,100	91 979,310	6,266	5,806
84	65	37 396	13 171,733	77 300,210	5,869	5,408
85	66	33 560	11 674,756	64 128,477	5,493	5,033
86	67	29 690	10 201,020	52 453,721	5,142	4,682
87	68	25 874	8 779,912	42 252,700	4,812	4,352
88	69	22 204	7 441,502	33 472,788	4,498	4,038
89	70	18 716	6 195,314	26 031,287	4,202	3,741
90	71	15 485	5 062,423	19 835,972	3,918	3,458
91	72	12 534	4 047,235	14 773,549	3,650	3,190
92	73	9 853	3 142,264	10 726,314	3,414	2,953
93	74	7 526	2 370,298	7 584,051	3,200	2,739
94	75	5 593	1 739,925	5 213,753	2,997	2,536
95	76	3 986	1 224,643	3 473,828	2,837	2,376
96	77	2 784	844,832	2 249,184	2,662	2,202
97	78	1 867	559,536	1 404,352	2,510	2,049
98	79	1 201	355,550	844,816	2,376	1,916
99	80	742	216,805	489,267	2,257	1,796
100	81	439	126,688	272,461	2,151	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	77 485,162	3 188 015,060	41,144	40,683
21	1	98 990	76 259,693	3 110 529,898	40,789	40,328
22	2	98 923	75 267,138	3 034 270,204	40,313	39,853
23	3	98 866	74 295,539	2 959 003,066	39,827	39,367
24	4	98 809	73 335,875	2 884 707,527	39,336	38,875
25	5	98 752	72 388,898	2 811 371,652	38,837	38,377
26	6	98 698	71 455,450	2 738 982,754	38,331	37,871
27	7	98 644	70 535,201	2 667 527,304	37,818	37,358
28	8	98 587	69 624,202	2 596 992,102	37,300	36,840
29	9	98 530	68 724,969	2 527 367,900	36,775	36,315
30	10	98 468	67 833,257	2 458 642,930	36,245	35,785
31	11	98 405	66 953,245	2 390 809,673	35,709	35,248
32	12	98 330	66 076,222	2 323 856,428	35,169	34,709
33	13	98 253	65 209,590	2 257 780,206	34,623	34,163
34	14	98 175	64 353,285	2 192 570,616	34,071	33,610
35	15	98 086	63 500,954	2 128 217,331	33,515	33,054
36	16	97 987	62 653,475	2 064 716,377	32,955	32,494
37	17	97 886	61 816,347	2 002 062,902	32,387	31,927
38	18	97 780	60 987,046	1 940 246,554	31,814	31,354
39	19	97 657	60 158,651	1 879 259,508	31,238	30,778
40	20	97 532	59 339,649	1 819 100,858	30,656	30,195
41	21	97 391	58 522,571	1 759 761,208	30,070	29,609
42	22	97 246	57 713,956	1 701 238,638	29,477	29,017
43	23	97 084	56 906,655	1 643 524,681	28,881	28,421
44	24	96 904	56 099,886	1 586 618,026	28,282	27,822
45	25	96 714	55 298,429	1 530 518,140	27,677	27,217
46	26	96 498	54 493,920	1 475 219,711	27,071	26,611
47	27	96 269	53 693,118	1 420 725,792	26,460	26,000
48	28	96 008	52 886,867	1 367 032,674	25,848	25,388
49	29	95 717	52 075,491	1 314 145,807	25,235	24,775
50	30	95 391	51 257,463	1 262 070,316	24,622	24,162
51	31	95 027	50 431,592	1 210 812,853	24,009	23,549
52	32	94 630	49 600,830	1 160 381,261	23,394	22,934
53	33	94 179	48 754,758	1 110 780,431	22,783	22,323
54	34	93 676	47 895,684	1 062 025,672	22,174	21,713
55	35	93 117	47 022,298	1 014 129,988	21,567	21,107
56	36	92 508	46 137,661	967 107,690	20,961	20,501
57	37	91 833	45 235,594	920 970,029	20,359	19,899
58	38	91 098	44 319,841	875 734,435	19,759	19,299
59	39	90 276	43 377,800	831 414,594	19,167	18,706
60	40	89 388	42 420,677	788 036,795	18,577	18,116
61	41	88 430	41 448,126	745 616,118	17,989	17,529
62	42	87 392	40 455,718	704 167,992	17,406	16,946
63	43	86 261	39 438,972	663 712,274	16,829	16,368
64	44	85 057	38 408,449	624 273,302	16,254	15,793
65	45	83 757	37 354,546	585 864,854	15,684	15,224
66	46	82 378	36 286,047	548 510,308	15,116	14,656
67	47	80 929	35 207,512	512 224,261	14,549	14,088
68	48	79 362	34 099,591	477 016,750	13,989	13,529
69	49	77 753	32 995,847	442 917,159	13,423	12,963
70	50	76 011	31 858,215	409 921,312	12,867	12,407
71	51	74 161	30 699,336	378 063,097	12,315	11,855
72	52	72 192	29 515,449	347 363,761	11,769	11,308
73	53	70 132	28 319,093	317 848,312	11,224	10,763
74	54	67 961	27 103,761	289 529,218	10,682	10,222
75	55	65 662	25 863,391	262 425,458	10,147	9,686
76	56	63 217	24 593,009	236 562,066	9,619	9,159
77	57	60 617	23 290,496	211 969,057	9,101	8,641
78	58	57 884	21 965,926	188 678,561	8,590	8,129
79	59	54 964	20 600,263	166 712,635	8,093	7,632
80	60	51 839	19 189,171	146 112,372	7,614	7,154
81	61	48 539	17 745,759	126 923,202	7,152	6,692
82	62	45 056	16 269,027	109 177,443	6,711	6,250
83	63	41 434	14 776,394	92 908,416	6,288	5,827
84	64	37 671	13 268,425	78 132,022	5,889	5,428
85	65	33 831	11 769,052	64 863,597	5,511	5,051
86	66	29 952	10 290,916	53 094,545	5,159	4,699
87	67	26 127	8 865,861	42 803,629	4,828	4,368
88	68	22 433	7 518,300	33 937,768	4,514	4,054
89	69	18 928	6 265,312	26 419,469	4,217	3,756
90	70	15 676	5 124,862	20 154,157	3,933	3,472
91	71	12 705	4 102,164	15 029,295	3,664	3,203
92	72	9 997	3 188,204	10 927,131	3,427	2,967
93	73	7 644	2 407,574	7 738,927	3,214	2,754
94	74	5 691	1 770,211	5 331,354	3,012	2,551
95	75	4 063	1 248,448	3 561,143	2,852	2,392
96	76	2 846	863,683	2 312,695	2,678	2,217
97	77	1 914	573,561	1 449,012	2,526	2,066
98	78	1 236	365,830	875,451	2,393	1,933
99	79	767	224,186	509,622	2,273	1,813
100	80	456	131,749	285,435	2,167	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	76 494,061	3 113 449,195	40,702	40,241
22	1	98 946	75 284,533	3 036 955,134	40,340	39,879
23	2	98 878	74 304,387	2 961 670,601	39,859	39,398
24	3	98 821	73 344,614	2 887 366,214	39,367	38,907
25	4	98 761	72 395,481	2 814 021,601	38,870	38,410
26	5	98 705	71 460,809	2 741 626,119	38,365	37,905
27	6	98 651	70 539,845	2 670 165,310	37,853	37,393
28	7	98 592	69 627,635	2 599 625,465	37,336	36,876
29	8	98 537	68 729,224	2 529 997,831	36,811	36,351
30	9	98 474	67 837,647	2 461 268,606	36,282	35,821
31	10	98 411	66 957,213	2 393 430,959	35,746	35,285
32	11	98 337	66 081,144	2 326 473,747	35,206	34,746
33	12	98 261	65 214,749	2 260 392,603	34,661	34,200
34	13	98 184	64 358,802	2 195 177,853	34,108	33,648
35	14	98 096	63 507,618	2 130 819,051	33,552	33,092
36	15	97 999	62 661,314	2 067 311,433	32,992	32,531
37	16	97 900	61 825,071	2 004 650,119	32,425	31,964
38	17	97 794	60 995,977	1 942 825,048	31,852	31,391
39	18	97 677	60 170,904	1 881 829,071	31,275	30,814
40	19	97 551	59 351,106	1 821 658,167	30,693	30,233
41	20	97 409	58 533,409	1 762 307,061	30,108	29,647
42	21	97 262	57 723,513	1 703 773,652	29,516	29,056
43	22	97 101	56 916,504	1 646 050,139	28,920	28,460
44	23	96 925	56 112,062	1 589 133,635	28,321	27,860
45	24	96 730	55 307,807	1 533 021,573	27,718	27,258
46	25	96 516	54 504,082	1 477 713,766	27,112	26,652
47	26	96 287	53 703,567	1 423 209,684	26,501	26,041
48	27	96 029	52 898,421	1 369 506,116	25,889	25,429
49	28	95 741	52 088,482	1 316 607,695	25,276	24,816
50	29	95 416	51 270,731	1 264 519,214	24,664	24,203
51	30	95 056	50 446,571	1 213 248,482	24,050	23,590
52	31	94 661	49 616,668	1 162 801,911	23,436	22,975
53	32	94 212	48 771,684	1 113 185,244	22,824	22,364
54	33	93 709	47 912,743	1 064 413,559	22,216	21,755
55	34	93 154	47 040,697	1 016 500,816	21,609	21,149
56	35	92 545	46 156,238	969 460,119	21,004	20,543
57	36	91 876	45 256,812	923 303,881	20,401	19,941
58	37	91 140	44 340,247	878 047,069	19,802	19,342
59	38	90 329	43 403,219	833 706,822	19,208	18,748
60	39	89 441	42 445,962	790 303,603	18,619	18,159
61	40	88 491	41 476,276	747 857,641	18,031	17,571
62	41	87 459	40 486,603	706 381,365	17,447	16,987
63	42	86 332	39 471,726	665 894,761	16,870	16,410
64	43	85 133	38 443,045	626 423,036	16,295	15,834
65	44	83 842	37 392,688	587 979,991	15,724	15,264
66	45	82 470	36 326,440	550 587,303	15,157	14,696
67	46	81 032	35 252,272	514 260,863	14,588	14,128
68	47	79 476	34 148,544	479 008,590	14,027	13,567
69	48	77 877	33 048,711	444 860,046	13,461	13,000
70	49	76 148	31 916,029	411 811,335	12,903	12,443
71	50	74 308	30 759,954	379 895,306	12,350	11,890
72	51	72 352	29 580,787	349 135,352	11,803	11,342
73	52	70 305	28 388,796	319 554,566	11,256	10,796
74	53	68 148	27 178,042	291 165,769	10,713	10,253
75	54	65 860	25 941,466	263 987,727	10,176	9,716
76	55	63 427	24 674,766	238 046,262	9,647	9,187
77	56	60 837	23 375,088	213 371,495	9,128	8,668
78	57	58 116	22 053,972	189 996,408	8,615	8,155
79	58	55 208	20 691,524	167 942,436	8,116	7,656
80	59	52 091	19 282,304	147 250,912	7,637	7,176
81	60	48 802	17 841,945	127 968,608	7,172	6,712
82	61	45 310	16 360,566	110 126,663	6,731	6,271
83	62	41 687	14 866,734	93 766,097	6,307	5,847
84	63	37 920	13 356,369	78 899,362	5,907	5,447
85	64	34 080	11 855,446	65 542,994	5,529	5,068
86	65	30 194	10 374,034	53 687,547	5,175	4,715
87	66	26 357	8 943,991	43 313,513	4,843	4,382
88	67	22 652	7 591,898	34 369,522	4,527	4,067
89	68	19 123	6 329,971	26 777,624	4,230	3,770
90	69	15 853	5 182,765	20 447,653	3,945	3,485
91	70	12 861	4 152,759	15 264,888	3,676	3,215
92	71	10 133	3 231,474	11 112,129	3,439	2,978
93	72	7 756	2 442,772	7 880,655	3,226	2,766
94	73	5 780	1 798,050	5 437,882	3,024	2,564
95	74	4 134	1 270,179	3 639,833	2,866	2,405
96	75	2 902	880,471	2 369,654	2,691	2,231
97	76	1 957	586,358	1 489,182	2,540	2,079
98	77	1 267	374,999	902,824	2,408	1,947
99	78	789	230,668	527,825	2,288	1,828
100	79	472	136,234	297,157	2,181	1,721

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	75 515,903	3 039 647,463	40,252	39,791
23	1	98 901	74 321,559	2 964 131,559	39,883	39,422
24	2	98 833	73 353,348	2 889 810,000	39,396	38,935
25	3	98 773	72 404,107	2 816 456,652	38,899	38,439
26	4	98 714	71 467,308	2 744 052,544	38,396	37,936
27	5	98 658	70 545,135	2 672 585,236	37,885	37,424
28	6	98 599	69 632,218	2 602 040,101	37,368	36,908
29	7	98 541	68 732,613	2 532 407,883	36,844	36,384
30	8	98 480	67 841,847	2 463 675,270	36,315	35,855
31	9	98 417	66 961,545	2 395 833,423	35,779	35,319
32	10	98 343	66 085,060	2 328 871,878	35,241	34,780
33	11	98 268	65 219,607	2 262 786,818	34,695	34,234
34	12	98 191	64 363,894	2 197 567,210	34,143	33,682
35	13	98 105	63 513,062	2 133 203,316	33,587	33,126
36	14	98 009	62 667,891	2 069 690,254	33,026	32,566
37	15	97 912	61 832,806	2 007 022,364	32,459	31,998
38	16	97 808	61 004,585	1 945 189,557	31,886	31,426
39	17	97 691	60 179,715	1 884 184,973	31,309	30,849
40	18	97 571	59 363,194	1 824 005,257	30,726	30,266
41	19	97 428	58 544,710	1 764 642,063	30,142	29,681
42	20	97 280	57 734,203	1 706 097,353	29,551	29,091
43	21	97 117	56 925,929	1 648 363,150	28,956	28,496
44	22	96 942	56 121,773	1 591 437,221	28,357	27,896
45	23	96 751	55 319,811	1 535 315,447	27,753	27,293
46	24	96 533	54 513,326	1 479 995,637	27,149	26,689
47	25	96 305	53 713,583	1 425 482,310	26,539	26,078
48	26	96 048	52 908,716	1 371 768,727	25,927	25,467
49	27	95 762	52 099,862	1 318 860,012	25,314	24,854
50	28	95 440	51 283,521	1 266 760,150	24,701	24,241
51	29	95 080	50 459,629	1 215 476,629	24,088	23,628
52	30	94 689	49 631,405	1 165 017,000	23,473	23,013
53	31	94 242	48 787,257	1 115 385,595	22,862	22,402
54	32	93 742	47 929,377	1 066 598,338	22,254	21,793
55	33	93 187	47 057,451	1 018 668,961	21,647	21,187
56	34	92 581	46 174,298	971 611,510	21,042	20,582
57	35	91 913	45 275,035	925 437,212	20,440	19,980
58	36	91 183	44 361,046	880 162,177	19,841	19,380
59	37	90 371	43 423,204	835 801,132	19,248	18,787
60	38	89 494	42 470,836	792 377,928	18,657	18,197
61	39	88 543	41 500,998	749 907,093	18,070	17,609
62	40	87 518	40 514,100	708 406,095	17,485	17,025
63	41	86 398	39 501,860	667 891,994	16,908	16,447
64	42	85 204	38 474,972	628 390,134	16,332	15,872
65	43	83 918	37 426,369	589 915,162	15,762	15,302
66	44	82 554	36 363,533	552 488,793	15,193	14,733
67	45	81 122	35 291,515	516 125,261	14,625	14,164
68	46	79 577	34 191,959	480 833,746	14,063	13,602
69	47	77 989	33 096,156	446 641,787	13,495	13,035
70	48	76 270	31 967,163	413 545,632	12,937	12,476
71	49	74 442	30 815,775	381 578,468	12,383	11,922
72	50	72 495	29 639,196	350 762,693	11,834	11,374
73	51	70 460	28 451,640	321 123,498	11,287	10,826
74	52	68 315	27 244,937	292 671,858	10,742	10,282
75	53	66 041	26 012,562	265 426,922	10,204	9,743
76	54	63 619	24 749,253	239 414,360	9,674	9,213
77	55	61 040	23 452,796	214 665,107	9,153	8,693
78	56	58 328	22 134,072	191 212,311	8,639	8,178
79	57	55 429	20 774,462	169 078,239	8,139	7,678
80	58	52 322	19 367,727	148 303,777	7,657	7,197
81	59	49 039	17 928,540	128 936,051	7,192	6,731
82	60	45 555	16 449,244	111 007,511	6,748	6,288
83	61	41 922	14 950,383	94 558,266	6,325	5,864
84	62	38 152	13 438,027	79 607,883	5,924	5,464
85	63	34 306	11 934,025	66 169,857	5,545	5,084
86	64	30 416	10 450,188	54 235,832	5,190	4,730
87	65	26 570	9 016,230	43 785,643	4,856	4,396
88	66	22 852	7 658,801	34 769,413	4,540	4,079
89	67	19 310	6 391,937	27 110,612	4,241	3,781
90	68	16 017	5 236,252	20 718,675	3,957	3,496
91	69	13 007	4 199,679	15 482,423	3,687	3,226
92	70	10 258	3 271,330	11 282,744	3,449	2,989
93	71	7 861	2 475,926	8 011,413	3,236	2,775
94	72	5 865	1 824,337	5 535,488	3,034	2,574
95	73	4 199	1 290,154	3 711,150	2,877	2,416
96	74	2 952	895,797	2 420,996	2,703	2,242
97	75	1 995	597,756	1 525,199	2,552	2,091
98	76	1 295	383,366	927,443	2,419	1,959
99	77	809	236,450	544,077	2,301	1,841
100	78	485	140,173	307,627	2,195	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	74 549,970	2 966 614,830	39,794	39,333
24	1	98 856	73 370,301	2 892 064,860	39,417	38,957
25	2	98 785	72 412,730	2 818 694,559	38,925	38,465
26	3	98 726	71 475,823	2 746 281,829	38,423	37,962
27	4	98 667	70 551,551	2 674 806,005	37,913	37,452
28	5	98 606	69 637,441	2 604 254,455	37,397	36,937
29	6	98 548	68 737,137	2 534 617,014	36,874	36,414
30	7	98 485	67 845,192	2 465 879,877	36,346	35,885
31	8	98 423	66 965,691	2 398 034,685	35,810	35,350
32	9	98 350	66 089,336	2 331 068,994	35,271	34,811
33	10	98 274	65 223,472	2 264 979,657	34,726	34,266
34	11	98 199	64 368,688	2 199 756,185	34,174	33,714
35	12	98 112	63 518,087	2 135 387,497	33,619	33,158
36	13	98 017	62 673,263	2 071 869,409	33,058	32,598
37	14	97 922	61 839,296	2 009 196,147	32,491	32,030
38	15	97 820	61 012,218	1 947 356,851	31,917	31,457
39	16	97 705	60 188,208	1 886 344,633	31,341	30,880
40	17	97 585	59 371,887	1 826 156,425	30,758	30,298
41	18	97 448	58 556,634	1 766 784,538	30,172	29,712
42	19	97 299	57 745,350	1 708 227,903	29,582	29,122
43	20	97 135	56 936,472	1 650 482,554	28,988	28,528
44	21	96 958	56 131,066	1 593 546,082	28,390	27,929
45	22	96 768	55 329,385	1 537 415,016	27,787	27,326
46	23	96 554	54 525,157	1 482 085,631	27,182	26,721
47	24	96 322	53 722,693	1 427 560,473	26,573	26,112
48	25	96 066	52 918,583	1 373 837,781	25,961	25,501
49	26	95 781	52 110,001	1 320 919,198	25,349	24,888
50	27	95 461	51 294,725	1 268 809,197	24,736	24,275
51	28	95 104	50 472,217	1 217 514,472	24,122	23,662
52	29	94 713	49 644,252	1 167 042,255	23,508	23,048
53	30	94 270	48 801,748	1 117 398,003	22,897	22,436
54	31	93 772	47 944,680	1 068 596,255	22,288	21,828
55	32	93 219	47 073,788	1 020 651,575	21,682	21,222
56	33	92 614	46 190,744	973 577,786	21,077	20,617
57	34	91 949	45 292,749	927 387,043	20,475	20,015
58	35	91 220	44 378,907	882 094,293	19,876	19,416
59	36	90 413	43 443,572	837 715,386	19,283	18,822
60	37	89 535	42 490,391	794 271,814	18,693	18,233
61	38	88 595	41 525,318	751 781,423	18,104	17,644
62	39	87 570	40 538,249	710 256,105	17,521	17,060
63	40	86 457	39 528,688	669 717,856	16,943	16,482
64	41	85 269	38 504,345	630 189,168	16,367	15,906
65	42	83 988	37 457,451	591 684,823	15,796	15,336
66	43	82 628	36 396,287	554 227,372	15,228	14,767
67	44	81 205	35 327,551	517 831,085	14,658	14,198
68	45	79 665	34 230,021	482 503,534	14,096	13,636
69	46	78 088	33 138,232	448 273,513	13,527	13,067
70	47	76 380	32 013,055	415 135,281	12,968	12,507
71	48	74 562	30 865,146	383 122,226	12,413	11,952
72	49	72 627	29 692,983	352 257,079	11,863	11,403
73	50	70 599	28 507,819	322 564,097	11,315	10,855
74	51	68 467	27 305,248	294 056,278	10,769	10,309
75	52	66 203	26 076,588	266 751,030	10,230	9,769
76	53	63 793	24 817,081	240 674,442	9,698	9,238
77	54	61 224	23 523,593	215 857,361	9,176	8,716
78	55	58 521	22 207,655	192 333,768	8,661	8,200
79	56	55 630	20 849,915	170 126,113	8,160	7,699
80	57	52 531	19 445,358	149 276,198	7,677	7,216
81	58	49 256	18 007,965	129 830,840	7,210	6,749
82	59	45 776	16 529,080	111 822,875	6,765	6,305
83	60	42 149	15 031,418	95 293,795	6,340	5,879
84	61	38 367	13 513,637	80 262,377	5,939	5,479
85	62	34 515	12 006,987	66 748,740	5,559	5,099
86	63	30 617	10 519,453	54 741,753	5,204	4,743
87	64	26 765	9 082,417	44 222,300	4,869	4,409
88	65	23 037	7 720,660	35 139,883	4,551	4,091
89	66	19 481	6 448,265	27 419,223	4,252	3,792
90	67	16 174	5 287,511	20 970,957	3,966	3,506
91	68	13 141	4 243,020	15 683,446	3,696	3,236
92	69	10 374	3 308,291	11 440,426	3,458	2,998
93	70	7 958	2 506,463	8 132,134	3,244	2,784
94	71	5 944	1 849,097	5 625,671	3,042	2,582
95	72	4 261	1 309,016	3 776,574	2,885	2,425
96	73	2 999	909,885	2 467,558	2,712	2,252
97	74	2 029	608,161	1 557,673	2,561	2,101
98	75	1 320	390,818	949,512	2,430	1,969
99	76	827	241,726	558,694	2,311	1,851
100	77	498	143,686	316,968	2,206	1,746

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	73 595,788	2 894 355,549	39,328	38,867
25	1	98 808	72 429,465	2 820 759,761	38,945	38,485
26	2	98 737	71 484,336	2 748 330,296	38,447	37,986
27	3	98 679	70 559,957	2 676 845,960	37,937	37,477
28	4	98 615	69 643,773	2 606 286,003	37,423	36,963
29	5	98 555	68 742,293	2 536 642,230	36,901	36,440
30	6	98 491	67 849,658	2 467 899,937	36,373	35,913
31	7	98 428	66 968,993	2 400 050,279	35,838	35,378
32	8	98 356	66 093,428	2 333 081,286	35,300	34,839
33	9	98 281	65 227,693	2 266 987,858	34,755	34,295
34	10	98 205	64 372,503	2 201 760,165	34,203	33,743
35	11	98 120	63 522,819	2 137 387,663	33,648	33,187
36	12	98 025	62 678,222	2 073 864,844	33,087	32,627
37	13	97 930	61 844,597	2 011 186,622	32,520	32,060
38	14	97 830	61 018,621	1 949 342,025	31,947	31,486
39	15	97 717	60 195,739	1 888 323,405	31,370	30,909
40	16	97 599	59 380,266	1 828 127,666	30,787	30,326
41	17	97 462	58 565,209	1 768 747,400	30,201	29,741
42	18	97 319	57 757,111	1 710 182,190	29,610	29,150
43	19	97 154	56 947,464	1 652 425,079	29,017	28,556
44	20	96 976	56 141,462	1 595 477,615	28,419	27,958
45	21	96 784	55 338,547	1 539 336,153	27,817	27,356
46	22	96 570	54 534,594	1 483 997,606	27,212	26,752
47	23	96 343	53 734,352	1 429 463,012	26,602	26,142
48	24	96 082	52 927,558	1 375 728,660	25,993	25,532
49	25	95 798	52 119,719	1 322 801,102	25,380	24,920
50	26	95 479	51 304,708	1 270 681,383	24,767	24,307
51	27	95 125	50 483,244	1 219 376,675	24,154	23,694
52	28	94 737	49 656,636	1 168 893,431	23,540	23,079
53	29	94 294	48 814,380	1 119 236,795	22,928	22,468
54	30	93 800	47 958,921	1 070 422,415	22,320	21,859
55	31	93 249	47 088,819	1 022 463,494	21,714	21,253
56	32	92 646	46 206,780	975 374,675	21,109	20,649
57	33	91 981	45 308,882	929 167,896	20,507	20,047
58	34	91 255	44 396,271	883 859,014	19,908	19,448
59	35	90 450	43 461,064	839 462,743	19,315	18,855
60	36	89 577	42 510,321	796 001,678	18,725	18,265
61	37	88 636	41 544,438	753 491,357	18,137	17,677
62	38	87 622	40 562,005	711 946,919	17,552	17,092
63	39	86 508	39 552,250	671 384,915	16,975	16,514
64	40	85 327	38 530,496	631 832,665	16,398	15,938
65	41	84 052	37 486,048	593 302,169	15,827	15,367
66	42	82 697	36 426,514	555 816,121	15,259	14,798
67	43	81 278	35 359,372	519 389,608	14,689	14,228
68	44	79 747	34 264,972	484 030,236	14,126	13,666
69	45	78 175	33 175,122	449 765,263	13,557	13,097
70	46	76 477	32 053,755	416 590,142	12,997	12,536
71	47	74 669	30 909,456	384 536,387	12,441	11,980
72	48	72 743	29 740,555	353 626,931	11,890	11,430
73	49	70 728	28 559,553	323 886,375	11,341	10,880
74	50	68 602	27 359,164	295 326,822	10,794	10,334
75	51	66 350	26 134,312	267 967,659	10,253	9,793
76	52	63 950	24 878,165	241 833,346	9,721	9,260
77	53	61 392	23 588,063	216 955,182	9,198	8,737
78	54	58 698	22 274,694	193 367,119	8,681	8,221
79	55	55 815	20 919,229	171 092,425	8,179	7,718
80	56	52 722	19 515,984	150 173,196	7,695	7,234
81	57	49 454	18 080,146	130 657,212	7,227	6,766
82	58	45 979	16 602,305	112 577,066	6,781	6,320
83	59	42 354	15 104,372	95 974,761	6,354	5,894
84	60	38 575	13 586,884	80 870,389	5,952	5,492
85	61	34 710	12 074,545	67 283,505	5,572	5,112
86	62	30 804	10 583,767	55 208,960	5,216	4,756
87	63	26 943	9 142,616	44 625,193	4,881	4,421
88	64	23 206	7 777,337	35 482,577	4,562	4,102
89	65	19 638	6 500,347	27 705,241	4,262	3,802
90	66	16 316	5 334,107	21 204,894	3,975	3,515
91	67	13 269	4 284,557	15 870,786	3,704	3,244
92	68	10 481	3 342,434	11 586,230	3,466	3,006
93	69	8 048	2 534,782	8 243,796	3,252	2,792
94	70	6 018	1 871,904	5 709,014	3,050	2,589
95	71	4 318	1 326,782	3 837,110	2,892	2,432
96	72	3 042	923,187	2 510,328	2,719	2,259
97	73	2 061	617,725	1 587,141	2,569	2,109
98	74	1 343	397,621	969,416	2,438	1,978
99	75	843	246,424	571,795	2,320	1,860
100	76	509	146,892	325,371	2,215	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	72 652,061	2 822 873,065	38,855	38,394
26	1	98 760	71 500,856	2 750 221,004	38,464	38,004
27	2	98 691	70 568,360	2 678 720,148	37,959	37,499
28	3	98 627	69 652,072	2 608 151,788	37,445	36,985
29	4	98 564	68 748,544	2 538 499,716	36,924	36,464
30	5	98 499	67 854,747	2 469 751,172	36,398	35,937
31	6	98 435	66 973,401	2 401 896,425	35,863	35,403
32	7	98 360	66 096,686	2 334 923,024	35,326	34,865
33	8	98 287	65 231,731	2 268 826,337	34,781	34,321
34	9	98 211	64 376,668	2 203 594,606	34,230	33,769
35	10	98 125	63 526,583	2 139 217,938	33,674	33,214
36	11	98 033	62 682,891	2 075 691,355	33,114	32,654
37	12	97 938	61 849,490	2 013 008,464	32,547	32,086
38	13	97 839	61 023,852	1 951 158,974	31,974	31,513
39	14	97 728	60 202,056	1 890 135,123	31,397	30,936
40	15	97 611	59 387,696	1 829 933,067	30,813	30,353
41	16	97 476	58 573,474	1 770 545,371	30,228	29,767
42	17	97 333	57 765,569	1 711 971,897	29,637	29,176
43	18	97 174	56 959,063	1 654 206,327	29,042	28,582
44	19	96 995	56 152,300	1 597 247,264	28,445	27,985
45	20	96 802	55 348,796	1 541 094,964	27,843	27,383
46	21	96 586	54 543,625	1 485 746,168	27,240	26,779
47	22	96 359	53 743,652	1 431 202,543	26,630	26,170
48	23	96 103	52 939,045	1 377 458,891	26,020	25,559
49	24	95 815	52 128,559	1 324 519,846	25,409	24,948
50	25	95 497	51 314,276	1 272 391,288	24,796	24,336
51	26	95 143	50 493,068	1 221 077,012	24,183	23,723
52	27	94 758	49 667,485	1 170 583,944	23,568	23,108
53	28	94 318	48 826,557	1 120 916,459	22,957	22,497
54	29	93 824	47 971,335	1 072 089,901	22,349	21,888
55	30	93 277	47 102,805	1 024 118,566	21,742	21,282
56	31	92 676	46 221,533	977 015,761	21,138	20,677
57	32	92 013	45 324,611	930 794,228	20,536	20,076
58	33	91 288	44 412,084	885 469,616	19,938	19,477
59	34	90 485	43 478,069	841 057,532	19,344	18,884
60	35	89 613	42 527,438	797 579,463	18,754	18,294
61	36	88 678	41 563,925	755 052,025	18,166	17,706
62	37	87 662	40 580,681	713 488,100	17,582	17,122
63	38	86 559	39 575,427	672 907,420	17,003	16,543
64	39	85 378	38 553,462	633 331,992	16,427	15,967
65	40	84 109	37 511,507	594 778,530	15,856	15,396
66	41	82 760	36 454,323	557 267,023	15,287	14,826
67	42	81 345	35 388,738	520 812,700	14,717	14,257
68	43	79 819	34 295,836	485 423,962	14,154	13,694
69	44	78 255	33 208,996	451 128,126	13,585	13,124
70	45	76 562	32 089,437	417 919,129	13,024	12,563
71	46	74 764	30 948,753	385 829,692	12,467	12,006
72	47	72 847	29 783,251	354 880,940	11,915	11,455
73	48	70 841	28 605,310	325 097,689	11,365	10,905
74	49	68 726	27 408,813	296 492,379	10,817	10,357
75	50	66 481	26 185,916	269 083,566	10,276	9,815
76	51	64 092	24 933,237	242 897,650	9,742	9,282
77	52	61 543	23 646,121	217 964,413	9,218	8,757
78	53	58 859	22 335,740	194 318,292	8,700	8,239
79	54	55 984	20 982,378	171 982,552	8,197	7,736
80	55	52 897	19 580,863	151 000,174	7,712	7,251
81	56	49 633	18 145,814	131 419,311	7,242	6,782
82	57	46 163	16 668,852	113 273,497	6,796	6,335
83	58	42 541	15 171,286	96 604,645	6,368	5,907
84	59	38 762	13 652,827	81 433,359	5,965	5,504
85	60	34 898	12 139,992	67 780,532	5,583	5,123
86	61	30 978	10 643,317	55 640,540	5,228	4,767
87	62	27 107	9 198,512	44 997,223	4,892	4,431
88	63	23 359	7 828,885	35 798,711	4,573	4,112
89	64	19 782	6 548,065	27 969,826	4,271	3,811
90	65	16 448	5 377,190	21 421,760	3,984	3,523
91	66	13 386	4 322,314	16 044,570	3,712	3,252
92	67	10 584	3 375,154	11 722,256	3,473	3,013
93	68	8 131	2 560,942	8 347,103	3,259	2,799
94	69	6 085	1 893,053	5 786,161	3,057	2,596
95	70	4 372	1 343,146	3 893,108	2,898	2,438
96	71	3 084	935,717	2 549,961	2,725	2,265
97	72	2 091	626,756	1 614,244	2,576	2,115
98	73	1 364	403,874	987,488	2,445	1,985
99	74	858	250,714	583,614	2,328	1,867
100	75	519	149,748	332,901	2,223	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 454 768,379	44,548	44,087
1	1	99 340	97 871,962	4 354 768,379	44,495	44,034
2	2	99 290	96 377,038	4 256 896,417	44,169	43,708
3	3	99 263	94 926,632	4 160 519,379	43,829	43,368
4	4	99 238	93 500,594	4 065 592,747	43,482	43,021
5	5	99 218	92 099,752	3 972 092,153	43,128	42,667
6	6	99 201	90 723,317	3 879 992,401	42,767	42,307
7	7	99 184	89 367,426	3 789 269,084	42,401	41,940
8	8	99 171	88 034,971	3 699 901,659	42,028	41,567
9	9	99 157	86 721,527	3 611 866,687	41,649	41,188
10	10	99 142	85 427,529	3 525 145,160	41,265	40,804
11	11	99 129	84 153,594	3 439 717,631	40,874	40,413
12	12	99 112	82 896,366	3 355 564,037	40,479	40,018
13	13	99 097	81 658,436	3 272 667,671	40,078	39,617
14	14	99 079	80 437,072	3 191 009,236	39,671	39,210
15	15	99 056	79 230,460	3 110 572,164	39,260	38,799
16	16	99 029	78 038,070	3 031 341,704	38,844	38,384
17	17	98 990	76 854,150	2 953 303,634	38,427	37,967
18	18	98 946	75 685,089	2 876 449,484	38,005	37,545
19	19	98 888	74 522,826	2 800 764,395	37,583	37,122
20	20	98 828	73 376,680	2 726 241,569	37,154	36,693
21	21	98 765	72 246,330	2 652 864,889	36,720	36,259
22	22	98 704	71 135,040	2 580 618,559	36,278	35,817
23	23	98 643	70 040,052	2 509 483,519	35,829	35,368
24	24	98 576	68 958,324	2 439 443,467	35,376	34,915
25	25	98 512	67 894,878	2 370 485,143	34,914	34,453
26	26	98 446	66 846,855	2 302 590,265	34,446	33,985
27	27	98 380	65 814,957	2 235 743,410	33,970	33,509
28	28	98 307	64 793,949	2 169 928,453	33,490	33,029
29	29	98 232	63 787,609	2 105 134,505	33,002	32,541
30	30	98 150	62 792,697	2 041 346,896	32,509	32,049
31	31	98 064	61 810,725	1 978 554,199	32,010	31,549
32	32	97 966	60 835,923	1 916 743,474	31,507	31,046
33	33	97 863	59 874,097	1 855 907,550	30,997	30,536
34	34	97 759	58 926,383	1 796 033,454	30,479	30,018
35	35	97 642	57 986,111	1 737 107,070	29,957	29,496
36	36	97 516	57 055,485	1 679 120,959	29,430	28,969
37	37	97 384	56 136,092	1 622 065,474	28,895	28,434
38	38	97 248	55 229,244	1 565 929,382	28,353	27,892
39	39	97 089	54 324,108	1 510 700,137	27,809	27,348
40	40	96 925	53 431,029	1 456 376,029	27,257	26,796
41	41	96 737	52 539,570	1 402 945,000	26,703	26,242
42	42	96 536	51 655,126	1 350 405,430	26,143	25,682
43	43	96 312	50 773,752	1 298 750,304	25,579	25,118
44	44	96 067	49 896,537	1 247 976,551	25,011	24,550
45	45	95 797	49 020,827	1 198 080,015	24,440	23,979
46	46	95 495	48 144,056	1 149 059,188	23,867	23,406
47	47	95 165	47 268,843	1 100 915,132	23,291	22,830
48	48	94 793	46 387,932	1 053 646,289	22,714	22,253
49	49	94 378	45 502,224	1 007 258,357	22,136	21,676
50	50	93 910	44 607,752	961 756,133	21,560	21,099
51	51	93 395	43 707,621	917 148,381	20,984	20,523
52	52	92 829	42 800,689	873 440,760	20,407	19,946
53	53	92 192	41 878,481	830 640,071	19,835	19,374
54	54	91 481	40 941,648	788 761,590	19,266	18,805
55	55	90 697	39 991,035	747 819,942	18,700	18,239
56	56	89 841	39 028,046	707 828,907	18,136	17,676
57	57	88 905	38 050,439	668 800,861	17,577	17,116
58	58	87 882	37 056,908	630 750,422	17,021	16,560
59	59	86 756	36 041,446	593 693,514	16,473	16,012
60	60	85 538	35 010,421	557 652,069	15,928	15,467
61	61	84 223	33 962,594	522 641,648	15,389	14,928
62	62	82 831	32 907,853	488 679,054	14,850	14,389
63	63	81 330	31 833,738	455 771,201	14,317	13,856
64	64	79 738	30 749,623	423 937,463	13,787	13,326
65	65	78 027	29 645,054	393 187,841	13,263	12,802
66	66	76 212	28 527,714	363 542,786	12,743	12,283
67	67	74 312	27 405,202	335 015,072	12,225	11,764
68	68	72 270	26 258,390	307 609,870	11,715	11,254
69	69	70 194	25 127,160	281 351,480	11,197	10,736
70	70	67 978	23 974,118	256 224,320	10,688	10,227
71	71	65 645	22 809,309	232 250,202	10,182	9,721
72	72	63 186	21 630,532	209 440,893	9,683	9,222
73	73	60 647	20 454,571	187 810,360	9,182	8,721
74	74	58 019	19 278,867	167 355,790	8,681	8,220
75	75	55 263	18 091,771	148 076,923	8,185	7,724
76	76	52 364	16 889,498	129 985,152	7,696	7,235
77	77	49 293	15 664,026	113 095,654	7,220	6,759
78	78	46 104	14 434,082	97 431,628	6,750	6,289
79	79	42 737	13 182,039	82 997,547	6,296	5,835
80	80	39 169	11 903,061	69 815,508	5,865	5,405
81	81	35 458	10 616,088	57 912,447	5,455	4,994
82	82	31 640	9 333,117	47 296,359	5,068	4,607
83	83	27 801	8 079,363	37 963,242	4,699	4,238
84	84	23 966	6 861,818	29 883,879	4,355	3,894
85	85	20 224	5 704,867	23 022,061	4,036	3,575
86	86	16 656	4 628,905	17 317,195	3,741	3,280
87	87	13 353	3 656,343	12 688,290	3,470	3,009
88	88	10 406	2 807,199	9 031,947	3,217	2,757
89	89	7 852	2 086,957	6 224,747	2,983	2,522
90	90	5 716	1 496,656	4 137,790	2,765	2,304
91	91	3 996	1 030,807	2 641,134	2,562	2,101
92	92	2 654	674,473	1 610,327	2,388	1,927
93	93	1 672	418,815	935,855	2,235	1,774
94	94	1 000	246,741	517,040	2,095	1,635
95	95	556	135,074	270,299	2,001	1,540
96	96	298	71,362	135,224	1,895	1,434
97	97	150	35,305	63,862	1,809	1,348
98	98	72	16,646	28,557	1,716	1,255
99	99	32	7,280	11,911	1,636	1,175
100	100	13	2,954	4,631	1,568	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	4 441 369,768	44,550	44,089	50	51	93 725	44 519,845	949 779,224	21,334	20,873
1	2	99 317	97 849,348	4 341 676,154	44,371	43,910	51	52	93 189	43 611,081	905 259,379	20,758	20,297
2	3	99 278	96 365,561	4 243 826,806	44,039	43,578	52	53	92 601	42 695,600	861 648,298	20,181	19,720
3	4	99 251	94 915,323	4 147 461,245	43,696	43,236	53	54	91 940	41 764,021	818 952,698	19,609	19,148
4	5	99 229	93 492,092	4 052 545,922	43,346	42,886	54	55	91 206	40 818,429	777 188,677	19,040	18,579
5	6	99 210	92 092,845	3 959 053,831	42,990	42,529	55	56	90 397	39 858,529	736 370,248	18,475	18,014
6	7	99 194	90 717,345	3 866 960,986	42,626	42,166	56	57	89 516	38 886,808	696 511,719	17,911	17,450
7	8	99 179	89 363,020	3 776 243,641	42,257	41,797	57	58	88 550	37 898,531	657 624,911	17,352	16,891
8	9	99 165	88 029,521	3 686 880,621	41,882	41,422	58	59	87 494	36 893,466	619 726,380	16,798	16,337
9	10	99 150	86 715,915	3 598 851,100	41,502	41,041	59	60	86 337	35 867,365	582 832,914	16,250	15,789
10	11	99 136	85 422,467	3 512 135,184	41,115	40,654	60	61	85 077	34 821,679	546 965,548	15,708	15,247
11	12	99 121	84 147,326	3 426 712,717	40,723	40,262	61	62	83 752	33 772,570	512 143,869	15,164	14,704
12	13	99 105	82 889,807	3 342 565,391	40,325	39,865	62	63	82 328	32 707,884	478 371,300	14,626	14,165
13	14	99 088	81 651,436	3 259 675,584	39,922	39,461	63	64	80 794	31 624,131	445 663,416	14,093	13,632
14	15	99 068	80 428,631	3 178 024,148	39,514	39,053	64	65	79 157	30 525,539	414 039,285	13,564	13,103
15	16	99 044	79 220,548	3 097 595,517	39,101	38,640	65	66	77 402	29 407,533	383 513,745	13,041	12,581
16	17	99 015	78 027,059	3 018 374,969	38,684	38,223	66	67	75 547	28 278,512	354 106,212	12,522	12,061
17	18	98 975	76 842,897	2 940 347,910	38,264	37,804	67	68	73 591	27 139,525	325 827,700	12,006	11,545
18	19	98 926	75 669,677	2 863 505,013	37,842	37,381	68	69	71 532	25 990,166	298 688,174	11,492	11,032
19	20	98 869	74 508,442	2 787 835,337	37,416	36,956	69	70	69 410	24 846,435	272 698,008	10,975	10,515
20	21	98 809	73 363,093	2 713 326,895	36,985	36,524	70	71	67 149	23 682,029	247 851,574	10,466	10,005
21	22	98 749	72 234,369	2 639 963,802	36,547	36,086	71	72	64 766	22 503,884	224 169,545	9,961	9,501
22	23	98 687	71 122,730	2 567 729,433	36,103	35,642	72	73	62 276	21 318,851	201 665,661	9,459	8,999
23	24	98 621	70 024,855	2 496 606,703	35,653	35,192	73	74	59 708	20 137,877	180 346,810	8,956	8,495
24	25	98 559	68 946,630	2 426 581,848	35,195	34,734	74	75	57 026	18 949,036	160 208,932	8,455	7,994
25	26	98 493	67 882,218	2 357 635,218	34,731	34,270	75	76	54 209	17 746,805	141 259,896	7,960	7,499
26	27	98 427	66 833,848	2 289 752,999	34,260	33,800	76	77	51 221	16 520,867	123 513,091	7,476	7,015
27	28	98 359	65 800,581	2 222 919,151	33,783	33,322	77	78	48 088	15 281,011	106 992,224	7,002	6,541
28	29	98 282	64 777,789	2 157 118,570	33,300	32,839	78	79	44 809	14 028,480	91 711,213	6,538	6,077
29	30	98 206	63 771,102	2 092 340,781	32,810	32,349	79	80	41 330	12 748,043	77 682,733	6,094	5,633
30	31	98 121	62 774,051	2 028 569,679	32,315	31,855	80	81	37 665	11 445,889	64 934,690	5,673	5,212
31	32	98 033	61 790,996	1 965 795,627	31,814	31,353	81	82	33 896	10 148,316	53 488,801	5,271	4,810
32	33	97 932	60 814,810	1 904 004,632	31,308	30,847	82	83	30 048	8 863,273	43 340,486	4,890	4,429
33	34	97 828	59 852,779	1 843 189,821	30,795	30,335	83	84	26 186	7 610,098	34 477,213	4,530	4,070
34	35	97 720	58 903,336	1 783 337,043	30,276	29,815	84	85	22 355	6 400,560	26 867,114	4,198	3,737
35	36	97 602	57 962,773	1 724 433,706	29,751	29,290	85	86	18 662	5 264,329	20 466,554	3,888	3,427
36	37	97 470	57 028,734	1 666 470,933	29,222	28,761	86	87	15 175	4 217,360	15 202,225	3,605	3,144
37	38	97 339	56 110,257	1 609 442,199	28,684	28,223	87	88	12 002	3 286,358	10 984,865	3,343	2,882
38	39	97 191	55 196,899	1 553 331,941	28,142	27,681	88	89	9 211	2 484,863	7 698,508	3,098	2,637
39	40	97 031	54 291,747	1 498 135,043	27,594	27,133	89	90	6 824	1 813,736	5 213,645	2,875	2,414
40	41	96 859	53 394,765	1 443 843,295	27,041	26,580	90	91	4 870	1 275,245	3 399,909	2,666	2,205
41	42	96 664	52 499,490	1 390 448,530	26,485	26,024	91	92	3 327	858,317	2 124,663	2,475	2,015
42	43	96 455	51 612,262	1 337 949,040	25,923	25,462	92	93	2 156	547,970	1 266,347	2,311	1,850
43	44	96 225	50 728,059	1 286 336,778	25,358	24,897	93	94	1 323	331,200	718,377	2,169	1,708
44	45	95 969	49 845,640	1 235 608,719	24,789	24,328	94	95	765	188,714	387,177	2,052	1,591
45	46	95 691	48 966,318	1 185 763,078	24,216	23,755	95	96	417	101,436	198,463	1,957	1,496
46	47	95 374	48 082,926	1 136 796,761	23,642	23,182	96	97	218	52,131	97,027	1,861	1,400
47	48	95 029	47 201,081	1 088 713,835	23,065	22,605	97	98	108	25,523	44,896	1,759	1,298
48	49	94 641	46 313,731	1 041 512,754	22,488	22,027	98	99	50	11,574	19,372	1,674	1,213
49	50	94 207	45 419,799	995 199,023	21,911	21,450	99	100	21	4,874	7,799	1,600	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	4 427 312,442	44,419	43,959	50	52	93 518	44 421,510	936 944,927	21,092	20,631
1	3	99 305	97 837,696	4 327 641,863	44,233	43,772	51	53	92 960	43 504,003	892 523,417	20,516	20,055
2	4	99 266	96 354,081	4 229 804,167	43,899	43,438	52	54	92 348	42 578,907	849 019,414	19,940	19,479
3	5	99 242	94 906,692	4 133 450,086	43,553	43,092	53	55	91 663	41 638,327	806 440,507	19,368	18,907
4	6	99 222	93 485,080	4 038 543,394	43,200	42,739	54	56	90 904	40 683,181	764 802,180	18,799	18,338
5	7	99 204	92 086,783	3 945 058,314	42,841	42,380	55	57	90 070	39 714,285	724 118,999	18,233	17,772
6	8	99 189	90 712,873	3 852 971,531	42,474	42,014	56	58	89 159	38 731,561	684 404,713	17,670	17,210
7	9	99 173	89 357,488	3 762 258,658	42,103	41,643	57	59	88 159	37 731,377	645 673,152	17,112	16,652
8	10	99 158	88 023,825	3 672 901,171	41,726	41,265	58	60	87 072	36 715,271	607 941,775	16,558	16,097
9	11	99 144	86 710,777	3 584 877,346	41,343	40,882	59	61	85 871	35 674,004	571 226,504	16,012	15,552
10	12	99 129	85 416,105	3 498 166,569	40,954	40,494	60	62	84 601	34 626,848	535 552,501	15,466	15,006
11	13	99 113	84 140,668	3 412 750,464	40,560	40,099	61	63	83 243	33 567,346	500 925,653	14,923	14,462
12	14	99 096	82 882,702	3 328 609,795	40,160	39,700	62	64	81 786	32 492,521	467 358,306	14,384	13,923
13	15	99 078	81 642,868	3 245 727,093	39,755	39,294	63	65	80 205	31 393,675	434 865,785	13,852	13,391
14	16	99 056	80 418,569	3 164 084,225	39,345	38,884	64	66	78 523	30 280,964	403 472,110	13,324	12,863
15	17	99 030	79 209,370	3 083 665,656	38,931	38,470	65	67	76 726	29 150,646	373 191,146	12,802	12,341
16	18	99 001	78 015,634	3 004 456,286	38,511	38,050	66	68	74 814	28 004,369	344 040,500	12,285	11,824
17	19	98 955	76 827,248	2 926 440,652	38,091	37,630	67	69	72 840	26 862,301	316 036,131	11,765	11,304
18	20	98 907	75 655,070	2 849 613,404	37,666	37,205	68	70	70 733	25 699,799	289 173,830	11,252	10,791
19	21	98 851	74 494,645	2 773 958,333	37,237	36,776	69	71	68 564	24 543,717	263 474,031	10,735	10,274
20	22	98 793	73 350,947	2 699 463,688	36,802	36,341	70	72	66 250	23 364,918	238 930,314	10,226	9,765
21	23	98 731	72 221,869	2 626 112,741	36,362	35,901	71	73	63 833	22 179,619	215 565,396	9,719	9,258
22	24	98 666	71 107,298	2 553 890,872	35,916	35,455	72	74	61 312	20 988,776	193 385,778	9,214	8,753
23	25	98 605	70 012,981	2 482 783,574	35,462	35,001	73	75	58 687	19 793,350	172 397,001	8,710	8,249
24	26	98 541	68 933,774	2 412 770,594	35,001	34,540	74	76	55 939	18 587,725	152 603,651	8,210	7,749
25	27	98 474	67 869,010	2 343 836,819	34,535	34,074	75	77	53 026	17 359,462	134 015,926	7,720	7,259
26	28	98 405	66 819,250	2 275 967,809	34,062	33,601	76	78	49 969	16 116,901	116 656,464	7,238	6,777
27	29	98 334	65 784,170	2 209 148,559	33,582	33,121	77	79	46 737	14 851,611	100 539,564	6,770	6,309
28	30	98 257	64 761,026	2 143 364,388	33,097	32,636	78	80	43 333	13 566,617	85 687,953	6,316	5,855
29	31	98 177	63 752,166	2 078 603,362	32,604	32,144	79	81	39 742	12 258,416	72 121,336	5,883	5,423
30	32	98 090	62 754,014	2 014 851,196	32,107	31,646	80	82	36 005	10 941,553	59 862,920	5,471	5,010
31	33	97 999	61 769,551	1 952 097,182	31,603	31,142	81	83	32 189	9 637,434	48 921,366	5,076	4,615
32	34	97 897	60 793,158	1 890 327,630	31,094	30,634	82	84	28 302	8 348,478	39 283,933	4,706	4,245
33	35	97 790	59 829,369	1 829 534,473	30,579	30,118	83	85	24 426	7 098,540	30 935,455	4,358	3,897
34	36	97 681	58 879,629	1 769 705,104	30,056	29,596	84	86	20 628	5 906,300	23 836,915	4,036	3,575
35	37	97 557	57 935,597	1 710 825,475	29,530	29,069	85	87	17 003	4 796,290	17 930,615	3,738	3,278
36	38	97 425	57 002,488	1 652 889,877	28,997	28,536	86	88	13 639	3 790,605	13 134,325	3,465	3,004
37	39	97 282	56 077,396	1 595 887,389	28,459	27,998	87	89	10 624	2 909,001	9 343,720	3,212	2,751
38	40	97 133	55 164,018	1 539 809,993	27,913	27,453	88	90	8 005	2 159,549	6 434,718	2,980	2,519
39	41	96 965	54 254,900	1 484 645,975	27,364	26,903	89	91	5 815	1 545,418	4 275,169	2,766	2,306
40	42	96 785	53 354,032	1 430 391,076	26,809	26,349	90	92	4 055	1 061,852	2 729,752	2,571	2,110
41	43	96 583	52 455,925	1 377 037,043	26,251	25,791	91	93	2 703	697,332	1 667,899	2,392	1,931
42	44	96 369	51 565,815	1 324 581,118	25,687	25,226	92	94	1 705	433,335	970,567	2,240	1,779
43	45	96 127	50 676,315	1 273 015,303	25,121	24,660	93	95	1 012	253,311	537,232	2,121	1,660
44	46	95 863	49 790,214	1 222 338,989	24,550	24,089	94	96	574	141,718	283,921	2,003	1,543
45	47	95 569	48 904,144	1 172 548,775	23,976	23,516	95	97	305	74,101	142,203	1,919	1,458
46	48	95 237	48 013,997	1 123 644,631	23,402	22,942	96	98	157	37,688	68,103	1,807	1,346
47	49	94 877	47 125,579	1 075 630,634	22,825	22,364	97	99	75	17,746	30,415	1,714	1,253
48	50	94 470	46 229,836	1 028 505,055	22,248	21,787	98	100	33	7,748	12,669	1,635	1,174
49	51	94 021	45 330,292	982 275,218	21,669	21,208							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	4 412 282,340	44,274	43,813
1	4	99 293	97 826,040	4 312 623,630	44,085	43,624
2	5	99 257	96 345,319	4 214 797,590	43,747	43,286
3	6	99 234	94 899,575	4 118 452,271	43,398	42,937
4	7	99 215	93 478,926	4 023 552,696	43,042	42,582
5	8	99 199	92 082,243	3 930 073,770	42,680	42,219
6	9	99 183	90 707,257	3 837 991,527	42,312	41,851
7	10	99 167	89 351,706	3 747 284,270	41,939	41,478
8	11	99 152	88 018,609	3 657 932,564	41,559	41,098
9	12	99 137	86 704,319	3 569 913,955	41,173	40,713
10	13	99 121	85 409,347	3 483 209,637	40,783	40,322
11	14	99 105	84 133,456	3 397 800,290	40,386	39,925
12	15	99 086	82 874,005	3 313 666,833	39,984	39,524
13	16	99 066	81 632,654	3 230 792,829	39,577	39,116
14	17	99 042	80 407,222	3 149 160,174	39,165	38,704
15	18	99 016	79 197,772	3 068 752,953	38,748	38,287
16	19	98 981	77 999,747	2 989 555,180	38,328	37,867
17	20	98 936	76 812,419	2 911 555,433	37,905	37,444
18	21	98 889	75 641,061	2 834 743,015	37,476	37,015
19	22	98 834	74 482,312	2 759 101,953	37,044	36,583
20	23	98 776	73 338,254	2 684 619,641	36,606	36,145
21	24	98 710	72 206,198	2 611 281,388	36,164	35,703
22	25	98 649	71 095,240	2 539 075,189	35,714	35,253
23	26	98 586	69 999,926	2 467 979,949	35,257	34,796
24	27	98 522	68 920,362	2 397 980,023	34,793	34,333
25	28	98 453	67 854,186	2 329 059,661	34,324	33,864
26	29	98 381	66 802,586	2 261 205,476	33,849	33,388
27	30	98 309	65 767,147	2 194 402,890	33,366	32,905
28	31	98 228	64 741,797	2 128 635,743	32,879	32,418
29	32	98 146	63 731,817	2 063 893,947	32,384	31,923
30	33	98 056	62 732,236	2 000 162,130	31,884	31,423
31	34	97 964	61 747,558	1 937 429,894	31,377	30,916
32	35	97 858	60 769,380	1 875 682,336	30,866	30,405
33	36	97 750	59 805,289	1 814 912,955	30,347	29,886
34	37	97 635	58 852,023	1 755 107,666	29,822	29,362
35	38	97 512	57 908,934	1 696 255,643	29,292	28,831
36	39	97 368	56 969,104	1 638 346,709	28,759	28,298
37	40	97 224	56 043,990	1 581 377,605	28,217	27,756
38	41	97 067	55 126,578	1 525 333,614	27,670	27,209
39	42	96 891	54 213,511	1 470 207,036	27,119	26,658
40	43	96 705	53 309,759	1 415 993,525	26,562	26,101
41	44	96 496	52 408,718	1 362 683,767	26,001	25,540
42	45	96 270	51 513,216	1 310 275,049	25,436	24,975
43	46	96 020	50 619,965	1 258 761,833	24,867	24,406
44	47	95 741	49 726,994	1 208 141,868	24,295	23,835
45	48	95 432	48 834,037	1 158 414,874	23,721	23,261
46	49	95 085	47 937,195	1 109 580,837	23,147	22,686
47	50	94 705	47 040,213	1 061 643,642	22,569	22,108
48	51	94 283	46 138,733	1 014 603,428	21,990	21,529
49	52	93 813	45 230,167	968 464,695	21,412	20,951
50	53	93 288	44 312,442	923 234,528	20,835	20,374
51	54	92 706	43 385,100	878 922,086	20,259	19,798
52	55	92 070	42 450,760	835 536,986	19,682	19,222
53	56	91 359	41 500,363	793 086,226	19,110	18,650
54	57	90 575	40 535,954	751 585,864	18,541	18,080
55	58	89 710	39 555,735	711 049,910	17,976	17,515
56	59	88 765	38 560,733	671 494,175	17,414	16,953
57	60	87 733	37 549,135	632 933,442	16,856	16,395
58	61	86 602	36 517,338	595 384,307	16,304	15,843
59	62	85 391	35 474,404	558 866,969	15,754	15,293
60	63	84 087	34 416,433	523 392,565	15,208	14,747
61	64	82 694	33 346,325	488 976,132	14,664	14,203
62	65	81 190	32 255,737	455 629,807	14,126	13,665
63	66	79 563	31 142,144	423 374,070	13,595	13,134
64	67	77 837	30 016,447	392 231,926	13,067	12,606
65	68	75 982	28 868,048	362 215,479	12,547	12,086
66	69	74 050	27 718,310	333 347,431	12,026	11,565
67	70	72 026	26 562,190	305 629,121	11,506	11,045
68	71	69 871	25 386,685	279 066,931	10,993	10,532
69	72	67 646	24 215,068	253 680,246	10,476	10,015
70	73	65 296	23 028,245	229 465,178	9,965	9,504
71	74	62 844	21 836,217	206 436,933	9,454	8,993
72	75	60 263	20 629,692	184 600,716	8,948	8,488
73	76	57 568	19 415,940	163 971,024	8,445	7,984
74	77	54 718	18 182,028	144 555,084	7,950	7,490
75	78	51 729	16 934,991	126 373,057	7,462	7,001
76	79	48 565	15 664,012	109 438,066	6,987	6,526
77	80	45 198	14 362,647	93 774,054	6,529	6,068
78	81	41 669	13 045,550	79 411,408	6,087	5,626
79	82	37 991	11 718,279	66 365,857	5,663	5,203
80	83	34 192	10 390,739	54 647,578	5,259	4,798
81	84	30 320	9 077,673	44 256,840	4,875	4,415
82	85	26 400	7 787,285	35 179,167	4,518	4,057
83	86	22 540	6 550,382	27 391,882	4,182	3,721
84	87	18 794	5 381,185	20 841,500	3,873	3,412
85	88	15 282	4 310,953	15 460,315	3,586	3,125
86	89	12 073	3 355,348	11 149,362	3,323	2,862
87	90	9 233	2 528,160	7 794,013	3,083	2,622
88	91	6 821	1 840,072	5 265,853	2,862	2,401
89	92	4 842	1 286,815	3 425,781	2,662	2,201
90	93	3 295	862,693	2 138,966	2,479	2,019
91	94	2 138	551,452	1 276,273	2,314	1,854
92	95	1 304	331,427	724,821	2,187	1,726
93	96	760	190,228	393,395	2,068	1,607
94	97	420	103,527	203,167	1,962	1,502
95	98	220	53,571	99,640	1,860	1,399
96	99	109	26,203	46,069	1,758	1,297
97	100	50	11,880	19,866	1,672	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	4 396 242,271	44,118	43,657
1	5	99 284	97 817,145	4 296 595,434	43,925	43,464
2	6	99 250	96 338,094	4 198 778,289	43,584	43,123
3	7	99 228	94 893,328	4 102 440,196	43,232	42,771
4	8	99 210	93 474,318	4 007 546,868	42,873	42,412
5	9	99 193	92 076,542	3 914 072,550	42,509	42,048
6	10	99 177	90 701,387	3 821 996,007	42,138	41,677
7	11	99 161	89 346,411	3 731 294,620	41,762	41,301
8	12	99 145	88 012,053	3 641 948,209	41,380	40,919
9	13	99 129	86 697,459	3 553 936,156	40,992	40,532
10	14	99 113	85 402,026	3 467 238,697	40,599	40,138
11	15	99 095	84 124,627	3 381 836,671	40,200	39,740
12	16	99 073	82 863,637	3 297 712,043	39,797	39,336
13	17	99 052	81 621,136	3 214 848,406	39,387	38,927
14	18	99 028	80 395,449	3 133 227,271	38,973	38,512
15	19	98 995	79 181,644	3 052 831,822	38,555	38,094
16	20	98 961	77 984,691	2 973 650,178	38,131	37,670
17	21	98 918	76 798,195	2 895 665,487	37,705	37,244
18	22	98 872	75 628,539	2 818 867,291	37,273	36,812
19	23	98 817	74 469,423	2 743 238,752	36,837	36,376
20	24	98 755	73 322,341	2 668 769,329	36,398	35,937
21	25	98 693	72 193,954	2 595 446,989	35,951	35,490
22	26	98 631	71 081,984	2 523 253,035	35,498	35,037
23	27	98 567	69 986,306	2 452 171,051	35,038	34,577
24	28	98 500	68 905,308	2 382 184,745	34,572	34,111
25	29	98 428	67 837,263	2 313 279,438	34,100	33,640
26	30	98 355	66 785,298	2 245 442,174	33,622	33,161
27	31	98 280	65 747,618	2 178 656,876	33,137	32,676
28	32	98 196	64 721,131	2 112 909,257	32,646	32,186
29	33	98 112	63 709,699	2 048 188,126	32,149	31,688
30	34	98 021	62 709,900	1 984 478,427	31,645	31,185
31	35	97 926	61 723,408	1 921 768,527	31,135	30,674
32	36	97 819	60 744,922	1 860 045,119	30,621	30,160
33	37	97 705	59 777,249	1 799 300,197	30,100	29,639
34	38	97 590	58 824,938	1 739 522,948	29,571	29,110
35	39	97 455	57 875,019	1 680 698,010	29,040	28,579
36	40	97 310	56 935,168	1 622 822,991	28,503	28,042
37	41	97 158	56 005,953	1 565 887,823	27,959	27,499
38	42	96 993	55 084,524	1 509 881,870	27,410	26,949
39	43	96 811	54 168,524	1 454 797,345	26,857	26,396
40	44	96 618	53 261,783	1 400 628,822	26,297	25,836
41	45	96 398	52 355,259	1 347 367,038	25,735	25,274
42	46	96 163	51 455,935	1 295 011,779	25,167	24,707
43	47	95 898	50 555,691	1 243 555,844	24,598	24,137
44	48	95 604	49 655,708	1 193 000,153	24,025	23,565
45	49	95 279	48 755,924	1 143 344,444	23,450	22,990
46	50	94 912	47 850,359	1 094 588,521	22,875	22,414
47	51	94 518	46 947,513	1 046 738,161	22,296	21,835
48	52	94 075	46 036,822	999 790,649	21,717	21,256
49	53	93 583	45 119,113	953 753,826	21,139	20,678
50	54	93 033	44 191,330	908 634,713	20,561	20,101
51	55	92 427	43 254,527	864 443,383	19,985	19,524
52	56	91 765	42 310,104	821 188,856	19,409	18,948
53	57	91 029	41 350,178	778 878,752	18,836	18,375
54	58	90 213	40 374,123	737 528,574	18,267	17,807
55	59	89 315	39 381,272	697 154,452	17,703	17,242
56	60	88 337	38 374,485	657 773,179	17,141	16,680
57	61	87 260	37 346,707	619 398,695	16,585	16,124
58	62	86 118	36 313,020	582 051,988	16,029	15,568
59	63	84 872	35 258,839	545 738,969	15,478	15,017
60	64	83 533	34 189,821	510 480,130	14,931	14,470
61	65	82 092	33 103,318	476 290,309	14,388	13,927
62	66	80 539	31 997,299	443 186,990	13,851	13,390
63	67	78 868	30 870,104	411 189,691	13,320	12,859
64	68	77 082	29 725,455	380 319,587	12,794	12,334
65	69	75 206	28 573,167	350 594,132	12,270	11,809
66	70	73 223	27 408,636	322 020,965	11,749	11,288
67	71	71 148	26 238,569	294 612,329	11,228	10,767
68	72	68 935	25 046,748	268 373,760	10,715	10,254
69	73	66 671	23 866,145	243 327,012	10,195	9,735
70	74	64 285	22 671,704	219 460,867	9,680	9,219
71	75	61 769	21 462,634	196 789,162	9,169	8,708
72	76	59 114	20 236,335	175 326,528	8,664	8,203
73	77	56 311	18 992,166	155 090,194	8,166	7,705
74	78	53 380	17 737,443	136 098,028	7,673	7,212
75	79	50 276	16 459,113	118 360,585	7,191	6,730
76	80	46 966	15 148,301	101 901,472	6,727	6,266
77	81	43 462	13 811,007	86 753,171	6,281	5,821
78	82	39 833	12 470,730	72 942,164	5,849	5,388
79	83	36 079	11 128,363	60 471,434	5,434	4,973
80	84	32 206	9 787,225	49 343,072	5,042	4,581
81	85	28 282	8 467,463	39 555,847	4,672	4,211
82	86	24 361	7 185,941	31 088,384	4,326	3,865
83	87	20 536	5 968,003	23 902,443	4,005	3,544
84	88	16 892	4 836,662	17 934,441	3,708	3,247
85	89	13 527	3 815,948	13 097,778	3,432	2,972
86	90	10 492	2 916,073	9 281,830	3,183	2,722
87	91	7 867	2 154,152	6 365,758	2,955	2,494
88	92	5 680	1 532,164	4 211,606	2,749	2,288
89	93	3 934	1 045,462	2 679,442	2,563	2,102
90	94	2 605	682,219	1 633,980	2,395	1,934
91	95	1 635	421,765	951,761	2,257	1,796
92	96	979	248,890	529,996	2,129	1,669
93	97	555	138,964	281,105	2,023	1,562
94	98	303	74,844	142,141	1,899	1,438
95	99	153	37,246	67,297	1,807	1,346
96	100	73	17,542	30,051	1,713	1,252

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	4 379 171,263	43,951	43,490
1	6	99 277	97 809,809	4 279 533,487	43,754	43,293
2	7	99 243	96 331,752	4 181 723,678	43,410	42,949
3	8	99 223	94 888,650	4 085 391,926	43,055	42,594
4	9	99 204	93 468,531	3 990 503,276	42,694	42,233
5	10	99 186	92 070,584	3 897 034,745	42,327	41,866
6	11	99 171	90 696,013	3 804 964,161	41,953	41,492
7	12	99 153	89 339,756	3 714 268,148	41,575	41,114
8	13	99 137	88 005,090	3 624 928,392	41,190	40,729
9	14	99 121	86 690,027	3 536 923,301	40,800	40,339
10	15	99 102	85 393,064	3 450 233,274	40,404	39,943
11	16	99 082	84 114,103	3 364 840,210	40,003	39,542
12	17	99 059	82 851,945	3 280 726,107	39,597	39,137
13	18	99 037	81 609,185	3 197 874,162	39,185	38,724
14	19	99 007	80 379,077	3 116 264,977	38,770	38,309
15	20	98 976	79 166,360	3 035 885,900	38,348	37,887
16	21	98 943	77 970,251	2 956 719,540	37,921	37,460
17	22	98 901	76 785,481	2 878 749,289	37,491	37,030
18	23	98 855	75 615,451	2 801 963,808	37,055	36,595
19	24	98 796	74 453,264	2 726 348,357	36,618	36,157
20	25	98 738	73 309,907	2 651 895,092	36,174	35,713
21	26	98 675	72 180,493	2 578 585,185	35,724	35,263
22	27	98 612	71 068,153	2 506 404,692	35,268	34,807
23	28	98 546	69 971,019	2 435 336,539	34,805	34,344
24	29	98 476	68 888,123	2 365 365,520	34,336	33,876
25	30	98 403	67 819,708	2 296 477,397	33,862	33,401
26	31	98 326	66 765,468	2 228 657,689	33,380	32,920
27	32	98 248	65 726,632	2 161 892,221	32,892	32,431
28	33	98 162	64 698,670	2 096 165,589	32,399	31,938
29	34	98 077	63 687,015	2 031 466,919	31,898	31,437
30	35	97 982	62 685,373	1 967 779,904	31,391	30,931
31	36	97 886	61 698,565	1 905 094,531	30,877	30,417
32	37	97 773	60 716,442	1 843 395,965	30,361	29,900
33	38	97 660	59 749,738	1 782 679,524	29,836	29,375
34	39	97 533	58 790,487	1 722 929,785	29,306	28,845
35	40	97 397	57 840,543	1 664 139,298	28,771	28,310
36	41	97 244	56 896,526	1 606 298,756	28,232	27,771
37	42	97 084	55 963,229	1 549 402,230	27,686	27,225
38	43	96 912	55 038,815	1 493 439,001	27,134	26,673
39	44	96 723	54 119,776	1 438 400,187	26,578	26,117
40	45	96 519	53 207,454	1 384 280,411	26,017	25,556
41	46	96 291	52 297,043	1 331 072,957	25,452	24,991
42	47	96 041	51 390,600	1 278 775,914	24,883	24,423
43	48	95 761	50 483,217	1 227 385,314	24,313	23,852
44	49	95 451	49 576,280	1 176 902,097	23,739	23,278
45	50	95 107	48 667,605	1 127 325,817	23,164	22,703
46	51	94 725	47 756,062	1 078 658,212	22,587	22,126
47	52	94 310	46 843,816	1 030 902,149	22,007	21,546
48	53	93 844	45 923,788	984 058,333	21,428	20,967
49	54	93 327	44 995,796	938 134,545	20,849	20,389
50	55	92 753	44 058,330	893 138,749	20,272	19,811
51	56	92 121	43 111,207	849 080,419	19,695	19,234
52	57	91 433	42 156,989	805 969,211	19,118	18,657
53	58	90 665	41 185,096	763 812,222	18,546	18,085
54	59	89 815	40 196,051	722 627,126	17,978	17,517
55	60	88 883	39 191,060	682 431,076	17,413	16,952
56	61	87 860	38 167,607	643 240,015	16,853	16,392
57	62	86 772	37 137,748	605 072,408	16,293	15,832
58	63	85 594	36 092,359	567 934,660	15,736	15,275
59	64	84 313	35 026,680	531 842,302	15,184	14,723
60	65	82 925	33 940,668	496 815,622	14,638	14,177
61	66	81 434	32 838,089	462 874,954	14,096	13,635
62	67	79 836	31 717,789	430 036,864	13,558	13,097
63	68	78 103	30 570,837	398 319,076	13,029	12,569
64	69	76 295	29 421,816	367 748,238	12,499	12,038
65	70	74 366	28 253,942	338 326,423	11,974	11,514
66	71	72 331	27 074,702	310 072,480	11,452	10,992
67	72	70 196	25 887,225	282 997,778	10,932	10,471
68	73	67 942	24 685,841	257 110,553	10,415	9,955
69	74	65 639	23 496,632	232 424,712	9,892	9,431
70	75	63 185	22 283,827	208 928,080	9,376	8,915
71	76	60 591	21 053,395	186 644,253	8,865	8,404
72	77	57 823	19 794,655	165 590,858	8,365	7,905
73	78	54 934	18 527,772	145 796,204	7,869	7,408
74	79	51 880	17 239,016	127 268,432	7,383	6,922
75	80	48 621	15 917,225	110 029,415	6,913	6,452
76	81	45 162	14 566,485	94 112,190	6,461	6,000
77	82	41 547	13 202,458	79 545,705	6,025	5,564
78	83	37 828	11 842,934	66 343,247	5,602	5,141
79	84	33 983	10 482,006	54 500,313	5,199	4,739
80	85	30 042	9 129,318	44 018,307	4,822	4,361
81	86	26 098	7 813,595	34 888,989	4,465	4,004
82	87	22 195	6 547,055	27 075,394	4,136	3,675
83	88	18 458	5 364,100	20 528,339	3,827	3,366
84	89	14 953	4 281,292	15 164,239	3,542	3,081
85	90	11 756	3 316,371	10 882,946	3,282	2,821
86	91	8 940	2 484,678	7 566,575	3,045	2,584
87	92	6 551	1 793,687	5 081,897	2,833	2,372
88	93	4 614	1 244,793	3 288,210	2,642	2,181
89	94	3 111	826,753	2 043,417	2,472	2,011
90	95	1 993	521,780	1 216,664	2,332	1,871
91	96	1 228	316,732	694,884	2,194	1,733
92	97	715	181,818	378,152	2,080	1,619
93	98	401	100,463	196,334	1,954	1,493
94	99	211	52,037	95,871	1,842	1,382
95	100	103	24,935	43,834	1,758	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	4 361 050,566	43,772	43,312
1	7	99 270	97 803,370	4 261 420,262	43,571	43,111
2	8	99 238	96 327,003	4 163 616,892	43,224	42,763
3	9	99 217	94 882,775	4 067 289,889	42,866	42,406
4	10	99 198	93 462,483	3 972 407,114	42,503	42,042
5	11	99 180	92 065,129	3 878 944,630	42,133	41,672
6	12	99 164	90 689,257	3 786 879,502	41,757	41,296
7	13	99 145	89 332,688	3 696 190,244	41,376	40,915
8	14	99 129	87 997,546	3 606 857,556	40,988	40,527
9	15	99 110	86 680,930	3 518 860,010	40,596	40,135
10	16	99 090	85 382,381	3 432 179,079	40,198	39,737
11	17	99 068	84 102,235	3 346 796,698	39,794	39,334
12	18	99 045	82 839,814	3 262 694,463	39,386	38,925
13	19	99 017	81 592,566	3 179 854,649	38,972	38,512
14	20	98 988	80 363,562	3 098 262,084	38,553	38,092
15	21	98 958	79 151,701	3 017 898,522	38,128	37,667
16	22	98 927	77 957,342	2 938 746,821	37,697	37,236
17	23	98 884	76 772,194	2 860 789,478	37,263	36,803
18	24	98 834	75 599,044	2 784 017,285	36,826	36,365
19	25	98 779	74 440,639	2 708 418,241	36,384	35,923
20	26	98 719	73 296,238	2 633 977,602	35,936	35,475
21	27	98 656	72 166,449	2 560 681,364	35,483	35,022
22	28	98 590	71 052,630	2 488 514,915	35,024	34,563
23	29	98 521	69 953,568	2 417 462,286	34,558	34,097
24	30	98 450	68 870,296	2 347 508,717	34,086	33,625
25	31	98 373	67 799,570	2 278 638,421	33,608	33,148
26	32	98 295	66 744,156	2 210 838,851	33,124	32,663
27	33	98 214	65 703,822	2 144 094,694	32,633	32,172
28	34	98 127	64 675,634	2 078 390,872	32,136	31,675
29	35	98 038	63 662,106	2 013 715,238	31,631	31,171
30	36	97 943	62 660,143	1 950 053,132	31,121	30,660
31	37	97 841	61 669,638	1 887 392,988	30,605	30,144
32	38	97 728	60 688,499	1 825 723,350	30,084	29,623
33	39	97 603	59 714,745	1 765 034,852	29,558	29,097
34	40	97 475	58 755,465	1 705 320,106	29,024	28,563
35	41	97 331	57 801,287	1 646 564,641	28,487	28,026
36	42	97 170	56 853,122	1 588 763,355	27,945	27,484
37	43	97 003	55 916,790	1 531 910,233	27,396	26,935
38	44	96 825	54 989,283	1 475 993,443	26,841	26,381
39	45	96 625	54 064,571	1 421 004,160	26,283	25,823
40	46	96 412	53 148,290	1 366 939,588	25,719	25,259
41	47	96 169	52 230,639	1 313 791,298	25,154	24,693
42	48	95 903	51 316,929	1 261 560,659	24,584	24,123
43	49	95 607	50 402,466	1 210 243,730	24,012	23,551
44	50	95 278	49 486,475	1 159 841,264	23,438	22,977
45	51	94 919	48 571,697	1 110 354,789	22,860	22,399
46	52	94 516	47 650,580	1 061 783,092	22,283	21,822
47	53	94 078	46 728,800	1 014 132,512	21,703	21,242
48	54	93 588	45 798,272	967 403,711	21,123	20,662
49	55	93 046	44 860,375	921 605,439	20,544	20,083
50	56	92 446	43 912,348	876 745,064	19,966	19,505
51	57	91 788	42 955,193	832 832,716	19,388	18,928
52	58	91 068	41 988,686	789 877,523	18,812	18,351
53	59	90 265	41 003,447	747 888,837	18,240	17,779
54	60	89 381	40 001,903	706 885,390	17,671	17,210
55	61	88 404	38 979,781	666 883,487	17,108	16,648
56	62	87 369	37 954,055	627 903,706	16,544	16,083
57	63	86 245	36 912,075	589 949,651	15,983	15,522
58	64	85 031	35 854,712	553 037,575	15,424	14,964
59	65	83 699	34 771,428	517 182,864	14,874	14,413
60	66	82 260	33 668,730	482 411,435	14,328	13,867
61	67	80 723	32 551,235	448 742,706	13,786	13,325
62	68	79 062	31 410,304	416 191,471	13,250	12,789
63	69	77 305	30 258,562	384 781,167	12,716	12,256
64	70	75 443	29 093,110	354 522,605	12,186	11,725
65	71	73 460	27 909,710	325 429,495	11,660	11,199
66	72	71 362	26 712,162	297 519,785	11,138	10,677
67	73	69 184	25 514,207	270 807,623	10,614	10,153
68	74	66 890	24 303,636	245 293,416	10,093	9,632
69	75	64 516	23 094,642	220 989,779	9,569	9,108
70	76	61 980	21 858,930	197 895,138	9,053	8,592
71	77	59 269	20 593,881	176 036,208	8,548	8,087
72	78	56 409	19 310,638	155 442,326	8,050	7,589
73	79	53 391	18 007,137	136 131,688	7,560	7,099
74	80	50 172	16 671,451	118 124,551	7,085	6,625
75	81	46 753	15 305,877	101 453,100	6,628	6,168
76	82	43 172	13 924,648	86 147,223	6,187	5,726
77	83	39 455	12 537,826	72 222,575	5,760	5,300
78	84	35 631	11 155,074	59 684,749	5,350	4,890
79	85	31 699	9 777,396	48 529,675	4,963	4,503
80	86	27 722	8 424,340	38 752,279	4,600	4,139
81	87	23 777	7 118,906	30 327,939	4,260	3,799
82	88	19 949	5 884,559	23 209,033	3,944	3,483
83	89	16 338	4 748,167	17 324,474	3,649	3,188
84	90	12 995	3 720,794	12 576,308	3,380	2,919
85	91	10 017	2 825,757	8 855,514	3,134	2,673
86	92	7 444	2 068,904	6 029,757	2,914	2,454
87	93	5 322	1 457,266	3 960,852	2,718	2,257
88	94	3 649	984,385	2 503,586	2,543	2,083
89	95	2 379	632,324	1 519,202	2,403	1,942
90	96	1 496	391,839	886,878	2,263	1,803
91	97	897	231,377	495,039	2,140	1,679
92	98	517	131,444	263,662	2,006	1,545
93	99	279	69,849	132,218	1,893	1,432
94	100	141	34,837	62,369	1,790	1,329

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	4 341 867,592	43,583	43,122
1	8	99 266	97 798,549	4 242 243,846	43,377	42,917
2	9	99 232	96 321,040	4 144 445,297	43,027	42,567
3	10	99 210	94 876,636	4 048 124,257	42,667	42,206
4	11	99 192	93 456,945	3 953 247,622	42,300	41,839
5	12	99 173	92 058,272	3 859 790,677	41,928	41,467
6	13	99 156	90 682,083	3 767 732,405	41,549	41,088
7	14	99 137	89 325,031	3 677 050,323	41,165	40,704
8	15	99 118	87 988,312	3 587 725,292	40,775	40,314
9	16	99 098	86 670,087	3 499 736,980	40,380	39,919
10	17	99 076	85 370,334	3 413 066,893	39,980	39,519
11	18	99 054	84 089,920	3 327 696,560	39,573	39,112
12	19	99 025	82 822,944	3 243 606,639	39,163	38,702
13	20	98 998	81 576,817	3 160 783,695	38,746	38,285
14	21	98 970	80 348,681	3 079 206,879	38,323	37,862
15	22	98 942	79 138,597	2 998 858,198	37,894	37,433
16	23	98 910	77 943,852	2 919 719,601	37,459	36,998
17	24	98 863	76 755,535	2 841 775,749	37,024	36,563
18	25	98 817	75 586,225	2 765 020,213	36,581	36,120
19	26	98 761	74 426,759	2 689 433,989	36,135	35,675
20	27	98 700	73 281,976	2 615 007,230	35,684	35,223
21	28	98 634	72 150,685	2 541 725,254	35,228	34,767
22	29	98 565	71 034,910	2 469 574,568	34,766	34,305
23	30	98 496	69 935,466	2 398 539,658	34,296	33,836
24	31	98 421	68 849,846	2 328 604,193	33,821	33,361
25	32	98 342	67 777,929	2 259 754,346	33,341	32,880
26	33	98 261	66 720,993	2 191 976,417	32,853	32,392
27	34	98 179	65 680,428	2 125 255,424	32,358	31,897
28	35	98 089	64 650,339	2 059 574,996	31,857	31,396
29	36	97 999	63 636,484	1 994 924,657	31,349	30,888
30	37	97 897	62 630,765	1 931 288,174	30,836	30,375
31	38	97 795	61 641,256	1 868 657,409	30,315	29,854
32	39	97 671	60 652,956	1 807 016,152	29,793	29,332
33	40	97 544	59 679,173	1 746 363,197	29,263	28,802
34	41	97 409	58 715,588	1 686 684,023	28,726	28,266
35	42	97 256	57 757,192	1 627 968,436	28,186	27,726
36	43	97 089	56 805,944	1 570 211,243	27,642	27,181
37	44	96 916	55 866,468	1 513 405,299	27,090	26,629
38	45	96 726	54 933,192	1 457 538,831	26,533	26,072
39	46	96 517	54 004,454	1 402 605,638	25,972	25,511
40	47	96 290	53 080,806	1 348 601,184	25,407	24,946
41	48	96 031	52 155,765	1 295 520,379	24,839	24,379
42	49	95 750	51 234,844	1 243 364,614	24,268	23,807
43	50	95 434	50 311,164	1 192 129,770	23,695	23,234
44	51	95 090	49 388,954	1 141 818,606	23,119	22,658
45	52	94 710	48 464,413	1 092 429,652	22,541	22,080
46	53	94 284	47 533,583	1 043 965,239	21,963	21,502
47	54	93 821	46 601,084	996 431,656	21,382	20,921
48	55	93 306	45 660,436	949 830,572	20,802	20,341
49	56	92 738	44 711,735	904 170,136	20,222	19,761
50	57	92 112	43 753,434	859 458,400	19,643	19,182
51	58	91 421	42 783,704	815 704,966	19,066	18,605
52	59	90 666	41 803,493	772 921,262	18,489	18,029
53	60	89 829	40 805,400	731 117,769	17,917	17,456
54	61	88 899	39 786,252	690 312,369	17,351	16,890
55	62	87 909	38 761,685	650 526,117	16,783	16,322
56	63	86 838	37 723,422	611 764,432	16,217	15,756
57	64	85 677	36 669,031	574 041,010	15,655	15,194
58	65	84 411	35 593,426	537 371,979	15,098	14,637
59	66	83 028	34 492,834	501 778,554	14,547	14,087
60	67	81 542	33 374,619	467 285,719	14,001	13,540
61	68	79 940	32 235,670	433 911,100	13,461	13,000
62	69	78 254	31 089,454	401 675,430	12,920	12,459
63	70	76 442	29 920,508	370 585,976	12,386	11,925
64	71	74 523	28 738,653	340 665,468	11,854	11,393
65	72	72 476	27 535,988	311 926,815	11,328	10,867
66	73	70 334	26 327,258	284 390,826	10,802	10,341
67	74	68 113	25 119,177	258 063,568	10,274	9,813
68	75	65 746	23 887,840	232 944,391	9,752	9,291
69	76	63 286	22 654,284	209 056,552	9,228	8,767
70	77	60 627	21 381,835	186 402,268	8,718	8,257
71	78	57 820	20 090,322	165 020,433	8,214	7,753
72	79	54 824	18 768,005	144 930,110	7,722	7,261
73	80	51 633	17 414,283	126 162,106	7,245	6,784
74	81	48 245	16 031,135	108 747,823	6,784	6,323
75	82	44 693	14 631,460	92 716,688	6,337	5,876
76	83	40 999	13 223,660	78 085,228	5,905	5,444
77	84	37 164	11 809,605	64 861,568	5,492	5,031
78	85	33 236	10 405,219	53 051,963	5,099	4,638
79	86	29 251	9 022,372	42 646,744	4,727	4,266
80	87	25 257	7 675,352	33 624,371	4,381	3,920
81	88	21 371	6 398,544	25 949,020	4,055	3,595
82	89	17 659	5 208,864	19 550,476	3,753	3,293
83	90	14 199	4 126,546	14 341,612	3,475	3,015
84	91	11 073	3 170,351	10 215,066	3,222	2,761
85	92	8 341	2 352,909	7 044,715	2,994	2,533
86	93	6 048	1 680,864	4 691,806	2,791	2,331
87	94	4 209	1 152,408	3 010,942	2,613	2,152
88	95	2 791	752,884	1 858,534	2,469	2,008
89	96	1 787	474,854	1 105,650	2,328	1,868
90	97	1 093	286,244	630,796	2,204	1,743
91	98	648	167,273	344,552	2,060	1,599
92	99	360	91,389	177,279	1,940	1,479
93	100	187	46,762	85,890	1,837	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	4 321 615,087	43,382	42,921
1	9	99 259	97 792,494	4 221 996,252	43,173	42,712
2	10	99 226	96 314,807	4 124 203,758	42,820	42,359
3	11	99 205	94 871,014	4 027 888,951	42,456	41,996
4	12	99 184	93 449,984	3 933 017,937	42,087	41,626
5	13	99 165	92 050,988	3 839 567,953	41,711	41,251
6	14	99 147	90 674,309	3 747 516,965	41,329	40,869
7	15	99 127	89 315,657	3 656 842,655	40,943	40,482
8	16	99 106	87 977,305	3 567 526,998	40,551	40,090
9	17	99 084	86 657,857	3 479 549,694	40,153	39,692
10	18	99 061	85 357,834	3 392 891,836	39,749	39,288
11	19	99 033	84 072,796	3 307 534,003	39,341	38,881
12	20	99 006	82 806,957	3 223 461,206	38,927	38,467
13	21	98 979	81 561,711	3 140 654,249	38,506	38,046
14	22	98 954	80 335,379	3 059 092,538	38,079	37,618
15	23	98 924	79 124,902	2 978 757,159	37,646	37,185
16	24	98 888	77 926,939	2 899 632,257	37,210	36,749
17	25	98 846	76 742,520	2 821 705,318	36,768	36,308
18	26	98 799	75 572,131	2 744 962,798	36,322	35,862
19	27	98 741	74 412,278	2 669 390,667	35,873	35,412
20	28	98 679	73 265,970	2 594 978,390	35,419	34,958
21	29	98 610	72 132,691	2 521 712,420	34,959	34,499
22	30	98 540	71 016,527	2 449 579,729	34,493	34,032
23	31	98 466	69 914,700	2 378 563,201	34,021	33,560
24	32	98 390	68 827,870	2 308 648,502	33,542	33,082
25	33	98 308	67 754,407	2 239 820,632	33,058	32,597
26	34	98 226	66 697,237	2 172 066,225	32,566	32,105
27	35	98 141	65 654,740	2 105 368,988	32,067	31,606
28	36	98 049	64 624,318	2 039 714,248	31,563	31,102
29	37	97 953	63 606,648	1 975 089,930	31,052	30,591
30	38	97 852	62 601,941	1 911 483,283	30,534	30,073
31	39	97 738	61 605,155	1 848 881,341	30,012	29,551
32	40	97 613	60 616,825	1 787 276,186	29,485	29,024
33	41	97 478	59 638,669	1 726 659,361	28,952	28,491
34	42	97 335	58 670,796	1 667 020,692	28,413	27,952
35	43	97 176	57 709,265	1 608 349,896	27,870	27,409
36	44	97 002	56 754,823	1 550 640,632	27,322	26,861
37	45	96 817	55 809,482	1 493 885,809	26,768	26,307
38	46	96 619	54 872,109	1 438 076,326	26,208	25,747
39	47	96 395	53 935,883	1 383 204,218	25,645	25,185
40	48	96 152	53 004,712	1 329 268,335	25,078	24,618
41	49	95 877	52 072,337	1 276 263,622	24,509	24,049
42	50	95 577	51 142,035	1 224 191,285	23,937	23,476
43	51	95 246	50 212,018	1 173 049,250	23,362	22,901
44	52	94 880	49 279,865	1 122 837,232	22,785	22,324
45	53	94 477	48 345,418	1 073 557,368	22,206	21,745
46	54	94 026	47 403,667	1 025 211,950	21,627	21,166
47	55	93 539	46 460,832	977 808,282	21,046	20,585
48	56	92 997	45 509,145	931 347,451	20,465	20,004
49	57	92 402	44 549,929	885 838,305	19,884	19,423
50	58	91 744	43 578,758	841 288,377	19,305	18,844
51	59	91 018	42 595,004	797 709,619	18,728	18,267
52	60	90 229	41 601,582	755 114,615	18,151	17,690
53	61	89 345	40 585,417	713 513,033	17,581	17,120
54	62	88 402	39 563,644	672 927,616	17,009	16,548
55	63	87 375	38 526,144	633 363,972	16,440	15,979
56	64	86 266	37 475,036	594 837,827	15,873	15,412
57	65	85 053	36 401,811	557 362,792	15,311	14,851
58	66	83 735	35 308,245	520 960,981	14,755	14,294
59	67	82 303	34 191,525	485 652,736	14,204	13,743
60	68	80 751	33 051,072	451 461,211	13,660	13,199
61	69	79 124	31 906,389	418 410,139	13,114	12,653
62	70	77 380	30 742,117	386 503,749	12,572	12,112
63	71	75 510	29 555,971	355 761,633	12,037	11,576
64	72	73 526	28 353,832	326 205,662	11,505	11,044
65	73	71 432	27 139,213	297 851,830	10,975	10,514
66	74	69 245	25 919,639	270 712,616	10,444	9,984
67	75	66 948	24 689,428	244 792,977	9,915	9,454
68	76	64 492	23 432,358	220 103,549	9,393	8,932
69	77	61 905	22 159,830	196 671,191	8,875	8,414
70	78	59 145	20 859,009	174 511,362	8,366	7,905
71	79	56 195	19 525,779	153 652,353	7,869	7,408
72	80	53 019	18 150,100	134 126,573	7,390	6,929
73	81	49 650	16 745,436	115 976,473	6,926	6,465
74	82	46 119	15 324,762	99 231,038	6,475	6,014
75	83	42 443	13 894,890	83 906,276	6,039	5,578
76	84	38 617	12 455,605	70 011,386	5,621	5,160
77	85	34 666	11 015,752	57 555,782	5,225	4,764
78	86	30 669	9 601,714	46 540,029	4,847	4,386
79	87	26 650	8 220,214	36 938,315	4,494	4,033
80	88	22 701	6 898,683	28 718,100	4,163	3,702
81	89	18 917	5 663,830	21 819,418	3,852	3,392
82	90	15 347	4 526,929	16 155,587	3,569	3,108
83	91	12 099	3 516,077	11 628,658	3,307	2,846
84	92	9 220	2 639,840	8 112,581	3,073	2,612
85	93	6 777	1 911,601	5 472,741	2,863	2,402
86	94	4 783	1 329,230	3 561,140	2,679	2,218
87	95	3 219	881,393	2 231,910	2,532	2,071
88	96	2 096	565,391	1 350,516	2,389	1,928
89	97	1 305	346,888	785,125	2,263	1,803
90	98	790	206,939	438,237	2,118	1,657
91	99	451	116,300	231,299	1,989	1,528
92	100	241	61,183	114,999	1,880	1,419

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	4 300 289,293	43,170	42,709
1	10	99 253	97 786,166	4 200 676,626	42,958	42,497
2	11	99 220	96 309,100	4 102 890,459	42,601	42,140
3	12	99 197	94 863,947	4 006 581,359	42,235	41,774
4	13	99 177	93 442,591	3 911 717,412	41,862	41,401
5	14	99 157	92 043,098	3 818 274,821	41,484	41,023
6	15	99 137	90 664,794	3 726 231,723	41,099	40,638
7	16	99 114	89 304,484	3 635 566,929	40,710	40,249
8	17	99 092	87 964,891	3 546 262,445	40,315	39,854
9	18	99 069	86 645,169	3 458 297,554	39,913	39,453
10	19	99 041	85 340,451	3 371 652,386	39,508	39,047
11	20	99 014	84 056,568	3 286 311,934	39,096	38,636
12	21	98 987	82 791,624	3 202 255,366	38,678	38,218
13	22	98 963	81 548,208	3 119 463,742	38,253	37,792
14	23	98 936	80 321,477	3 037 915,534	37,822	37,361
15	24	98 903	79 107,733	2 957 594,057	37,387	36,926
16	25	98 871	77 913,725	2 878 486,324	36,945	36,484
17	26	98 827	76 728,210	2 800 572,598	36,500	36,039
18	27	98 779	75 557,427	2 723 844,388	36,050	35,589
19	28	98 720	74 396,024	2 648 286,961	35,597	35,136
20	29	98 654	73 247,697	2 573 890,938	35,140	34,679
21	30	98 584	72 114,025	2 500 643,240	34,676	34,215
22	31	98 511	70 995,440	2 428 529,216	34,207	33,746
23	32	98 435	69 892,383	2 357 533,775	33,731	33,270
24	33	98 355	68 803,983	2 287 641,392	33,249	32,788
25	34	98 273	67 730,283	2 218 837,409	32,760	32,299
26	35	98 187	66 671,151	2 151 107,126	32,264	31,804
27	36	98 101	65 628,315	2 084 435,975	31,761	31,300
28	37	98 003	64 594,019	2 018 807,660	31,254	30,793
29	38	97 908	63 577,374	1 954 213,641	30,738	30,277
30	39	97 795	62 565,278	1 890 636,267	30,219	29,758
31	40	97 680	61 568,457	1 828 070,989	29,692	29,231
32	41	97 546	60 575,684	1 766 502,532	29,162	28,701
33	42	97 404	59 593,173	1 705 926,848	28,626	28,165
34	43	97 254	58 622,110	1 646 333,675	28,084	27,623
35	44	97 088	57 657,330	1 587 711,564	27,537	27,076
36	45	96 903	56 696,931	1 530 054,234	26,987	26,526
37	46	96 709	55 747,425	1 473 357,304	26,429	25,968
38	47	96 496	54 802,436	1 417 609,879	25,868	25,407
39	48	96 257	53 858,564	1 362 807,443	25,303	24,843
40	49	95 998	52 919,927	1 308 948,879	24,735	24,274
41	50	95 703	51 978,011	1 256 028,952	24,165	23,704
42	51	95 388	51 041,251	1 204 050,941	23,590	23,129
43	52	95 036	50 101,110	1 153 009,690	23,014	22,553
44	53	94 647	49 158,868	1 102 908,580	22,436	21,975
45	54	94 219	48 213,283	1 053 749,712	21,856	21,395
46	55	93 743	47 260,999	1 005 536,429	21,276	20,815
47	56	93 229	46 306,889	958 275,429	20,694	20,233
48	57	92 660	45 344,453	911 968,540	20,112	19,651
49	58	92 033	44 372,073	866 624,088	19,531	19,070
50	59	91 339	43 386,551	822 252,014	18,952	18,491
51	60	90 578	42 389,270	778 865,463	18,374	17,913
52	61	89 742	41 377,307	736 476,193	17,799	17,338
53	62	88 845	40 358,338	695 098,886	17,223	16,762
54	63	87 865	39 323,230	654 740,549	16,650	16,189
55	64	86 800	38 272,472	615 417,318	16,080	15,619
56	65	85 637	37 201,942	577 144,846	15,514	15,053
57	66	84 371	36 110,153	539 942,905	14,953	14,492
58	67	83 003	34 999,813	503 832,751	14,395	13,935
59	68	81 505	33 860,058	468 832,938	13,846	13,385
60	69	79 926	32 713,462	434 972,880	13,296	12,836
61	70	78 240	31 549,925	402 259,417	12,750	12,289
62	71	76 437	30 367,569	370 709,492	12,207	11,747
63	72	74 499	29 160,206	340 341,923	11,671	11,211
64	73	72 466	27 945,273	311 181,717	11,135	10,675
65	74	70 326	26 719,023	283 236,444	10,601	10,140
66	75	68 060	25 476,196	256 517,421	10,069	9,608
67	76	65 671	24 218,662	231 041,225	9,540	9,079
68	77	63 085	22 920,921	206 822,564	9,023	8,563
69	78	60 391	21 617,980	183 901,643	8,507	8,046
70	79	57 483	20 272,866	162 283,663	8,005	7,544
71	80	54 345	18 882,926	142 010,797	7,521	7,060
72	81	50 983	17 452,991	123 127,870	7,055	6,594
73	82	47 462	16 007,589	105 674,879	6,602	6,141
74	83	43 797	14 553,289	89 667,290	6,161	5,701
75	84	39 978	13 087,848	75 114,001	5,739	5,278
76	85	36 022	11 618,327	62 026,153	5,339	4,878
77	86	31 989	10 165,101	50 407,826	4,959	4,498
78	87	27 942	8 748,048	40 242,724	4,600	4,139
79	88	23 953	7 388,410	31 494,676	4,263	3,802
80	89	20 095	6 106,541	24 106,265	3,948	3,487
81	90	16 441	4 922,333	17 999,725	3,657	3,196
82	91	13 076	3 857,229	13 077,392	3,390	2,930
83	92	10 074	2 927,715	9 220,163	3,149	2,688
84	93	7 491	2 144,716	6 292,449	2,934	2,473
85	94	5 359	1 511,698	4 147,733	2,744	2,283
86	95	3 658	1 016,631	2 636,035	2,593	2,132
87	96	2 417	661,897	1 619,404	2,447	1,986
88	97	1 531	413,026	957,506	2,318	1,857
89	98	944	250,780	544,480	2,171	1,710
90	99	549	143,878	293,700	2,041	1,581
91	100	302	77,859	149,822	1,924	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	4 277 893,126	42,948	42,487
1	11	99 247	97 780,372	4 178 286,905	42,731	42,271
2	12	99 213	96 301,927	4 080 506,532	42,372	41,911
3	13	99 189	94 856,442	3 984 204,606	42,002	41,542
4	14	99 168	93 434,581	3 889 348,164	41,626	41,166
5	15	99 146	92 033,439	3 795 913,583	41,245	40,784
6	16	99 124	90 653,452	3 703 880,144	40,858	40,397
7	17	99 100	89 291,883	3 613 226,692	40,465	40,005
8	18	99 077	87 952,011	3 523 934,809	40,067	39,606
9	19	99 049	86 627,524	3 435 982,798	39,664	39,203
10	20	99 022	85 323,979	3 349 355,274	39,255	38,794
11	21	98 996	84 041,003	3 264 031,295	38,839	38,378
12	22	98 971	82 777,917	3 179 990,291	38,416	37,955
13	23	98 946	81 534,096	3 097 212,374	37,987	37,526
14	24	98 915	80 304,048	3 015 678,278	37,553	37,092
15	25	98 886	79 094,319	2 935 374,229	37,112	36,652
16	26	98 853	77 899,197	2 856 279,910	36,666	36,206
17	27	98 808	76 713,281	2 778 380,713	36,218	35,757
18	28	98 758	75 540,923	2 701 667,432	35,764	35,303
19	29	98 695	74 377,470	2 626 126,509	35,308	34,847
20	30	98 628	73 228,742	2 551 749,039	34,846	34,385
21	31	98 555	72 092,612	2 478 520,297	34,380	33,919
22	32	98 479	70 972,779	2 406 427,685	33,906	33,446
23	33	98 401	69 868,127	2 335 454,907	33,427	32,966
24	34	98 320	68 779,486	2 265 586,779	32,940	32,479
25	35	98 235	67 703,793	2 196 807,294	32,447	31,987
26	36	98 148	66 644,317	2 129 103,501	31,947	31,486
27	37	98 055	65 597,545	2 062 459,184	31,441	30,980
28	38	97 958	64 564,291	1 996 861,639	30,928	30,467
29	39	97 851	63 540,140	1 932 297,347	30,411	29,950
30	40	97 736	62 528,007	1 868 757,208	29,887	29,426
31	41	97 614	61 526,671	1 806 229,200	29,357	28,896
32	42	97 472	60 529,473	1 744 702,530	28,824	28,363
33	43	97 323	59 543,722	1 684 173,056	28,285	27,824
34	44	97 166	58 569,355	1 624 629,334	27,739	27,278
35	45	96 989	57 598,517	1 566 059,980	27,189	26,728
36	46	96 795	56 633,886	1 508 461,462	26,635	26,175
37	47	96 587	55 676,640	1 451 827,576	26,076	25,615
38	48	96 358	54 723,874	1 396 150,936	25,513	25,052
39	49	96 103	53 772,413	1 341 427,061	24,946	24,486
40	50	95 824	52 824,066	1 287 654,649	24,376	23,915
41	51	95 515	51 875,580	1 234 830,583	23,804	23,343
42	52	95 178	50 928,512	1 182 955,004	23,228	22,767
43	53	94 802	49 978,097	1 132 026,492	22,650	22,190
44	54	94 389	49 024,510	1 082 048,394	22,072	21,611
45	55	93 935	48 068,179	1 033 023,885	21,491	21,030
46	56	93 433	47 104,405	984 955,706	20,910	20,449
47	57	92 891	46 139,310	937 851,300	20,327	19,866
48	58	92 290	45 163,425	891 711,991	19,744	19,283
49	59	91 628	44 176,368	846 548,566	19,163	18,702
50	60	90 898	43 176,994	802 372,198	18,583	18,123
51	61	90 090	42 160,748	759 195,204	18,007	17,546
52	62	89 240	41 145,796	717 034,456	17,427	16,966
53	63	88 305	40 113,095	675 888,659	16,850	16,389
54	64	87 286	39 064,310	635 775,564	16,275	15,814
55	65	86 167	37 993,567	596 711,255	15,706	15,245
56	66	84 951	36 903,874	558 717,688	15,140	14,679
57	67	83 634	35 794,716	521 813,814	14,578	14,117
58	68	82 199	34 660,511	486 019,098	14,022	13,561
59	69	80 672	33 514,185	451 358,587	13,468	13,007
60	70	79 033	32 347,981	417 844,402	12,917	12,456
61	71	77 286	31 165,536	385 496,421	12,369	11,909
62	72	75 414	29 960,937	354 330,885	11,826	11,366
63	73	73 426	28 740,027	324 369,948	11,286	10,826
64	74	71 344	27 512,603	295 629,921	10,745	10,284
65	75	69 122	26 261,903	268 117,319	10,209	9,749
66	76	66 762	24 990,428	241 855,415	9,678	9,217
67	77	64 238	23 690,063	216 864,988	9,154	8,693
68	78	61 542	22 360,461	193 174,925	8,639	8,178
69	79	58 694	21 010,510	170 814,463	8,130	7,669
70	80	55 590	19 605,416	149 803,954	7,641	7,180
71	81	52 258	18 157,672	130 198,537	7,170	6,710
72	82	48 737	16 683,968	112 040,866	6,715	6,255
73	83	45 073	15 201,742	95 356,898	6,273	5,812
74	84	41 254	13 708,006	80 155,156	5,847	5,387
75	85	37 291	12 208,071	66 447,150	5,443	4,982
76	86	33 240	10 721,145	54 239,079	5,059	4,598
77	87	29 145	9 261,346	43 517,934	4,699	4,238
78	88	25 115	7 862,833	34 256,588	4,357	3,896
79	89	21 203	6 540,036	26 393,755	4,036	3,575
80	90	17 464	5 307,084	19 853,720	3,741	3,280
81	91	14 009	4 194,138	14 546,636	3,468	3,008
82	92	10 888	3 211,780	10 352,498	3,223	2,762
83	93	8 185	2 378,597	7 140,718	3,002	2,541
84	94	5 924	1 696,045	4 762,121	2,808	2,347
85	95	4 099	1 156,188	3 066,076	2,652	2,191
86	96	2 747	763,456	1 909,889	2,502	2,041
87	97	1 766	483,525	1 146,432	2,371	1,910
88	98	1 107	298,595	662,907	2,220	1,759
89	99	656	174,360	364,312	2,089	1,629
90	100	368	96,322	189,952	1,972	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	4 254 431,678	42,715	42,254
1	12	99 240	97 773,089	4 154 831,358	42,495	42,034
2	13	99 205	96 294,308	4 057 058,269	42,132	41,671
3	14	99 181	94 848,311	3 960 763,961	41,759	41,298
4	15	99 158	93 424,776	3 865 915,650	41,380	40,919
5	16	99 134	92 021,926	3 772 490,874	40,996	40,535
6	17	99 110	90 640,661	3 680 468,948	40,605	40,144
7	18	99 086	89 278,809	3 589 828,288	40,209	39,748
8	19	99 057	87 934,101	3 500 549,479	39,809	39,348
9	20	99 030	86 610,803	3 412 615,379	39,402	38,941
10	21	99 004	85 308,179	3 326 004,575	38,988	38,527
11	22	98 980	84 027,090	3 240 696,396	38,567	38,106
12	23	98 954	82 763,593	3 156 669,306	38,141	37,680
13	24	98 924	81 516,405	3 073 905,713	37,709	37,248
14	25	98 898	80 290,431	2 992 389,309	37,270	36,809
15	26	98 868	79 079,571	2 912 098,877	36,825	36,364
16	27	98 834	77 884,040	2 833 019,306	36,375	35,914
17	28	98 787	76 696,525	2 755 135,266	35,923	35,462
18	29	98 733	75 522,083	2 678 438,741	35,466	35,005
19	30	98 670	74 358,222	2 602 916,658	35,005	34,544
20	31	98 599	73 206,998	2 528 558,436	34,540	34,079
21	32	98 523	72 069,600	2 455 351,438	34,069	33,608
22	33	98 445	70 948,148	2 383 281,837	33,592	33,131
23	34	98 366	69 843,251	2 312 333,690	33,107	32,647
24	35	98 282	68 752,585	2 242 490,439	32,617	32,156
25	36	98 195	67 676,543	2 173 737,854	32,120	31,659
26	37	98 102	66 613,071	2 106 061,310	31,616	31,156
27	38	98 010	65 567,355	2 039 448,239	31,105	30,644
28	39	97 901	64 526,479	1 973 880,884	30,590	30,129
29	40	97 792	63 502,289	1 909 354,405	30,067	29,607
30	41	97 670	62 485,570	1 845 852,117	29,540	29,080
31	42	97 539	61 479,735	1 783 366,547	29,007	28,547
32	43	97 391	60 479,245	1 721 886,813	28,471	28,010
33	44	97 235	59 490,137	1 661 407,567	27,927	27,467
34	45	97 067	58 509,611	1 601 917,431	27,379	26,918
35	46	96 881	57 534,470	1 543 407,819	26,826	26,365
36	47	96 672	56 561,976	1 485 873,349	26,270	25,809
37	48	96 448	55 596,826	1 429 311,372	25,709	25,248
38	49	96 204	54 636,339	1 373 714,547	25,143	24,682
39	50	95 929	53 675,007	1 319 078,207	24,575	24,114
40	51	95 635	52 719,967	1 265 403,201	24,002	23,542
41	52	95 304	51 760,998	1 212 683,234	23,429	22,968
42	53	94 944	50 803,467	1 160 922,236	22,851	22,390
43	54	94 543	49 841,500	1 110 118,769	22,273	21,812
44	55	94 104	48 876,964	1 060 277,269	21,693	21,232
45	56	93 624	47 908,910	1 011 400,305	21,111	20,650
46	57	93 095	46 933,940	963 491,395	20,529	20,068
47	58	92 520	45 955,109	916 557,455	19,945	19,484
48	59	91 883	44 964,229	870 602,346	19,362	18,901
49	60	91 185	43 962,996	825 638,117	18,780	18,319
50	61	90 408	42 944,226	781 675,121	18,202	17,741
51	62	89 586	41 924,855	738 730,895	17,620	17,160
52	63	88 698	40 895,768	696 806,041	17,039	16,578
53	64	87 724	39 848,974	655 910,272	16,460	15,999
54	65	86 650	38 779,634	616 061,299	15,886	15,425
55	66	85 477	37 689,156	577 281,664	15,317	14,856
56	67	84 209	36 581,503	539 592,508	14,750	14,290
57	68	82 823	35 447,708	503 011,005	14,190	13,729
58	69	81 359	34 306,461	467 563,297	13,629	13,168
59	70	79 771	33 139,758	433 256,836	13,074	12,613
60	71	78 070	31 953,869	400 117,078	12,522	12,061
61	72	76 252	30 748,218	368 163,209	11,973	11,513
62	73	74 327	29 529,220	337 414,991	11,426	10,966
63	74	72 289	28 295,052	307 885,771	10,881	10,420
64	75	70 124	27 041,906	279 590,719	10,339	9,878
65	76	67 804	25 761,154	252 548,814	9,803	9,343
66	77	65 305	24 444,984	226 787,660	9,277	8,817
67	78	62 667	23 110,796	202 342,675	8,755	8,295
68	79	59 813	21 732,127	179 231,879	8,247	7,787
69	80	56 762	20 318,774	157 499,752	7,751	7,291
70	81	53 455	18 852,412	137 180,977	7,277	6,816
71	82	49 955	17 357,598	118 328,565	6,817	6,356
72	83	46 283	15 844,071	100 970,968	6,373	5,912
73	84	42 455	14 318,796	85 126,897	5,945	5,484
74	85	38 480	12 786,541	70 808,101	5,538	5,077
75	86	34 411	11 265,347	58 021,560	5,150	4,690
76	87	30 285	9 767,953	46 756,212	4,787	4,326
77	88	26 196	8 324,190	36 988,260	4,443	3,983
78	89	22 231	6 959,983	28 664,070	4,118	3,658
79	90	18 427	5 683,827	21 704,087	3,819	3,358
80	91	14 880	4 521,970	16 020,261	3,543	3,082
81	92	11 664	3 492,312	11 498,290	3,292	2,832
82	93	8 846	2 609,383	8 005,979	3,068	2,607
83	94	6 472	1 880,999	5 396,595	2,869	2,408
84	95	4 531	1 297,182	3 515,597	2,710	2,249
85	96	3 078	868,258	2 218,415	2,555	2,094
86	97	2 007	557,716	1 350,157	2,421	1,960
87	98	1 277	349,562	792,441	2,267	1,806
88	99	770	207,604	442,879	2,133	1,672
89	100	439	116,729	235,275	2,016	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	4 229 911,699	42,472	42,011
1	13	99 232	97 765,354	4 130 318,798	42,247	41,786
2	14	99 196	96 286,053	4 032 553,444	41,881	41,420
3	15	99 170	94 838,358	3 936 267,391	41,505	41,044
4	16	99 145	93 413,089	3 841 429,033	41,123	40,662
5	17	99 120	92 008,941	3 748 015,944	40,735	40,275
6	18	99 096	90 627,389	3 656 007,003	40,341	39,880
7	19	99 065	89 260,628	3 565 379,614	39,943	39,483
8	20	99 038	87 917,127	3 476 118,986	39,539	39,078
9	21	99 012	86 594,765	3 388 201,859	39,127	38,666
10	22	98 987	85 294,056	3 301 607,094	38,709	38,248
11	23	98 962	84 012,549	3 216 313,038	38,284	37,823
12	24	98 932	82 745,634	3 132 300,488	37,855	37,394
13	25	98 908	81 502,582	3 049 554,854	37,417	36,956
14	26	98 880	80 275,460	2 968 052,272	36,973	36,513
15	27	98 849	79 064,184	2 887 776,812	36,524	36,064
16	28	98 812	77 867,028	2 808 712,627	36,071	35,610
17	29	98 762	76 677,397	2 730 845,599	35,615	35,154
18	30	98 708	75 502,539	2 654 168,202	35,153	34,693
19	31	98 640	74 336,143	2 578 665,663	34,689	34,228
20	32	98 568	73 183,631	2 504 329,520	34,220	33,759
21	33	98 489	72 044,589	2 431 145,889	33,745	33,284
22	34	98 410	70 922,887	2 359 101,300	33,263	32,802
23	35	98 327	69 815,934	2 288 178,413	32,774	32,314
24	36	98 242	68 724,913	2 218 362,479	32,279	31,818
25	37	98 149	67 644,813	2 149 637,566	31,778	31,318
26	38	98 057	66 582,414	2 081 992,752	31,269	30,809
27	39	97 953	65 528,955	2 015 410,338	30,756	30,295
28	40	97 843	64 488,040	1 949 881,383	30,236	29,776
29	41	97 726	63 459,190	1 885 393,343	29,710	29,250
30	42	97 595	62 437,902	1 821 934,153	29,180	28,719
31	43	97 458	61 428,718	1 759 496,252	28,643	28,182
32	44	97 304	60 424,818	1 698 067,534	28,102	27,641
33	45	97 136	59 429,454	1 637 642,716	27,556	27,095
34	46	96 959	58 444,551	1 578 213,261	27,004	26,543
35	47	96 758	57 461,417	1 519 768,710	26,449	25,988
36	48	96 534	56 480,892	1 462 307,293	25,890	25,430
37	49	96 294	55 507,894	1 405 826,400	25,327	24,866
38	50	96 029	54 537,369	1 350 318,506	24,760	24,299
39	51	95 739	53 569,231	1 295 781,138	24,189	23,728
40	52	95 424	52 603,520	1 242 211,906	23,615	23,154
41	53	95 070	51 633,909	1 189 608,386	23,039	22,578
42	54	94 684	50 664,614	1 137 974,477	22,461	22,000
43	55	94 259	49 691,495	1 087 309,863	21,881	21,420
44	56	93 793	48 715,015	1 037 618,368	21,300	20,839
45	57	93 285	47 735,533	988 903,353	20,716	20,255
46	58	92 723	46 746,566	941 167,819	20,133	19,673
47	59	92 112	45 752,421	894 421,253	19,549	19,088
48	60	91 440	44 747,052	848 668,832	18,966	18,505
49	61	90 693	43 725,990	803 921,780	18,385	17,925
50	62	89 902	42 703,949	760 195,790	17,802	17,341
51	63	89 042	41 670,093	717 491,841	17,218	16,758
52	64	88 114	40 626,494	675 821,748	16,635	16,174
53	65	87 085	39 558,580	635 195,255	16,057	15,596
54	66	85 956	38 468,926	595 636,675	15,484	15,023
55	67	84 730	37 359,926	557 167,749	14,914	14,453
56	68	83 393	36 226,867	519 807,823	14,349	13,888
57	69	81 977	35 085,617	483 580,956	13,783	13,322
58	70	80 450	33 923,183	448 495,339	13,221	12,760
59	71	78 799	32 735,999	414 572,157	12,664	12,203
60	72	77 025	31 525,995	381 836,158	12,112	11,651
61	73	75 153	30 305,157	350 310,163	11,559	11,099
62	74	73 176	29 072,026	320 005,006	11,007	10,547
63	75	71 052	27 810,968	290 932,979	10,461	10,000
64	76	68 786	26 526,284	263 122,011	9,919	9,458
65	77	66 325	25 198,889	236 595,727	9,389	8,928
66	78	63 708	23 847,259	211 396,839	8,865	8,404
67	79	60 906	22 461,377	187 549,580	8,350	7,889
68	80	57 843	21 016,634	165 088,203	7,855	7,394
69	81	54 581	19 538,372	144 071,569	7,374	6,913
70	82	51 100	18 021,726	124 533,197	6,910	6,449
71	83	47 440	16 483,789	106 511,471	6,462	6,001
72	84	43 595	14 923,817	90 027,682	6,032	5,572
73	85	39 601	13 356,273	75 103,865	5,623	5,162
74	86	35 509	11 799,148	61 747,592	5,233	4,772
75	87	31 352	10 263,772	49 948,444	4,866	4,406
76	88	27 220	8 779,533	39 684,673	4,520	4,059
77	89	23 188	7 368,364	30 905,139	4,194	3,734
78	90	19 321	6 048,795	23 536,775	3,891	3,430
79	91	15 701	4 842,979	17 487,980	3,611	3,150
80	92	12 390	3 765,286	12 645,002	3,358	2,898
81	93	9 477	2 837,299	8 879,715	3,130	2,669
82	94	6 996	2 063,505	6 042,416	2,928	2,467
83	95	4 950	1 438,639	3 978,911	2,766	2,305
84	96	3 402	974,140	2 540,272	2,608	2,147
85	97	2 248	634,275	1 566,132	2,469	2,008
86	98	1 451	403,197	931,857	2,311	1,850
87	99	888	243,040	528,659	2,175	1,714
88	100	515	138,985	285,619	2,055	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	4 204 343,902	42,219	41,758
1	14	99 223	97 756,973	4 104 758,880	41,989	41,529
2	15	99 186	96 275,949	4 007 001,907	41,620	41,159
3	16	99 158	94 826,494	3 910 725,957	41,241	40,780
4	17	99 131	93 399,908	3 815 899,464	40,855	40,395
5	18	99 105	91 995,469	3 722 499,556	40,464	40,003
6	19	99 076	90 608,934	3 630 504,087	40,068	39,607
7	20	99 046	89 243,398	3 539 895,153	39,666	39,205
8	21	99 020	87 900,848	3 450 651,755	39,256	38,795
9	22	98 995	86 580,429	3 362 750,907	38,840	38,379
10	23	98 970	85 279,296	3 276 170,478	38,417	37,956
11	24	98 941	83 994,320	3 190 891,182	37,989	37,529
12	25	98 915	82 731,603	3 106 896,862	37,554	37,093
13	26	98 889	81 487,385	3 024 165,259	37,112	36,651
14	27	98 861	80 259,841	2 942 677,874	36,664	36,204
15	28	98 827	79 046,915	2 862 418,033	36,212	35,751
16	29	98 787	77 847,609	2 783 371,118	35,754	35,293
17	30	98 736	76 657,554	2 705 523,510	35,294	34,833
18	31	98 678	75 480,120	2 628 865,955	34,829	34,368
19	32	98 609	74 312,415	2 553 385,835	34,360	33,899
20	33	98 534	73 158,233	2 479 073,420	33,886	33,426
21	34	98 454	72 018,937	2 405 915,187	33,407	32,946
22	35	98 372	70 895,148	2 333 896,250	32,920	32,460
23	36	98 288	69 787,834	2 263 001,102	32,427	31,966
24	37	98 196	68 692,692	2 193 213,267	31,928	31,467
25	38	98 104	67 613,682	2 124 520,576	31,421	30,961
26	39	97 999	66 543,419	2 056 906,894	30,911	30,450
27	40	97 894	65 489,919	1 990 363,475	30,392	29,931
28	41	97 776	64 444,272	1 924 873,555	29,869	29,408
29	42	97 651	63 410,779	1 860 429,283	29,339	28,879
30	43	97 514	62 386,090	1 797 018,504	28,805	28,344
31	44	97 371	61 373,436	1 734 632,414	28,264	27,803
32	45	97 204	60 363,182	1 673 258,977	27,720	27,259
33	46	97 028	59 363,371	1 612 895,795	27,170	26,709
34	47	96 836	58 370,342	1 553 532,424	26,615	26,154
35	48	96 619	57 379,044	1 495 162,081	26,058	25,597
36	49	96 379	56 390,547	1 437 783,037	25,497	25,036
37	50	96 119	55 407,345	1 381 392,491	24,932	24,471
38	51	95 840	54 429,894	1 325 985,146	24,361	23,901
39	52	95 528	53 450,909	1 271 555,252	23,789	23,328
40	53	95 189	52 474,363	1 218 104,344	23,213	22,753
41	54	94 810	51 492,786	1 165 629,981	22,637	22,176
42	55	94 399	50 512,132	1 114 137,195	22,057	21,596
43	56	93 946	49 526,848	1 063 625,063	21,476	21,015
44	57	93 453	48 538,721	1 014 098,215	20,893	20,432
45	58	92 913	47 544,960	965 559,494	20,308	19,848
46	59	92 314	46 540,388	918 014,534	19,725	19,264
47	60	91 667	45 531,437	871 474,145	19,140	18,679
48	61	90 947	44 505,820	825 942,709	18,558	18,097
49	62	90 186	43 481,339	781 436,889	17,972	17,511
50	63	89 356	42 444,452	737 955,551	17,386	16,926
51	64	88 455	41 395,719	695 511,099	16,802	16,341
52	65	87 472	40 330,434	654 115,379	16,219	15,758
53	66	86 387	39 241,630	613 784,945	15,641	15,180
54	67	85 205	38 132,883	574 543,315	15,067	14,606
55	68	83 909	36 997,744	536 410,431	14,498	14,038
56	69	82 541	35 856,817	499 412,688	13,928	13,467
57	70	81 061	34 693,634	463 555,870	13,361	12,901
58	71	79 470	33 509,879	428 862,237	12,798	12,337
59	72	77 744	32 297,652	395 352,358	12,241	11,780
60	73	75 915	31 071,727	363 054,706	11,684	11,224
61	74	73 989	29 835,950	331 982,979	11,127	10,666
62	75	71 924	28 574,650	302 147,030	10,574	10,113
63	76	69 697	27 280,682	273 572,380	10,028	9,567
64	77	67 285	25 947,319	246 291,698	9,492	9,031
65	78	64 703	24 582,729	220 344,379	8,963	8,503
66	79	61 918	23 177,145	195 761,650	8,446	7,986
67	80	58 901	21 721,875	172 584,505	7,945	7,484
68	81	55 622	20 209,428	150 862,631	7,465	7,004
69	82	52 176	18 677,461	130 653,203	6,995	6,534
70	83	48 527	17 114,485	111 975,742	6,543	6,082
71	84	44 685	15 526,380	94 861,258	6,110	5,649
72	85	40 664	13 920,624	79 334,878	5,699	5,238
73	86	36 543	12 324,884	65 414,254	5,307	4,847
74	87	32 352	10 750,113	53 089,371	4,938	4,478
75	88	28 179	9 225,180	42 339,258	4,590	4,129
76	89	24 095	7 771,423	33 114,078	4,261	3,800
77	90	20 152	6 403,712	25 342,655	3,957	3,497
78	91	16 462	5 153,955	18 938,943	3,675	3,214
79	92	13 074	4 032,579	13 784,988	3,418	2,958
80	93	10 066	3 059,075	9 752,410	3,188	2,727
81	94	7 494	2 243,741	6 693,334	2,983	2,522
82	95	5 350	1 578,225	4 449,593	2,819	2,359
83	96	3 718	1 080,370	2 871,368	2,658	2,197
84	97	2 485	711,623	1 790,998	2,517	2,056
85	98	1 626	458,546	1 079,375	2,354	1,893
86	99	1 009	280,331	620,829	2,215	1,754
87	100	594	162,709	340,498	2,093	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	4 177 739,207	41,955	41,494
1	15	99 213	97 746,715	4 078 162,722	41,722	41,261
2	16	99 173	96 263,905	3 980 416,007	41,349	40,888
3	17	99 144	94 813,113	3 884 152,102	40,966	40,506
4	18	99 117	93 386,232	3 789 338,988	40,577	40,116
5	19	99 085	91 976,735	3 695 952,756	40,184	39,723
6	20	99 057	90 591,444	3 603 976,021	39,783	39,322
7	21	99 028	89 226,873	3 513 384,577	39,376	38,915
8	22	99 003	87 886,295	3 424 157,703	38,961	38,500
9	23	98 978	86 565,447	3 336 271,408	38,540	38,080
10	24	98 949	85 260,792	3 249 705,962	38,115	37,654
11	25	98 924	83 980,077	3 164 445,170	37,681	37,220
12	26	98 897	82 716,177	3 080 465,093	37,241	36,781
13	27	98 870	81 471,530	2 997 748,916	36,795	36,334
14	28	98 839	80 242,310	2 916 277,386	36,343	35,883
15	29	98 802	79 027,201	2 836 035,076	35,887	35,426
16	30	98 762	77 827,463	2 757 007,876	35,425	34,964
17	31	98 707	76 634,792	2 679 180,412	34,960	34,500
18	32	98 647	75 456,027	2 602 545,620	34,491	34,030
19	33	98 575	74 286,625	2 527 089,593	34,018	33,557
20	34	98 498	73 132,185	2 452 802,968	33,539	33,079
21	35	98 416	71 990,770	2 379 670,783	33,055	32,594
22	36	98 332	70 866,614	2 307 680,013	32,564	32,103
23	37	98 242	69 755,115	2 236 813,399	32,067	31,606
24	38	98 151	68 661,078	2 167 058,285	31,562	31,101
25	39	98 046	67 574,083	2 098 397,207	31,053	30,592
26	40	97 941	66 503,779	2 030 823,124	30,537	30,076
27	41	97 828	65 445,472	1 964 319,345	30,015	29,554
28	42	97 702	64 395,110	1 898 873,873	29,488	29,027
29	43	97 570	63 358,160	1 834 478,763	28,954	28,493
30	44	97 427	62 329,947	1 771 120,603	28,415	27,954
31	45	97 271	61 310,833	1 708 790,656	27,871	27,410
32	46	97 096	60 296,061	1 647 479,823	27,323	26,862
33	47	96 905	59 287,996	1 587 183,762	26,771	26,310
34	48	96 697	58 286,666	1 527 895,766	26,213	25,753
35	49	96 465	57 287,262	1 469 609,100	25,653	25,193
36	50	96 205	56 288,398	1 412 321,838	25,091	24,630
37	51	95 930	55 298,155	1 356 033,440	24,522	24,061
38	52	95 628	54 309,670	1 300 735,285	23,950	23,490
39	53	95 293	53 319,670	1 246 425,615	23,376	22,916
40	54	94 929	52 330,943	1 193 105,944	22,799	22,338
41	55	94 525	51 337,812	1 140 775,001	22,221	21,760
42	56	94 087	50 344,766	1 089 437,189	21,640	21,179
43	57	93 606	49 347,616	1 039 092,424	21,057	20,596
44	58	93 080	48 344,941	989 744,808	20,473	20,012
45	59	92 503	47 335,260	941 399,867	19,888	19,427
46	60	91 868	46 315,598	894 064,607	19,304	18,843
47	61	91 173	45 285,976	847 749,009	18,720	18,259
48	62	90 438	44 256,805	802 463,033	18,132	17,671
49	63	89 638	43 217,118	758 206,228	17,544	17,083
50	64	88 768	42 164,980	714 989,110	16,957	16,496
51	65	87 811	41 094,054	672 824,129	16,373	15,912
52	66	86 771	40 007,300	631 730,075	15,790	15,330
53	67	85 632	38 898,838	591 722,775	15,212	14,751
54	68	84 379	37 763,208	552 823,937	14,639	14,178
55	69	83 052	36 619,819	515 060,729	14,065	13,604
56	70	81 619	35 456,218	478 440,910	13,494	13,033
57	71	80 074	34 270,943	442 984,691	12,926	12,465
58	72	78 406	33 061,169	408 713,748	12,362	11,902
59	73	76 624	31 832,265	375 652,579	11,801	11,340
60	74	74 740	30 590,651	343 820,315	11,239	10,779
61	75	72 723	29 325,504	313 229,664	10,681	10,220
62	76	70 553	28 029,802	283 904,160	10,129	9,668
63	77	68 176	26 685,252	255 874,358	9,589	9,128
64	78	65 640	25 312,858	229 189,106	9,054	8,593
65	79	62 885	23 891,948	203 876,248	8,533	8,072
66	80	59 880	22 414,077	179 984,300	8,030	7,569
67	81	56 639	20 887,582	157 570,224	7,544	7,083
68	82	53 171	19 318,948	136 682,642	7,075	6,614
69	83	49 550	17 737,208	117 363,694	6,617	6,156
70	84	45 709	16 120,443	99 626,485	6,180	5,719
71	85	41 681	14 482,682	83 506,043	5,766	5,305
72	86	37 524	12 845,655	69 023,361	5,373	4,912
73	87	33 294	11 229,107	56 177,706	5,003	4,542
74	88	29 078	9 662,309	44 948,599	4,652	4,191
75	89	24 943	8 165,898	35 286,290	4,321	3,860
76	90	20 940	6 754,003	27 120,392	4,015	3,555
77	91	17 171	5 456,366	20 366,390	3,733	3,272
78	92	13 708	4 291,518	14 910,023	3,474	3,014
79	93	10 622	3 276,235	10 618,506	3,241	2,780
80	94	7 961	2 419,122	7 342,271	3,035	2,574
81	95	5 732	1 716,075	4 923,149	2,869	2,408
82	96	4 018	1 185,194	3 207,074	2,706	2,245
83	97	2 716	789,226	2 021,880	2,562	2,101
84	98	1 797	514,464	1 232,654	2,396	1,935
85	99	1 130	318,813	718,190	2,253	1,792
86	100	675	187,674	399,377	2,128	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	4 150 109,513	41,682	41,221
1	16	99 201	97 734,487	4 050 543,477	41,444	40,984
2	17	99 159	96 250,322	3 952 808,990	41,068	40,607
3	18	99 130	94 799,231	3 856 558,668	40,681	40,221
4	19	99 097	93 367,215	3 761 759,437	40,290	39,829
5	20	99 066	91 958,981	3 668 392,222	39,892	39,431
6	21	99 038	90 574,669	3 576 433,241	39,486	39,025
7	22	99 012	89 212,101	3 485 858,571	39,074	38,613
8	23	98 986	87 871,087	3 396 646,470	38,655	38,194
9	24	98 957	86 546,663	3 308 775,384	38,231	37,770
10	25	98 932	85 246,334	3 222 228,720	37,799	37,338
11	26	98 906	83 964,418	3 136 982,386	37,361	36,900
12	27	98 878	82 700,083	3 053 017,968	36,917	36,456
13	28	98 848	81 453,734	2 970 317,886	36,466	36,006
14	29	98 814	80 222,298	2 888 864,152	36,011	35,550
15	30	98 777	79 006,750	2 808 641,854	35,549	35,089
16	31	98 733	77 804,354	2 729 635,104	35,083	34,623
17	32	98 676	76 610,331	2 651 830,750	34,615	34,154
18	33	98 612	75 429,841	2 575 220,419	34,141	33,680
19	34	98 540	74 260,176	2 499 790,579	33,663	33,202
20	35	98 460	73 103,582	2 425 530,403	33,179	32,719
21	36	98 376	71 961,795	2 352 426,821	32,690	32,229
22	37	98 286	70 833,388	2 280 465,027	32,195	31,734
23	38	98 196	69 723,012	2 209 631,638	31,692	31,231
24	39	98 094	68 620,866	2 139 908,627	31,185	30,724
25	40	97 988	67 533,829	2 071 287,761	30,670	30,210
26	41	97 874	66 458,643	2 003 753,932	30,150	29,690
27	42	97 753	65 395,546	1 937 295,289	29,624	29,163
28	43	97 621	64 341,674	1 871 899,743	29,093	28,632
29	44	97 483	63 301,142	1 807 558,069	28,555	28,094
30	45	97 327	62 266,368	1 744 256,927	28,013	27,552
31	46	97 163	61 242,658	1 681 990,559	27,464	27,004
32	47	96 973	60 219,501	1 620 747,901	26,914	26,453
33	48	96 766	59 203,004	1 560 528,399	26,359	25,898
34	49	96 543	58 193,432	1 501 325,395	25,799	25,338
35	50	96 290	57 183,489	1 443 131,963	25,237	24,776
36	51	96 015	56 177,473	1 385 948,474	24,671	24,210
37	52	95 718	55 176,014	1 329 771,002	24,101	23,640
38	53	95 394	54 176,323	1 274 594,988	23,527	23,066
39	54	95 033	53 173,940	1 220 418,665	22,951	22,491
40	55	94 644	52 173,446	1 167 244,724	22,372	21,912
41	56	94 211	51 167,710	1 115 071,279	21,792	21,332
42	57	93 746	50 162,574	1 063 903,569	21,209	20,748
43	58	93 233	49 150,606	1 013 740,995	20,625	20,164
44	59	92 670	48 131,713	964 590,389	20,041	19,580
45	60	92 056	47 106,631	916 458,676	19,455	18,994
46	61	91 373	46 065,910	869 352,045	18,872	18,411
47	62	90 663	45 032,596	823 286,136	18,282	17,821
48	63	89 888	43 987,872	778 253,540	17,692	17,232
49	64	89 048	42 932,559	734 265,667	17,103	16,642
50	65	88 121	41 857,709	691 333,108	16,516	16,055
51	66	87 107	40 764,802	649 475,399	15,932	15,471
52	67	86 013	39 657,820	608 710,597	15,349	14,888
53	68	84 802	38 521,737	569 052,777	14,772	14,311
54	69	83 517	37 377,465	530 531,040	14,194	13,733
55	70	82 124	36 210,696	493 153,576	13,619	13,158
56	71	80 625	35 024,237	456 942,880	13,046	12,586
57	72	79 002	33 812,043	421 918,643	12,478	12,018
58	73	77 276	32 584,780	388 106,601	11,911	11,450
59	74	75 438	31 339,413	355 521,821	11,344	10,883
60	75	73 461	30 067,293	324 182,407	10,782	10,321
61	76	71 337	28 766,339	294 115,114	10,224	9,763
62	77	69 013	27 418,021	265 348,775	9,678	9,217
63	78	66 509	26 032,747	237 930,754	9,140	8,679
64	79	63 795	24 601,561	211 898,007	8,613	8,152
65	80	60 814	23 105,346	187 296,446	8,106	7,645
66	81	57 580	21 553,198	164 191,100	7,618	7,157
67	82	54 143	19 967,221	142 637,902	7,144	6,683
68	83	50 494	18 346,402	122 670,681	6,686	6,226
69	84	46 672	16 706,997	104 324,279	6,244	5,784
70	85	42 636	15 036,811	87 617,281	5,827	5,366
71	86	38 462	13 364,310	72 580,470	5,431	4,970
72	87	34 188	11 703,578	59 216,160	5,060	4,599
73	88	29 925	10 092,833	47 512,582	4,708	4,247
74	89	25 739	8 552,833	37 419,749	4,375	3,914
75	90	21 678	7 096,834	28 866,916	4,068	3,607
76	91	17 842	5 754,836	21 770,082	3,783	3,322
77	92	14 297	4 543,325	16 015,246	3,525	3,064
78	93	11 137	3 486,607	11 471,920	3,290	2,829
79	94	8 400	2 590,852	7 985,313	3,082	2,621
80	95	6 088	1 850,211	5 394,461	2,916	2,455
81	96	4 304	1 288,715	3 544,250	2,750	2,289
82	97	2 935	865,801	2 255,535	2,605	2,144
83	98	1 963	570,566	1 389,734	2,436	1,975
84	99	1 249	357,691	819,167	2,290	1,829
85	100	757	213,437	461,476	2,162	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	4 121 468,311	41,399	40,939
1	17	99 187	97 720,696	4 021 914,731	41,157	40,696
2	18	99 145	96 236,229	3 924 194,034	40,777	40,316
3	19	99 109	94 779,926	3 827 957,805	40,388	39,927
4	20	99 077	93 349,193	3 733 177,879	39,992	39,531
5	21	99 048	91 941,953	3 639 828,686	39,588	39,128
6	22	99 022	90 559,674	3 547 886,733	39,177	38,717
7	23	98 994	89 196,663	3 457 327,059	38,761	38,300
8	24	98 965	87 852,020	3 368 130,396	38,339	37,878
9	25	98 940	86 531,988	3 280 278,376	37,908	37,447
10	26	98 913	85 230,439	3 193 746,388	37,472	37,011
11	27	98 887	83 948,081	3 108 515,949	37,029	36,568
12	28	98 856	82 682,019	3 024 567,868	36,581	36,120
13	29	98 824	81 433,420	2 941 885,849	36,126	35,665
14	30	98 789	80 201,538	2 860 452,430	35,666	35,205
15	31	98 747	78 983,290	2 780 250,892	35,200	34,740
16	32	98 701	77 779,519	2 701 267,602	34,730	34,269
17	33	98 641	76 583,743	2 623 488,083	34,256	33,796
18	34	98 577	75 402,984	2 546 904,339	33,777	33,316
19	35	98 501	74 231,131	2 471 501,355	33,295	32,834
20	36	98 420	73 074,159	2 397 270,224	32,806	32,345
21	37	98 330	71 928,055	2 324 196,065	32,313	31,852
22	38	98 241	70 800,789	2 252 268,009	31,811	31,351
23	39	98 139	69 682,178	2 181 467,220	31,306	30,845
24	40	98 035	68 579,988	2 111 785,043	30,793	30,332
25	41	97 921	67 487,994	2 043 205,055	30,275	29,814
26	42	97 800	66 407,945	1 975 717,061	29,751	29,290
27	43	97 672	65 341,280	1 909 309,116	29,221	28,760
28	44	97 533	64 283,771	1 843 967,836	28,685	28,224
29	45	97 383	63 236,573	1 779 684,065	28,143	27,682
30	46	97 219	62 197,130	1 716 447,493	27,597	27,136
31	47	97 040	61 164,896	1 654 250,362	27,046	26,585
32	48	96 834	60 133,174	1 593 085,466	26,493	26,032
33	49	96 611	59 108,304	1 532 952,292	25,935	25,474
34	50	96 368	58 088,018	1 473 843,988	25,373	24,912
35	51	96 100	57 070,799	1 415 755,970	24,807	24,346
36	52	95 803	56 053,389	1 358 685,171	24,239	23,778
37	53	95 483	55 040,540	1 302 631,782	23,667	23,206
38	54	95 133	54 028,252	1 247 591,242	23,091	22,631
39	55	94 747	53 013,906	1 193 562,990	22,514	22,053
40	56	94 330	52 000,575	1 140 549,084	21,933	21,473
41	57	93 871	50 982,540	1 088 548,509	21,351	20,891
42	58	93 372	49 962,311	1 037 565,969	20,767	20,306
43	59	92 822	48 933,825	987 603,659	20,182	19,722
44	60	92 222	47 899,237	938 669,834	19,597	19,136
45	61	91 560	46 852,678	890 770,597	19,012	18,551
46	62	90 862	45 808,166	843 917,919	18,423	17,962
47	63	90 112	44 758,949	798 109,753	17,831	17,370
48	64	89 296	43 698,238	753 350,804	17,240	16,779
49	65	88 399	42 619,694	709 652,566	16,651	16,190
50	66	87 415	41 522,339	667 032,872	16,064	15,604
51	67	86 346	40 408,704	625 510,533	15,480	15,019
52	68	85 179	39 273,361	585 101,829	14,898	14,437
53	69	83 936	38 128,246	545 828,468	14,316	13,855
54	70	82 584	36 959,877	507 700,223	13,737	13,276
55	71	81 123	35 769,522	470 740,346	13,160	12,700
56	72	79 545	34 555,249	434 970,824	12,588	12,127
57	73	77 863	33 324,834	400 415,575	12,016	11,555
58	74	76 080	32 080,278	367 090,741	11,443	10,982
59	75	74 147	30 803,246	335 010,463	10,876	10,415
60	76	72 060	29 493,984	304 207,217	10,314	9,853
61	77	69 780	28 138,482	274 713,233	9,763	9,302
62	78	67 325	26 747,599	246 574,750	9,219	8,758
63	79	64 640	25 301,221	219 827,151	8,688	8,228
64	80	61 695	23 791,596	194 525,931	8,176	7,715
65	81	58 478	22 217,917	170 734,335	7,685	7,224
66	82	55 043	20 603,508	148 516,418	7,208	6,748
67	83	51 417	18 962,040	127 912,910	6,746	6,285
68	84	47 561	17 280,808	108 950,869	6,305	5,844
69	85	43 535	15 583,937	91 670,061	5,882	5,422
70	86	39 344	13 875,649	76 086,124	5,483	5,023
71	87	35 043	12 176,120	62 210,475	5,109	4,648
72	88	30 729	10 519,292	50 034,355	4,756	4,296
73	89	26 489	8 933,923	39 515,062	4,423	3,962
74	90	22 370	7 433,113	30 581,140	4,114	3,653
75	91	18 471	6 046,950	23 148,027	3,828	3,367
76	92	14 857	4 791,851	17 101,077	3,569	3,108
77	93	11 616	3 691,186	12 309,226	3,335	2,874
78	94	8 807	2 757,215	8 618,040	3,126	2,665
79	95	6 424	1 981,555	5 860,824	2,958	2,497
80	96	4 572	1 389,447	3 879,270	2,792	2,331
81	97	3 144	941,425	2 489,823	2,645	2,184
82	98	2 122	625,926	1 548,399	2,474	2,013
83	99	1 365	396,698	922,473	2,325	1,865
84	100	836	239,465	525,775	2,196	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	4 091 829,212	41,108	40,647
1	18	99 172	97 706,388	3 992 289,679	40,860	40,399
2	19	99 125	96 216,632	3 894 583,291	40,477	40,016
3	20	99 090	94 761,631	3 798 366,659	40,083	39,623
4	21	99 059	93 331,908	3 703 605,028	39,682	39,221
5	22	99 031	91 926,732	3 610 273,120	39,273	38,813
6	23	99 005	90 544,003	3 518 346,388	38,858	38,397
7	24	98 973	89 177,309	3 427 802,385	38,438	37,977
8	25	98 948	87 837,123	3 338 625,077	38,009	37,548
9	26	98 921	86 515,853	3 250 787,954	37,574	37,114
10	27	98 894	85 213,856	3 164 272,101	37,133	36,673
11	28	98 865	83 929,744	3 079 058,245	36,686	36,225
12	29	98 831	82 661,398	2 995 128,501	36,234	35,773
13	30	98 798	81 412,346	2 912 467,103	35,774	35,313
14	31	98 759	80 177,723	2 831 054,757	35,310	34,849
15	32	98 716	78 958,079	2 750 877,033	34,840	34,379
16	33	98 667	77 752,526	2 671 918,954	34,364	33,904
17	34	98 606	76 556,476	2 594 166,428	33,886	33,425
18	35	98 539	75 373,493	2 517 609,952	33,402	32,941
19	36	98 461	74 201,255	2 442 236,460	32,914	32,453
20	37	98 374	73 039,898	2 368 035,205	32,421	31,960
21	38	98 285	71 894,952	2 294 995,307	31,922	31,461
22	39	98 183	70 759,324	2 223 100,354	31,418	30,957
23	40	98 080	69 640,668	2 152 341,030	30,906	30,446
24	41	97 969	68 533,443	2 082 700,363	30,390	29,929
25	42	97 847	67 436,510	2 014 166,920	29,868	29,407
26	43	97 718	66 352,838	1 946 730,410	29,339	28,878
27	44	97 584	65 282,477	1 880 377,571	28,804	28,343
28	45	97 433	64 218,199	1 815 095,094	28,264	27,804
29	46	97 275	63 166,256	1 750 876,895	27,719	27,258
30	47	97 096	62 118,157	1 687 710,639	27,169	26,709
31	48	96 901	61 077,214	1 625 592,482	26,615	26,155
32	49	96 679	60 036,986	1 564 515,268	26,059	25,598
33	50	96 436	59 001,233	1 504 478,281	25,499	25,038
34	51	96 178	57 973,546	1 445 477,049	24,933	24,473
35	52	95 888	56 944,742	1 387 503,503	24,366	23,905
36	53	95 568	55 915,761	1 330 558,761	23,796	23,335
37	54	95 222	54 890,107	1 274 643,000	23,222	22,761
38	55	94 847	53 865,646	1 219 752,893	22,644	22,184
39	56	94 433	52 838,250	1 165 887,247	22,065	21,604
40	57	93 989	51 812,391	1 113 048,996	21,482	21,021
41	58	93 496	50 779,003	1 061 236,606	20,899	20,438
42	59	92 960	49 741,949	1 010 457,603	20,314	19,853
43	60	92 373	48 697,474	960 715,654	19,728	19,267
44	61	91 725	47 641,011	912 018,179	19,144	18,683
45	62	91 048	46 590,532	864 377,168	18,553	18,092
46	63	90 310	45 529,806	817 786,636	17,962	17,501
47	64	89 519	44 464,238	772 256,830	17,368	16,907
48	65	88 646	43 379,793	727 792,592	16,777	16,316
49	66	87 691	42 278,218	684 412,799	16,188	15,728
50	67	86 651	41 159,624	642 134,580	15,601	15,140
51	68	85 509	40 016,966	600 974,957	15,018	14,557
52	69	84 309	38 872,192	560 957,991	14,431	13,970
53	70	82 998	37 702,270	522 085,799	13,848	13,387
54	71	81 578	36 509,575	484 383,529	13,267	12,807
55	72	80 037	35 290,555	447 873,954	12,691	12,230
56	73	78 399	34 057,332	412 583,399	12,114	11,654
57	74	76 658	32 808,873	378 526,068	11,537	11,077
58	75	74 778	31 531,435	345 717,194	10,964	10,503
59	76	72 733	30 215,904	314 185,759	10,398	9,937
60	77	70 487	28 850,246	283 969,855	9,843	9,382
61	78	68 073	27 450,444	255 119,609	9,294	8,833
62	79	65 434	25 995,985	227 669,165	8,758	8,297
63	80	62 512	24 468,221	201 673,180	8,242	7,781
64	81	59 325	22 877,809	177 204,959	7,746	7,285
65	82	55 902	21 238,938	154 327,150	7,266	6,805
66	83	52 272	19 566,296	133 088,212	6,802	6,341
67	84	48 431	17 860,689	113 521,916	6,356	5,895
68	85	44 364	16 119,176	95 661,227	5,935	5,474
69	86	40 173	14 380,525	79 542,051	5,531	5,070
70	87	35 846	12 641,997	65 161,526	5,154	4,694
71	88	31 497	10 944,018	52 519,529	4,799	4,338
72	89	27 200	9 311,414	41 575,511	4,465	4,004
73	90	23 021	7 764,311	32 264,097	4,155	3,695
74	91	19 060	6 333,481	24 499,786	3,868	3,407
75	92	15 380	5 035,084	18 166,306	3,608	3,147
76	93	12 070	3 893,099	13 131,222	3,373	2,912
77	94	9 186	2 918,997	9 238,123	3,165	2,704
78	95	6 736	2 108,794	6 319,126	2,997	2,536
79	96	4 824	1 488,081	4 210,333	2,829	2,369
80	97	3 340	1 015,011	2 722,252	2,682	2,221
81	98	2 273	680,598	1 707,241	2,508	2,048
82	99	1 475	435,188	1 026,643	2,359	1,898
83	100	914	265,578	591,456	2,227	1,766

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	4 061 205,134	40,806	40,345
1	19	99 152	97 686,491	3 961 680,176	40,555	40,094
2	20	99 106	96 198,059	3 863 993,684	40,167	39,706
3	21	99 072	94 744,084	3 767 795,625	39,768	39,307
4	22	99 043	93 316,456	3 673 051,541	39,361	38,900
5	23	99 014	91 910,824	3 579 735,085	38,948	38,487
6	24	98 983	90 524,356	3 487 824,261	38,529	38,068
7	25	98 956	89 162,187	3 397 299,904	38,102	37,642
8	26	98 929	87 820,745	3 308 137,717	37,669	37,208
9	27	98 902	86 499,019	3 220 316,973	37,230	36,769
10	28	98 873	85 195,242	3 133 817,953	36,784	36,323
11	29	98 840	83 908,813	3 048 622,711	36,333	35,872
12	30	98 806	82 640,007	2 964 713,898	35,875	35,414
13	31	98 769	81 388,172	2 882 073,891	35,411	34,951
14	32	98 728	80 152,131	2 800 685,719	34,942	34,481
15	33	98 682	78 930,677	2 720 533,588	34,467	34,007
16	34	98 632	77 724,842	2 641 602,911	33,987	33,526
17	35	98 568	76 526,533	2 563 878,069	33,503	33,042
18	36	98 499	75 343,156	2 487 351,535	33,014	32,553
19	37	98 415	74 166,466	2 412 008,379	32,522	32,061
20	38	98 329	73 006,284	2 337 841,913	32,022	31,562
21	39	98 227	71 852,846	2 264 835,630	31,520	31,060
22	40	98 125	70 717,172	2 192 982,783	31,011	30,550
23	41	98 014	69 593,403	2 122 265,611	30,495	30,034
24	42	97 894	68 481,162	2 052 672,208	29,974	29,513
25	43	97 765	67 380,550	1 984 191,047	29,448	28,987
26	44	97 631	66 293,126	1 916 810,496	28,914	28,453
27	45	97 485	65 215,886	1 850 517,371	28,375	27,914
28	46	97 325	64 146,791	1 785 301,484	27,832	27,371
29	47	97 151	63 086,052	1 721 154,693	27,283	26,822
30	48	96 956	62 029,108	1 658 068,641	26,730	26,270
31	49	96 746	60 979,516	1 596 039,533	26,173	25,713
32	50	96 504	59 928,233	1 535 060,017	25,615	25,154
33	51	96 246	58 884,961	1 475 131,784	25,051	24,590
34	52	95 965	57 845,495	1 416 246,823	24,483	24,022
35	53	95 653	56 804,926	1 358 401,329	23,913	23,453
36	54	95 307	55 762,935	1 301 596,403	23,342	22,881
37	55	94 935	54 724,907	1 245 833,467	22,765	22,305
38	56	94 532	53 687,169	1 191 108,560	22,186	21,725
39	57	94 091	52 647,035	1 137 421,392	21,605	21,144
40	58	93 613	51 605,541	1 084 774,357	21,021	20,560
41	59	93 083	50 555,040	1 033 168,816	20,437	19,976
42	60	92 511	49 501,695	982 613,776	19,850	19,389
43	61	91 875	48 434,945	933 112,081	19,265	18,804
44	62	91 212	47 374,454	884 677,136	18,674	18,213
45	63	90 495	46 307,419	837 302,681	18,081	17,621
46	64	89 715	45 230,019	790 995,263	17,488	17,027
47	65	88 867	44 140,211	745 765,243	16,895	16,435
48	66	87 935	43 032,228	701 625,032	16,305	15,844
49	67	86 925	41 908,900	658 592,805	15,715	15,254
50	68	85 811	40 760,606	616 683,905	15,129	14,669
51	69	84 636	39 608,201	575 923,299	14,541	14,080
52	70	83 367	38 437,904	536 315,098	13,953	13,492
53	71	81 987	37 242,923	497 877,194	13,368	12,908
54	72	80 486	36 020,699	460 634,270	12,788	12,327
55	73	78 884	34 782,042	424 613,572	12,208	11,747
56	74	77 185	33 530,030	389 831,530	11,626	11,166
57	75	75 346	32 247,566	356 301,500	11,049	10,588
58	76	73 352	30 930,209	324 053,934	10,477	10,016
59	77	71 146	29 556,409	293 123,725	9,917	9,457
60	78	68 764	28 144,803	263 567,316	9,365	8,904
61	79	66 161	26 679,080	235 422,513	8,824	8,363
62	80	63 279	25 140,112	208 743,433	8,303	7,842
63	81	60 111	23 528,446	183 603,321	7,803	7,343
64	82	56 711	21 869,754	160 074,875	7,319	6,859
65	83	53 088	20 169,737	138 205,121	6,852	6,391
66	84	49 236	18 429,848	118 035,384	6,405	5,944
67	85	45 175	16 660,076	99 605,536	5,979	5,518
68	86	40 938	14 874,432	82 945,460	5,576	5,116
69	87	36 601	13 101,986	68 071,028	5,195	4,735
70	88	32 219	11 362,753	54 969,042	4,838	4,377
71	89	27 880	9 687,370	43 606,289	4,501	4,041
72	90	23 639	8 092,381	33 918,918	4,191	3,731
73	91	19 615	6 615,682	25 826,537	3,904	3,443
74	92	15 871	5 273,668	19 210,855	3,643	3,182
75	93	12 495	4 090,712	13 937,187	3,407	2,946
76	94	9 545	3 078,669	9 846,476	3,198	2,737
77	95	7 026	2 232,528	6 767,806	3,031	2,571
78	96	5 058	1 583,634	4 535,278	2,864	2,403
79	97	3 524	1 087,065	2 951,644	2,715	2,254
80	98	2 415	733,796	1 864,580	2,541	2,080
81	99	1 580	473,199	1 130,783	2,390	1,929
82	100	988	291,346	657,584	2,257	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	4 029 607,470	40,497	40,036
1	20	99 133	97 667,635	3 930 102,779	40,240	39,779
2	21	99 087	96 180,247	3 832 435,144	39,846	39,386
3	22	99 055	94 728,399	3 736 254,897	39,442	38,981
4	23	99 026	93 300,308	3 641 526,499	39,030	38,569
5	24	98 993	91 890,881	3 548 226,191	38,613	38,153
6	25	98 966	90 509,006	3 456 335,310	38,188	37,727
7	26	98 938	89 145,562	3 365 826,304	37,757	37,296
8	27	98 910	87 803,657	3 276 680,742	37,318	36,857
9	28	98 881	86 480,125	3 188 877,085	36,874	36,413
10	29	98 848	85 173,995	3 102 396,960	36,424	35,963
11	30	98 815	83 887,099	3 017 222,964	35,968	35,507
12	31	98 777	82 615,469	2 933 335,866	35,506	35,045
13	32	98 737	81 362,194	2 850 720,397	35,037	34,577
14	33	98 694	80 124,314	2 769 358,204	34,563	34,102
15	34	98 647	78 902,574	2 689 233,889	34,083	33,622
16	35	98 593	77 694,443	2 610 331,315	33,597	33,137
17	36	98 528	76 495,733	2 532 636,872	33,108	32,647
18	37	98 453	75 307,832	2 456 141,140	32,615	32,154
19	38	98 370	74 132,332	2 380 833,308	32,116	31,655
20	39	98 271	72 963,527	2 306 700,975	31,614	31,154
21	40	98 168	71 810,044	2 233 737,449	31,106	30,645
22	41	98 058	70 669,177	2 161 927,405	30,592	30,131
23	42	97 939	69 540,313	2 091 258,228	30,073	29,612
24	43	97 813	68 424,335	2 021 717,916	29,547	29,086
25	44	97 678	67 319,912	1 953 293,581	29,015	28,554
26	45	97 531	66 225,504	1 885 973,668	28,478	28,017
27	46	97 376	65 143,369	1 819 748,164	27,935	27,474
28	47	97 201	64 065,342	1 754 604,795	27,388	26,927
29	48	97 012	62 995,616	1 690 539,453	26,836	26,375
30	49	96 801	61 929,888	1 627 543,837	26,280	25,820
31	50	96 570	60 869,055	1 565 613,950	25,721	25,260
32	51	96 314	59 810,134	1 504 744,895	25,159	24,698
33	52	96 034	58 754,897	1 444 934,761	24,593	24,132
34	53	95 730	57 703,467	1 386 179,864	24,022	23,562
35	54	95 391	56 649,670	1 328 476,397	23,451	22,990
36	55	95 020	55 595,109	1 271 826,727	22,877	22,416
37	56	94 621	54 543,582	1 216 231,618	22,298	21,838
38	57	94 190	53 492,881	1 161 688,035	21,717	21,256
39	58	93 716	52 436,853	1 108 195,155	21,134	20,673
40	59	93 201	51 377,932	1 055 758,302	20,549	20,088
41	60	92 634	50 310,858	1 004 380,370	19,963	19,503
42	61	92 012	49 234,831	954 069,511	19,378	18,917
43	62	91 361	48 163,947	904 834,680	18,787	18,326
44	63	90 657	47 086,577	856 670,734	18,194	17,733
45	64	89 899	46 002,511	809 584,157	17,599	17,138
46	65	89 061	44 900,412	763 581,645	17,006	16,545
47	66	88 155	43 786,553	718 681,233	16,413	15,952
48	67	87 167	42 656,323	674 894,681	15,822	15,361
49	68	86 082	41 502,619	632 238,358	15,234	14,773
50	69	84 934	40 344,245	590 735,739	14,642	14,182
51	70	83 690	39 165,691	550 391,495	14,053	13,592
52	71	82 351	37 969,595	511 225,804	13,464	13,003
53	72	80 889	36 744,227	473 256,209	12,880	12,419
54	73	79 326	35 501,665	436 511,982	12,296	11,835
55	74	77 662	34 243,520	401 010,317	11,711	11,250
56	75	75 864	32 956,385	366 766,797	11,129	10,668
57	76	73 910	31 632,684	333 810,413	10,553	10,092
58	77	71 751	30 255,123	302 177,728	9,988	9,527
59	78	69 406	28 833,700	271 922,605	9,431	8,970
60	79	66 832	27 353,928	243 088,905	8,887	8,426
61	80	63 982	25 800,716	215 734,978	8,362	7,901
62	81	60 849	24 174,531	189 934,261	7,857	7,396
63	82	57 462	22 491,722	165 759,730	7,370	6,909
64	83	53 856	20 768,797	143 268,008	6,898	6,437
65	84	50 004	18 998,240	122 499,211	6,448	5,987
66	85	45 926	17 190,976	103 500,971	6,021	5,560
67	86	41 687	15 373,563	86 309,995	5,614	5,153
68	87	37 299	13 551,981	70 936,432	5,234	4,774
69	88	32 897	11 776,196	57 384,451	4,873	4,412
70	89	28 519	10 058,024	45 608,255	4,535	4,074
71	90	24 230	8 419,118	35 550,231	4,223	3,762
72	91	20 142	6 895,219	27 131,113	3,935	3,474
73	92	16 333	5 508,647	20 235,894	3,673	3,213
74	93	12 894	4 284,547	14 727,247	3,437	2,976
75	94	9 881	3 234,942	10 442,700	3,228	2,767
76	95	7 300	2 354,650	7 207,758	3,061	2,600
77	96	5 276	1 676,554	4 853,108	2,895	2,434
78	97	3 695	1 156,867	3 176,553	2,746	2,285
79	98	2 548	785,887	2 019,686	2,570	2,109
80	99	1 679	510,186	1 233,799	2,418	1,958
81	100	1 058	316,794	723,613	2,284	1,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	3 997 052,329	40,177	39,716
1	21	99 114	97 649,550	3 897 566,845	39,914	39,453
2	22	99 071	96 164,323	3 799 917,295	39,515	39,054
3	23	99 038	94 712,006	3 703 752,972	39,105	38,645
4	24	99 004	93 280,063	3 609 040,965	38,690	38,230
5	25	98 976	91 875,299	3 515 760,902	38,267	37,806
6	26	98 948	90 492,130	3 423 885,603	37,836	37,375
7	27	98 918	89 128,217	3 333 393,474	37,400	36,939
8	28	98 889	87 784,478	3 244 265,257	36,957	36,496
9	29	98 856	86 458,558	3 156 480,779	36,509	36,048
10	30	98 822	85 151,954	3 070 022,221	36,053	35,593
11	31	98 785	83 862,190	2 984 870,267	35,593	35,132
12	32	98 745	82 589,098	2 901 008,078	35,126	34,665
13	33	98 703	81 333,957	2 818 418,979	34,652	34,192
14	34	98 658	80 095,786	2 737 085,022	34,173	33,712
15	35	98 608	78 871,714	2 656 989,236	33,687	33,227
16	36	98 553	77 663,172	2 578 117,522	33,196	32,735
17	37	98 482	76 459,868	2 500 454,350	32,703	32,242
18	38	98 408	75 273,173	2 423 994,482	32,203	31,742
19	39	98 312	74 088,916	2 348 721,308	31,701	31,241
20	40	98 213	72 920,062	2 274 632,392	31,194	30,733
21	41	98 102	71 761,306	2 201 712,330	30,681	30,220
22	42	97 983	70 615,266	2 129 951,024	30,163	29,702
23	43	97 858	69 482,607	2 059 335,758	29,638	29,177
24	44	97 725	68 362,758	1 989 853,150	29,107	28,646
25	45	97 578	67 251,243	1 921 490,393	28,572	28,111
26	46	97 422	66 151,864	1 854 239,149	28,030	27,569
27	47	97 253	65 060,655	1 788 087,285	27,483	27,023
28	48	97 062	63 973,502	1 723 026,631	26,933	26,473
29	49	96 857	62 894,849	1 659 053,129	26,378	25,917
30	50	96 626	61 817,705	1 596 158,279	25,820	25,360
31	51	96 380	60 749,102	1 534 340,575	25,257	24,796
32	52	96 101	59 678,027	1 473 591,472	24,692	24,232
33	53	95 798	58 610,636	1 413 913,446	24,124	23,663
34	54	95 468	57 545,755	1 355 302,810	23,552	23,091
35	55	95 104	56 479,175	1 297 757,055	22,978	22,517
36	56	94 705	55 410,901	1 241 277,879	22,401	21,941
37	57	94 279	54 346,195	1 185 866,979	21,821	21,360
38	58	93 814	53 279,322	1 131 520,783	21,238	20,777
39	59	93 302	52 205,577	1 078 241,461	20,654	20,193
40	60	92 750	51 129,776	1 026 035,883	20,067	19,606
41	61	92 134	50 039,632	974 906,107	19,483	19,022
42	62	91 498	48 959,357	924 866,476	18,890	18,430
43	63	90 806	47 871,272	875 907,119	18,297	17,836
44	64	90 060	46 776,540	828 035,847	17,702	17,241
45	65	89 244	45 667,275	781 259,308	17,108	16,647
46	66	88 348	44 540,663	735 592,033	16,515	16,054
47	67	87 384	43 404,059	691 051,370	15,921	15,461
48	68	86 322	42 242,795	647 647,311	15,332	14,871
49	69	85 203	41 078,678	605 404,516	14,738	14,277
50	70	83 986	39 893,511	564 325,838	14,146	13,685
51	71	82 670	38 688,515	524 432,327	13,555	13,094
52	72	81 249	37 461,168	485 743,812	12,967	12,506
53	73	79 723	36 214,767	448 282,644	12,378	11,918
54	74	78 098	34 952,001	412 067,876	11,790	11,329
55	75	76 334	33 657,668	377 115,876	11,204	10,744
56	76	74 418	32 327,988	343 458,208	10,624	10,163
57	77	72 296	30 942,267	311 130,220	10,055	9,594
58	78	69 997	29 515,329	280 187,953	9,493	9,032
59	79	67 456	28 023,466	250 672,624	8,945	8,484
60	80	64 631	26 453,346	222 649,159	8,417	7,956
61	81	61 525	24 809,763	196 195,813	7,908	7,447
62	82	58 168	23 109,339	171 386,049	7,416	6,956
63	83	54 570	21 359,454	148 276,711	6,942	6,481
64	84	50 728	19 562,505	126 917,256	6,488	6,027
65	85	46 643	17 721,161	107 354,751	6,058	5,597
66	86	42 380	15 863,466	89 633,590	5,650	5,190
67	87	37 981	14 006,736	73 770,124	5,267	4,806
68	88	33 524	12 180,655	59 763,388	4,906	4,446
69	89	29 120	10 423,993	47 582,733	4,565	4,104
70	90	24 785	8 741,247	37 158,740	4,251	3,790
71	91	20 646	7 173,620	28 417,493	3,961	3,501
72	92	16 772	5 741,408	21 243,874	3,700	3,239
73	93	13 270	4 475,454	15 502,466	3,464	3,003
74	94	10 197	3 388,227	11 027,012	3,255	2,794
75	95	7 558	2 474,172	7 638,785	3,087	2,627
76	96	5 482	1 768,264	5 164,613	2,921	2,460
77	97	3 854	1 224,747	3 396,349	2,773	2,312
78	98	2 671	836,351	2 171,602	2,597	2,136
79	99	1 771	546,404	1 335,252	2,444	1,983
80	100	1 124	341,556	788,848	2,310	1,849

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	3 963 548,447	39,848	39,387
1	22	99 098	97 633,384	3 864 081,384	39,577	39,117
2	23	99 054	96 147,682	3 766 448,000	39,174	38,713
3	24	99 017	94 691,455	3 670 300,318	38,761	38,300
4	25	98 987	93 264,245	3 575 608,863	38,338	37,878
5	26	98 957	91 858,168	3 482 344,617	37,910	37,449
6	27	98 929	90 474,522	3 390 486,449	37,474	37,014
7	28	98 897	89 108,748	3 300 011,927	37,034	36,573
8	29	98 864	87 762,585	3 210 903,179	36,586	36,125
9	30	98 830	86 436,184	3 123 140,593	36,132	35,672
10	31	98 793	85 126,669	3 036 704,409	35,673	35,212
11	32	98 754	83 835,421	2 951 577,740	35,207	34,746
12	33	98 711	82 560,436	2 867 742,319	34,735	34,274
13	34	98 668	81 304,999	2 785 181,883	34,256	33,795
14	35	98 620	80 064,460	2 703 876,884	33,771	33,310
15	36	98 568	78 839,969	2 623 812,425	33,280	32,819
16	37	98 507	77 626,760	2 544 972,455	32,785	32,324
17	38	98 437	76 424,679	2 467 345,695	32,285	31,824
18	39	98 350	75 229,089	2 390 921,016	31,782	31,321
19	40	98 254	74 044,781	2 315 691,927	31,274	30,813
20	41	98 146	72 870,571	2 241 647,146	30,762	30,301
21	42	98 027	71 706,562	2 168 776,575	30,245	29,784
22	43	97 902	70 556,669	2 097 070,012	29,722	29,261
23	44	97 770	69 420,078	2 026 513,344	29,192	28,731
24	45	97 625	68 293,025	1 957 093,266	28,657	28,196
25	46	97 469	67 176,463	1 888 800,241	28,117	27,656
26	47	97 299	66 067,869	1 821 623,778	27,572	27,111
27	48	97 113	64 967,387	1 755 555,909	27,022	26,561
28	49	96 907	63 871,171	1 690 588,521	26,469	26,008
29	50	96 681	62 780,919	1 626 717,350	25,911	25,450
30	51	96 436	61 695,883	1 563 936,431	25,349	24,888
31	52	96 167	60 614,921	1 502 240,549	24,783	24,323
32	53	95 865	59 531,499	1 441 625,628	24,216	23,755
33	54	95 536	58 450,445	1 382 094,129	23,646	23,185
34	55	95 181	57 372,563	1 323 643,684	23,071	22,610
35	56	94 789	56 292,038	1 266 271,120	22,495	22,034
36	57	94 362	55 210,375	1 209 979,083	21,916	21,455
37	58	93 902	54 129,230	1 154 768,708	21,334	20,873
38	59	93 400	53 044,331	1 100 639,478	20,749	20,289
39	60	92 852	51 953,424	1 047 595,147	20,164	19,703
40	61	92 250	50 854,135	995 641,722	19,578	19,118
41	62	91 619	49 759,654	944 787,588	18,987	18,526
42	63	90 942	48 661,849	895 027,933	18,393	17,932
43	64	90 208	47 556,068	846 366,085	17,797	17,336
44	65	89 404	46 435,662	798 810,017	17,203	16,742
45	66	88 529	45 301,381	752 374,355	16,608	16,147
46	67	87 576	44 151,581	707 072,974	16,015	15,554
47	68	86 537	42 983,282	662 921,392	15,423	14,962
48	69	85 440	41 811,294	619 938,110	14,827	14,366
49	70	84 251	40 619,739	578 126,816	14,233	13,772
50	71	82 962	39 407,467	537 507,077	13,640	13,179
51	72	81 563	38 170,461	498 099,609	13,049	12,589
52	73	80 078	36 921,378	459 929,148	12,457	11,996
53	74	78 489	35 654,063	423 007,770	11,864	11,403
54	75	76 762	34 354,028	387 353,707	11,275	10,815
55	76	74 878	33 015,899	352 999,679	10,692	10,231
56	77	72 794	31 622,394	319 983,780	10,119	9,658
57	78	70 529	30 185,670	288 361,385	9,553	9,092
58	79	68 030	28 685,941	258 175,715	9,000	8,539
59	80	65 235	27 100,841	229 489,774	8,468	8,007
60	81	62 149	25 437,327	202 388,933	7,956	7,496
61	82	58 814	23 716,581	176 951,606	7,461	7,000
62	83	55 239	21 945,979	153 235,025	6,982	6,522
63	84	51 400	20 118,856	131 289,046	6,526	6,065
64	85	47 318	18 247,495	111 170,190	6,092	5,632
65	86	43 041	16 352,709	92 922,695	5,682	5,222
66	87	38 612	14 453,083	76 569,986	5,298	4,837
67	88	34 137	12 589,393	62 116,903	4,934	4,473
68	89	29 675	10 782,011	49 527,510	4,594	4,133
69	90	25 308	9 059,304	38 745,499	4,277	3,816
70	91	21 119	7 448,093	29 686,195	3,986	3,525
71	92	17 191	5 973,222	22 238,102	3,723	3,262
72	93	13 626	4 664,558	16 264,880	3,487	3,026
73	94	10 494	3 539,197	11 600,322	3,278	2,817
74	95	7 799	2 591,409	8 061,125	3,111	2,650
75	96	5 675	1 858,021	5 469,716	2,944	2,483
76	97	4 005	1 291,742	3 611,696	2,796	2,335
77	98	2 786	885,424	2 319,953	2,620	2,159
78	99	1 857	581,489	1 434,529	2,467	2,006
79	100	1 186	365,802	853,040	2,332	1,871

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	3 929 104,229	39,508	39,047
1	23	99 081	97 616,489	3 829 653,634	39,232	38,771
2	24	99 032	96 126,820	3 732 037,145	38,824	38,363
3	25	99 000	94 675,398	3 635 910,326	38,404	37,943
4	26	98 969	93 246,855	3 541 234,927	37,977	37,516
5	27	98 938	91 840,295	3 447 988,072	37,543	37,083
6	28	98 907	90 454,760	3 356 147,777	37,103	36,642
7	29	98 872	89 086,525	3 265 693,017	36,658	36,197
8	30	98 838	87 739,874	3 176 606,492	36,205	35,744
9	31	98 801	86 410,518	3 088 866,617	35,746	35,286
10	32	98 761	85 099,497	3 002 456,099	35,282	34,821
11	33	98 720	83 806,326	2 917 356,602	34,811	34,350
12	34	98 676	82 531,040	2 833 550,276	34,333	33,872
13	35	98 629	81 273,199	2 751 019,235	33,849	33,388
14	36	98 580	80 032,235	2 669 746,036	33,358	32,898
15	37	98 522	78 803,006	2 589 713,801	32,863	32,402
16	38	98 462	77 591,034	2 510 910,796	32,361	31,900
17	39	98 379	76 379,920	2 433 319,761	31,858	31,397
18	40	98 291	75 184,275	2 356 939,841	31,349	30,888
19	41	98 187	73 994,527	2 281 755,566	30,837	30,376
20	42	98 071	72 814,981	2 207 761,039	30,320	29,859
21	43	97 946	71 647,059	2 134 946,058	29,798	29,337
22	44	97 814	70 493,172	2 063 298,998	29,269	28,809
23	45	97 670	69 349,266	1 992 805,826	28,736	28,275
24	46	97 517	68 217,086	1 923 456,559	28,196	27,735
25	47	97 346	67 091,167	1 855 239,473	27,653	27,192
26	48	97 159	65 973,158	1 788 148,306	27,104	26,643
27	49	96 958	64 863,467	1 722 175,148	26,551	26,090
28	50	96 731	63 755,472	1 657 311,681	25,995	25,534
29	51	96 491	62 657,198	1 593 556,209	25,433	24,972
30	52	96 223	61 559,610	1 530 899,011	24,869	24,408
31	53	95 931	60 466,093	1 469 339,401	24,300	23,839
32	54	95 603	59 368,791	1 408 873,308	23,731	23,270
33	55	95 249	58 274,530	1 349 504,517	23,158	22,697
34	56	94 866	57 182,466	1 291 229,986	22,581	22,120
35	57	94 446	56 088,323	1 234 047,521	22,002	21,541
36	58	93 986	54 989,960	1 177 959,197	21,421	20,961
37	59	93 488	53 890,490	1 122 969,237	20,838	20,377
38	60	92 949	52 788,127	1 069 078,747	20,252	19,791
39	61	92 351	51 673,342	1 016 290,621	19,668	19,207
40	62	91 734	50 569,600	964 617,278	19,075	18,614
41	63	91 062	49 457,283	914 047,678	18,482	18,021
42	64	90 343	48 341,439	864 590,395	17,885	17,424
43	65	89 551	47 209,510	816 248,956	17,290	16,829
44	66	88 688	46 063,612	769 039,446	16,695	16,234
45	67	87 755	44 905,655	722 975,834	16,100	15,639
46	68	86 727	43 723,558	678 070,179	15,508	15,047
47	69	85 653	42 544,217	634 346,621	14,910	14,449
48	70	84 486	41 344,170	591 802,404	14,314	13,853
49	71	83 224	40 124,848	550 458,234	13,719	13,258
50	72	81 851	38 879,787	510 333,386	13,126	12,665
51	73	80 388	37 620,451	471 453,599	12,532	12,071
52	74	78 838	36 349,733	433 833,148	11,935	11,474
53	75	77 146	35 044,079	397 483,415	11,342	10,882
54	76	75 298	33 698,981	362 439,336	10,755	10,294
55	77	73 244	32 295,291	328 740,355	10,179	9,718
56	78	71 014	30 849,167	296 445,064	9,609	9,149
57	79	68 547	29 337,446	265 595,896	9,053	8,592
58	80	65 790	27 741,505	236 258,450	8,516	8,056
59	81	62 729	26 059,953	208 516,945	8,001	7,541
60	82	59 411	24 316,493	182 456,993	7,503	7,043
61	83	55 853	22 522,652	158 140,500	7,021	6,561
62	84	52 031	20 671,315	135 617,848	6,561	6,100
63	85	47 945	18 766,448	114 946,534	6,125	5,664
64	86	43 664	16 838,400	96 180,086	5,712	5,251
65	87	39 214	14 898,828	79 341,686	5,325	4,865
66	88	34 705	12 990,574	64 442,858	4,961	4,500
67	89	30 218	11 143,815	51 452,284	4,617	4,156
68	90	25 790	9 370,450	40 308,468	4,302	3,841
69	91	21 564	7 719,098	30 938,018	4,008	3,547
70	92	17 585	6 201,767	23 218,920	3,744	3,283
71	93	13 967	4 852,894	17 017,153	3,507	3,046
72	94	10 775	3 688,741	12 164,259	3,298	2,837
73	95	8 026	2 706,874	8 475,519	3,131	2,670
74	96	5 857	1 946,062	5 768,644	2,964	2,503
75	97	4 146	1 357,311	3 822,583	2,816	2,355
76	98	2 895	933,858	2 465,272	2,640	2,179
77	99	1 937	615,608	1 531,414	2,488	2,027
78	100	1 243	389,291	915,806	2,352	1,892

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	3 893 726,276	39,159	38,698
1	24	99 059	97 595,307	3 794 292,890	38,878	38,417
2	25	99 015	96 110,520	3 696 697,583	38,463	38,002
3	26	98 982	94 657,745	3 600 587,063	38,038	37,577
4	27	98 950	93 228,712	3 505 929,318	37,606	37,145
5	28	98 916	91 820,234	3 412 700,606	37,167	36,706
6	29	98 882	90 432,201	3 320 880,372	36,722	36,262
7	30	98 847	89 063,471	3 230 448,171	36,271	35,811
8	31	98 809	87 713,821	3 141 384,699	35,814	35,353
9	32	98 769	86 382,936	3 053 670,878	35,350	34,890
10	33	98 727	85 069,964	2 967 287,942	34,881	34,420
11	34	98 684	83 776,487	2 882 217,978	34,404	33,943
12	35	98 637	82 498,761	2 798 441,490	33,921	33,460
13	36	98 590	81 240,488	2 715 942,729	33,431	32,970
14	37	98 534	79 994,712	2 634 702,241	32,936	32,475
15	38	98 477	78 766,739	2 554 707,529	32,434	31,973
16	39	98 404	77 545,592	2 475 940,791	31,929	31,468
17	40	98 320	76 334,421	2 398 395,198	31,420	30,959
18	41	98 225	75 133,247	2 322 060,777	30,906	30,445
19	42	98 112	73 938,080	2 246 927,530	30,389	29,929
20	43	97 990	72 754,559	2 172 989,451	29,867	29,407
21	44	97 858	71 582,582	2 100 234,892	29,340	28,879
22	45	97 714	70 421,267	2 028 652,310	28,807	28,347
23	46	97 561	69 272,153	1 958 231,043	28,269	27,808
24	47	97 393	68 130,469	1 888 958,890	27,726	27,265
25	48	97 206	66 994,989	1 820 828,421	27,179	26,718
26	49	97 004	65 867,629	1 753 833,432	26,627	26,166
27	50	96 782	64 745,970	1 687 965,804	26,071	25,610
28	51	96 541	63 629,831	1 623 219,833	25,510	25,050
29	52	96 278	62 518,802	1 559 590,002	24,946	24,485
30	53	95 986	61 408,463	1 497 071,200	24,379	23,918
31	54	95 669	60 300,831	1 435 662,737	23,808	23,348
32	55	95 315	59 190,113	1 375 361,906	23,236	22,776
33	56	94 933	58 081,444	1 316 171,794	22,661	22,200
34	57	94 522	56 975,529	1 258 090,350	22,081	21,620
35	58	94 069	55 864,403	1 201 114,821	21,501	21,040
36	59	93 571	54 747,424	1 145 250,418	20,919	20,458
37	60	93 036	53 630,199	1 090 502,994	20,334	19,873
38	61	92 448	52 503,545	1 036 872,795	19,749	19,288
39	62	91 834	51 384,224	984 369,251	19,157	18,696
40	63	91 177	50 262,307	932 985,026	18,562	18,102
41	64	90 463	49 131,636	882 722,719	17,966	17,506
42	65	89 684	47 989,158	833 591,083	17,370	16,910
43	66	88 833	46 831,260	785 601,925	16,775	16,314
44	67	87 913	45 661,227	738 770,666	16,179	15,719
45	68	86 904	44 470,321	693 109,438	15,586	15,125
46	69	85 841	43 276,931	648 639,117	14,988	14,527
47	70	84 696	42 068,905	605 362,186	14,390	13,929
48	71	83 457	40 840,453	563 293,281	13,793	13,332
49	72	82 110	39 587,561	522 452,828	13,197	12,737
50	73	80 672	38 319,556	482 865,267	12,601	12,140
51	74	79 144	37 037,982	444 545,711	12,002	11,542
52	75	77 489	35 727,847	407 507,729	11,406	10,945
53	76	75 675	34 375,875	371 779,882	10,815	10,354
54	77	73 654	32 963,464	337 404,007	10,236	9,775
55	78	71 453	31 505,611	304 440,543	9,663	9,202
56	79	69 018	29 982,298	272 934,932	9,103	8,642
57	80	66 290	28 371,560	242 952,633	8,563	8,102
58	81	63 263	26 676,010	214 581,073	8,044	7,583
59	82	59 965	24 911,684	187 905,063	7,543	7,082
60	83	56 420	23 092,363	162 993,379	7,058	6,598
61	84	52 609	21 214,493	139 901,016	6,595	6,134
62	85	48 533	19 281,769	118 686,523	6,155	5,695
63	86	44 243	17 317,278	99 404,754	5,740	5,279
64	87	39 782	15 341,337	82 087,476	5,351	4,890
65	88	35 246	13 391,215	66 746,139	4,984	4,524
66	89	30 720	11 498,931	53 354,924	4,640	4,179
67	90	26 261	9 684,888	41 855,993	4,322	3,861
68	91	21 975	7 984,215	32 171,105	4,029	3,569
69	92	17 955	6 427,423	24 186,890	3,763	3,302
70	93	14 287	5 038,573	17 759,468	3,525	3,064
71	94	11 045	3 837,677	12 720,894	3,315	2,854
72	95	8 241	2 821,250	8 883,218	3,149	2,688
73	96	6 027	2 032,772	6 061,968	2,982	2,521
74	97	4 278	1 421,626	4 029,195	2,834	2,373
75	98	2 997	981,260	2 607,569	2,657	2,197
76	99	2 013	649,283	1 626,309	2,505	2,044
77	100	1 297	412,133	977,026	2,371	1,910

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	3 857 423,351	38,802	38,342
1	25	99 042	97 578,758	3 758 011,541	38,513	38,052
2	26	98 997	96 092,599	3 660 432,783	38,093	37,632
3	27	98 962	94 639,327	3 564 340,184	37,662	37,202
4	28	98 928	93 208,348	3 469 700,856	37,225	36,764
5	29	98 892	91 797,335	3 376 492,508	36,782	36,321
6	30	98 857	90 408,799	3 284 695,173	36,332	35,871
7	31	98 817	89 037,025	3 194 286,374	35,876	35,415
8	32	98 777	87 685,823	3 105 249,349	35,413	34,953
9	33	98 735	86 352,957	3 017 563,525	34,945	34,484
10	34	98 692	85 039,675	2 931 210,568	34,469	34,008
11	35	98 646	83 743,721	2 846 170,893	33,987	33,526
12	36	98 597	82 465,557	2 762 427,172	33,498	33,037
13	37	98 543	81 202,398	2 679 961,615	33,003	32,543
14	38	98 489	79 957,897	2 598 759,217	32,502	32,041
15	39	98 419	78 720,608	2 518 801,320	31,997	31,536
16	40	98 346	77 499,398	2 440 080,712	31,485	31,024
17	41	98 254	76 282,613	2 362 581,314	30,971	30,511
18	42	98 150	75 075,931	2 286 298,701	30,453	29,992
19	43	98 031	73 876,725	2 211 222,770	29,931	29,470
20	44	97 902	72 689,085	2 137 346,045	29,404	28,943
21	45	97 758	71 509,565	2 064 656,960	28,872	28,412
22	46	97 605	70 342,961	1 993 147,396	28,335	27,874
23	47	97 437	69 184,196	1 922 804,434	27,793	27,332
24	48	97 253	68 032,801	1 853 620,238	27,246	26,785
25	49	97 051	66 887,825	1 785 587,437	26,695	26,234
26	50	96 828	65 748,313	1 718 699,612	26,141	25,680
27	51	96 592	64 618,378	1 652 951,299	25,580	25,119
28	52	96 327	63 489,287	1 588 332,921	25,017	24,557
29	53	96 041	62 365,300	1 524 843,634	24,450	23,989
30	54	95 724	61 240,625	1 462 478,335	23,881	23,420
31	55	95 381	60 119,347	1 401 237,710	23,308	22,847
32	56	94 999	58 993,993	1 341 118,363	22,733	22,272
33	57	94 589	57 871,254	1 282 124,370	22,155	21,694
34	58	94 145	56 748,067	1 224 253,116	21,573	21,113
35	59	93 654	55 618,010	1 167 505,049	20,991	20,531
36	60	93 119	54 482,993	1 111 887,039	20,408	19,947
37	61	92 535	53 341,077	1 057 404,046	19,823	19,363
38	62	91 931	52 209,782	1 004 062,969	19,231	18,771
39	63	91 276	51 071,981	951 853,187	18,637	18,177
40	64	90 576	49 931,360	900 781,206	18,040	17,580
41	65	89 803	48 773,596	850 849,846	17,445	16,984
42	66	88 966	47 604,661	802 076,250	16,849	16,388
43	67	88 057	46 422,169	754 471,589	16,252	15,792
44	68	87 061	45 218,569	708 049,420	15,658	15,198
45	69	86 017	44 016,066	662 830,851	15,059	14,598
46	70	84 882	42 793,433	618 814,785	14,461	14,000
47	71	83 665	41 556,357	576 021,352	13,861	13,400
48	72	82 339	40 293,584	534 464,994	13,264	12,803
49	73	80 927	39 017,131	494 171,410	12,665	12,205
50	74	79 423	37 726,263	455 154,279	12,065	11,604
51	75	77 790	36 404,321	417 428,016	11,466	11,006
52	76	76 012	35 046,605	381 023,694	10,872	10,411
53	77	74 024	33 625,584	345 977,089	10,289	9,828
54	78	71 853	32 157,446	312 351,505	9,713	9,252
55	79	69 445	30 620,296	280 194,059	9,151	8,690
56	80	66 746	28 995,182	249 573,763	8,607	8,147
57	81	63 744	27 281,866	220 578,581	8,085	7,624
58	82	60 476	25 500,597	193 296,715	7,580	7,119
59	83	56 946	23 657,591	167 796,118	7,093	6,632
60	84	53 143	21 751,114	144 138,527	6,627	6,166
61	85	49 073	19 788,435	122 387,413	6,185	5,724
62	86	44 786	17 792,806	102 598,978	5,766	5,306
63	87	40 309	15 777,639	84 806,172	5,375	4,914
64	88	35 757	13 788,946	69 028,533	5,006	4,545
65	89	31 199	11 853,568	55 239,587	4,660	4,199
66	90	26 698	9 993,513	43 386,019	4,341	3,881
67	91	22 376	8 252,136	33 392,507	4,047	3,586
68	92	18 298	6 648,176	25 140,371	3,782	3,321
69	93	14 588	5 221,906	18 492,195	3,541	3,080
70	94	11 298	3 984,512	13 270,289	3,330	2,870
71	95	8 447	2 935,160	9 285,777	3,164	2,703
72	96	6 189	2 118,665	6 350,617	2,997	2,537
73	97	4 403	1 484,969	4 231,952	2,850	2,389
74	98	3 093	1 027,756	2 746,983	2,673	2,212
75	99	2 084	682,240	1 719,227	2,520	2,059
76	100	1 348	434,677	1 036,986	2,386	1,925

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	3 820 207,438	38,435	37,974
1	26	99 024	97 560,563	3 720 812,486	38,138	37,678
2	27	98 978	96 073,902	3 623 251,922	37,713	37,252
3	28	98 941	94 618,655	3 527 178,020	37,278	36,817
4	29	98 903	93 185,103	3 432 559,365	36,836	36,375
5	30	98 866	91 773,580	3 339 374,262	36,387	35,926
6	31	98 828	90 381,954	3 247 600,683	35,932	35,471
7	32	98 786	89 008,605	3 157 218,729	35,471	35,010
8	33	98 743	87 655,392	3 068 210,124	35,003	34,542
9	34	98 700	86 322,212	2 980 554,732	34,528	34,067
10	35	98 653	85 006,415	2 894 232,520	34,047	33,586
11	36	98 606	83 710,016	2 809 226,105	33,559	33,098
12	37	98 551	82 426,893	2 725 516,090	33,066	32,605
13	38	98 498	81 165,027	2 643 089,196	32,564	32,104
14	39	98 431	79 911,069	2 561 924,169	32,060	31,599
15	40	98 360	78 673,714	2 482 013,101	31,548	31,087
16	41	98 279	77 446,800	2 403 339,387	31,032	30,571
17	42	98 179	76 224,420	2 325 892,587	30,514	30,053
18	43	98 068	75 013,632	2 249 668,168	29,990	29,529
19	44	97 943	73 810,241	2 174 654,535	29,463	29,002
20	45	97 802	72 614,939	2 100 844,294	28,931	28,470
21	46	97 649	71 430,049	2 028 229,356	28,395	27,934
22	47	97 481	70 253,645	1 956 799,306	27,853	27,393
23	48	97 298	69 085,018	1 886 545,662	27,308	26,847
24	49	97 098	67 923,977	1 817 460,644	26,757	26,296
25	50	96 875	66 766,662	1 749 536,667	26,204	25,743
26	51	96 637	65 618,745	1 682 770,005	25,645	25,184
27	52	96 378	64 475,650	1 617 151,260	25,082	24,621
28	53	96 091	63 333,402	1 552 675,610	24,516	24,055
29	54	95 779	62 194,847	1 489 342,209	23,946	23,486
30	55	95 436	61 056,313	1 427 147,362	23,374	22,913
31	56	95 065	59 920,148	1 366 091,049	22,799	22,338
32	57	94 656	58 780,500	1 306 170,901	22,221	21,760
33	58	94 212	57 640,216	1 247 390,401	21,641	21,180
34	59	93 730	56 497,776	1 189 750,185	21,058	20,598
35	60	93 202	55 349,375	1 133 252,409	20,475	20,014
36	61	92 617	54 189,275	1 077 903,034	19,891	19,431
37	62	92 017	53 042,628	1 023 713,760	19,300	18,839
38	63	91 372	51 892,522	970 671,131	18,705	18,245
39	64	90 675	50 735,702	918 778,609	18,109	17,648
40	65	89 916	49 567,492	868 042,907	17,512	17,052
41	66	89 084	48 382,815	818 475,415	16,917	16,456
42	67	88 189	47 188,814	770 092,601	16,319	15,859
43	68	87 204	45 972,134	722 903,787	15,725	15,264
44	69	86 171	44 756,671	676 931,653	15,125	14,664
45	70	85 056	43 524,310	632 174,982	14,525	14,064
46	71	83 848	42 272,058	588 650,672	13,925	13,464
47	72	82 544	40 999,903	546 378,614	13,326	12,866
48	73	81 153	39 712,981	505 378,711	12,726	12,265
49	74	79 674	38 413,039	465 665,730	12,123	11,662
50	75	78 064	37 080,827	427 252,691	11,522	11,061
51	76	76 306	35 710,181	390 171,865	10,926	10,465
52	77	74 353	34 281,675	354 461,684	10,340	9,879
53	78	72 214	32 803,375	320 180,008	9,761	9,300
54	79	69 834	31 253,814	287 376,633	9,195	8,734
55	80	67 159	29 612,175	256 122,819	8,649	8,188
56	81	64 182	27 881,536	226 510,645	8,124	7,663
57	82	60 935	26 079,757	198 629,108	7,616	7,155
58	83	57 431	24 216,857	172 549,352	7,125	6,664
59	84	53 639	22 283,513	148 332,495	6,657	6,196
60	85	49 570	20 288,984	126 048,982	6,213	5,752
61	86	45 283	18 260,346	105 759,998	5,792	5,331
62	87	40 804	16 210,889	87 499,652	5,398	4,937
63	88	36 230	14 181,099	71 288,763	5,027	4,566
64	89	31 651	12 205,629	57 107,664	4,679	4,218
65	90	27 115	10 301,721	44 902,034	4,359	3,898
66	91	22 748	8 515,103	34 600,313	4,063	3,603
67	92	18 632	6 871,264	26 085,210	3,796	3,335
68	93	14 866	5 401,255	19 213,946	3,557	3,097
69	94	11 536	4 129,492	13 812,691	3,345	2,884
70	95	8 641	3 047,464	9 683,199	3,177	2,717
71	96	6 344	2 204,207	6 635,735	3,010	2,550
72	97	4 521	1 547,715	4 431,528	2,863	2,402
73	98	3 183	1 073,550	2 883,813	2,686	2,225
74	99	2 150	714,568	1 810,263	2,533	2,073
75	100	1 395	456,741	1 095,695	2,399	1,938

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	98 172,750	4 367 231,914	44,485	44,024
2	1	99 313	96 399,312	4 269 059,164	44,285	43,824
3	2	99 275	94 937,937	4 172 659,852	43,951	43,491
4	3	99 250	93 511,734	4 077 721,915	43,607	43,146
5	4	99 227	92 108,127	3 984 210,181	43,256	42,795
6	5	99 208	90 730,121	3 892 102,053	42,898	42,437
7	6	99 191	89 373,309	3 801 371,932	42,534	42,073
8	7	99 176	88 039,311	3 711 998,624	42,163	41,702
9	8	99 163	86 726,896	3 623 959,312	41,786	41,325
10	9	99 149	85 433,057	3 537 232,416	41,404	40,943
11	10	99 135	84 158,581	3 451 799,359	41,015	40,555
12	11	99 120	82 902,541	3 367 640,778	40,622	40,161
13	12	99 105	81 664,897	3 284 738,237	40,222	39,761
14	13	99 087	80 443,967	3 203 073,340	39,817	39,357
15	14	99 067	79 238,775	3 122 629,373	39,408	38,947
16	15	99 042	78 047,834	3 043 390,598	38,994	38,533
17	16	99 004	76 864,995	2 965 342,764	38,579	38,118
18	17	98 961	75 696,172	2 888 477,769	38,159	37,698
19	18	98 908	74 538,005	2 812 781,596	37,736	37,275
20	19	98 847	73 390,846	2 738 243,591	37,310	36,850
21	20	98 783	72 259,710	2 664 852,745	36,879	36,418
22	21	98 721	71 146,819	2 592 593,035	36,440	35,979
23	22	98 660	70 052,175	2 521 446,216	35,994	35,533
24	23	98 598	68 973,290	2 451 394,041	35,541	35,080
25	24	98 528	67 906,393	2 382 420,751	35,084	34,623
26	25	98 464	66 859,322	2 314 514,358	34,618	34,157
27	26	98 399	65 827,765	2 247 655,037	34,144	33,684
28	27	98 328	64 808,105	2 181 827,272	33,666	33,205
29	28	98 256	63 803,521	2 117 019,167	33,180	32,719
30	29	98 175	62 808,950	2 053 215,646	32,690	32,229
31	30	98 093	61 829,084	1 990 406,696	32,192	31,731
32	31	97 997	60 855,348	1 928 577,611	31,691	31,230
33	32	97 897	59 894,883	1 867 722,263	31,183	30,723
34	33	97 793	58 947,372	1 807 827,380	30,668	30,208
35	34	97 680	58 008,800	1 748 880,009	30,149	29,688
36	35	97 555	57 078,458	1 690 871,209	29,624	29,163
37	36	97 429	56 162,424	1 633 792,751	29,090	28,630
38	37	97 292	55 254,674	1 577 630,327	28,552	28,091
39	38	97 145	54 355,943	1 522 375,653	28,008	27,547
40	39	96 983	53 462,877	1 468 019,711	27,459	26,998
41	40	96 803	52 575,253	1 414 556,834	26,905	26,445
42	41	96 609	51 694,562	1 361 981,581	26,347	25,886
43	42	96 392	50 815,920	1 310 287,019	25,785	25,324
44	43	96 154	49 941,481	1 259 471,099	25,219	24,758
45	44	95 895	49 070,881	1 209 529,619	24,649	24,188
46	45	95 601	48 197,650	1 160 458,738	24,077	23,616
47	46	95 286	47 328,938	1 112 261,088	23,501	23,040
48	47	94 929	46 454,527	1 064 932,150	22,924	22,463
49	48	94 529	45 575,125	1 018 477,624	22,347	21,886
50	49	94 081	44 688,703	972 902,499	21,771	21,310
51	50	93 580	43 793,925	928 213,796	21,195	20,734
52	51	93 035	42 895,435	884 419,871	20,618	20,157
53	52	92 418	41 981,558	841 524,436	20,045	19,584
54	53	91 732	41 053,854	799 542,878	19,475	19,015
55	54	90 971	40 111,757	758 489,023	18,909	18,449
56	55	90 140	39 157,791	718 377,267	18,346	17,885
57	56	89 227	38 188,639	679 219,476	17,786	17,325
58	57	88 234	37 205,442	641 030,836	17,229	16,769
59	58	87 140	36 201,113	603 825,394	16,680	16,219
60	59	85 953	35 180,342	567 624,281	16,135	15,674
61	60	84 679	34 146,680	532 443,939	15,593	15,132
62	61	83 297	33 093,011	498 297,260	15,057	14,597
63	62	81 827	32 028,363	465 204,248	14,525	14,064
64	63	80 267	30 953,433	433 175,886	13,994	13,534
65	64	78 600	29 862,674	402 222,453	13,469	13,008
66	65	76 828	28 758,129	372 359,779	12,948	12,487
67	66	74 967	27 646,708	343 601,650	12,428	11,968
68	67	72 978	26 515,441	315 954,942	11,916	11,455
69	68	70 918	25 386,478	289 439,501	11,401	10,941
70	69	68 746	24 244,988	264 053,023	10,891	10,430
71	70	66 455	23 090,635	239 808,036	10,386	9,925
72	71	64 044	21 924,104	216 717,401	9,885	9,424
73	72	61 534	20 753,616	194 793,297	9,386	8,925
74	73	58 931	19 582,051	174 039,681	8,888	8,427
75	74	56 225	18 406,680	154 457,630	8,391	7,931
76	75	53 382	17 217,799	136 050,950	7,902	7,441
77	76	50 393	16 013,539	118 833,151	7,421	6,960
78	77	47 260	14 795,868	102 819,612	6,949	6,488
79	78	43 972	13 563,167	88 023,744	6,490	6,029
80	79	40 502	12 308,291	74 460,577	6,050	5,589
81	80	36 874	11 040,116	62 152,286	5,630	5,169
82	81	33 099	9 763,314	51 112,170	5,235	4,774
83	82	29 275	8 507,651	41 348,856	4,860	4,399
84	83	25 443	7 284,941	32 841,205	4,508	4,047
85	84	21 681	6 115,989	25 556,264	4,179	3,718
86	85	18 049	5 016,268	19 440,274	3,875	3,415
87	86	14 656	4 013,142	14 424,007	3,594	3,133
88	87	11 578	3 123,240	10 410,864	3,333	2,873
89	88	8 871	2 357,677	7 287,624	3,091	2,630
90	89	6 577	1 722,112	4 929,947	2,863	2,402
91	90	4 689	1 209,778	3 207,835	2,652	2,191
92	91	3 187	810,017	1 998,058	2,467	2,006
93	92	2 059	515,502	1 188,041	2,305	1,844
94	93	1 265	312,014	672,539	2,155	1,695
95	94	727	176,608	360,526	2,041	1,581
96	95	397	95,027	183,918	1,935	1,475
97	96	205	48,329	88,891	1,839	1,378
98	97	99	23,026	40,562	1,762	1,301
99	98	46	10,470	17,536	1,675	1,214
100	99	20	4,413	7,066	1,601	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	96 695,573	4 280 628,231	44,269	43,808
3	1	99 297	94 959,878	4 183 932,658	44,060	43,599
4	2	99 262	93 522,871	4 088 972,780	43,722	43,261
5	3	99 238	92 119,102	3 995 449,909	43,373	42,912
6	4	99 217	90 738,372	3 903 330,807	43,017	42,557
7	5	99 198	89 380,012	3 812 592,435	42,656	42,195
8	6	99 182	88 045,107	3 723 212,423	42,288	41,827
9	7	99 168	86 731,172	3 635 167,316	41,913	41,452
10	8	99 155	85 438,347	3 548 436,144	41,532	41,071
11	9	99 141	84 164,027	3 462 997,797	41,146	40,685
12	10	99 126	82 907,453	3 378 833,770	40,754	40,293
13	11	99 112	81 670,980	3 295 926,317	40,356	39,895
14	12	99 095	80 450,332	3 214 255,337	39,953	39,492
15	13	99 075	79 245,568	3 133 805,005	39,545	39,085
16	14	99 052	78 056,025	3 054 559,437	39,133	38,672
17	15	99 016	76 874,612	2 976 503,412	38,719	38,258
18	16	98 975	75 706,855	2 899 628,800	38,301	37,840
19	17	98 923	74 548,921	2 823 921,945	37,880	37,419
20	18	98 867	73 405,794	2 749 373,024	37,454	36,994
21	19	98 802	72 273,661	2 675 967,230	37,025	36,565
22	20	98 739	71 159,996	2 603 693,569	36,589	36,128
23	21	98 676	70 063,774	2 532 533,573	36,146	35,685
24	22	98 615	68 985,227	2 462 469,799	35,696	35,235
25	23	98 550	67 921,131	2 393 484,572	35,239	34,778
26	24	98 481	66 870,661	2 325 563,441	34,777	34,316
27	25	98 418	65 840,042	2 258 692,780	34,306	33,845
28	26	98 347	64 820,717	2 192 852,739	33,830	33,369
29	27	98 278	63 817,461	2 128 032,022	33,346	32,885
30	28	98 200	62 824,618	2 064 214,561	32,857	32,396
31	29	98 119	61 845,089	2 001 389,942	32,361	31,901
32	30	98 026	60 873,423	1 939 544,854	31,862	31,401
33	31	97 928	59 914,007	1 878 671,430	31,356	30,895
34	32	97 827	58 967,836	1 818 757,423	30,843	30,382
35	33	97 715	58 029,461	1 759 789,587	30,326	29,865
36	34	97 593	57 100,791	1 701 760,126	29,803	29,342
37	35	97 468	56 185,038	1 644 659,335	29,272	28,811
38	36	97 338	55 280,592	1 588 474,298	28,735	28,274
39	37	97 190	54 380,970	1 533 193,706	28,194	27,733
40	38	97 039	53 494,206	1 478 812,736	27,644	27,184
41	39	96 861	52 606,591	1 425 318,530	27,094	26,633
42	40	96 675	51 729,671	1 372 711,939	26,536	26,075
43	41	96 465	50 854,715	1 320 982,268	25,976	25,515
44	42	96 234	49 982,957	1 270 127,553	25,411	24,950
45	43	95 981	49 115,081	1 220 144,596	24,843	24,382
46	44	95 699	48 246,864	1 171 029,515	24,272	23,811
47	45	95 392	47 381,624	1 122 782,651	23,697	23,236
48	46	95 050	46 513,587	1 075 401,027	23,120	22,659
49	47	94 664	45 640,552	1 028 887,441	22,543	22,082
50	48	94 231	44 760,301	983 246,888	21,967	21,506
51	49	93 750	43 873,399	938 486,588	21,391	20,930
52	50	93 218	42 980,135	894 613,189	20,815	20,354
53	51	92 623	42 074,492	851 633,054	20,241	19,780
54	52	91 958	41 154,902	809 558,562	19,671	19,210
55	53	91 221	40 221,688	768 403,661	19,104	18,643
56	54	90 412	39 275,998	728 181,972	18,540	18,079
57	55	89 524	38 315,594	688 905,975	17,980	17,519
58	56	88 555	37 340,574	650 590,381	17,423	16,962
59	57	87 489	36 346,217	613 249,807	16,872	16,412
60	58	86 334	35 336,194	576 903,590	16,326	15,865
61	59	85 090	34 312,409	541 567,396	15,783	15,323
62	60	83 749	33 272,384	507 254,987	15,246	14,785
63	61	82 287	32 208,573	473 982,604	14,716	14,255
64	62	80 757	31 142,675	441 774,031	14,185	13,725
65	63	79 121	30 060,606	410 631,355	13,660	13,199
66	64	77 392	28 969,238	380 570,750	13,137	12,676
67	65	75 572	27 870,007	351 601,512	12,616	12,155
68	66	73 621	26 749,106	323 731,505	12,103	11,642
69	67	71 613	25 634,993	296 982,399	11,585	11,124
70	68	69 455	24 495,201	271 347,406	11,078	10,617
71	69	67 205	23 351,522	246 852,205	10,571	10,110
72	70	64 834	22 194,511	223 500,682	10,070	9,609
73	71	62 369	21 035,286	201 306,171	9,570	9,109
74	72	59 793	19 868,340	180 270,885	9,073	8,612
75	73	57 109	18 696,148	160 402,544	8,579	8,119
76	74	54 311	17 517,496	141 706,397	8,089	7,629
77	75	51 373	16 324,812	124 188,901	7,607	7,147
78	76	48 314	15 126,010	107 864,088	7,131	6,670
79	77	45 074	13 903,125	92 738,079	6,670	6,210
80	78	41 673	12 664,156	78 834,954	6,225	5,764
81	79	38 130	11 415,967	66 170,797	5,796	5,336
82	80	34 421	10 153,281	54 754,830	5,393	4,932
83	81	30 624	8 899,800	44 601,549	5,012	4,551
84	82	26 792	7 671,117	35 701,750	4,654	4,193
85	83	23 018	6 493,122	28 030,633	4,317	3,856
86	84	19 350	5 377,766	21 537,511	4,005	3,544
87	85	15 883	4 348,976	16 159,745	3,716	3,255
88	86	12 707	3 428,017	11 810,769	3,445	2,985
89	87	9 869	2 623,110	8 382,751	3,196	2,735
90	88	7 430	1 945,504	5 759,641	2,960	2,500
91	89	5 396	1 392,018	3 814,137	2,740	2,279
92	90	3 740	950,653	2 422,119	2,548	2,087
93	91	2 472	619,099	1 471,466	2,377	1,916
94	92	1 557	384,044	852,367	2,219	1,759
95	93	919	223,328	468,323	2,097	1,636
96	94	519	124,246	244,995	1,972	1,511
97	95	273	64,355	120,749	1,876	1,415
98	96	136	31,520	56,394	1,789	1,328
99	97	63	14,483	24,874	1,717	1,257
100	98	28	6,347	10,391	1,637	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	95 251,716	4 194 650,127	44,038	43,577
4	1	99 285	93 544,485	4 099 398,411	43,823	43,362
5	2	99 250	92 130,073	4 005 853,926	43,480	43,020
6	3	99 229	90 749,184	3 913 723,853	43,127	42,666
7	4	99 207	89 388,140	3 822 974,669	42,768	42,307
8	5	99 190	88 051,710	3 733 586,530	42,402	41,941
9	6	99 174	86 736,881	3 645 534,819	42,030	41,569
10	7	99 160	85 442,559	3 558 797,938	41,651	41,191
11	8	99 147	84 169,238	3 473 355,379	41,266	40,806
12	9	99 132	82 912,818	3 389 186,141	40,877	40,416
13	10	99 118	81 675,820	3 306 273,323	40,480	40,020
14	11	99 103	80 456,325	3 224 597,503	40,079	39,618
15	12	99 083	79 251,838	3 144 141,179	39,673	39,212
16	13	99 060	78 062,716	3 064 889,341	39,262	38,801
17	14	99 026	76 882,680	2 986 826,624	38,849	38,388
18	15	98 987	75 716,327	2 909 943,944	38,432	37,971
19	16	98 937	74 559,441	2 834 227,617	38,013	37,552
20	17	98 881	73 416,544	2 759 668,176	37,589	37,128
21	18	98 822	72 288,382	2 686 251,632	37,160	36,699
22	19	98 758	71 173,734	2 613 963,250	36,727	36,266
23	20	98 694	70 076,750	2 542 789,516	36,286	35,825
24	21	98 631	68 996,650	2 472 712,766	35,838	35,377
25	22	98 567	67 932,886	2 403 716,116	35,384	34,923
26	23	98 502	66 885,174	2 335 783,229	34,922	34,461
27	24	98 434	65 851,208	2 268 898,055	34,455	33,994
28	25	98 366	64 832,806	2 203 046,847	33,980	33,520
29	26	98 297	63 829,880	2 138 214,042	33,499	33,038
30	27	98 221	62 838,344	2 074 384,161	33,011	32,551
31	28	98 143	61 860,516	2 011 545,817	32,517	32,057
32	29	98 051	60 889,180	1 949 685,301	32,020	31,559
33	30	97 957	59 931,803	1 888 796,120	31,516	31,055
34	31	97 859	58 986,664	1 828 864,317	31,005	30,544
35	32	97 749	58 049,607	1 769 877,653	30,489	30,028
36	33	97 628	57 121,128	1 711 828,046	29,968	29,508
37	34	97 507	56 207,021	1 654 706,918	29,440	28,979
38	35	97 377	55 302,851	1 598 499,897	28,904	28,444
39	36	97 236	54 406,478	1 543 197,046	28,364	27,903
40	37	97 084	53 518,837	1 488 790,568	27,818	27,357
41	38	96 918	52 637,418	1 435 271,731	27,267	26,806
42	39	96 732	51 760,505	1 382 634,313	26,712	26,251
43	40	96 531	50 889,253	1 330 873,808	26,152	25,692
44	41	96 307	50 021,116	1 279 984,555	25,589	25,128
45	42	96 061	49 155,871	1 229 963,438	25,022	24,561
46	43	95 785	48 290,322	1 180 807,567	24,452	23,991
47	44	95 490	47 430,004	1 132 517,246	23,878	23,417
48	45	95 155	46 565,365	1 085 087,241	23,302	22,842
49	46	94 785	45 698,577	1 038 521,876	22,725	22,265
50	47	94 367	44 824,558	992 823,299	22,149	21,688
51	48	93 900	43 943,690	947 998,740	21,573	21,112
52	49	93 388	43 058,132	904 055,050	20,996	20,535
53	50	92 806	42 157,570	860 996,918	20,423	19,963
54	51	92 161	41 246,005	818 839,348	19,853	19,392
55	52	91 445	40 320,688	777 593,342	19,285	18,824
56	53	90 660	39 383,639	737 272,655	18,720	18,259
57	54	89 794	38 431,258	697 889,016	18,159	17,699
58	55	88 849	37 464,709	659 457,758	17,602	17,141
59	56	87 807	36 478,228	621 993,049	17,051	16,590
60	57	86 680	35 477,832	585 514,822	16,504	16,043
61	58	85 467	34 464,416	550 036,990	15,960	15,499
62	59	84 155	33 433,869	515 572,574	15,421	14,960
63	60	82 733	32 383,151	482 138,705	14,889	14,428
64	61	81 212	31 317,903	449 755,554	14,361	13,900
65	62	79 604	30 244,390	418 437,651	13,835	13,374
66	63	77 905	29 161,248	388 193,262	13,312	12,851
67	64	76 127	28 074,596	359 032,014	12,789	12,328
68	65	74 215	26 965,155	330 957,418	12,274	11,813
69	66	72 244	25 860,899	303 992,262	11,755	11,294
70	67	70 135	24 734,992	278 131,363	11,244	10,784
71	68	67 899	23 592,515	253 396,371	10,741	10,280
72	69	65 566	22 445,274	229 803,856	10,238	9,778
73	70	63 138	21 294,731	207 358,582	9,738	9,277
74	71	60 604	20 137,996	186 063,851	9,239	8,779
75	72	57 944	18 969,485	165 925,855	8,747	8,286
76	73	55 166	17 792,980	146 956,370	8,259	7,798
77	74	52 267	16 608,965	129 163,390	7,777	7,316
78	75	49 253	15 420,032	112 554,425	7,299	6,838
79	76	46 080	14 213,346	97 134,393	6,834	6,373
80	77	42 718	12 981,580	82 921,047	6,388	5,927
81	78	39 232	11 746,034	69 939,466	5,954	5,494
82	79	35 593	10 498,940	58 193,432	5,543	5,082
83	80	31 847	9 255,276	47 694,492	5,153	4,692
84	81	28 027	8 024,706	38 439,216	4,790	4,329
85	82	24 238	6 837,324	30 414,510	4,448	3,988
86	83	20 543	5 709,378	23 577,186	4,130	3,669
87	84	17 028	4 662,386	17 867,809	3,832	3,372
88	85	13 771	3 714,886	13 205,423	3,555	3,094
89	86	10 833	2 879,082	9 490,537	3,296	2,836
90	87	8 266	2 164,533	6 611,455	3,054	2,594
91	88	6 096	1 572,591	4 446,921	2,828	2,367
92	89	4 304	1 093,859	2 874,330	2,628	2,167
93	90	2 902	726,588	1 780,471	2,450	1,990
94	91	1 869	461,223	1 053,883	2,285	1,824
95	92	1 131	274,884	592,660	2,156	1,695
96	93	656	157,114	317,775	2,023	1,562
97	94	357	84,144	160,661	1,909	1,449
98	95	181	41,972	76,517	1,823	1,362
99	96	87	19,825	34,545	1,742	1,282
100	97	39	8,779	14,719	1,677	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	93 831,973	4 109 309,625	43,794	43,334
5	1	99 273	92 151,365	4 015 477,652	43,575	43,114
6	2	99 241	90 759,991	3 923 326,286	43,227	42,767
7	3	99 219	89 398,791	3 832 566,295	42,870	42,410
8	4	99 199	88 059,718	3 743 167,505	42,507	42,046
9	5	99 182	86 743,387	3 655 107,787	42,137	41,676
10	6	99 166	85 448,184	3 568 364,400	41,761	41,300
11	7	99 152	84 173,387	3 482 916,216	41,378	40,917
12	8	99 138	82 917,952	3 398 742,829	40,989	40,528
13	9	99 124	81 681,105	3 315 824,877	40,595	40,134
14	10	99 108	80 461,092	3 234 143,773	40,195	39,734
15	11	99 091	79 257,741	3 153 682,680	39,790	39,329
16	12	99 068	78 068,893	3 074 424,939	39,381	38,920
17	13	99 035	76 889,271	2 996 356,046	38,970	38,509
18	14	98 997	75 724,273	2 919 466,775	38,554	38,093
19	15	98 949	74 568,770	2 843 742,502	38,136	37,675
20	16	98 895	73 426,905	2 769 173,732	37,713	37,253
21	17	98 837	72 298,968	2 695 746,827	37,286	36,825
22	18	98 778	71 188,231	2 623 447,859	36,852	36,391
23	19	98 714	70 090,279	2 552 259,629	36,414	35,953
24	20	98 649	69 009,429	2 482 169,349	35,969	35,508
25	21	98 583	67 944,135	2 413 159,921	35,517	35,056
26	22	98 519	66 896,750	2 345 215,786	35,057	34,596
27	23	98 456	65 865,500	2 278 319,036	34,590	34,130
28	24	98 382	64 843,801	2 212 453,536	34,120	33,659
29	25	98 315	63 841,784	2 147 609,734	33,640	33,179
30	26	98 240	62 850,573	2 083 767,950	33,154	32,694
31	27	98 165	61 874,032	2 020 917,377	32,662	32,201
32	28	98 076	60 904,370	1 959 043,345	32,166	31,705
33	29	97 983	59 947,316	1 898 138,976	31,663	31,203
34	30	97 888	59 004,185	1 838 191,660	31,154	30,693
35	31	97 780	58 068,142	1 779 187,475	30,640	30,179
36	32	97 662	57 140,959	1 721 119,333	30,121	29,660
37	33	97 541	56 227,041	1 663 978,374	29,594	29,133
38	34	97 415	55 324,489	1 607 751,334	29,060	28,600
39	35	97 275	54 428,385	1 552 426,845	28,522	28,062
40	36	97 130	53 543,941	1 497 998,460	27,977	27,516
41	37	96 962	52 661,654	1 444 454,519	27,429	26,968
42	38	96 789	51 790,837	1 391 792,865	26,873	26,413
43	39	96 588	50 919,586	1 340 002,028	26,316	25,855
44	40	96 373	50 055,089	1 289 082,442	25,753	25,292
45	41	96 134	49 193,399	1 239 027,353	25,187	24,726
46	42	95 865	48 330,427	1 189 833,955	24,619	24,158
47	43	95 576	47 472,727	1 141 503,528	24,045	23,585
48	44	95 252	46 612,912	1 094 030,801	23,471	23,010
49	45	94 890	45 749,449	1 047 417,889	22,895	22,434
50	46	94 487	44 881,546	1 001 668,440	22,318	21,857
51	47	94 035	44 006,776	956 786,894	21,742	21,281
52	48	93 537	43 127,118	912 780,119	21,165	20,704
53	49	92 974	42 234,075	869 653,001	20,591	20,130
54	50	92 343	41 327,448	827 418,926	20,021	19,560
55	51	91 647	40 409,944	786 091,478	19,453	18,992
56	52	90 883	39 480,575	745 681,534	18,887	18,427
57	53	90 040	38 536,584	706 200,959	18,325	17,865
58	54	89 117	37 577,804	667 664,375	17,768	17,307
59	55	88 099	36 599,496	630 086,571	17,216	16,755
60	56	86 995	35 606,688	593 487,075	16,668	16,207
61	57	85 810	34 602,559	557 880,386	16,123	15,662
62	58	84 528	33 581,985	523 277,827	15,582	15,121
63	59	83 135	32 540,321	489 695,843	15,049	14,588
64	60	81 652	31 487,653	457 155,522	14,519	14,058
65	61	80 052	30 414,562	425 667,869	13,996	13,535
66	62	78 381	29 339,533	395 253,306	13,472	13,011
67	63	76 632	28 260,676	365 913,773	12,948	12,487
68	64	74 760	27 163,102	337 653,097	12,431	11,970
69	65	72 827	26 069,775	310 489,995	11,910	11,449
70	66	70 753	24 952,967	284 420,220	11,398	10,937
71	67	68 564	23 823,469	259 467,253	10,891	10,430
72	68	66 243	22 676,914	235 643,784	10,391	9,931
73	69	63 852	21 535,328	212 966,870	9,889	9,428
74	70	61 352	20 386,373	191 431,542	9,390	8,929
75	71	58 730	19 226,941	171 045,169	8,896	8,435
76	72	55 972	18 053,113	151 818,228	8,410	7,949
77	73	53 089	16 870,162	133 765,115	7,929	7,468
78	74	50 111	15 688,436	116 894,952	7,451	6,990
79	75	46 976	14 489,628	101 206,516	6,985	6,524
80	76	43 671	13 271,240	86 716,889	6,534	6,073
81	77	40 215	12 040,445	73 445,649	6,100	5,639
82	78	36 622	10 802,493	61 405,204	5,684	5,224
83	79	32 931	9 570,364	50 602,711	5,287	4,827
84	80	29 146	8 345,229	41 032,347	4,917	4,456
85	81	25 355	7 152,480	32 687,117	4,570	4,109
86	82	21 632	6 012,033	25 534,637	4,247	3,786
87	83	18 078	4 949,885	19 522,604	3,944	3,483
88	84	14 763	3 982,600	14 572,720	3,659	3,198
89	85	11 739	3 120,014	10 590,120	3,394	2,933
90	86	9 073	2 375,756	7 470,106	3,144	2,684
91	87	6 782	1 749,637	5 094,349	2,912	2,451
92	88	4 862	1 235,755	3 344,713	2,707	2,246
93	89	3 339	836,041	2 108,958	2,523	2,062
94	90	2 194	541,302	1 272,917	2,352	1,891
95	91	1 358	330,126	731,615	2,216	1,755
96	92	808	193,386	401,489	2,076	1,615
97	93	451	106,403	208,104	1,956	1,495
98	94	236	54,878	101,701	1,853	1,392
99	95	115	26,400	46,822	1,774	1,313
100	96	53	12,018	20,423	1,699	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	92 434,572	4 024 629,623	43,540	43,080
6	1	99 264	90 780,967	3 932 195,051	43,315	42,854
7	2	99 231	89 409,437	3 841 414,085	42,964	42,504
8	3	99 210	88 070,210	3 752 004,647	42,602	42,142
9	4	99 191	86 751,275	3 663 934,437	42,235	41,774
10	5	99 174	85 454,592	3 577 183,162	41,861	41,400
11	6	99 158	84 178,928	3 491 728,570	41,480	41,019
12	7	99 143	82 922,040	3 407 549,641	41,093	40,633
13	8	99 130	81 686,162	3 324 627,602	40,700	40,239
14	9	99 115	80 466,299	3 242 941,440	40,302	39,841
15	10	99 096	79 262,438	3 162 475,141	39,899	39,438
16	11	99 076	78 074,708	3 083 212,703	39,491	39,030
17	12	99 043	76 895,355	3 005 137,995	39,081	38,620
18	13	99 006	75 730,765	2 928 242,640	38,666	38,206
19	14	98 959	74 576,596	2 852 511,875	38,249	37,789
20	15	98 908	73 436,092	2 777 935,279	37,828	37,367
21	16	98 851	72 309,171	2 704 499,187	37,402	36,941
22	17	98 793	71 198,656	2 632 190,017	36,970	36,509
23	18	98 734	70 104,555	2 560 991,361	36,531	36,070
24	19	98 668	69 022,752	2 490 886,806	36,088	35,627
25	20	98 601	67 956,719	2 421 864,054	35,638	35,178
26	21	98 536	66 907,827	2 353 907,336	35,181	34,721
27	22	98 473	65 876,900	2 286 999,508	34,716	34,255
28	23	98 404	64 857,875	2 221 122,609	34,246	33,785
29	24	98 332	63 852,612	2 156 264,734	33,769	33,309
30	25	98 259	62 862,294	2 092 412,122	33,286	32,825
31	26	98 184	61 886,073	2 029 549,828	32,795	32,334
32	27	98 097	60 917,676	1 967 663,755	32,300	31,840
33	28	98 007	59 962,270	1 906 746,079	31,799	31,338
34	29	97 913	59 019,458	1 846 783,809	31,291	30,830
35	30	97 809	58 085,389	1 787 764,351	30,778	30,317
36	31	97 693	57 159,204	1 729 678,962	30,261	29,800
37	32	97 575	56 246,561	1 672 519,758	29,736	29,275
38	33	97 450	55 344,194	1 616 273,197	29,204	28,743
39	34	97 313	54 449,681	1 560 929,003	28,667	28,207
40	35	97 169	53 565,500	1 506 479,322	28,124	27,663
41	36	97 008	52 686,356	1 452 913,823	27,577	27,116
42	37	96 834	51 814,683	1 400 227,466	27,024	26,563
43	38	96 645	50 949,425	1 348 412,783	26,466	26,005
44	39	96 430	50 084,924	1 297 463,358	25,905	25,444
45	40	96 200	49 226,809	1 247 378,434	25,339	24,879
46	41	95 938	48 367,324	1 198 151,625	24,772	24,311
47	42	95 655	47 512,153	1 149 784,300	24,200	23,739
48	43	95 338	46 654,899	1 102 272,148	23,626	23,165
49	44	94 987	45 796,163	1 055 617,249	23,050	22,590
50	45	94 592	44 931,508	1 009 821,087	22,475	22,014
51	46	94 154	44 062,724	964 889,579	21,898	21,437
52	47	93 672	43 189,031	920 826,855	21,321	20,860
53	48	93 123	42 301,740	877 637,824	20,747	20,286
54	49	92 511	41 402,446	835 336,085	20,176	19,715
55	50	91 828	40 489,736	793 933,638	19,608	19,147
56	51	91 084	39 567,972	753 443,902	19,042	18,581
57	52	90 262	38 631,436	713 875,930	18,479	18,018
58	53	89 362	37 680,791	675 244,495	17,920	17,459
59	54	88 365	36 709,980	637 563,703	17,368	16,907
60	55	87 284	35 725,059	600 853,724	16,819	16,358
61	56	86 121	34 728,236	565 128,664	16,273	15,812
62	57	84 867	33 716,591	530 400,428	15,731	15,270
63	58	83 503	32 684,478	496 683,837	15,196	14,736
64	59	82 048	31 640,477	463 999,359	14,665	14,204
65	60	80 486	30 579,417	432 358,883	14,139	13,678
66	61	78 822	29 504,615	401 779,466	13,618	13,157
67	62	77 100	28 433,456	372 274,851	13,093	12,632
68	63	75 256	27 343,141	343 841,395	12,575	12,114
69	64	73 362	26 261,149	316 498,255	12,052	11,591
70	65	71 325	25 154,509	290 237,106	11,538	11,077
71	66	69 168	24 033,411	265 082,597	11,030	10,569
72	67	66 891	22 898,905	241 049,186	10,527	10,066
73	68	64 511	21 757,577	218 150,281	10,026	9,566
74	69	62 045	20 616,707	196 392,704	9,526	9,065
75	70	59 455	19 464,082	175 775,996	9,031	8,570
76	71	56 732	18 298,132	156 311,915	8,543	8,082
77	72	53 865	17 116,804	138 013,783	8,063	7,602
78	73	50 899	15 935,156	120 896,979	7,587	7,126
79	74	47 794	14 741,837	104 961,823	7,120	6,659
80	75	44 520	13 529,208	90 219,986	6,669	6,208
81	76	41 113	12 309,105	76 690,777	6,230	5,770
82	77	37 540	11 073,255	64 381,672	5,814	5,353
83	78	33 884	9 847,069	53 308,418	5,414	4,953
84	79	30 139	8 629,336	43 461,349	5,036	4,576
85	80	26 368	7 438,165	34 832,013	4,683	4,222
86	81	22 629	6 289,149	27 393,848	4,356	3,895
87	82	19 036	5 212,279	21 104,699	4,049	3,588
88	83	15 673	4 228,181	15 892,420	3,759	3,298
89	84	12 585	3 344,859	11 664,240	3,487	3,026
90	85	9 832	2 574,568	8 319,381	3,231	2,771
91	86	7 444	1 920,372	5 744,813	2,992	2,531
92	87	5 409	1 374,879	3 824,441	2,782	2,321
93	88	3 772	944,492	2 449,561	2,594	2,133
94	89	2 525	622,843	1 505,069	2,416	1,956
95	90	1 594	387,443	882,226	2,277	1,816
96	91	970	232,249	494,783	2,130	1,670
97	92	555	130,967	262,534	2,005	1,544
98	93	299	69,396	131,567	1,896	1,435
99	94	151	34,517	62,171	1,801	1,340
100	95	71	16,003	27,654	1,728	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	91 059,962	3 940 635,642	43,275	42,814
7	1	99 254	89 430,101	3 849 575,680	43,046	42,585
8	2	99 222	88 080,699	3 760 145,579	42,690	42,229
9	3	99 202	86 761,612	3 672 064,880	42,324	41,863
10	4	99 183	85 462,363	3 585 303,269	41,952	41,491
11	5	99 166	84 185,242	3 499 840,905	41,573	41,112
12	6	99 150	82 927,498	3 415 655,663	41,188	40,728
13	7	99 135	81 690,189	3 332 728,165	40,797	40,336
14	8	99 121	80 471,281	3 251 037,976	40,400	39,939
15	9	99 103	79 267,567	3 170 566,695	39,998	39,537
16	10	99 082	78 079,335	3 091 299,128	39,592	39,131
17	11	99 050	76 901,083	3 013 219,793	39,183	38,722
18	12	99 014	75 736,757	2 936 318,710	38,770	38,309
19	13	98 968	74 582,989	2 860 581,953	38,354	37,894
20	14	98 918	73 443,799	2 785 998,965	37,934	37,473
21	15	98 863	72 318,218	2 712 555,166	37,509	37,048
22	16	98 807	71 208,703	2 640 236,948	37,077	36,617
23	17	98 748	70 114,822	2 569 028,245	36,640	36,180
24	18	98 688	69 036,810	2 498 913,423	36,197	35,736
25	19	98 621	67 969,838	2 429 876,613	35,749	35,289
26	20	98 554	66 920,219	2 361 906,775	35,294	34,834
27	21	98 489	65 887,808	2 294 986,556	34,832	34,371
28	22	98 421	64 869,100	2 229 098,748	34,363	33,902
29	23	98 353	63 866,470	2 164 229,648	33,887	33,426
30	24	98 275	62 872,956	2 100 363,178	33,406	32,946
31	25	98 202	61 897,614	2 037 490,223	32,917	32,456
32	26	98 116	60 929,531	1 975 592,608	32,424	31,963
33	27	98 028	59 975,371	1 914 663,077	31,924	31,463
34	28	97 937	59 034,181	1 854 687,707	31,417	30,956
35	29	97 834	58 100,425	1 795 653,526	30,906	30,445
36	30	97 722	57 176,182	1 737 553,101	30,389	29,929
37	31	97 606	56 264,520	1 680 376,920	29,866	29,405
38	32	97 484	55 363,408	1 624 112,400	29,335	28,875
39	33	97 348	54 469,074	1 568 748,992	28,801	28,340
40	34	97 207	53 586,458	1 514 279,918	28,259	27,798
41	35	97 047	52 707,570	1 460 693,459	27,713	27,252
42	36	96 879	51 838,988	1 407 985,889	27,161	26,700
43	37	96 689	50 972,884	1 356 146,902	26,605	26,144
44	38	96 487	50 114,274	1 305 174,017	26,044	25,583
45	39	96 257	49 256,151	1 255 059,743	25,480	25,019
46	40	96 003	48 400,173	1 205 803,592	24,913	24,452
47	41	95 728	47 548,425	1 157 403,419	24,342	23,881
48	42	95 417	46 693,645	1 109 854,993	23,769	23,308
49	43	95 073	45 837,413	1 063 161,348	23,194	22,733
50	44	94 688	44 977,387	1 017 323,935	22,619	22,158
51	45	94 259	44 111,774	972 346,548	22,043	21,582
52	46	93 791	43 243,939	928 234,774	21,465	21,004
53	47	93 257	42 362,468	884 990,835	20,891	20,430
54	48	92 659	41 468,779	842 628,367	20,320	19,859
55	49	91 995	40 563,214	801 159,588	19,751	19,290
56	50	91 264	39 646,101	760 596,374	19,185	18,724
57	51	90 462	38 716,953	720 950,273	18,621	18,160
58	52	89 581	37 773,537	682 233,320	18,061	17,600
59	53	88 607	36 810,588	644 459,783	17,507	17,047
60	54	87 548	35 832,903	607 649,195	16,958	16,497
61	55	86 408	34 843,687	571 816,292	16,411	15,950
62	56	85 175	33 839,050	536 972,605	15,868	15,408
63	57	83 838	32 815,486	503 133,554	15,332	14,871
64	58	82 412	31 780,647	470 318,068	14,799	14,338
65	59	80 877	30 727,832	438 537,421	14,272	13,811
66	60	79 249	29 664,537	407 809,589	13,747	13,287
67	61	77 534	28 593,439	378 145,052	13,225	12,764
68	62	75 716	27 510,311	349 551,613	12,706	12,245
69	63	73 848	26 435,209	322 041,302	12,182	11,721
70	64	71 848	25 339,164	295 606,092	11,666	11,205
71	65	69 727	24 227,526	270 266,928	11,155	10,695
72	66	67 481	23 100,700	246 039,402	10,651	10,190
73	67	65 142	21 970,569	222 938,703	10,147	9,686
74	68	62 685	20 829,476	200 968,134	9,648	9,187
75	69	60 127	19 683,995	180 138,658	9,152	8,691
76	70	57 431	18 523,817	160 454,663	8,662	8,201
77	71	54 596	17 349,115	141 930,846	8,181	7,720
78	72	51 643	16 168,128	124 581,731	7,705	7,245
79	73	48 545	14 973,671	108 413,603	7,240	6,779
80	74	45 295	13 764,700	93 439,932	6,788	6,328
81	75	41 912	12 548,371	79 675,232	6,349	5,889
82	76	38 377	11 320,333	67 126,860	5,930	5,469
83	77	34 733	10 093,883	55 806,527	5,529	5,068
84	78	31 010	8 878,833	45 712,644	5,148	4,688
85	79	27 266	7 691,391	36 833,811	4,789	4,328
86	80	23 533	6 540,350	29 142,420	4,456	3,995
87	81	19 913	5 452,531	22 602,069	4,145	3,684
88	82	16 504	4 452,317	17 149,538	3,852	3,391
89	83	13 361	3 551,114	12 697,221	3,576	3,115
90	84	10 541	2 760,105	9 146,107	3,314	2,853
91	85	8 067	2 081,076	6 386,002	3,069	2,608
92	86	5 937	1 509,045	4 304,926	2,853	2,392
93	87	4 196	1 050,825	2 795,881	2,661	2,200
94	88	2 852	703,638	1 745,056	2,480	2,019
95	89	1 834	445,808	1 041,418	2,336	1,875
96	90	1 138	272,572	595,610	2,185	1,724
97	91	667	157,286	323,038	2,054	1,593
98	92	367	85,416	165,751	1,941	1,480
99	93	191	43,649	80,335	1,840	1,380
100	94	93	20,924	36,686	1,753	1,293

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	89 704,944	3 857 352,815	43,000	42,540
8	1	99 245	88 101,055	3 767 647,871	42,765	42,304
9	2	99 214	86 771,944	3 679 546,815	42,405	41,944
10	3	99 194	85 472,547	3 592 774,871	42,034	41,573
11	4	99 175	84 192,897	3 507 302,324	41,658	41,197
12	5	99 157	82 933,718	3 423 109,427	41,275	40,814
13	6	99 142	81 695,567	3 340 175,709	40,886	40,425
14	7	99 126	80 475,248	3 258 480,142	40,490	40,030
15	8	99 109	79 272,475	3 178 004,894	40,090	39,629
16	9	99 088	78 084,387	3 098 732,419	39,684	39,224
17	10	99 056	76 905,640	3 020 648,032	39,277	38,817
18	11	99 021	75 742,398	2 943 742,392	38,865	38,404
19	12	98 976	74 588,890	2 867 999,994	38,451	37,990
20	13	98 927	73 450,095	2 793 411,104	38,031	37,571
21	14	98 874	72 325,807	2 719 961,009	37,607	37,146
22	15	98 819	71 217,613	2 647 635,202	37,177	36,716
23	16	98 762	70 124,716	2 576 417,589	36,741	36,280
24	17	98 703	69 046,920	2 506 292,873	36,298	35,838
25	18	98 641	67 983,683	2 437 245,953	35,850	35,390
26	19	98 573	66 933,138	2 369 262,270	35,397	34,937
27	20	98 507	65 900,010	2 302 329,131	34,937	34,476
28	21	98 437	64 879,841	2 236 429,121	34,470	34,010
29	22	98 370	63 877,524	2 171 549,280	33,996	33,535
30	23	98 297	62 886,601	2 107 671,756	33,515	33,055
31	24	98 219	61 908,112	2 044 785,155	33,029	32,569
32	25	98 135	60 940,894	1 982 877,043	32,538	32,077
33	26	98 048	59 987,043	1 921 936,149	32,039	31,578
34	27	97 959	59 047,078	1 861 949,106	31,533	31,073
35	28	97 859	58 114,918	1 802 902,028	31,023	30,562
36	29	97 747	57 190,981	1 744 787,110	30,508	30,047
37	30	97 635	56 281,232	1 687 596,129	29,985	29,524
38	31	97 515	55 381,085	1 631 314,897	29,456	28,995
39	32	97 381	54 487,984	1 575 933,812	28,923	28,462
40	33	97 241	53 605,544	1 521 445,827	28,382	27,921
41	34	97 085	52 728,193	1 467 840,283	27,838	27,377
42	35	96 918	51 859,860	1 415 112,090	27,287	26,826
43	36	96 735	50 996,794	1 363 252,230	26,732	26,271
44	37	96 531	50 137,349	1 312 255,436	26,173	25,712
45	38	96 313	49 285,015	1 262 118,087	25,609	25,148
46	39	96 060	48 429,023	1 212 833,072	25,044	24,583
47	40	95 793	47 580,718	1 164 404,049	24,472	24,011
48	41	95 490	46 729,293	1 116 823,331	23,900	23,439
49	42	95 152	45 875,481	1 070 094,037	23,326	22,865
50	43	94 774	45 017,900	1 024 218,556	22,751	22,291
51	44	94 355	44 156,816	979 200,657	22,176	21,715
52	45	93 895	43 292,078	935 043,841	21,598	21,138
53	46	93 376	42 416,325	891 751,763	21,024	20,563
54	47	92 792	41 528,311	849 335,437	20,452	19,991
55	48	92 142	40 628,202	807 807,126	19,883	19,422
56	49	91 429	39 718,049	767 178,924	19,316	18,855
57	50	90 640	38 793,402	727 460,876	18,752	18,291
58	51	89 780	37 857,155	688 667,474	18,191	17,730
59	52	88 825	36 901,192	650 810,319	17,637	17,176
60	53	87 788	35 931,108	613 909,127	17,086	16,625
61	54	86 669	34 948,871	577 978,019	16,538	16,077
62	55	85 458	33 951,545	543 029,149	15,994	15,533
63	56	84 142	32 934,673	509 077,604	15,457	14,996
64	57	82 742	31 908,033	476 142,931	14,922	14,462
65	58	81 235	30 863,959	444 234,898	14,393	13,933
66	59	79 634	29 808,512	413 370,938	13,868	13,407
67	60	77 954	28 748,423	383 562,426	13,342	12,881
68	61	76 142	27 665,100	354 814,004	12,825	12,365
69	62	74 300	26 596,828	327 148,903	12,300	11,840
70	63	72 324	25 507,113	300 552,075	11,783	11,322
71	64	70 238	24 405,377	275 044,962	11,270	10,809
72	65	68 026	23 287,281	250 639,585	10,763	10,302
73	66	65 716	22 164,182	227 352,304	10,258	9,797
74	67	63 299	21 033,382	205 188,122	9,755	9,295
75	68	60 747	19 887,138	184 154,740	9,260	8,799
76	69	58 080	18 733,107	164 267,602	8,769	8,308
77	70	55 270	17 563,095	145 534,495	8,286	7,826
78	71	52 344	16 387,563	127 971,400	7,809	7,348
79	72	49 255	15 192,586	111 583,836	7,345	6,884
80	73	46 007	13 981,167	96 391,250	6,894	6,434
81	74	42 641	12 766,791	82 410,083	6,455	5,994
82	75	39 123	11 540,380	69 643,292	6,035	5,574
83	76	35 508	10 319,109	58 102,912	5,631	5,170
84	77	31 787	9 101,379	47 783,803	5,250	4,789
85	78	28 054	7 913,770	38 682,424	4,888	4,427
86	79	24 334	6 763,011	30 768,655	4,550	4,089
87	80	20 709	5 670,317	24 005,643	4,234	3,773
88	81	17 265	4 657,540	18 335,327	3,937	3,476
89	82	14 069	3 739,359	13 677,786	3,658	3,197
90	83	11 191	2 930,302	9 938,427	3,392	2,931
91	84	8 648	2 231,049	7 008,125	3,141	2,680
92	85	6 434	1 635,327	4 777,076	2,921	2,460
93	86	4 606	1 153,368	3 141,749	2,724	2,263
94	87	3 173	782,855	1 988,380	2,540	2,079
95	88	2 072	503,638	1 205,525	2,394	1,933
96	89	1 310	313,633	701,887	2,238	1,777
97	90	782	184,595	388,254	2,103	1,642
98	91	441	102,582	203,659	1,985	1,525
99	92	235	53,725	101,077	1,881	1,421
100	93	117	26,459	47,352	1,790	1,329

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	88 371,814	3 774 808,795	42,715	42,254
9	1	99 237	86 791,998	3 686 436,980	42,474	42,014
10	2	99 206	85 482,726	3 599 644,982	42,110	41,649
11	3	99 187	84 202,929	3 514 162,257	41,734	41,274
12	4	99 166	82 941,260	3 429 959,327	41,354	40,893
13	5	99 149	81 701,694	3 347 018,068	40,966	40,506
14	6	99 132	80 480,546	3 265 316,373	40,573	40,112
15	7	99 114	79 276,383	3 184 835,827	40,174	39,713
16	8	99 094	78 089,222	3 105 559,445	39,769	39,309
17	9	99 062	76 910,616	3 027 470,223	39,363	38,903
18	10	99 027	75 746,887	2 950 559,606	38,953	38,492
19	11	98 983	74 594,446	2 874 812,720	38,539	38,078
20	12	98 934	73 455,906	2 800 218,274	38,121	37,660
21	13	98 882	72 332,008	2 726 762,367	37,698	37,237
22	14	98 829	71 225,087	2 654 430,360	37,268	36,807
23	15	98 774	70 133,490	2 583 205,273	36,833	36,372
24	16	98 717	69 056,664	2 513 071,783	36,391	35,931
25	17	98 655	67 993,638	2 444 015,119	35,945	35,484
26	18	98 593	66 946,772	2 376 021,481	35,491	35,030
27	19	98 526	65 912,733	2 309 074,709	35,032	34,572
28	20	98 455	64 891,857	2 243 161,976	34,568	34,107
29	21	98 386	63 888,101	2 178 270,119	34,095	33,634
30	22	98 314	62 897,485	2 114 382,018	33,616	33,156
31	23	98 240	61 921,548	2 051 484,532	33,130	32,670
32	24	98 151	60 951,230	1 989 562,984	32,642	32,181
33	25	98 066	59 998,230	1 928 611,755	32,144	31,684
34	26	97 978	59 058,569	1 868 613,525	31,640	31,179
35	27	97 880	58 127,615	1 809 554,956	31,131	30,670
36	28	97 772	57 205,248	1 751 427,341	30,617	30,156
37	29	97 661	56 295,800	1 694 222,093	30,095	29,634
38	30	97 544	55 397,534	1 637 926,292	29,567	29,106
39	31	97 413	54 505,382	1 582 528,758	29,034	28,574
40	32	97 275	53 624,154	1 528 023,376	28,495	28,034
41	33	97 119	52 746,973	1 474 399,221	27,952	27,492
42	34	96 956	51 880,151	1 421 652,248	27,403	26,942
43	35	96 774	51 017,328	1 369 772,097	26,849	26,388
44	36	96 576	50 160,866	1 318 754,769	26,291	25,830
45	37	96 358	49 307,708	1 268 593,903	25,728	25,267
46	38	96 117	48 457,402	1 219 286,195	25,162	24,701
47	39	95 850	47 609,079	1 170 828,792	24,593	24,132
48	40	95 555	46 761,030	1 123 219,713	24,020	23,560
49	41	95 224	45 910,504	1 076 458,683	23,447	22,986
50	42	94 852	45 055,287	1 030 548,179	22,873	22,412
51	43	94 440	44 196,590	985 492,892	22,298	21,837
52	44	93 991	43 336,283	941 296,302	21,721	21,260
53	45	93 480	42 463,543	897 960,020	21,147	20,686
54	46	92 910	41 581,108	855 496,476	20,574	20,113
55	47	92 275	40 686,528	813 915,368	20,005	19,544
56	48	91 576	39 781,682	773 228,840	19,437	18,976
57	49	90 805	38 863,801	733 447,158	18,872	18,411
58	50	89 957	37 931,906	694 583,357	18,311	17,851
59	51	89 022	36 982,879	656 651,451	17,756	17,295
60	52	88 004	36 019,547	619 668,572	17,204	16,743
61	53	86 906	35 044,653	583 649,025	16,654	16,194
62	54	85 716	34 054,035	548 604,372	16,110	15,649
63	55	84 422	33 044,161	514 550,337	15,572	15,111
64	56	83 043	32 023,924	481 506,176	15,036	14,575
65	57	81 561	30 987,671	449 482,252	14,505	14,044
66	58	79 987	29 940,567	418 494,581	13,978	13,517
67	59	78 332	28 887,952	388 554,015	13,450	12,990
68	60	76 555	27 815,052	359 666,063	12,931	12,470
69	61	74 718	26 746,478	331 851,011	12,407	11,946
70	62	72 766	25 663,058	305 104,534	11,889	11,428
71	63	70 704	24 567,137	279 441,475	11,375	10,914
72	64	68 525	23 458,230	254 874,338	10,865	10,404
73	65	66 247	22 343,199	231 416,109	10,357	9,897
74	66	63 857	21 218,737	209 072,909	9,853	9,392
75	67	61 342	20 081,819	187 854,173	9,354	8,894
76	68	58 680	18 926,437	167 772,354	8,864	8,404
77	69	55 894	17 761,530	148 845,917	8,380	7,919
78	70	52 989	16 589,684	131 084,387	7,902	7,441
79	71	49 923	15 398,781	114 494,702	7,435	6,975
80	72	46 680	14 185,572	99 095,921	6,986	6,525
81	73	43 312	12 967,564	84 910,349	6,548	6,087
82	74	39 804	11 741,254	71 942,785	6,127	5,667
83	75	36 198	10 519,694	60 201,531	5,723	5,262
84	76	32 497	9 304,459	49 681,837	5,340	4,879
85	77	28 757	8 112,127	40 377,379	4,977	4,517
86	78	25 038	6 958,548	32 265,252	4,637	4,176
87	79	21 414	5 863,358	25 306,704	4,316	3,855
88	80	17 955	4 843,572	19 443,346	4,014	3,553
89	81	14 718	3 911,720	14 599,774	3,732	3,272
90	82	11 784	3 085,638	10 688,054	3,464	3,003
91	83	9 181	2 368,623	7 602,416	3,210	2,749
92	84	6 898	1 753,177	5 233,793	2,985	2,525
93	85	4 991	1 249,886	3 480,616	2,785	2,324
94	86	3 483	859,249	2 230,729	2,596	2,135
95	87	2 305	560,338	1 371,480	2,448	1,987
96	88	1 480	354,317	811,142	2,289	1,829
97	89	900	212,402	456,824	2,151	1,690
98	90	518	120,392	244,422	2,030	1,569
99	91	282	64,522	124,030	1,922	1,461
100	92	144	32,567	59,508	1,827	1,366

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	87 058,734	3 693 027,627	42,420	41,959
10	1	99 229	85 502,482	3 605 968,893	42,174	41,713
11	2	99 199	84 212,957	3 520 466,411	41,804	41,344
12	3	99 178	82 951,143	3 436 253,454	41,425	40,964
13	4	99 158	81 709,124	3 353 302,312	41,040	40,579
14	5	99 140	80 486,582	3 271 593,188	40,648	40,187
15	6	99 120	79 281,602	3 191 106,606	40,250	39,789
16	7	99 099	78 093,072	3 111 825,004	39,848	39,387
17	8	99 069	76 915,378	3 033 731,932	39,442	38,982
18	9	99 033	75 751,788	2 956 816,554	39,033	38,572
19	10	98 989	74 598,866	2 881 064,766	38,621	38,160
20	11	98 942	73 461,378	2 806 465,900	38,203	37,742
21	12	98 890	72 337,731	2 733 004,522	37,781	37,320
22	13	98 838	71 231,193	2 660 666,791	37,353	36,892
23	14	98 785	70 140,850	2 589 435,598	36,918	36,457
24	15	98 729	69 065,304	2 519 294,748	36,477	36,016
25	16	98 669	68 003,234	2 450 229,444	36,031	35,570
26	17	98 608	66 956,575	2 382 226,210	35,579	35,118
27	18	98 546	65 926,158	2 315 269,635	35,119	34,658
28	19	98 474	64 904,385	2 249 343,476	34,656	34,195
29	20	98 405	63 899,933	2 184 439,091	34,185	33,725
30	21	98 330	62 907,900	2 120 539,158	33,709	33,248
31	22	98 257	61 932,265	2 057 631,258	33,224	32,763
32	23	98 173	60 964,458	1 995 698,992	32,735	32,275
33	24	98 082	60 008,405	1 934 734,534	32,241	31,780
34	25	97 996	59 069,583	1 874 726,129	31,738	31,277
35	26	97 899	58 138,927	1 815 656,545	31,230	30,769
36	27	97 793	57 217,746	1 757 517,618	30,716	30,256
37	28	97 685	56 309,843	1 700 299,872	30,195	29,735
38	29	97 569	55 411,874	1 643 990,029	29,669	29,208
39	30	97 442	54 521,571	1 588 578,155	29,137	28,676
40	31	97 306	53 641,276	1 534 056,583	28,598	28,138
41	32	97 153	52 765,285	1 480 415,307	28,057	27,596
42	33	96 991	51 898,630	1 427 650,022	27,508	27,048
43	34	96 812	51 037,289	1 375 751,392	26,956	26,495
44	35	96 615	50 181,063	1 324 714,103	26,399	25,938
45	36	96 403	49 330,837	1 274 533,039	25,836	25,376
46	37	96 161	48 479,714	1 225 202,203	25,272	24,812
47	38	95 907	47 636,978	1 176 722,489	24,702	24,241
48	39	95 612	46 788,902	1 129 085,511	24,131	23,671
49	40	95 289	45 941,685	1 082 296,608	23,558	23,097
50	41	94 925	45 089,684	1 036 354,923	22,984	22,524
51	42	94 519	44 233,295	991 265,239	22,410	21,949
52	43	94 076	43 375,317	947 031,944	21,833	21,373
53	44	93 575	42 506,902	903 656,627	21,259	20,798
54	45	93 013	41 627,396	861 149,725	20,687	20,226
55	46	92 392	40 738,255	819 522,329	20,117	19,656
56	47	91 707	39 838,793	778 784,075	19,548	19,088
57	48	90 950	38 926,067	738 945,282	18,983	18,523
58	49	90 120	38 000,742	700 019,215	18,421	17,960
59	50	89 198	37 055,904	662 018,473	17,865	17,405
60	51	88 198	36 099,282	624 962,569	17,312	16,852
61	52	87 120	35 130,910	588 863,287	16,762	16,301
62	53	85 951	34 147,365	553 732,377	16,216	15,755
63	54	84 677	33 143,913	519 585,013	15,677	15,216
64	55	83 319	32 130,384	486 441,100	15,140	14,679
65	56	81 857	31 100,219	454 310,716	14,608	14,147
66	57	80 307	30 060,577	423 210,497	14,079	13,618
67	58	78 679	29 015,928	393 149,920	13,549	13,089
68	59	76 926	27 950,051	364 133,992	13,028	12,567
69	60	75 123	26 891,450	336 183,941	12,502	12,041
70	61	73 176	25 807,454	309 292,491	11,985	11,524
71	62	71 136	24 717,335	283 485,038	11,469	11,008
72	63	68 979	23 613,712	258 767,702	10,958	10,498
73	64	66 733	22 507,217	235 153,990	10,448	9,987
74	65	64 372	21 390,118	212 646,773	9,941	9,481
75	66	61 882	20 258,788	191 256,655	9,441	8,980
76	67	59 254	19 111,713	170 997,867	8,947	8,486
77	68	56 471	17 944,833	151 886,154	8,464	8,003
78	69	53 588	16 777,121	133 941,321	7,984	7,523
79	70	50 539	15 588,706	117 164,199	7,516	7,055
80	71	47 313	14 378,100	101 575,493	7,065	6,604
81	72	43 945	13 157,150	87 197,393	6,627	6,167
82	73	40 430	11 925,900	74 040,243	6,208	5,748
83	74	36 828	10 702,801	62 114,343	5,804	5,343
84	75	33 128	9 485,320	51 411,541	5,420	4,959
85	76	29 399	8 293,133	41 926,221	5,056	4,595
86	77	25 665	7 132,962	33 633,088	4,715	4,254
87	78	22 033	6 032,883	26 500,126	4,393	3,932
88	79	18 566	5 008,467	20 467,242	4,087	3,626
89	80	15 306	4 067,962	15 458,775	3,800	3,339
90	81	12 327	3 227,866	11 390,813	3,529	3,068
91	82	9 668	2 494,184	8 162,947	3,273	2,812
92	83	7 323	1 861,284	5 668,762	3,046	2,585
93	84	5 351	1 339,960	3 807,478	2,841	2,381
94	85	3 774	931,154	2 467,519	2,650	2,189
95	86	2 530	615,018	1 536,364	2,498	2,037
96	87	1 646	394,207	921,346	2,337	1,876
97	88	1 017	239,955	527,139	2,197	1,736
98	89	596	138,528	287,184	2,073	1,612
99	90	331	75,725	148,656	1,963	1,502
100	91	173	39,112	72,931	1,865	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	85 765,254	3 612 033,343	42,115	41,655
11	1	99 221	84 232,420	3 526 268,089	41,864	41,403
12	2	99 190	82 961,021	3 442 035,669	41,490	41,029
13	3	99 170	81 718,860	3 359 074,648	41,105	40,644
14	4	99 149	80 493,901	3 277 355,788	40,716	40,255
15	5	99 128	79 287,548	3 196 861,887	40,320	39,859
16	6	99 106	78 098,212	3 117 574,339	39,919	39,458
17	7	99 073	76 919,170	3 039 476,127	39,515	39,054
18	8	99 040	75 756,479	2 962 556,957	39,106	38,646
19	9	98 995	74 603,694	2 886 800,478	38,695	38,234
20	10	98 948	73 465,731	2 812 196,784	38,279	37,818
21	11	98 897	72 343,119	2 738 731,053	37,858	37,397
22	12	98 846	71 236,829	2 666 387,934	37,430	36,969
23	13	98 793	70 146,863	2 595 151,106	36,996	36,535
24	14	98 739	69 072,553	2 525 004,242	36,556	36,095
25	15	98 681	68 011,742	2 455 931,690	36,110	35,650
26	16	98 622	66 966,024	2 387 919,948	35,659	35,198
27	17	98 561	65 935,813	2 320 953,923	35,200	34,739
28	18	98 494	64 917,605	2 255 018,111	34,737	34,276
29	19	98 424	63 912,270	2 190 100,506	34,267	33,806
30	20	98 348	62 919,551	2 126 188,236	33,792	33,331
31	21	98 273	61 942,520	2 063 268,685	33,309	32,849
32	22	98 190	60 975,009	2 001 326,165	32,822	32,361
33	23	98 104	60 021,429	1 940 351,155	32,328	31,867
34	24	98 013	59 079,602	1 880 329,726	31,827	31,366
35	25	97 917	58 149,770	1 821 250,124	31,320	30,859
36	26	97 812	57 228,881	1 763 100,354	30,808	30,347
37	27	97 706	56 322,146	1 705 871,473	30,288	29,827
38	28	97 593	55 425,697	1 649 549,327	29,761	29,301
39	29	97 467	54 535,684	1 594 123,631	29,231	28,770
40	30	97 335	53 657,209	1 539 587,946	28,693	28,232
41	31	97 184	52 782,133	1 485 930,737	28,152	27,691
42	32	97 024	51 916,647	1 433 148,604	27,605	27,144
43	33	96 846	51 055,467	1 381 231,957	27,054	26,593
44	34	96 653	50 200,698	1 330 176,489	26,497	26,036
45	35	96 442	49 350,699	1 279 975,792	25,936	25,476
46	36	96 206	48 502,454	1 230 625,092	25,372	24,912
47	37	95 951	47 658,912	1 182 122,639	24,804	24,343
48	38	95 668	46 816,321	1 134 463,726	24,232	23,771
49	39	95 346	45 969,069	1 087 647,406	23,660	23,200
50	40	94 989	45 120,307	1 041 678,337	23,087	22,626
51	41	94 591	44 267,065	996 558,030	22,512	22,052
52	42	94 154	43 411,341	952 290,965	21,936	21,476
53	43	93 659	42 545,190	908 879,624	21,363	20,902
54	44	93 108	41 669,901	866 334,435	20,790	20,330
55	45	92 495	40 783,604	824 664,534	20,220	19,760
56	46	91 824	39 889,442	783 880,930	19,651	19,191
57	47	91 081	38 981,949	743 991,488	19,086	18,625
58	48	90 265	38 061,625	705 009,539	18,523	18,062
59	49	89 360	37 123,150	666 947,914	17,966	17,505
60	50	88 373	36 170,562	629 824,764	17,413	16,952
61	51	87 313	35 208,678	593 654,202	16,861	16,400
62	52	86 163	34 231,413	558 445,524	16,314	15,853
63	53	84 909	33 234,748	524 214,111	15,773	15,312
64	54	83 570	32 227,377	490 979,363	15,235	14,774
65	55	82 129	31 203,609	458 751,986	14,702	14,241
66	56	80 599	30 169,758	427 548,377	14,171	13,711
67	57	78 995	29 132,232	397 378,620	13,641	13,180
68	58	77 267	28 073,872	368 246,388	13,117	12,656
69	59	75 487	27 021,966	340 172,516	12,589	12,128
70	60	73 573	25 947,336	313 150,549	12,069	11,608
71	61	71 536	24 856,409	287 203,213	11,554	11,094
72	62	69 401	23 758,081	262 346,804	11,042	10,582
73	63	67 176	22 656,396	238 588,722	10,531	10,070
74	64	64 845	21 547,139	215 932,326	10,021	9,561
75	65	62 382	20 422,416	194 385,187	9,518	9,057
76	66	59 776	19 280,133	173 962,771	9,023	8,562
77	67	57 024	18 120,500	154 682,637	8,536	8,076
78	68	54 141	16 950,265	136 562,137	8,057	7,596
79	69	51 110	15 764,834	119 611,872	7,587	7,126
80	70	47 897	14 555,436	103 847,038	7,135	6,674
81	71	44 542	13 335,720	89 291,601	6,696	6,235
82	72	41 021	12 100,256	75 955,881	6,277	5,816
83	73	37 407	10 871,116	63 855,625	5,874	5,413
84	74	33 705	9 650,424	52 984,508	5,490	5,030
85	75	29 970	8 454,337	43 334,085	5,126	4,665
86	76	26 238	7 292,121	34 879,748	4,783	4,322
87	77	22 585	6 184,096	27 587,627	4,461	4,000
88	78	19 103	5 153,276	21 403,531	4,153	3,693
89	79	15 827	4 206,452	16 250,255	3,863	3,402
90	80	12 819	3 356,794	12 043,803	3,588	3,127
91	81	10 114	2 609,150	8 687,009	3,329	2,869
92	82	7 711	1 959,951	6 077,859	3,101	2,640
93	83	5 681	1 422,586	4 117,908	2,895	2,434
94	84	4 046	998,258	2 695,322	2,700	2,239
95	85	2 742	666,485	1 697,064	2,546	2,085
96	86	1 807	432,675	1 030,579	2,382	1,921
97	87	1 132	266,970	597,904	2,240	1,779
98	88	673	156,498	330,934	2,115	1,654
99	89	380	87,132	174,436	2,002	1,541
100	90	203	45,903	87,304	1,902	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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6						
7						
8						
9						
10						
11	0	99 526	84 491,289	3 531 848,165	41,801	41,341
12	1	99 213	82 980,195	3 447 356,875	41,544	41,084
13	2	99 182	81 728,592	3 364 376,681	41,165	40,704
14	3	99 161	80 503,492	3 282 648,089	40,776	40,316
15	4	99 137	79 294,758	3 202 144,597	40,383	39,922
16	5	99 113	78 104,070	3 122 849,838	39,983	39,522
17	6	99 080	76 924,234	3 044 745,769	39,581	39,120
18	7	99 044	75 760,213	2 967 821,535	39,174	38,713
19	8	99 002	74 608,313	2 892 061,322	38,763	38,302
20	9	98 954	73 470,485	2 817 453,009	38,348	37,887
21	10	98 903	72 347,406	2 743 982,524	37,928	37,467
22	11	98 853	71 242,135	2 671 635,118	37,501	37,040
23	12	98 801	70 152,413	2 600 392,983	37,068	36,607
24	13	98 748	69 078,474	2 530 240,569	36,628	36,168
25	14	98 692	68 018,880	2 461 162,095	36,184	35,723
26	15	98 634	66 974,403	2 393 143,216	35,732	35,271
27	16	98 575	65 945,118	2 326 168,813	35,274	34,814
28	17	98 509	64 927,112	2 260 223,695	34,812	34,351
29	18	98 444	63 925,288	2 195 296,584	34,342	33,881
30	19	98 367	62 931,698	2 131 371,296	33,868	33,407
31	20	98 292	61 953,992	2 068 439,598	33,387	32,926
32	21	98 206	60 985,106	2 006 485,605	32,901	32,440
33	22	98 121	60 031,818	1 945 500,499	32,408	31,947
34	23	98 034	59 092,424	1 885 468,682	31,907	31,446
35	24	97 934	58 159,632	1 826 376,258	31,403	30,942
36	25	97 830	57 239,554	1 768 216,626	30,892	30,431
37	26	97 725	56 333,107	1 710 977,072	30,372	29,912
38	27	97 615	55 437,806	1 654 643,965	29,847	29,386
39	28	97 491	54 549,288	1 599 206,159	29,317	28,856
40	29	97 360	53 671,098	1 544 656,871	28,780	28,319
41	30	97 213	52 797,811	1 490 985,773	28,240	27,779
42	31	97 055	51 933,224	1 438 187,962	27,693	27,232
43	32	96 880	51 073,192	1 386 254,738	27,143	26,682
44	33	96 687	50 218,578	1 335 181,546	26,587	26,127
45	34	96 480	49 370,009	1 284 962,968	26,027	25,566
46	35	96 245	48 521,983	1 235 592,959	25,465	25,004
47	36	95 996	47 681,267	1 187 070,976	24,896	24,435
48	37	95 712	46 837,877	1 139 389,709	24,326	23,865
49	38	95 402	45 996,007	1 092 551,832	23,753	23,292
50	39	95 046	45 147,201	1 046 555,825	23,181	22,720
51	40	94 655	44 297,129	1 001 408,624	22,607	22,146
52	41	94 226	43 444,483	957 111,495	22,031	21,570
53	42	93 737	42 580,523	913 667,012	21,457	20,997
54	43	93 192	41 707,435	871 086,489	20,886	20,425
55	44	92 589	40 825,248	829 379,054	20,315	19,855
56	45	91 926	39 933,847	788 553,806	19,747	19,286
57	46	91 197	39 031,508	748 619,960	19,180	18,719
58	47	90 394	38 116,266	709 588,451	18,616	18,156
59	48	89 503	37 182,627	671 472,185	18,059	17,598
60	49	88 533	36 236,202	634 289,559	17,504	17,044
61	50	87 485	35 278,199	598 053,356	16,952	16,492
62	51	86 353	34 307,190	562 775,157	16,404	15,943
63	52	85 118	33 316,550	528 467,967	15,862	15,401
64	53	83 799	32 315,700	495 151,417	15,322	14,862
65	54	82 377	31 297,804	462 835,717	14,788	14,327
66	55	80 867	30 270,054	431 537,913	14,256	13,795
67	56	79 282	29 238,041	401 267,859	13,724	13,263
68	57	77 577	28 186,400	372 029,818	13,199	12,738
69	58	75 822	27 141,676	343 843,418	12,668	12,208
70	59	73 930	26 073,270	316 701,742	12,147	11,686
71	60	71 924	24 991,137	290 628,471	11,629	11,168
72	61	69 792	23 891,758	265 637,334	11,118	10,658
73	62	67 586	22 794,913	241 745,576	10,605	10,144
74	63	65 275	21 689,955	218 950,663	10,095	9,634
75	64	62 840	20 572,334	197 260,708	9,589	9,128
76	65	60 259	19 435,857	176 688,374	9,091	8,630
77	66	57 526	18 280,186	157 252,518	8,602	8,142
78	67	54 671	17 116,196	138 972,332	8,119	7,659
79	68	51 638	15 927,531	121 856,136	7,651	7,190
80	69	48 438	14 719,890	105 928,605	7,196	6,735
81	70	45 091	13 500,200	91 208,716	6,756	6,295
82	71	41 578	12 264,482	77 708,515	6,336	5,875
83	72	37 954	11 030,052	65 444,033	5,933	5,472
84	73	34 235	9 802,189	54 413,981	5,551	5,090
85	74	30 492	8 601,494	44 611,792	5,187	4,726
86	75	26 748	7 433,866	36 010,298	4,844	4,383
87	76	23 089	6 322,082	28 576,432	4,520	4,059
88	77	19 582	5 282,441	22 254,349	4,213	3,752
89	78	16 284	4 328,072	16 971,908	3,921	3,461
90	79	13 256	3 471,073	12 643,836	3,643	3,182
91	80	10 518	2 713,365	9 172,763	3,381	2,920
92	81	8 067	2 050,292	6 459,398	3,150	2,690
93	82	5 982	1 497,998	4 409,106	2,943	2,483
94	83	4 296	1 059,814	2 911,108	2,747	2,286
95	84	2 940	714,516	1 851,294	2,591	2,130
96	85	1 958	468,883	1 136,778	2,424	1,964
97	86	1 242	293,022	667,895	2,279	1,819
98	87	749	174,117	374,874	2,153	1,692
99	88	430	98,434	200,757	2,039	1,579
100	89	234	52,818	102,322	1,937	1,476

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	83 235,216	3 452 491,855	41,479	41,018
13	1	99 205	81 747,480	3 369 256,640	41,215	40,755
14	2	99 172	80 513,080	3 287 509,159	40,832	40,371
15	3	99 149	79 304,206	3 206 996,079	40,439	39,978
16	4	99 122	78 111,173	3 127 691,873	40,042	39,581
17	5	99 087	76 930,003	3 049 580,701	39,641	39,180
18	6	99 051	75 765,201	2 972 650,698	39,235	38,774
19	7	99 006	74 611,991	2 896 885,497	38,826	38,365
20	8	98 960	73 475,034	2 822 273,506	38,411	37,951
21	9	98 909	72 352,088	2 748 798,472	37,992	37,531
22	10	98 859	71 246,357	2 676 446,385	37,566	37,105
23	11	98 808	70 157,639	2 605 200,028	37,134	36,673
24	12	98 756	69 083,940	2 535 042,389	36,695	36,234
25	13	98 700	68 024,711	2 465 958,449	36,251	35,790
26	14	98 644	66 981,432	2 397 933,739	35,800	35,339
27	15	98 587	65 953,368	2 330 952,307	35,342	34,882
28	16	98 523	64 936,274	2 264 998,939	34,880	34,420
29	17	98 458	63 934,649	2 200 062,664	34,411	33,950
30	18	98 387	62 944,516	2 136 128,015	33,937	33,476
31	19	98 311	61 965,953	2 073 183,499	33,457	32,996
32	20	98 224	60 996,401	2 011 217,546	32,973	32,512
33	21	98 137	60 041,758	1 950 221,145	32,481	32,020
34	22	98 051	59 102,651	1 890 179,387	31,981	31,520
35	23	97 955	58 172,254	1 831 076,736	31,477	31,016
36	24	97 847	57 249,262	1 772 904,482	30,968	30,507
37	25	97 744	56 343,613	1 715 655,220	30,450	29,989
38	26	97 634	55 448,595	1 659 311,607	29,925	29,464
39	27	97 512	54 561,206	1 603 863,012	29,396	28,935
40	28	97 385	53 684,487	1 549 301,806	28,859	28,399
41	29	97 238	52 811,477	1 495 617,319	28,320	27,859
42	30	97 084	51 948,649	1 442 805,842	27,774	27,313
43	31	96 911	51 089,500	1 390 857,193	27,224	26,763
44	32	96 721	50 236,012	1 339 767,693	26,669	26,209
45	33	96 514	49 387,593	1 289 531,681	26,110	25,650
46	34	96 282	48 540,968	1 240 144,088	25,548	25,088
47	35	96 034	47 700,466	1 191 603,120	24,981	24,520
48	36	95 757	46 859,847	1 143 902,654	24,411	23,950
49	37	95 446	46 017,185	1 097 042,807	23,840	23,379
50	38	95 102	45 173,658	1 051 025,622	23,266	22,806
51	39	94 711	44 323,533	1 005 851,964	22,693	22,233
52	40	94 290	43 473,988	961 528,431	22,117	21,657
53	41	93 809	42 613,031	918 054,443	21,544	21,083
54	42	93 270	41 742,073	875 441,412	20,973	20,512
55	43	92 673	40 862,021	833 699,339	20,403	19,942
56	44	92 020	39 974,622	792 837,318	19,834	19,373
57	45	91 298	39 074,958	752 862,696	19,267	18,806
58	46	90 509	38 164,725	713 787,738	18,703	18,242
59	47	89 631	37 236,006	675 623,013	18,144	17,684
60	48	88 675	36 294,258	638 387,007	17,589	17,128
61	49	87 644	35 342,220	602 092,749	17,036	16,575
62	50	86 524	34 374,932	566 750,529	16,487	16,027
63	51	85 306	33 390,302	532 375,598	15,944	15,483
64	52	84 006	32 395,240	498 985,296	15,403	14,942
65	53	82 603	31 383,579	466 590,056	14,867	14,407
66	54	81 111	30 361,431	435 206,476	14,334	13,873
67	55	79 545	29 335,240	404 845,045	13,801	13,340
68	56	77 858	28 288,774	375 509,805	13,274	12,813
69	57	76 126	27 250,468	347 221,031	12,742	12,281
70	58	74 257	26 188,778	319 970,563	12,218	11,757
71	59	72 273	25 112,430	293 781,786	11,699	11,238
72	60	70 170	24 021,257	268 669,356	11,185	10,724
73	61	67 967	22 923,170	244 648,098	10,673	10,212
74	62	65 674	21 822,563	221 724,928	10,160	9,700
75	63	63 257	20 708,689	199 902,365	9,653	9,192
76	64	60 701	19 578,532	179 193,677	9,153	8,692
77	65	57 991	18 427,832	159 615,145	8,662	8,201
78	66	55 153	17 267,031	141 187,312	8,177	7,716
79	67	52 143	16 083,450	123 920,281	7,705	7,244
80	68	48 938	14 871,802	107 836,831	7,251	6,790
81	69	45 600	13 652,731	92 965,029	6,809	6,348
82	70	42 091	12 415,750	79 312,298	6,388	5,927
83	71	38 469	11 179,753	66 896,548	5,984	5,523
84	72	34 736	9 945,497	55 716,795	5,602	5,141
85	73	30 972	8 736,764	45 771,299	5,239	4,778
86	74	27 214	7 563,262	37 034,535	4,897	4,436
87	75	23 538	6 444,972	29 471,273	4,573	4,112
88	76	20 018	5 400,309	23 026,301	4,264	3,803
89	77	16 693	4 436,554	17 625,992	3,973	3,512
90	78	13 639	3 571,431	13 189,438	3,693	3,232
91	79	10 876	2 805,739	9 618,007	3,428	2,967
92	80	8 389	2 132,185	6 812,268	3,195	2,734
93	81	6 258	1 567,046	4 680,083	2,987	2,526
94	82	4 523	1 115,995	3 113,037	2,789	2,329
95	83	3 121	758,575	1 997,042	2,633	2,172
96	84	2 099	502,673	1 238,467	2,464	2,003
97	85	1 346	317,543	735,794	2,317	1,856
98	86	822	191,108	418,251	2,189	1,728
99	87	478	109,516	227,143	2,074	1,613
100	88	264	59,670	117,627	1,971	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10						
11						
12						
13	0	99 510	81 998,713	3 373 983,111	41,147	40,686
14	1	99 195	80 531,687	3 291 984,398	40,878	40,417
15	2	99 160	79 313,651	3 211 452,711	40,491	40,030
16	3	99 134	78 120,480	3 132 139,060	40,094	39,633
17	4	99 096	76 936,999	3 054 018,580	39,695	39,234
18	5	99 058	75 770,883	2 977 081,581	39,291	38,830
19	6	99 013	74 616,903	2 901 310,698	38,883	38,422
20	7	98 965	73 478,656	2 826 693,796	38,470	38,009
21	8	98 916	72 356,567	2 753 215,140	38,051	37,590
22	9	98 865	71 250,967	2 680 858,572	37,626	37,165
23	10	98 814	70 161,796	2 609 607,605	37,194	36,733
24	11	98 763	69 089,086	2 539 445,809	36,756	36,295
25	12	98 708	68 030,093	2 470 356,723	36,313	35,852
26	13	98 653	66 987,174	2 402 326,630	35,862	35,402
27	14	98 597	65 960,290	2 335 339,457	35,405	34,944
28	15	98 535	64 944,399	2 269 379,166	34,943	34,483
29	16	98 472	63 943,671	2 204 434,767	34,475	34,014
30	17	98 402	62 953,734	2 140 491,096	34,001	33,540
31	18	98 331	61 978,575	2 077 537,362	33,520	33,059
32	19	98 243	61 008,177	2 015 558,787	33,038	32,577
33	20	98 155	60 052,878	1 954 550,611	32,547	32,086
34	21	98 067	59 112,438	1 894 497,733	32,049	31,588
35	22	97 972	58 182,323	1 835 385,295	31,545	31,085
36	23	97 868	57 261,687	1 777 202,973	31,037	30,576
37	24	97 760	56 353,168	1 719 941,286	30,521	30,060
38	25	97 652	55 458,936	1 663 588,117	29,997	29,536
39	26	97 531	54 571,824	1 608 129,182	29,468	29,007
40	27	97 406	53 696,216	1 553 557,357	28,932	28,472
41	28	97 262	52 824,651	1 499 861,142	28,393	27,932
42	29	97 109	51 962,096	1 447 036,490	27,848	27,387
43	30	96 939	51 104,674	1 395 074,394	27,298	26,838
44	31	96 752	50 252,052	1 343 969,720	26,745	26,284
45	32	96 547	49 404,739	1 293 717,667	26,186	25,725
46	33	96 317	48 558,257	1 244 312,929	25,625	25,164
47	34	96 072	47 719,130	1 195 754,671	25,058	24,597
48	35	95 796	46 878,715	1 148 035,542	24,489	24,029
49	36	95 490	46 038,770	1 101 156,827	23,918	23,457
50	37	95 145	45 194,457	1 055 118,057	23,346	22,885
51	38	94 767	44 349,506	1 009 923,599	22,772	22,311
52	39	94 346	43 499,901	965 574,093	22,197	21,736
53	40	93 872	42 641,972	922 074,192	21,624	21,163
54	41	93 341	41 773,941	879 432,219	21,052	20,591
55	42	92 750	40 895,956	837 658,279	20,483	20,022
56	43	92 103	40 010,629	796 762,322	19,914	19,453
57	44	91 392	39 114,857	756 751,693	19,347	18,886
58	45	90 610	38 207,210	717 636,836	18,783	18,322
59	46	89 745	37 283,346	679 429,627	18,223	17,763
60	47	88 802	36 346,362	642 146,281	17,667	17,207
61	48	87 784	35 398,843	605 799,919	17,114	16,653
62	49	86 681	34 437,313	570 401,076	16,563	16,103
63	50	85 475	33 456,233	535 963,763	16,020	15,559
64	51	84 191	32 466,953	502 507,530	15,478	15,017
65	52	82 806	31 460,825	470 040,577	14,941	14,480
66	53	81 334	30 444,641	438 579,752	14,406	13,945
67	54	79 785	29 423,795	408 135,112	13,871	13,410
68	55	78 117	28 382,817	378 711,316	13,343	12,882
69	56	76 402	27 349,442	350 328,499	12,809	12,349
70	57	74 555	26 293,749	322 979,057	12,283	11,823
71	58	72 593	25 223,681	296 685,308	11,762	11,301
72	59	70 510	24 137,843	271 461,627	11,246	10,786
73	60	68 335	23 047,419	247 323,784	10,731	10,270
74	61	66 043	21 945,349	224 276,364	10,220	9,759
75	62	63 643	20 835,297	202 331,015	9,711	9,250
76	63	61 104	19 708,300	181 495,718	9,209	8,748
77	64	58 417	18 563,108	161 787,418	8,716	8,255
78	65	55 598	17 406,495	143 224,310	8,228	7,767
79	66	52 603	16 225,184	125 817,816	7,754	7,294
80	67	49 417	15 017,387	109 592,632	7,298	6,837
81	68	46 071	13 793,630	94 575,245	6,856	6,396
82	69	42 566	12 556,028	80 781,615	6,434	5,973
83	70	38 944	11 317,642	68 225,587	6,028	5,567
84	71	35 207	10 080,478	56 907,945	5,645	5,185
85	72	31 424	8 864,495	46 827,467	5,283	4,822
86	73	27 642	7 682,203	37 962,972	4,942	4,481
87	74	23 948	6 557,155	30 280,769	4,618	4,157
88	75	20 408	5 505,281	23 723,614	4,309	3,848
89	76	17 065	4 535,547	18 218,333	4,017	3,556
90	77	13 981	3 660,948	13 682,786	3,737	3,277
91	78	11 190	2 886,861	10 021,838	3,472	3,011
92	79	8 674	2 204,773	7 134,977	3,236	2,775
93	80	6 508	1 629,637	4 930,203	3,025	2,565
94	81	4 732	1 167,435	3 300,567	2,827	2,366
95	82	3 286	798,787	2 133,131	2,670	2,210
96	83	2 228	533,669	1 334,344	2,500	2,040
97	84	1 443	340,426	800,675	2,352	1,891
98	85	891	207,101	460,248	2,222	1,762
99	86	525	120,203	253,147	2,106	1,645
100	87	294	66,387	132,944	2,003	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	80 779,183	3 296 336,187	40,807	40,346
15	1	99 183	79 331,981	3 215 557,003	40,533	40,072
16	2	99 146	78 129,783	3 136 225,022	40,141	39,680
17	3	99 108	76 946,166	3 058 095,239	39,743	39,283
18	4	99 067	75 777,774	2 981 149,073	39,341	38,880
19	5	99 020	74 622,499	2 905 371,299	38,934	38,473
20	6	98 972	73 483,493	2 830 748,800	38,522	38,061
21	7	98 920	72 360,134	2 757 265,307	38,105	37,644
22	8	98 871	71 255,379	2 684 905,173	37,680	37,219
23	9	98 821	70 166,337	2 613 649,794	37,249	36,789
24	10	98 769	69 093,180	2 543 483,458	36,812	36,352
25	11	98 715	68 035,160	2 474 390,278	36,369	35,908
26	12	98 660	66 992,474	2 406 355,118	35,920	35,459
27	13	98 606	65 965,945	2 339 362,644	35,463	35,002
28	14	98 545	64 951,215	2 273 396,699	35,002	34,541
29	15	98 484	63 951,672	2 208 445,484	34,533	34,072
30	16	98 416	62 962,618	2 144 493,812	34,060	33,599
31	17	98 345	61 987,651	2 081 531,194	33,580	33,119
32	18	98 263	61 020,603	2 019 543,543	33,096	32,635
33	19	98 174	60 064,472	1 958 522,940	32,607	32,146
34	20	98 085	59 123,386	1 898 458,469	32,110	31,649
35	21	97 988	58 191,957	1 839 335,083	31,608	31,147
36	22	97 885	57 271,598	1 781 143,126	31,100	30,639
37	23	97 781	56 365,399	1 723 871,529	30,584	30,123
38	24	97 669	55 468,341	1 667 506,130	30,062	29,602
39	25	97 550	54 582,002	1 612 037,789	29,534	29,073
40	26	97 425	53 706,665	1 557 455,787	28,999	28,539
41	27	97 284	52 836,192	1 503 749,121	28,461	28,000
42	28	97 133	51 975,058	1 450 912,929	27,916	27,455
43	29	96 965	51 117,903	1 398 937,871	27,367	26,906
44	30	96 781	50 266,978	1 347 819,968	26,813	26,352
45	31	96 578	49 420,514	1 297 552,990	26,255	25,795
46	32	96 350	48 575,115	1 248 132,476	25,695	25,234
47	33	96 106	47 736,126	1 199 557,361	25,129	24,668
48	34	95 833	46 897,057	1 151 821,235	24,561	24,100
49	35	95 529	46 057,307	1 104 924,178	23,990	23,529
50	36	95 190	45 215,657	1 058 866,871	23,418	22,957
51	37	94 811	44 369,926	1 013 651,214	22,845	22,385
52	38	94 401	43 525,393	969 281,288	22,269	21,809
53	39	93 928	42 667,389	925 755,895	21,697	21,236
54	40	93 404	41 802,312	883 088,506	21,125	20,665
55	41	92 821	40 927,178	841 286,194	20,556	20,095
56	42	92 179	40 043,858	800 359,016	19,987	19,526
57	43	91 474	39 150,089	760 315,158	19,421	18,960
58	44	90 702	38 246,222	721 165,069	18,856	18,395
59	45	89 845	37 324,850	682 918,846	18,297	17,836
60	46	88 915	36 392,571	645 593,997	17,740	17,279
61	47	87 910	35 449,662	609 201,426	17,185	16,724
62	48	86 820	34 492,486	573 751,765	16,634	16,173
63	49	85 630	33 516,947	539 259,278	16,089	15,628
64	50	84 358	32 531,061	505 742,331	15,546	15,086
65	51	82 990	31 530,469	473 211,271	15,008	14,547
66	52	81 534	30 519,575	441 680,802	14,472	14,011
67	53	80 004	29 504,435	411 161,226	13,936	13,475
68	54	78 353	28 468,497	381 656,791	13,406	12,945
69	55	76 656	27 440,363	353 188,294	12,871	12,410
70	56	74 826	26 389,249	325 747,932	12,344	11,883
71	57	72 884	25 324,784	299 358,682	11,821	11,360
72	58	70 823	24 244,776	274 033,898	11,303	10,842
73	59	68 667	23 159,279	249 789,122	10,786	10,325
74	60	66 401	22 064,298	226 629,843	10,271	9,811
75	61	64 001	20 952,529	204 565,545	9,763	9,302
76	62	61 477	19 828,792	183 613,016	9,260	8,799
77	63	58 804	18 686,146	163 784,224	8,765	8,304
78	64	56 007	17 534,273	145 098,078	8,275	7,814
79	65	53 027	16 356,233	127 563,805	7,799	7,338
80	66	49 853	15 149,726	111 207,573	7,341	6,880
81	67	46 522	13 928,660	96 057,847	6,896	6,436
82	68	43 006	12 685,609	82 129,187	6,474	6,013
83	69	39 384	11 445,513	69 443,578	6,067	5,607
84	70	35 641	10 204,808	57 998,065	5,683	5,223
85	71	31 851	8 984,805	47 793,256	5,319	4,859
86	72	28 046	7 794,517	38 808,451	4,979	4,518
87	73	24 324	6 660,274	31 013,934	4,657	4,196
88	74	20 763	5 601,107	24 353,660	4,348	3,887
89	75	17 397	4 623,710	18 752,553	4,056	3,595
90	76	14 293	3 742,635	14 128,843	3,775	3,314
91	77	11 471	2 959,219	10 386,208	3,510	3,049
92	78	8 925	2 268,519	7 426,989	3,274	2,813
93	79	6 729	1 685,116	5 158,469	3,061	2,600
94	80	4 921	1 214,065	3 473,353	2,861	2,400
95	81	3 438	835,606	2 259,288	2,704	2,243
96	82	2 347	561,959	1 423,682	2,533	2,073
97	83	1 532	361,418	861,722	2,384	1,923
98	84	955	222,026	500,304	2,253	1,793
99	85	569	130,262	278,278	2,136	1,675
100	86	323	72,866	148,016	2,031	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	79 575,790	3 219 565,189	40,459	39,998
16	1	99 168	78 147,840	3 139 989,399	40,180	39,719
17	2	99 120	76 955,330	3 061 841,559	39,787	39,326
18	3	99 079	75 786,803	2 984 886,229	39,385	38,925
19	4	99 029	74 629,285	2 909 099,427	38,981	38,520
20	5	98 979	73 489,005	2 834 470,142	38,570	38,109
21	6	98 927	72 364,898	2 760 981,137	38,154	37,693
22	7	98 876	71 258,891	2 688 616,239	37,730	37,269
23	8	98 827	70 170,681	2 617 357,348	37,300	36,839
24	9	98 775	69 097,651	2 547 186,667	36,864	36,403
25	10	98 721	68 039,192	2 478 089,016	36,421	35,961
26	11	98 668	66 997,464	2 410 049,824	35,972	35,511
27	12	98 614	65 971,164	2 343 052,360	35,516	35,056
28	13	98 554	64 956,783	2 277 081,196	35,055	34,595
29	14	98 495	63 958,383	2 212 124,413	34,587	34,126
30	15	98 428	62 970,496	2 148 166,030	34,114	33,653
31	16	98 359	61 996,399	2 085 195,534	33,634	33,173
32	17	98 277	61 029,539	2 023 199,135	33,151	32,690
33	18	98 194	60 076,706	1 962 169,596	32,661	32,200
34	19	98 104	59 134,800	1 902 092,891	32,165	31,705
35	20	98 006	58 202,734	1 842 958,091	31,664	31,204
36	21	97 901	57 281,081	1 784 755,357	31,158	30,697
37	22	97 798	56 375,154	1 727 474,276	30,642	30,182
38	23	97 690	55 480,380	1 671 099,121	30,121	29,660
39	24	97 566	54 591,259	1 615 618,742	29,595	29,134
40	25	97 443	53 716,681	1 561 027,483	29,060	28,600
41	26	97 302	52 846,475	1 507 310,801	28,522	28,062
42	27	97 155	51 986,414	1 454 464,326	27,978	27,517
43	28	96 989	51 130,654	1 402 477,913	27,429	26,968
44	29	96 806	50 279,990	1 351 347,258	26,876	26,416
45	30	96 607	49 435,193	1 301 067,269	26,319	25,858
46	31	96 381	48 590,625	1 251 632,076	25,759	25,298
47	32	96 140	47 752,698	1 203 041,451	25,193	24,732
48	33	95 867	46 913,760	1 155 288,753	24,626	24,165
49	34	95 566	46 075,328	1 108 374,992	24,056	23,595
50	35	95 228	45 233,863	1 062 299,664	23,485	23,024
51	36	94 855	44 390,739	1 017 065,802	22,912	22,451
52	37	94 445	43 545,433	972 675,063	22,337	21,876
53	38	93 983	42 692,393	929 129,629	21,763	21,303
54	39	93 460	41 827,228	886 437,237	21,193	20,732
55	40	92 884	40 954,974	844 610,009	20,623	20,162
56	41	92 250	40 074,429	803 655,034	20,054	19,593
57	42	91 550	39 182,603	763 580,605	19,488	19,027
58	43	90 784	38 280,672	724 398,002	18,923	18,463
59	44	89 937	37 362,961	686 117,329	18,364	17,903
60	45	89 014	36 433,083	648 754,368	17,807	17,346
61	46	88 022	35 494,730	612 321,286	17,251	16,790
62	47	86 945	34 542,004	576 826,555	16,699	16,238
63	48	85 767	33 570,646	542 284,551	16,154	15,693
64	49	84 511	32 590,096	508 713,906	15,609	15,149
65	50	83 153	31 592,728	476 123,810	15,071	14,610
66	51	81 714	30 587,135	444 531,082	14,533	14,072
67	52	80 201	29 577,055	413 943,946	13,995	13,535
68	53	78 568	28 546,519	384 366,891	13,465	13,004
69	54	76 888	27 523,198	355 820,372	12,928	12,467
70	55	75 074	26 476,978	328 297,175	12,399	11,939
71	56	73 149	25 416,765	301 820,197	11,875	11,414
72	57	71 107	24 341,956	276 403,432	11,355	10,894
73	58	68 971	23 261,877	252 061,476	10,836	10,375
74	59	66 724	22 171,386	228 799,600	10,320	9,859
75	60	64 348	21 066,096	206 628,213	9,809	9,348
76	61	61 823	19 940,361	185 562,117	9,306	8,845
77	62	59 163	18 800,389	165 621,756	8,809	8,349
78	63	56 378	17 650,491	146 821,368	8,318	7,857
79	64	53 417	16 476,301	129 170,877	7,840	7,379
80	65	50 255	15 272,088	112 694,575	7,379	6,918
81	66	46 932	14 051,405	97 422,487	6,933	6,472
82	67	43 427	12 809,792	83 371,082	6,508	6,048
83	68	39 790	11 563,633	70 561,290	6,102	5,641
84	69	36 044	10 320,107	58 997,656	5,717	5,256
85	70	32 244	9 095,622	48 677,550	5,352	4,891
86	71	28 427	7 900,305	39 581,928	5,010	4,549
87	72	24 680	6 757,647	31 681,623	4,688	4,227
88	73	21 089	5 689,191	24 923,976	4,381	3,920
89	74	17 700	4 704,191	19 234,785	4,089	3,628
90	75	14 571	3 815,385	14 530,594	3,808	3,348
91	76	11 727	3 025,249	10 715,208	3,542	3,081
92	77	9 149	2 325,379	7 689,960	3,307	2,846
93	78	6 924	1 733,838	5 364,580	3,094	2,633
94	79	5 088	1 255,397	3 630,743	2,892	2,431
95	80	3 575	868,982	2 375,346	2,733	2,273
96	81	2 455	587,862	1 506,364	2,562	2,102
97	82	1 613	380,577	918,502	2,413	1,953
98	83	1 014	235,716	537,925	2,282	1,821
99	84	610	139,650	302,208	2,164	1,703
100	85	350	78,963	162,558	2,059	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	78 388,010	3 143 682,414	40,104	39,643
17	1	99 143	76 973,115	3 065 294,404	39,823	39,362
18	2	99 091	75 795,828	2 988 321,289	39,426	38,965
19	3	99 041	74 638,177	2 912 525,461	39,022	38,561
20	4	98 988	73 495,688	2 837 887,284	38,613	38,152
21	5	98 934	72 370,325	2 764 391,596	38,198	37,737
22	6	98 883	71 263,582	2 692 021,271	37,776	37,315
23	7	98 832	70 174,140	2 620 757,689	37,346	36,886
24	8	98 781	69 101,929	2 550 583,548	36,910	36,450
25	9	98 728	68 043,595	2 481 481,619	36,469	36,008
26	10	98 674	67 001,434	2 413 438,025	36,021	35,560
27	11	98 621	65 976,078	2 346 436,590	35,565	35,104
28	12	98 562	64 961,922	2 280 460,512	35,105	34,644
29	13	98 503	63 963,866	2 215 498,590	34,637	34,176
30	14	98 438	62 977,104	2 151 534,724	34,164	33,703
31	15	98 371	62 004,155	2 088 557,619	33,684	33,223
32	16	98 291	61 038,151	2 026 553,464	33,201	32,741
33	17	98 209	60 085,503	1 965 515,312	32,712	32,251
34	18	98 124	59 146,845	1 905 429,809	32,215	31,754
35	19	98 025	58 213,971	1 846 282,964	31,715	31,255
36	20	97 919	57 291,689	1 788 068,993	31,210	30,749
37	21	97 814	56 384,489	1 730 777,304	30,696	30,235
38	22	97 707	55 489,982	1 674 392,815	30,175	29,714
39	23	97 587	54 603,107	1 618 902,832	29,649	29,188
40	24	97 460	53 725,792	1 564 299,726	29,116	28,656
41	25	97 321	52 856,330	1 510 573,934	28,579	28,118
42	26	97 174	51 996,531	1 457 717,603	28,035	27,574
43	27	97 010	51 141,825	1 405 721,073	27,487	27,026
44	28	96 830	50 292,532	1 354 579,247	26,934	26,473
45	29	96 632	49 447,989	1 304 286,715	26,377	25,916
46	30	96 409	48 605,058	1 254 838,726	25,817	25,356
47	31	96 170	47 767,946	1 206 233,669	25,252	24,791
48	32	95 901	46 930,047	1 158 465,723	24,685	24,224
49	33	95 600	46 091,739	1 111 535,676	24,116	23,655
50	34	95 266	45 251,561	1 065 443,937	23,545	23,084
51	35	94 893	44 408,613	1 020 192,376	22,973	22,512
52	36	94 489	43 565,859	975 783,763	22,398	21,937
53	37	94 027	42 712,050	932 217,904	21,826	21,365
54	38	93 515	41 851,739	889 505,854	21,254	20,793
55	39	92 939	40 979,386	847 654,115	20,685	20,224
56	40	92 313	40 101,646	806 674,730	20,116	19,655
57	41	91 620	39 212,517	766 573,083	19,549	19,088
58	42	90 860	38 312,465	727 360,566	18,985	18,524
59	43	90 018	37 396,616	689 048,102	18,425	17,965
60	44	89 105	36 470,284	651 651,486	17,868	17,407
61	45	88 120	35 534,243	615 181,203	17,312	16,852
62	46	87 055	34 585,919	579 646,960	16,760	16,299
63	47	85 890	33 618,840	545 061,041	16,213	15,752
64	48	84 646	32 642,310	511 442,201	15,668	15,207
65	49	83 304	31 650,060	478 799,891	15,128	14,667
66	50	81 876	30 647,532	447 149,831	14,590	14,129
67	51	80 379	29 642,529	416 502,299	14,051	13,590
68	52	78 761	28 616,781	386 859,770	13,519	13,058
69	53	77 098	27 598,629	358 242,989	12,980	12,520
70	54	75 301	26 556,904	330 644,360	12,450	11,990
71	55	73 392	25 501,260	304 087,456	11,924	11,464
72	56	71 365	24 430,367	278 586,196	11,403	10,942
73	57	69 247	23 355,117	254 155,829	10,882	10,421
74	58	67 019	22 269,608	230 800,712	10,364	9,903
75	59	64 661	21 168,340	208 531,105	9,851	9,390
76	60	62 158	20 048,442	187 362,765	9,346	8,885
77	61	59 496	18 906,171	167 314,323	8,850	8,389
78	62	56 722	17 758,402	148 408,152	8,357	7,896
79	63	53 771	16 585,507	130 649,750	7,877	7,417
80	64	50 624	15 384,198	114 064,243	7,414	6,954
81	65	47 311	14 164,897	98 680,044	6,967	6,506
82	66	43 809	12 922,677	84 515,148	6,540	6,079
83	67	40 180	11 676,833	71 592,470	6,131	5,670
84	68	36 416	10 426,612	59 915,637	5,746	5,286
85	69	32 608	9 198,388	49 489,025	5,380	4,919
86	70	28 777	7 997,746	40 290,637	5,038	4,577
87	71	25 015	6 849,363	32 292,891	4,715	4,254
88	72	21 398	5 772,367	25 443,529	4,408	3,947
89	73	17 978	4 778,170	19 671,162	4,117	3,656
90	74	14 824	3 881,797	14 892,991	3,837	3,376
91	75	11 955	3 084,054	11 011,194	3,570	3,110
92	76	9 353	2 377,266	7 927,141	3,335	2,874
93	77	7 097	1 777,296	5 549,875	3,123	2,662
94	78	5 236	1 291,694	3 772,579	2,921	2,460
95	79	3 697	898,566	2 480,885	2,761	2,300
96	80	2 553	611,342	1 582,319	2,588	2,127
97	81	1 687	398,119	970,977	2,439	1,978
98	82	1 068	248,212	572,858	2,308	1,847
99	83	647	148,261	324,646	2,190	1,729
100	84	375	84,654	176,385	2,084	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	77 209,675	3 068 698,161	39,745	39,284
18	1	99 114	75 813,345	2 991 488,486	39,459	38,998
19	2	99 053	74 647,066	2 915 675,141	39,059	38,599
20	3	99 000	73 504,445	2 841 028,075	38,651	38,190
21	4	98 943	72 376,907	2 767 523,630	38,238	37,777
22	5	98 890	71 268,927	2 695 146,724	37,817	37,356
23	6	98 838	70 178,760	2 623 877,796	37,388	36,928
24	7	98 786	69 105,336	2 553 699,036	36,954	36,493
25	8	98 734	68 047,808	2 484 593,701	36,512	36,052
26	9	98 680	67 005,770	2 416 545,893	36,065	35,604
27	10	98 627	65 979,988	2 349 540,123	35,610	35,149
28	11	98 569	64 966,761	2 283 560,136	35,150	34,689
29	12	98 511	63 968,927	2 218 593,374	34,682	34,222
30	13	98 447	62 982,503	2 154 624,447	34,210	33,749
31	14	98 382	62 010,663	2 091 641,944	33,730	33,270
32	15	98 304	61 045,788	2 029 631,281	33,248	32,787
33	16	98 222	60 093,983	1 968 585,493	32,758	32,298
34	17	98 139	59 155,506	1 908 491,510	32,262	31,801
35	18	98 045	58 225,828	1 849 336,004	31,761	31,301
36	19	97 938	57 302,750	1 791 110,176	31,257	30,796
37	20	97 833	56 394,932	1 733 807,426	30,744	30,283
38	21	97 723	55 499,170	1 677 412,494	30,224	29,763
39	22	97 604	54 612,557	1 621 913,323	29,699	29,238
40	23	97 481	53 737,452	1 567 300,766	29,166	28,705
41	24	97 337	52 865,295	1 513 563,314	28,631	28,170
42	25	97 192	52 006,228	1 460 698,019	28,087	27,626
43	26	97 029	51 151,778	1 408 691,791	27,539	27,079
44	27	96 851	50 303,520	1 357 540,013	26,987	26,526
45	28	96 656	49 460,324	1 307 236,493	26,430	25,969
46	29	96 434	48 617,639	1 257 776,169	25,871	25,410
47	30	96 199	47 782,134	1 209 158,530	25,306	24,845
48	31	95 931	46 945,032	1 161 376,397	24,739	24,278
49	32	95 633	46 107,741	1 114 431,365	24,170	23,709
50	33	95 299	45 267,679	1 068 323,624	23,600	23,139
51	34	94 930	44 425,988	1 023 055,946	23,028	22,568
52	35	94 527	43 583,401	978 629,957	22,454	21,993
53	36	94 071	42 732,084	935 046,557	21,882	21,421
54	37	93 558	41 871,009	892 314,472	21,311	20,850
55	38	92 993	41 003,400	850 443,463	20,741	20,280
56	39	92 368	40 125,549	809 440,063	20,173	19,712
57	40	91 682	39 239,149	769 314,514	19,606	19,145
58	41	90 929	38 341,714	730 075,366	19,041	18,580
59	42	90 093	37 427,674	691 733,652	18,482	18,021
60	43	89 185	36 503,134	654 305,978	17,925	17,464
61	44	88 210	35 570,526	617 802,844	17,368	16,908
62	45	87 152	34 624,420	582 232,318	16,816	16,355
63	46	85 999	33 661,581	547 607,898	16,268	15,807
64	47	84 768	32 689,171	513 946,317	15,722	15,261
65	48	83 438	31 700,768	481 257,146	15,181	14,720
66	49	82 024	30 703,149	449 556,378	14,642	14,181
67	50	80 537	29 701,060	418 853,230	14,102	13,642
68	51	78 935	28 680,129	389 152,169	13,569	13,108
69	52	77 288	27 666,558	360 472,040	13,029	12,568
70	53	75 507	26 629,687	332 805,482	12,498	12,037
71	54	73 614	25 578,241	306 175,795	11,970	11,509
72	55	71 602	24 511,583	280 597,553	11,448	10,987
73	56	69 499	23 439,943	256 085,970	10,925	10,464
74	57	67 288	22 358,870	232 646,027	10,405	9,944
75	58	64 947	21 262,117	210 287,156	9,890	9,429
76	59	62 460	20 145,746	189 025,039	9,383	8,922
77	60	59 819	19 008,647	168 879,293	8,884	8,424
78	61	57 042	17 858,322	149 870,646	8,392	7,931
79	62	54 099	16 686,907	132 012,324	7,911	7,450
80	63	50 960	15 486,166	115 325,417	7,447	6,986
81	64	47 658	14 268,879	99 839,251	6,997	6,536
82	65	44 163	13 027,052	85 570,372	6,569	6,108
83	66	40 534	11 779,734	72 543,320	6,158	5,698
84	67	36 772	10 528,681	60 763,586	5,771	5,310
85	68	32 945	9 293,317	50 234,905	5,405	4,945
86	69	29 102	8 088,108	40 941,588	5,062	4,601
87	70	25 323	6 933,841	32 853,480	4,738	4,277
88	71	21 688	5 850,711	25 919,639	4,430	3,969
89	72	18 241	4 848,027	20 068,928	4,140	3,679
90	73	15 058	3 942,843	15 220,901	3,860	3,400
91	74	12 163	3 137,736	11 278,058	3,594	3,134
92	75	9 535	2 423,475	8 140,323	3,359	2,898
93	76	7 256	1 816,953	5 716,847	3,146	2,686
94	77	5 367	1 324,070	3 899,895	2,945	2,485
95	78	3 804	924,546	2 575,825	2,786	2,325
96	79	2 640	632,155	1 651,279	2,612	2,151
97	80	1 755	414,021	1 019,124	2,462	2,001
98	81	1 117	259,653	605,103	2,330	1,870
99	82	682	156,121	345,450	2,213	1,752
100	83	398	89,874	189,330	2,107	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	76 046,341	2 994 626,594	39,379	38,918
19	1	99 076	74 664,318	2 918 580,253	39,089	38,629
20	2	99 012	73 513,199	2 843 915,935	38,686	38,225
21	3	98 955	72 385,530	2 770 402,736	38,273	37,812
22	4	98 899	71 275,408	2 698 017,206	37,853	37,393
23	5	98 846	70 184,023	2 626 741,798	37,426	36,966
24	6	98 793	69 109,885	2 556 557,774	36,993	36,532
25	7	98 739	68 051,162	2 487 447,890	36,553	36,092
26	8	98 686	67 009,919	2 419 396,727	36,105	35,644
27	9	98 633	65 984,257	2 352 386,809	35,651	35,190
28	10	98 575	64 970,611	2 286 402,551	35,191	34,731
29	11	98 518	63 973,692	2 221 431,940	34,724	34,263
30	12	98 454	62 987,487	2 157 458,248	34,252	33,791
31	13	98 390	62 015,979	2 094 470,761	33,773	33,312
32	14	98 314	61 052,195	2 032 454,783	33,290	32,830
33	15	98 235	60 101,502	1 971 402,588	32,801	32,340
34	16	98 153	59 163,854	1 911 301,086	32,305	31,844
35	17	98 060	58 234,355	1 852 137,232	31,805	31,344
36	18	97 958	57 314,422	1 793 902,877	31,299	30,839
37	19	97 851	56 405,819	1 736 588,456	30,787	30,327
38	20	97 741	55 509,449	1 680 182,636	30,268	29,808
39	21	97 620	54 621,600	1 624 673,187	29,744	29,283
40	22	97 498	53 746,753	1 570 051,587	29,212	28,751
41	23	97 358	52 876,768	1 516 304,834	28,676	28,215
42	24	97 208	52 015,048	1 463 428,066	28,135	27,674
43	25	97 047	51 161,317	1 411 413,018	27,588	27,127
44	26	96 870	50 313,310	1 360 251,700	27,036	26,575
45	27	96 677	49 471,130	1 309 938,390	26,479	26,018
46	28	96 458	48 629,767	1 260 467,261	25,920	25,459
47	29	96 224	47 794,502	1 211 837,494	25,355	24,894
48	30	95 960	46 958,976	1 164 042,992	24,789	24,328
49	31	95 664	46 122,463	1 117 084,016	24,220	23,759
50	32	95 333	45 283,394	1 070 961,553	23,650	23,189
51	33	94 964	44 441,812	1 025 678,159	23,079	22,618
52	34	94 564	43 600,453	981 236,348	22,505	22,044
53	35	94 109	42 749,290	937 635,894	21,933	21,473
54	36	93 602	41 890,650	894 886,604	21,362	20,902
55	37	93 036	41 022,279	852 995,955	20,793	20,333
56	38	92 422	40 149,063	811 973,675	20,224	19,763
57	39	91 737	39 262,537	771 824,613	19,658	19,197
58	40	90 991	38 367,754	732 562,075	19,093	18,632
59	41	90 161	37 456,247	694 194,321	18,533	18,073
60	42	89 259	36 533,450	656 738,074	17,976	17,516
61	43	88 290	35 602,566	620 204,624	17,420	16,959
62	44	87 241	34 659,774	584 602,058	16,867	16,406
63	45	86 095	33 699,053	549 942,284	16,319	15,858
64	46	84 876	32 730,730	516 243,231	15,772	15,312
65	47	83 558	31 746,278	483 512,501	15,231	14,770
66	48	82 156	30 752,339	451 766,223	14,690	14,230
67	49	80 683	29 754,960	421 013,884	14,149	13,689
68	50	79 091	28 736,760	391 258,924	13,615	13,154
69	51	77 459	27 727,803	362 522,164	13,074	12,614
70	52	75 693	26 695,232	334 794,361	12,541	12,081
71	53	73 816	25 648,342	308 099,129	12,012	11,552
72	54	71 818	24 585,577	282 450,787	11,488	11,028
73	55	69 730	23 517,867	257 865,210	10,965	10,504
74	56	67 532	22 440,078	234 347,343	10,443	9,982
75	57	65 207	21 347,342	211 907,265	9,927	9,466
76	58	62 737	20 234,994	190 559,923	9,417	8,957
77	59	60 109	19 100,904	170 324,929	8,917	8,456
78	60	57 351	17 955,118	151 224,025	8,422	7,962
79	61	54 404	16 780,798	133 268,907	7,942	7,481
80	62	51 271	15 580,845	116 488,109	7,476	7,016
81	63	47 974	14 363,454	100 907,264	7,025	6,564
82	64	44 488	13 122,682	86 543,810	6,595	6,134
83	65	40 861	11 874,877	73 421,129	6,183	5,722
84	66	37 096	10 621,464	61 546,251	5,795	5,334
85	67	33 267	9 384,292	50 924,787	5,427	4,966
86	68	29 403	8 171,579	41 540,495	5,084	4,623
87	69	25 609	7 012,183	33 368,916	4,759	4,298
88	70	21 956	5 922,872	26 356,733	4,450	3,989
89	71	18 488	4 913,825	20 433,861	4,158	3,698
90	72	15 278	4 000,487	15 520,036	3,880	3,419
91	73	12 354	3 187,080	11 519,549	3,614	3,154
92	74	9 701	2 465,659	8 332,469	3,379	2,919
93	75	7 397	1 852,271	5 866,810	3,167	2,707
94	76	5 487	1 353,614	4 014,539	2,966	2,505
95	77	3 899	947,719	2 660,925	2,808	2,347
96	78	2 716	650,432	1 713,206	2,634	2,173
97	79	1 815	428,116	1 062,773	2,482	2,022
98	80	1 162	270,024	634,657	2,350	1,890
99	81	713	163,317	364,633	2,233	1,772
100	82	419	94,638	201,317	2,127	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	74 893,782	2 921 474,181	39,008	38,547
20	1	99 035	73 530,188	2 846 580,399	38,713	38,252
21	2	98 967	72 394,151	2 773 050,211	38,305	37,844
22	3	98 911	71 283,901	2 700 656,060	37,886	37,425
23	4	98 855	70 190,406	2 629 372,159	37,461	37,000
24	5	98 800	69 115,068	2 559 181,753	37,028	36,567
25	6	98 745	68 055,642	2 490 066,685	36,589	36,128
26	7	98 691	67 013,222	2 422 011,043	36,142	35,681
27	8	98 639	65 988,343	2 354 997,820	35,688	35,227
28	9	98 581	64 974,815	2 289 009,478	35,229	34,768
29	10	98 524	63 977,483	2 224 034,662	34,763	34,302
30	11	98 462	62 992,178	2 160 057,179	34,291	33,830
31	12	98 398	62 020,885	2 097 065,001	33,812	33,351
32	13	98 322	61 057,429	2 035 044,115	33,330	32,869
33	14	98 245	60 107,809	1 973 986,687	32,841	32,380
34	15	98 165	59 171,257	1 913 878,877	32,345	31,884
35	16	98 074	58 242,573	1 854 707,621	31,845	31,384
36	17	97 973	57 322,815	1 796 465,048	31,339	30,879
37	18	97 871	56 417,308	1 739 142,233	30,826	30,366
38	19	97 760	55 520,166	1 682 724,925	30,308	29,848
39	20	97 638	54 631,716	1 627 204,759	29,785	29,324
40	21	97 514	53 755,652	1 572 573,042	29,254	28,793
41	22	97 375	52 885,920	1 518 817,390	28,719	28,258
42	23	97 229	52 026,337	1 465 931,470	28,177	27,716
43	24	97 063	51 169,994	1 413 905,133	27,632	27,171
44	25	96 888	50 322,693	1 362 735,139	27,080	26,619
45	26	96 696	49 480,757	1 312 412,446	26,524	26,063
46	27	96 479	48 640,391	1 262 931,688	25,965	25,504
47	28	96 248	47 806,425	1 214 291,297	25,400	24,939
48	29	95 984	46 971,131	1 166 484,872	24,834	24,373
49	30	95 692	46 136,162	1 119 513,742	24,265	23,805
50	31	95 363	45 297,853	1 073 377,580	23,696	23,235
51	32	94 997	44 457,240	1 028 079,727	23,125	22,664
52	33	94 598	43 615,983	983 622,486	22,552	22,091
53	34	94 145	42 766,017	940 006,504	21,980	21,519
54	35	93 639	41 907,517	897 240,487	21,410	20,949
55	36	93 080	41 041,521	855 332,970	20,841	20,380
56	37	92 464	40 167,549	814 291,449	20,272	19,812
57	38	91 790	39 285,545	774 123,900	19,705	19,244
58	39	91 045	38 390,623	734 838,355	19,141	18,680
59	40	90 223	37 481,686	696 447,731	18,581	18,120
60	41	89 327	36 561,341	658 966,045	18,024	17,563
61	42	88 363	35 632,134	622 404,704	17,468	17,007
62	43	87 320	34 690,993	586 772,570	16,914	16,453
63	44	86 183	33 733,462	552 081,576	16,366	15,905
64	45	84 970	32 767,166	518 348,114	15,819	15,358
65	46	83 664	31 786,638	485 580,948	15,276	14,815
66	47	82 274	30 796,488	453 794,310	14,735	14,274
67	48	80 813	29 802,631	422 997,822	14,193	13,733
68	49	79 235	28 788,910	393 195,191	13,658	13,197
69	50	77 612	27 782,553	364 406,282	13,116	12,656
70	51	75 861	26 754,326	336 623,729	12,582	12,121
71	52	73 997	25 711,471	309 869,402	12,052	11,591
72	53	72 015	24 652,957	284 157,931	11,526	11,066
73	54	69 940	23 588,861	259 504,974	11,001	10,540
74	55	67 757	22 514,678	235 916,113	10,478	10,018
75	56	65 444	21 424,876	213 401,435	9,960	9,500
76	57	62 988	20 316,101	191 976,559	9,449	8,989
77	58	60 375	19 185,523	171 660,457	8,947	8,487
78	59	57 629	18 042,262	152 474,934	8,451	7,990
79	60	54 699	16 871,754	134 432,672	7,968	7,507
80	61	51 560	15 668,512	117 560,918	7,503	7,042
81	62	48 268	14 451,269	101 892,407	7,051	6,590
82	63	44 782	13 209,660	87 441,138	6,619	6,159
83	64	41 161	11 962,049	74 231,478	6,206	5,745
84	65	37 396	10 707,253	62 269,429	5,816	5,355
85	66	33 560	9 466,990	51 562,176	5,447	4,986
86	67	29 690	8 251,573	42 095,186	5,101	4,641
87	68	25 874	7 084,550	33 843,613	4,777	4,316
88	69	22 204	5 989,791	26 759,063	4,467	4,007
89	70	18 716	4 974,431	20 769,272	4,175	3,714
90	71	15 485	4 054,782	15 794,841	3,895	3,435
91	72	12 534	3 233,675	11 740,059	3,631	3,170
92	73	9 853	2 504,434	8 506,384	3,397	2,936
93	74	7 526	1 884,512	6 001,949	3,185	2,724
94	75	5 593	1 379,926	4 117,437	2,984	2,523
95	76	3 986	968,866	2 737,511	2,825	2,365
96	77	2 784	666,735	1 768,646	2,653	2,192
97	78	1 867	440,494	1 101,910	2,502	2,041
98	79	1 201	279,217	661,416	2,369	1,908
99	80	742	169,840	382,200	2,250	1,790
100	81	439	99,000	212,360	2,145	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	73 756,167	2 849 249,723	38,631	38,170
21	1	98 990	72 410,882	2 775 493,557	38,330	37,869
22	2	98 923	71 292,390	2 703 082,674	37,915	37,455
23	3	98 866	70 198,769	2 631 790,284	37,491	37,030
24	4	98 809	69 121,353	2 561 591,515	37,059	36,599
25	5	98 752	68 060,746	2 492 470,162	36,621	36,160
26	6	98 698	67 017,634	2 424 409,415	36,176	35,715
27	7	98 644	65 991,596	2 357 391,782	35,723	35,262
28	8	98 587	64 978,838	2 291 400,186	35,264	34,803
29	9	98 530	63 981,623	2 226 421,348	34,798	34,337
30	10	98 468	62 995,911	2 162 439,724	34,327	33,866
31	11	98 405	62 025,505	2 099 443,813	33,848	33,387
32	12	98 330	61 062,260	2 037 418,308	33,366	32,905
33	13	98 253	60 112,962	1 976 356,048	32,877	32,417
34	14	98 175	59 177,467	1 916 243,086	32,381	31,920
35	15	98 086	58 249,860	1 857 065,620	31,881	31,420
36	16	97 987	57 330,904	1 798 815,760	31,376	30,915
37	17	97 886	56 425,570	1 741 484,855	30,863	30,403
38	18	97 780	55 531,474	1 685 059,285	30,344	29,883
39	19	97 657	54 642,264	1 629 527,811	29,822	29,361
40	20	97 532	53 765,608	1 574 885,547	29,292	28,831
41	21	97 391	52 894,677	1 521 119,939	28,758	28,297
42	22	97 246	52 035,342	1 468 225,262	28,216	27,755
43	23	97 084	51 181,100	1 416 189,920	27,670	27,209
44	24	96 904	50 331,228	1 365 008,820	27,121	26,660
45	25	96 714	49 489,985	1 314 677,593	26,565	26,104
46	26	96 498	48 649,857	1 265 187,608	26,006	25,545
47	27	96 269	47 816,869	1 216 537,750	25,442	24,981
48	28	96 008	46 982,848	1 168 720,881	24,875	24,415
49	29	95 717	46 148,104	1 121 738,033	24,307	23,847
50	30	95 391	45 311,307	1 075 589,929	23,738	23,277
51	31	95 027	44 471,435	1 030 278,621	23,167	22,706
52	32	94 630	43 631,125	985 807,186	22,594	22,133
53	33	94 179	42 781,249	942 176,061	22,023	21,562
54	34	93 676	41 923,914	899 394,812	21,453	20,992
55	35	93 117	41 058,047	857 470,899	20,884	20,424
56	36	92 508	40 186,390	816 412,852	20,316	19,855
57	37	91 833	39 303,634	776 226,462	19,749	19,289
58	38	91 098	38 413,120	736 922,828	19,184	18,723
59	39	90 276	37 504,027	698 509,708	18,625	18,164
60	40	89 388	36 586,172	661 005,680	18,067	17,606
61	41	88 430	35 659,337	624 419,508	17,511	17,050
62	42	87 392	34 719,804	588 760,171	16,957	16,497
63	43	86 261	33 763,848	554 040,367	16,409	15,948
64	44	85 057	32 800,624	520 276,519	15,862	15,401
65	45	83 757	31 822,023	487 475,895	15,319	14,858
66	46	82 378	30 835,640	455 653,872	14,777	14,316
67	47	80 929	29 845,416	424 818,232	14,234	13,773
68	48	79 362	28 835,033	394 972,816	13,698	13,237
69	49	77 753	27 832,971	366 137,783	13,155	12,694
70	50	76 011	26 807,154	338 304,812	12,620	12,159
71	51	74 161	25 768,388	311 497,657	12,088	11,628
72	52	72 192	24 713,636	285 729,269	11,562	11,101
73	53	70 132	23 653,509	261 015,633	11,035	10,574
74	54	67 961	22 582,644	237 362,124	10,511	10,050
75	55	65 662	21 496,101	214 779,480	9,992	9,531
76	56	63 217	20 389,890	193 283,379	9,479	9,019
77	57	60 617	19 262,424	172 893,489	8,976	8,515
78	58	57 884	18 122,191	153 631,065	8,478	8,017
79	59	54 964	16 953,640	135 508,873	7,993	7,532
80	60	51 839	15 753,439	118 555,234	7,526	7,065
81	61	48 539	14 532,580	102 801,795	7,074	6,613
82	62	45 056	13 290,421	88 269,214	6,642	6,181
83	63	41 434	12 041,334	74 978,794	6,227	5,766
84	64	37 671	10 785,853	62 937,459	5,835	5,374
85	65	33 831	9 543,454	52 151,606	5,465	5,004
86	66	29 952	8 324,289	42 608,152	5,119	4,658
87	67	26 127	7 153,903	34 283,864	4,792	4,332
88	68	22 433	6 051,607	27 129,961	4,483	4,022
89	69	18 928	5 030,634	21 078,354	4,190	3,729
90	70	15 676	4 104,793	16 047,720	3,910	3,449
91	71	12 705	3 277,563	11 942,927	3,644	3,183
92	72	9 997	2 541,049	8 665,364	3,410	2,949
93	73	7 644	1 914,148	6 124,314	3,199	2,739
94	74	5 691	1 403,945	4 210,166	2,999	2,538
95	75	4 063	987,699	2 806,221	2,841	2,380
96	76	2 846	681,612	1 818,522	2,668	2,207
97	77	1 914	451,535	1 136,910	2,518	2,057
98	78	1 236	287,289	685,375	2,386	1,925
99	79	767	175,622	398,086	2,267	1,806
100	80	456	102,954	222,464	2,161	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	72 633,421	2 777 956,138	38,246	37,785
22	1	98 946	71 308,867	2 705 322,717	37,938	37,477
23	2	98 878	70 207,129	2 634 013,850	37,518	37,057
24	3	98 821	69 129,589	2 563 806,721	37,087	36,626
25	4	98 761	68 066,936	2 494 677,132	36,650	36,190
26	5	98 705	67 022,660	2 426 610,196	36,206	35,745
27	6	98 651	65 995,940	2 359 587,536	35,754	35,293
28	7	98 592	64 982,042	2 293 591,596	35,296	34,835
29	8	98 537	63 985,585	2 228 609,554	34,830	34,369
30	9	98 474	62 999,988	2 164 623,969	34,359	33,898
31	10	98 411	62 029,181	2 101 623,982	33,881	33,420
32	11	98 337	61 066,808	2 039 594,801	33,399	32,939
33	12	98 261	60 117,718	1 978 527,993	32,911	32,450
34	13	98 184	59 182,540	1 918 410,275	32,415	31,954
35	14	98 096	58 255,973	1 859 227,735	31,915	31,454
36	15	97 999	57 338,078	1 800 971,762	31,410	30,949
37	16	97 900	56 433,533	1 743 633,684	30,897	30,436
38	17	97 794	55 539,606	1 687 200,151	30,378	29,918
39	18	97 677	54 653,393	1 631 660,545	29,855	29,394
40	19	97 551	53 775,988	1 577 007,151	29,325	28,865
41	20	97 409	52 904,473	1 523 231,163	28,792	28,331
42	21	97 262	52 043,958	1 470 326,690	28,252	27,791
43	22	97 101	51 189,958	1 418 282,732	27,706	27,245
44	23	96 925	50 342,151	1 367 092,774	27,156	26,695
45	24	96 730	49 498,379	1 316 750,623	26,602	26,141
46	25	96 516	48 658,930	1 267 252,244	26,044	25,583
47	26	96 287	47 826,175	1 218 593,314	25,480	25,019
48	27	96 029	46 993,113	1 170 767,139	24,914	24,453
49	28	95 741	46 159,616	1 123 774,026	24,345	23,885
50	29	95 416	45 323,036	1 077 614,410	23,776	23,316
51	30	95 056	44 484,644	1 032 291,374	23,206	22,745
52	31	94 661	43 645,056	987 806,730	22,633	22,172
53	32	94 212	42 796,101	944 161,674	22,062	21,601
54	33	93 709	41 938,846	901 365,573	21,492	21,032
55	34	93 154	41 074,111	859 426,727	20,924	20,463
56	35	92 545	40 202,571	818 352,615	20,356	19,895
57	36	91 876	39 322,070	778 150,044	19,789	19,328
58	37	91 140	38 430,807	738 827,975	19,225	18,764
59	38	90 329	37 526,005	700 397,167	18,664	18,204
60	39	89 441	36 607,979	662 871,162	18,107	17,646
61	40	88 491	35 683,556	626 263,183	17,550	17,090
62	41	87 459	34 746,311	590 579,627	16,997	16,536
63	42	86 332	33 791,888	555 833,316	16,449	15,988
64	43	85 133	32 830,169	522 041,428	15,901	15,440
65	44	83 842	31 854,516	489 211,259	15,358	14,897
66	45	82 470	30 869,967	457 356,743	14,816	14,355
67	46	81 032	29 883,360	426 486,777	14,272	13,811
68	47	79 476	28 876,429	396 603,417	13,735	13,274
69	48	77 877	27 877,563	367 726,988	13,191	12,730
70	49	76 148	26 855,802	339 849,425	12,655	12,194
71	50	74 308	25 819,269	312 993,623	12,122	11,662
72	51	72 352	24 768,344	287 174,353	11,594	11,134
73	52	70 305	23 711,729	262 406,009	11,067	10,606
74	53	68 148	22 644,535	238 694,281	10,541	10,080
75	54	65 860	21 560,992	216 049,746	10,020	9,560
76	55	63 427	20 457,674	194 488,754	9,507	9,046
77	56	60 837	19 332,386	174 031,080	9,002	8,541
78	57	58 116	18 194,830	154 698,694	8,502	8,042
79	58	55 208	17 028,746	136 503,864	8,016	7,555
80	59	52 091	15 829,897	119 475,118	7,547	7,087
81	60	48 802	14 611,350	103 645,221	7,093	6,633
82	61	45 310	13 365,200	89 033,870	6,662	6,201
83	62	41 687	12 114,952	75 668,670	6,246	5,785
84	63	37 920	10 857,342	63 553,717	5,854	5,393
85	64	34 080	9 613,511	52 696,375	5,481	5,021
86	65	30 194	8 391,523	43 082,864	5,134	4,673
87	66	26 357	7 216,946	34 691,341	4,807	4,346
88	67	22 652	6 110,848	27 474,396	4,496	4,035
89	68	19 123	5 082,552	21 363,548	4,203	3,743
90	69	15 853	4 151,171	16 280,996	3,922	3,461
91	70	12 861	3 317,988	12 129,825	3,656	3,195
92	71	10 133	2 575,537	8 811,837	3,421	2,961
93	72	7 756	1 942,133	6 236,301	3,211	2,750
94	73	5 780	1 426,024	4 294,168	3,011	2,550
95	74	4 134	1 004,891	2 868,144	2,854	2,393
96	75	2 902	694,862	1 863,253	2,681	2,221
97	76	1 957	461,610	1 168,391	2,531	2,070
98	77	1 267	294,490	706,781	2,400	1,939
99	78	789	180,700	412,291	2,282	1,821
100	79	472	106,459	231,591	2,175	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	71 528,019	2 707 594,908	37,854	37,393
23	1	98 901	70 223,355	2 636 066,889	37,538	37,078
24	2	98 833	69 137,822	2 565 843,534	37,112	36,651
25	3	98 773	68 075,046	2 496 705,712	36,676	36,215
26	4	98 714	67 028,755	2 428 630,666	36,233	35,772
27	5	98 658	66 000,890	2 361 601,911	35,781	35,321
28	6	98 599	64 986,319	2 295 601,021	35,324	34,864
29	7	98 541	63 988,739	2 230 614,702	34,859	34,399
30	8	98 480	63 003,888	2 166 625,963	34,389	33,928
31	9	98 417	62 033,195	2 103 622,074	33,911	33,450
32	10	98 343	61 070,427	2 041 588,880	33,430	32,969
33	11	98 268	60 122,196	1 980 518,453	32,942	32,481
34	12	98 191	59 187,222	1 920 396,256	32,446	31,985
35	13	98 105	58 260,967	1 861 209,034	31,946	31,485
36	14	98 009	57 344,095	1 802 948,067	31,441	30,980
37	15	97 912	56 440,594	1 745 603,972	30,928	30,467
38	16	97 808	55 547,444	1 689 163,378	30,409	29,949
39	17	97 691	54 661,397	1 633 615,934	29,886	29,425
40	18	97 571	53 786,941	1 578 954,537	29,356	28,895
41	19	97 428	52 914,687	1 525 167,596	28,823	28,362
42	20	97 280	52 053,597	1 472 252,908	28,283	27,823
43	21	97 117	51 198,434	1 420 199,312	27,739	27,278
44	22	96 942	50 350,864	1 369 000,877	27,189	26,728
45	23	96 751	49 509,121	1 318 650,013	26,634	26,174
46	24	96 533	48 667,183	1 269 140,892	26,078	25,617
47	25	96 305	47 835,094	1 220 473,709	25,514	25,053
48	26	96 048	47 002,258	1 172 638,615	24,949	24,488
49	27	95 762	46 169,701	1 125 636,357	24,380	23,920
50	28	95 440	45 334,342	1 079 466,656	23,811	23,350
51	29	95 080	44 496,159	1 034 132,314	23,241	22,780
52	30	94 689	43 658,020	989 636,155	22,668	22,207
53	31	94 242	42 809,766	945 978,135	22,097	21,636
54	32	93 742	41 953,406	903 168,369	21,528	21,067
55	33	93 187	41 088,741	861 214,964	20,960	20,499
56	34	92 581	40 218,301	820 126,223	20,392	19,931
57	35	91 913	39 337,903	779 907,922	19,826	19,365
58	36	91 183	38 448,834	740 570,019	19,261	18,800
59	37	90 371	37 543,283	702 121,185	18,702	18,241
60	38	89 494	36 629,432	664 577,902	18,143	17,682
61	39	88 543	35 704,825	627 948,470	17,587	17,126
62	40	87 518	34 769,909	592 243,645	17,033	16,572
63	41	86 398	33 817,687	557 473,736	16,485	16,024
64	42	85 204	32 857,434	523 656,049	15,937	15,476
65	43	83 918	31 883,208	490 798,615	15,394	14,933
66	44	82 554	30 901,487	458 915,407	14,851	14,390
67	45	81 122	29 916,626	428 013,919	14,307	13,846
68	46	79 577	28 913,141	398 097,293	13,769	13,308
69	47	77 989	27 917,584	369 184,153	13,224	12,763
70	48	76 270	26 898,829	341 266,568	12,687	12,226
71	49	74 442	25 866,124	314 367,739	12,154	11,693
72	50	72 495	24 817,251	288 501,615	11,625	11,164
73	51	70 460	23 764,219	263 684,364	11,096	10,635
74	52	68 315	22 700,271	239 920,146	10,569	10,108
75	53	66 041	21 620,082	217 219,875	10,047	9,586
76	54	63 619	20 519,430	195 599,793	9,532	9,072
77	55	61 040	19 396,654	175 080,362	9,026	8,566
78	56	58 328	18 260,914	155 683,708	8,526	8,065
79	57	55 429	17 097,002	137 422,794	8,038	7,577
80	58	52 322	15 900,025	120 325,792	7,568	7,107
81	59	49 039	14 682,266	104 425,766	7,112	6,652
82	60	45 555	13 437,643	89 743,500	6,679	6,218
83	61	41 922	12 183,118	76 305,857	6,263	5,802
84	62	38 152	10 923,722	64 122,739	5,870	5,409
85	63	34 306	9 677,230	53 199,017	5,497	5,037
86	64	30 416	8 453,124	43 521,788	5,149	4,688
87	65	26 570	7 275,236	35 068,664	4,820	4,359
88	66	22 852	6 164,699	27 793,428	4,508	4,048
89	67	19 310	5 132,306	21 628,728	4,214	3,753
90	68	16 017	4 194,012	16 496,422	3,933	3,473
91	69	13 007	3 355,476	12 302,411	3,666	3,206
92	70	10 258	2 607,303	8 946,935	3,431	2,971
93	71	7 861	1 968,492	6 339,632	3,221	2,760
94	72	5 865	1 446,872	4 371,140	3,021	2,560
95	73	4 199	1 020,694	2 924,268	2,865	2,404
96	74	2 952	706,956	1 903,574	2,693	2,232
97	75	1 995	470,583	1 196,617	2,543	2,082
98	76	1 295	301,061	726,034	2,412	1,951
99	77	809	185,229	424,973	2,294	1,834
100	78	485	109,537	239,744	2,189	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	70 439,171	2 638 163,698	37,453	36,992
24	1	98 856	69 153,801	2 567 724,527	37,131	36,670
25	2	98 785	68 083,153	2 498 570,727	36,699	36,238
26	3	98 726	67 036,742	2 430 487,573	36,256	35,795
27	4	98 667	66 006,892	2 363 450,832	35,806	35,345
28	5	98 606	64 991,193	2 297 443,940	35,350	34,889
29	6	98 548	63 992,952	2 232 452,746	34,886	34,425
30	7	98 485	63 006,994	2 168 459,795	34,416	33,955
31	8	98 423	62 037,035	2 105 452,800	33,939	33,478
32	9	98 350	61 074,379	2 043 415,765	33,458	32,997
33	10	98 274	60 125,759	1 982 341,386	32,970	32,509
34	11	98 199	59 191,631	1 922 215,627	32,474	32,014
35	12	98 112	58 265,577	1 863 023,996	31,975	31,514
36	13	98 017	57 349,011	1 804 758,419	31,470	31,009
37	14	97 922	56 446,517	1 747 409,408	30,957	30,496
38	15	97 820	55 554,394	1 690 962,891	30,438	29,977
39	16	97 705	54 669,111	1 635 408,497	29,915	29,454
40	17	97 585	53 794,818	1 580 739,386	29,385	28,924
41	18	97 448	52 925,465	1 526 944,568	28,851	28,390
42	19	97 299	52 063,646	1 474 019,103	28,312	27,851
43	20	97 135	51 207,917	1 421 955,457	27,768	27,307
44	21	96 958	50 359,201	1 370 747,541	27,219	26,759
45	22	96 768	49 517,690	1 320 388,339	26,665	26,204
46	23	96 554	48 677,745	1 270 870,649	26,108	25,647
47	24	96 322	47 843,207	1 222 192,904	25,546	25,085
48	25	96 066	47 011,024	1 174 349,697	24,980	24,520
49	26	95 781	46 178,686	1 127 338,673	24,413	23,952
50	27	95 461	45 344,247	1 081 159,987	23,843	23,383
51	28	95 104	44 507,259	1 035 815,740	23,273	22,812
52	29	94 713	43 669,320	991 308,481	22,700	22,240
53	30	94 270	42 822,481	947 639,161	22,129	21,669
54	31	93 772	41 966,801	904 816,680	21,560	21,099
55	32	93 219	41 103,006	862 849,879	20,992	20,532
56	33	92 614	40 232,626	821 746,873	20,425	19,964
57	34	91 949	39 353,294	781 514,247	19,859	19,398
58	35	91 220	38 464,315	742 160,953	19,295	18,834
59	36	90 413	37 560,894	703 696,638	18,735	18,274
60	37	89 535	36 646,297	666 135,744	18,177	17,717
61	38	88 595	35 725,748	629 489,447	17,620	17,159
62	39	87 570	34 790,634	593 763,699	17,067	16,606
63	40	86 457	33 840,654	558 973,065	16,518	16,057
64	41	85 269	32 882,519	525 132,410	15,970	15,509
65	42	83 988	31 909,687	492 249,892	15,426	14,966
66	43	82 628	30 929,322	460 340,204	14,884	14,423
67	44	81 205	29 947,173	429 410,882	14,339	13,878
68	45	79 665	28 945,327	399 463,709	13,801	13,340
69	46	78 088	27 953,077	370 518,382	13,255	12,794
70	47	76 380	26 937,445	342 565,305	12,717	12,256
71	48	74 562	25 907,565	315 627,860	12,183	11,722
72	49	72 627	24 862,287	289 720,295	11,653	11,192
73	50	70 599	23 811,143	264 858,008	11,123	10,662
74	51	68 467	22 750,521	241 046,865	10,595	10,134
75	52	66 203	21 673,297	218 296,344	10,072	9,611
76	53	63 793	20 575,667	196 623,047	9,556	9,095
77	54	61 224	19 455,207	176 047,380	9,049	8,588
78	55	58 521	18 321,621	156 592,173	8,547	8,086
79	56	55 630	17 159,099	138 270,552	8,058	7,597
80	57	52 531	15 963,757	121 111,453	7,587	7,126
81	58	49 256	14 747,310	105 147,696	7,130	6,669
82	59	45 776	13 502,862	90 400,386	6,695	6,234
83	60	42 149	12 249,154	76 897,524	6,278	5,817
84	61	38 367	10 985,185	64 648,370	5,885	5,424
85	62	34 515	9 736,394	53 663,185	5,512	5,051
86	63	30 617	8 509,152	43 926,791	5,162	4,702
87	64	26 765	7 328,642	35 417,639	4,833	4,372
88	65	23 037	6 214,491	28 088,997	4,520	4,059
89	66	19 481	5 177,534	21 874,506	4,225	3,764
90	67	16 174	4 235,068	16 696,972	3,943	3,482
91	68	13 141	3 390,105	12 461,904	3,676	3,215
92	69	10 374	2 636,761	9 071,799	3,441	2,980
93	70	7 958	1 992,771	6 435,038	3,229	2,768
94	71	5 944	1 466,509	4 442,267	3,029	2,568
95	72	4 261	1 035,617	2 975,757	2,873	2,413
96	73	2 999	718,074	1 940,141	2,702	2,241
97	74	2 029	478,774	1 222,067	2,552	2,092
98	75	1 320	306,913	743,293	2,422	1,961
99	76	827	189,362	436,379	2,304	1,844
100	77	498	112,283	247,017	2,200	1,739

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	69 366,329	2 569 659,764	37,045	36,584
25	1	98 808	68 098,888	2 500 293,435	36,716	36,255
26	2	98 737	67 044,725	2 432 194,547	36,277	35,816
27	3	98 679	66 014,757	2 365 149,822	35,828	35,367
28	4	98 615	64 997,104	2 299 135,065	35,373	34,912
29	5	98 555	63 997,751	2 234 137,961	34,910	34,449
30	6	98 491	63 011,142	2 170 140,210	34,441	33,980
31	7	98 428	62 040,094	2 107 129,068	33,964	33,503
32	8	98 356	61 078,160	2 045 088,974	33,483	33,022
33	9	98 281	60 129,650	1 984 010,814	32,996	32,535
34	10	98 205	59 195,139	1 923 881,164	32,501	32,040
35	11	98 120	58 269,917	1 864 686,026	32,001	31,540
36	12	98 025	57 353,549	1 806 416,109	31,496	31,035
37	13	97 930	56 451,356	1 749 062,560	30,984	30,523
38	14	97 830	55 560,225	1 692 611,204	30,464	30,004
39	15	97 717	54 675,951	1 637 050,980	29,941	29,480
40	16	97 599	53 802,409	1 582 375,029	29,411	28,950
41	17	97 462	52 933,215	1 528 572,619	28,877	28,417
42	18	97 319	52 074,251	1 475 639,404	28,337	27,876
43	19	97 154	51 217,803	1 423 565,153	27,794	27,334
44	20	96 976	50 368,528	1 372 347,351	27,246	26,785
45	21	96 784	49 525,890	1 321 978,822	26,693	26,232
46	22	96 570	48 686,170	1 272 452,933	26,136	25,675
47	23	96 343	47 853,591	1 223 766,763	25,573	25,112
48	24	96 082	47 018,997	1 175 913,172	25,009	24,549
49	25	95 798	46 187,298	1 128 894,175	24,442	23,981
50	26	95 479	45 353,071	1 082 706,877	23,873	23,412
51	27	95 125	44 516,983	1 037 353,806	23,302	22,842
52	28	94 737	43 680,214	992 836,823	22,730	22,269
53	29	94 294	42 833,566	949 156,609	22,159	21,698
54	30	93 800	41 979,266	906 323,044	21,590	21,129
55	31	93 249	41 116,130	864 343,777	21,022	20,561
56	32	92 646	40 246,593	823 227,648	20,455	19,994
57	33	91 981	39 367,311	782 981,055	19,889	19,428
58	34	91 255	38 479,365	743 613,744	19,325	18,864
59	35	90 450	37 576,017	705 134,379	18,766	18,305
60	36	89 577	36 663,487	667 558,361	18,208	17,747
61	37	88 636	35 742,198	630 894,874	17,651	17,190
62	38	87 622	34 811,021	595 152,677	17,097	16,636
63	39	86 508	33 860,825	560 341,655	16,548	16,088
64	40	85 327	32 904,851	526 480,830	16,000	15,539
65	41	84 052	31 934,049	493 575,979	15,456	14,995
66	42	82 697	30 955,008	461 641,930	14,913	14,453
67	43	81 278	29 974,148	430 686,922	14,369	13,908
68	44	79 747	28 974,882	400 712,774	13,830	13,369
69	45	78 175	27 984,194	371 737,891	13,284	12,823
70	46	76 477	26 971,692	343 753,697	12,745	12,284
71	47	74 669	25 944,758	316 782,005	12,210	11,749
72	48	72 743	24 902,120	290 837,247	11,679	11,218
73	49	70 728	23 854,354	265 935,127	11,148	10,687
74	50	68 602	22 795,444	242 080,773	10,620	10,159
75	51	66 350	21 721,274	219 285,330	10,095	9,635
76	52	63 950	20 626,310	197 564,055	9,578	9,117
77	53	61 392	19 508,527	176 937,745	9,070	8,609
78	54	58 698	18 376,929	157 429,218	8,567	8,106
79	55	55 815	17 216,143	139 052,289	8,077	7,616
80	56	52 722	16 021,738	121 836,147	7,604	7,144
81	57	49 454	14 806,421	105 814,409	7,147	6,686
82	58	45 979	13 562,681	91 007,987	6,710	6,249
83	59	42 354	12 308,604	77 445,307	6,292	5,831
84	60	38 575	11 044,727	65 136,702	5,898	5,437
85	61	34 710	9 791,177	54 091,975	5,525	5,064
86	62	30 804	8 561,175	44 300,798	5,175	4,714
87	63	26 943	7 377,217	35 739,623	4,845	4,384
88	64	23 206	6 260,110	28 362,406	4,531	4,070
89	65	19 638	5 219,353	22 102,296	4,235	3,774
90	66	16 316	4 272,389	16 882,943	3,952	3,491
91	67	13 269	3 423,292	12 610,554	3,684	3,223
92	68	10 481	2 663,973	9 187,262	3,449	2,988
93	69	8 048	2 015,286	6 523,289	3,237	2,776
94	70	6 018	1 484,597	4 508,003	3,037	2,576
95	71	4 318	1 049,672	3 023,406	2,880	2,420
96	72	3 042	728,572	1 973,734	2,709	2,248
97	73	2 061	486,303	1 245,161	2,560	2,100
98	74	1 343	312,256	758,858	2,430	1,969
99	75	843	193,043	446,603	2,313	1,853
100	76	509	114,788	253,560	2,209	1,748

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	68 308,175	2 502 079,838	36,629	36,168
26	1	98 760	67 060,220	2 433 771,663	36,292	35,832
27	2	98 691	66 022,619	2 366 711,443	35,847	35,386
28	3	98 627	65 004,848	2 300 688,825	35,393	34,932
29	4	98 564	64 003,571	2 235 683,977	34,931	34,470
30	5	98 499	63 015,868	2 171 680,406	34,462	34,002
31	6	98 435	62 044,178	2 108 664,538	33,987	33,526
32	7	98 360	61 081,171	2 046 620,360	33,507	33,046
33	8	98 287	60 133,373	1 985 539,188	33,019	32,558
34	9	98 211	59 198,969	1 925 405,816	32,524	32,064
35	10	98 125	58 273,370	1 866 206,846	32,025	31,564
36	11	98 033	57 357,821	1 807 933,477	31,520	31,059
37	12	97 938	56 455,823	1 750 575,656	31,008	30,547
38	13	97 839	55 564,987	1 694 119,833	30,489	30,028
39	14	97 728	54 681,689	1 638 554,846	29,965	29,505
40	15	97 611	53 809,141	1 583 873,157	29,435	28,974
41	16	97 476	52 940,685	1 530 064,016	28,901	28,441
42	17	97 333	52 081,876	1 477 123,330	28,362	27,901
43	18	97 174	51 228,235	1 425 041,454	27,818	27,357
44	19	96 995	50 378,252	1 373 813,219	27,270	26,809
45	20	96 802	49 535,062	1 323 434,967	26,717	26,256
46	21	96 586	48 694,232	1 273 899,905	26,161	25,700
47	22	96 359	47 861,873	1 225 205,673	25,599	25,138
48	23	96 103	47 029,201	1 177 343,800	25,034	24,574
49	24	95 815	46 195,132	1 130 314,599	24,468	24,007
50	25	95 497	45 361,529	1 084 119,467	23,900	23,439
51	26	95 143	44 525,646	1 038 757,938	23,329	22,869
52	27	94 758	43 689,757	994 232,292	22,757	22,296
53	28	94 318	42 844,251	950 542,535	22,186	21,725
54	29	93 824	41 990,133	907 698,284	21,617	21,156
55	30	93 277	41 128,342	865 708,151	21,049	20,588
56	31	92 676	40 259,444	824 579,809	20,482	20,021
57	32	92 013	39 380,978	784 320,366	19,916	19,455
58	33	91 288	38 493,070	744 939,387	19,353	18,892
59	34	90 485	37 590,720	706 446,317	18,793	18,332
60	35	89 613	36 678,249	668 855,598	18,236	17,775
61	36	88 678	35 758,963	632 177,348	17,679	17,218
62	37	87 662	34 827,050	596 418,385	17,125	16,664
63	38	86 559	33 880,668	561 591,335	16,576	16,115
64	39	85 378	32 924,465	527 710,668	16,028	15,567
65	40	84 109	31 955,737	494 786,203	15,483	15,023
66	41	82 760	30 978,641	462 830,466	14,940	14,480
67	42	81 345	29 999,041	431 851,825	14,396	13,935
68	43	79 819	29 000,981	401 852,784	13,857	13,396
69	44	78 255	28 012,769	372 851,803	13,310	12,849
70	45	76 562	27 001,716	344 839,034	12,771	12,310
71	46	74 764	25 977,743	317 837,318	12,235	11,774
72	47	72 847	24 937,870	291 859,575	11,703	11,243
73	48	70 841	23 892,572	266 921,705	11,172	10,711
74	49	68 726	22 836,811	243 029,133	10,642	10,181
75	50	66 481	21 764,164	220 192,322	10,117	9,656
76	51	64 092	20 671,970	198 428,158	9,599	9,138
77	52	61 543	19 556,544	177 756,187	9,089	8,629
78	53	58 859	18 427,293	158 199,643	8,585	8,124
79	54	55 984	17 268,113	139 772,350	8,094	7,633
80	55	52 897	16 075,001	122 504,237	7,621	7,160
81	56	49 633	14 860,198	106 429,236	7,162	6,701
82	57	46 163	13 617,044	91 569,038	6,725	6,264
83	58	42 541	12 363,133	77 951,994	6,305	5,844
84	59	38 762	11 098,332	65 588,861	5,910	5,449
85	60	34 898	9 844,248	54 490,529	5,535	5,074
86	61	30 978	8 609,345	44 646,281	5,186	4,725
87	62	27 107	7 422,320	36 036,936	4,855	4,394
88	63	23 359	6 301,603	28 614,616	4,541	4,080
89	64	19 782	5 257,667	22 313,014	4,244	3,783
90	65	16 448	4 306,897	17 055,347	3,960	3,499
91	66	13 386	3 453,459	12 748,450	3,692	3,231
92	67	10 584	2 690,052	9 294,991	3,455	2,995
93	68	8 131	2 036,084	6 604,939	3,244	2,783
94	69	6 085	1 501,370	4 568,855	3,043	2,582
95	70	4 372	1 062,618	3 067,484	2,887	2,426
96	71	3 084	738,461	2 004,866	2,715	2,254
97	72	2 091	493,413	1 266,405	2,567	2,106
98	73	1 364	317,166	772,992	2,437	1,976
99	74	858	196,403	455,826	2,321	1,860
100	75	519	117,020	259,423	2,217	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	4 140 197,803	41,402	40,941
1	1	99 340	97 631,490	4 040 197,803	41,382	40,921
2	2	99 290	95 904,023	3 942 566,313	41,109	40,648
3	3	99 263	94 228,645	3 846 662,290	40,823	40,361
4	4	99 238	92 585,050	3 752 433,645	40,530	40,068
5	5	99 218	90 973,852	3 659 848,595	40,230	39,768
6	6	99 201	89 394,061	3 568 874,744	39,923	39,462
7	7	99 184	87 841,677	3 479 480,683	39,611	39,150
8	8	99 171	86 319,362	3 391 639,006	39,292	38,831
9	9	99 157	84 822,591	3 305 319,644	38,967	38,506
10	10	99 142	83 351,629	3 220 497,053	38,637	38,176
11	11	99 129	81 906,909	3 137 145,424	38,301	37,840
12	12	99 112	80 485,007	3 055 238,516	37,960	37,499
13	13	99 097	79 088,288	2 974 753,509	37,613	37,152
14	14	99 079	77 713,952	2 895 665,221	37,261	36,799
15	15	99 056	76 360,109	2 817 951,270	36,903	36,442
16	16	99 029	75 026,124	2 741 591,160	36,542	36,081
17	17	98 990	73 706,355	2 666 565,036	36,178	35,717
18	18	98 946	72 406,835	2 592 858,681	35,810	35,348
19	19	98 888	71 119,743	2 520 451,846	35,440	34,978
20	20	98 828	69 853,882	2 449 332,103	35,064	34,602
21	21	98 765	68 608,812	2 379 478,221	34,682	34,221
22	22	98 704	67 387,496	2 310 869,409	34,292	33,831
23	23	98 643	66 187,171	2 243 481,913	33,896	33,435
24	24	98 576	65 004,838	2 177 294,742	33,494	33,033
25	25	98 512	63 845,107	2 112 289,904	33,085	32,623
26	26	98 446	62 705,150	2 048 444,796	32,668	32,207
27	27	98 380	61 585,498	1 985 739,646	32,244	31,782
28	28	98 307	60 481,135	1 924 154,148	31,814	31,353
29	29	98 232	59 395,485	1 863 673,014	31,377	30,916
30	30	98 150	58 325,419	1 804 277,529	30,935	30,473
31	31	98 064	57 272,243	1 745 952,110	30,485	30,024
32	32	97 966	56 230,518	1 688 679,867	30,031	29,570
33	33	97 863	55 205,529	1 632 449,349	29,570	29,109
34	34	97 759	54 198,219	1 577 243,820	29,101	28,640
35	35	97 642	53 202,353	1 523 045,601	28,627	28,166
36	36	97 516	52 219,881	1 469 843,248	28,147	27,686
37	37	97 384	51 252,173	1 417 623,368	27,660	27,199
38	38	97 248	50 300,329	1 366 371,195	27,164	26,703
39	39	97 089	49 354,409	1 316 070,866	26,666	26,205
40	40	96 925	48 423,760	1 266 716,457	26,159	25,698
41	41	96 737	47 498,852	1 218 292,697	25,649	25,188
42	42	96 536	46 584,523	1 170 793,845	25,133	24,671
43	43	96 312	45 677,161	1 124 209,322	24,612	24,151
44	44	96 067	44 777,710	1 078 532,160	24,086	23,625
45	45	95 797	43 883,749	1 033 754,451	23,557	23,095
46	46	95 495	42 992,965	989 870,701	23,024	22,563
47	47	95 165	42 107,680	946 877,736	22,487	22,026
48	48	94 793	41 221,423	904 770,057	21,949	21,488
49	49	94 378	40 335,014	863 548,633	21,409	20,948
50	50	93 910	39 444,963	823 213,619	20,870	20,409
51	51	93 395	38 554,051	783 768,656	20,329	19,868
52	52	92 829	37 661,293	745 214,605	19,787	19,326
53	53	92 192	36 759,281	707 553,312	19,248	18,787
54	54	91 481	35 848,669	670 794,031	18,712	18,251
55	55	90 697	34 930,273	634 945,362	18,178	17,716
56	56	89 841	34 005,391	600 015,089	17,645	17,184
57	57	88 905	33 072,137	566 009,698	17,114	16,653
58	58	87 882	32 129,457	532 937,561	16,587	16,126
59	59	86 756	31 172,242	500 808,104	16,066	15,605
60	60	85 538	30 206,109	469 635,861	15,548	15,087
61	61	84 223	29 230,076	439 429,752	15,033	14,572
62	62	82 831	28 252,719	410 199,676	14,519	14,058
63	63	81 330	27 263,397	381 946,957	14,010	13,548
64	64	79 738	26 270,222	354 683,560	13,501	13,040
65	65	78 027	25 264,333	328 413,337	12,999	12,538
66	66	76 212	24 252,370	303 149,005	12,500	12,039
67	67	74 312	23 240,841	278 896,635	12,000	11,539
68	68	72 270	22 213,580	255 655,794	11,509	11,048
69	69	70 194	21 204,375	233 442,214	11,009	10,548
70	70	67 978	20 181,635	212 237,839	10,516	10,055
71	71	65 645	19 153,911	192 056,204	10,027	9,566
72	72	63 186	18 119,415	172 902,293	9,542	9,081
73	73	60 647	17 092,238	154 782,878	9,056	8,595
74	74	58 019	16 070,216	137 690,640	8,568	8,107
75	75	55 263	15 043,639	121 620,424	8,085	7,623
76	76	52 364	14 009,421	106 576,785	7,608	7,146
77	77	49 293	12 960,999	92 567,364	7,142	6,681
78	78	46 104	11 913,952	79 606,365	6,682	6,221
79	79	42 737	10 853,777	67 692,413	6,237	5,776
80	80	39 169	9 776,617	56 838,636	5,814	5,353
81	81	35 458	8 698,134	47 062,018	5,411	4,949
82	82	31 640	7 628,162	38 363,885	5,029	4,568
83	83	27 801	6 587,217	30 735,723	4,666	4,205
84	84	23 966	5 580,789	24 148,506	4,327	3,866
85	85	20 224	4 628,429	18 567,717	4,012	3,550
86	86	16 656	3 746,260	13 939,288	3,721	3,260
87	87	13 353	2 951,877	10 193,028	3,453	2,992
88	88	10 406	2 260,769	7 241,151	3,203	2,742
89	89	7 852	1 676,594	4 980,382	2,971	2,509
90	90	5 716	1 199,411	3 303,787	2,755	2,293
91	91	3 996	824,053	2 104,376	2,554	2,092
92	92	2 654	537,866	1 280,323	2,380	1,919
93	93	1 672	333,168	742,458	2,228	1,767
94	94	1 000	195,800	409,289	2,090	1,629
95	95	556	106,925	213,489	1,997	1,535
96	96	298	56,351	106,564	1,891	1,430
97	97	150	27,810	50,213	1,806	1,344
98	98	72	13,080	22,403	1,713	1,252
99	99	32	5,706	9,323	1,634	1,173
100	100	13	2,310	3,617	1,566	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	4 128 905,835	41,416	40,955	50	51	93 725	39 367,230	813 252,226	20,658	20,197
1	2	99 317	97 608,932	4 029 212,221	41,279	40,818	51	52	93 189	38 468,893	773 884,996	20,117	19,656
2	3	99 278	95 892,602	3 931 603,289	41,000	40,539	52	53	92 601	37 568,823	735 416,103	19,575	19,114
3	4	99 251	94 217,419	3 835 710,687	40,711	40,250	53	54	91 940	36 658,813	697 847,280	19,036	18,575
4	5	99 229	92 576,631	3 741 493,268	40,415	39,954	54	55	91 206	35 740,778	661 188,467	18,500	18,038
5	6	99 210	90 967,029	3 648 916,637	40,113	39,651	55	56	90 397	34 814,535	625 447,689	17,965	17,504
6	7	99 194	89 388,176	3 557 949,608	39,803	39,342	56	57	89 516	33 882,329	590 633,154	17,432	16,971
7	8	99 179	87 837,347	3 468 561,431	39,488	39,027	57	58	88 550	32 940,104	556 750,824	16,902	16,441
8	9	99 165	86 314,018	3 380 724,085	39,168	38,707	58	59	87 494	31 987,749	523 810,720	16,375	15,914
9	10	99 150	84 817,103	3 294 410,067	38,841	38,380	59	60	86 337	31 021,680	491 822,972	15,854	15,393
10	11	99 136	83 346,690	3 209 592,964	38,509	38,048	60	61	85 077	30 043,268	460 801,292	15,338	14,877
11	12	99 121	81 900,808	3 126 246,275	38,171	37,710	61	62	83 752	29 066,530	430 758,024	14,820	14,359
12	13	99 105	80 478,639	3 044 345,466	37,828	37,367	62	63	82 328	28 081,038	401 691,494	14,305	13,844
13	14	99 088	79 081,508	2 963 866,828	37,479	37,017	63	64	80 794	27 083,884	373 610,456	13,795	13,333
14	15	99 068	77 705,797	2 884 785,319	37,124	36,663	64	65	79 157	26 078,782	346 526,572	13,288	12,826
15	16	99 044	76 350,557	2 807 079,523	36,766	36,304	65	66	77 402	25 061,911	320 447,790	12,786	12,325
16	17	99 015	75 015,538	2 730 728,966	36,402	35,941	66	67	75 547	24 040,515	295 385,880	12,287	11,826
17	18	98 975	73 695,563	2 655 713,428	36,036	35,575	67	68	73 591	23 015,535	271 345,365	11,790	11,328
18	19	98 926	72 392,090	2 582 017,865	35,667	35,206	68	69	71 532	21 986,673	248 329,829	11,295	10,833
19	20	98 869	71 106,015	2 509 625,775	35,294	34,833	69	70	69 410	20 967,476	226 343,157	10,795	10,334
20	21	98 809	69 840,947	2 438 519,760	34,915	34,454	70	71	67 149	19 935,751	205 375,681	10,302	9,841
21	22	98 749	68 597,454	2 368 678,813	34,530	34,069	71	72	64 766	18 897,433	185 439,929	9,813	9,352
22	23	98 687	67 375,834	2 300 081,359	34,138	33,677	72	73	62 276	17 858,326	166 542,496	9,326	8,865
23	24	98 621	66 172,810	2 232 705,525	33,741	33,279	73	74	59 708	16 827,603	148 684,170	8,836	8,375
24	25	98 559	64 993,815	2 166 532,715	33,334	32,873	74	75	57 026	15 795,280	131 856,567	8,348	7,887
25	26	98 493	63 833,203	2 101 538,900	32,922	32,461	75	76	54 209	14 756,794	116 061,287	7,865	7,404
26	27	98 427	62 692,949	2 037 705,697	32,503	32,042	76	77	51 221	13 703,651	101 304,493	7,393	6,931
27	28	98 359	61 572,046	1 975 012,748	32,076	31,615	77	78	48 088	12 644,078	87 600,842	6,928	6,467
28	29	98 282	60 466,051	1 913 440,702	31,645	31,184	78	79	44 809	11 579,167	74 956,764	6,473	6,012
29	30	98 206	59 380,114	1 852 974,651	31,205	30,744	79	80	41 330	10 496,435	63 377,597	6,038	5,577
30	31	98 121	58 308,100	1 793 594,536	30,761	30,299	80	81	37 665	9 401,117	52 881,162	5,625	5,164
31	32	98 033	57 253,962	1 735 286,437	30,309	29,847	81	82	33 896	8 314,871	43 480,045	5,229	4,768
32	33	97 932	56 211,003	1 678 032,474	29,852	29,391	82	83	30 048	7 244,148	35 165,173	4,854	4,393
33	34	97 828	55 185,873	1 621 821,471	29,388	28,927	83	84	26 186	6 204,619	27 921,025	4,500	4,039
34	35	97 720	54 177,021	1 566 635,598	28,917	28,456	84	85	22 355	5 205,643	21 716,406	4,172	3,711
35	36	97 602	53 180,940	1 512 458,576	28,440	27,979	85	86	18 662	4 271,015	16 510,763	3,866	3,405
36	37	97 470	52 195,397	1 459 277,637	27,958	27,497	86	87	15 175	3 413,189	12 239,748	3,586	3,125
37	38	97 339	51 228,585	1 407 082,239	27,467	27,006	87	88	12 002	2 653,176	8 826,559	3,327	2,866
38	39	97 191	50 270,870	1 355 853,654	26,971	26,510	88	89	9 211	2 001,176	6 173,382	3,085	2,624
39	40	97 031	49 325,009	1 305 582,784	26,469	26,008	89	90	6 824	1 457,098	4 172,206	2,863	2,402
40	41	96 859	48 390,895	1 256 257,775	25,961	25,499	90	91	4 870	1 021,974	2 715,108	2,657	2,196
41	42	96 664	47 462,617	1 207 866,880	25,449	24,988	91	92	3 327	686,160	1 693,134	2,468	2,006
42	43	96 455	46 545,866	1 160 404,263	24,930	24,469	92	93	2 156	436,984	1 006,974	2,304	1,843
43	44	96 225	45 636,055	1 113 858,397	24,407	23,946	93	94	1 323	263,470	569,990	2,163	1,702
44	45	95 969	44 732,034	1 068 222,342	23,880	23,419	94	95	765	149,754	306,520	2,047	1,586
45	46	95 691	43 834,953	1 023 490,307	23,349	22,888	95	96	417	80,297	156,766	1,952	1,491
46	47	95 374	42 938,375	979 655,355	22,815	22,354	96	97	218	41,165	76,469	1,858	1,396
47	48	95 029	42 047,317	936 716,979	22,278	21,816	97	98	108	20,105	35,304	1,756	1,295
48	49	94 641	41 155,487	894 669,662	21,739	21,278	98	99	50	9,094	15,199	1,671	1,210
49	50	94 207	40 261,950	853 514,176	21,199	20,738	99	100	21	3,820	6,104	1,598	1,137

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	4 117 101,395	41,307	40,846	50	52	93 518	39 280,277	802 570,584	20,432	19,971
1	3	99 305	97 597,309	4 017 430,816	41,163	40,702	51	53	92 960	38 374,441	763 290,307	19,891	19,429
2	4	99 266	95 881,178	3 919 833,507	40,882	40,421	52	54	92 348	37 466,142	724 915,867	19,349	18,887
3	5	99 242	94 208,851	3 823 952,330	40,590	40,129	53	55	91 663	36 548,483	687 449,725	18,809	18,348
4	6	99 222	92 569,688	3 729 743,478	40,291	39,830	54	56	90 904	35 622,355	650 901,241	18,272	17,811
5	7	99 204	90 961,041	3 637 173,790	39,986	39,525	55	57	90 070	34 688,546	615 278,887	17,737	17,276
6	8	99 189	89 383,770	3 546 212,749	39,674	39,213	56	58	89 159	33 747,062	580 590,341	17,204	16,743
7	9	99 173	87 831,909	3 456 828,979	39,357	38,896	57	59	88 159	32 794,820	546 843,279	16,675	16,213
8	10	99 158	86 308,433	3 368 997,070	39,034	38,573	58	60	87 072	31 833,248	514 048,460	16,148	15,687
9	11	99 144	84 812,077	3 282 688,637	38,705	38,244	59	61	85 871	30 854,442	482 215,212	15,629	15,168
10	12	99 129	83 340,482	3 197 876,561	38,371	37,910	60	62	84 601	29 875,172	451 360,770	15,108	14,647
11	13	99 113	81 894,328	3 114 536,079	38,031	37,570	61	63	83 243	28 889,904	421 485,598	14,589	14,128
12	14	99 096	80 471,740	3 032 641,750	37,686	37,225	62	64	81 786	27 896,141	392 595,694	14,073	13,612
13	15	99 078	79 073,210	2 952 170,010	37,335	36,873	63	65	80 205	26 886,514	364 699,554	13,564	13,103
14	16	99 056	77 696,075	2 873 096,800	36,979	36,517	64	66	78 523	25 869,835	337 813,040	13,058	12,597
15	17	99 030	76 339,783	2 795 400,725	36,618	36,157	65	67	76 726	24 842,984	311 943,205	12,557	12,095
16	18	99 001	75 004,554	2 719 060,941	36,252	35,791	66	68	74 814	23 807,457	287 100,221	12,059	11,598
17	19	98 955	73 680,556	2 644 056,387	35,885	35,424	67	69	72 840	22 780,436	263 292,764	11,558	11,097
18	20	98 907	72 378,117	2 570 375,832	35,513	35,052	68	70	70 733	21 741,033	240 512,328	11,063	10,601
19	21	98 851	71 092,849	2 497 997,715	35,137	34,676	69	71	68 564	20 712,018	218 771,295	10,563	10,101
20	22	98 793	69 829,384	2 426 904,866	34,755	34,294	70	72	66 250	19 668,804	198 059,276	10,070	9,609
21	23	98 731	68 585,583	2 357 075,482	34,367	33,906	71	73	63 833	18 625,134	178 390,472	9,578	9,117
22	24	98 666	67 361,215	2 288 489,899	33,973	33,512	72	74	61 312	17 581,830	159 765,338	9,087	8,626
23	25	98 605	66 161,589	2 221 128,684	33,571	33,110	73	75	58 687	16 539,710	142 183,508	8,596	8,135
24	26	98 541	64 981,696	2 154 967,095	33,163	32,701	74	76	55 939	15 494,103	125 643,798	8,109	7,648
25	27	98 474	63 820,783	2 089 985,399	32,748	32,287	75	77	53 026	14 434,711	110 149,695	7,631	7,170
26	28	98 405	62 679,255	2 026 164,616	32,326	31,865	76	78	49 969	13 368,571	95 714,985	7,160	6,698
27	29	98 334	61 556,690	1 963 485,361	31,897	31,436	77	79	46 737	12 288,776	82 346,414	6,701	6,240
28	30	98 257	60 450,404	1 901 928,671	31,463	31,001	78	80	43 333	11 197,943	70 057,638	6,256	5,795
29	31	98 177	59 362,482	1 841 478,267	31,021	30,560	79	81	39 742	10 093,289	58 859,695	5,832	5,370
30	32	98 090	58 289,488	1 782 115,785	30,574	30,112	80	82	36 005	8 986,880	48 766,406	5,426	4,965
31	33	97 999	57 234,093	1 723 826,297	30,119	29,658	81	83	32 189	7 896,288	39 779,526	5,038	4,577
32	34	97 897	56 190,990	1 666 592,204	29,659	29,198	82	84	28 302	6 823,394	31 883,239	4,673	4,211
33	35	97 790	55 164,289	1 610 401,214	29,193	28,732	83	85	24 426	5 787,538	25 059,844	4,330	3,869
34	36	97 681	54 155,216	1 555 236,925	28,718	28,257	84	86	20 628	4 803,657	19 272,306	4,012	3,551
35	37	97 557	53 156,006	1 501 081,709	28,239	27,778	85	87	17 003	3 891,289	14 468,649	3,718	3,257
36	38	97 425	52 171,376	1 447 925,703	27,753	27,292	86	88	13 639	3 067,808	10 577,360	3,448	2,987
37	39	97 282	51 198,583	1 395 754,327	27,262	26,800	87	89	10 624	2 348,525	7 509,552	3,198	2,736
38	40	97 133	50 240,924	1 344 555,745	26,762	26,301	88	90	8 005	1 739,186	5 161,026	2,967	2,506
39	41	96 965	49 291,532	1 294 314,821	26,258	25,797	89	91	5 815	1 241,539	3 421,840	2,756	2,295
40	42	96 785	48 353,979	1 245 023,289	25,748	25,287	90	92	4 055	850,962	2 180,301	2,562	2,101
41	43	96 583	47 423,232	1 196 669,310	25,234	24,773	91	93	2 703	557,465	1 329,339	2,385	1,923
42	44	96 369	46 503,978	1 149 246,078	24,713	24,252	92	94	1 705	345,568	771,874	2,234	1,772
43	45	96 127	45 589,505	1 102 742,099	24,189	23,727	93	95	1 012	201,509	426,306	2,116	1,654
44	46	95 863	44 682,294	1 057 152,595	23,659	23,198	94	96	574	112,460	224,797	1,999	1,538
45	47	95 569	43 779,294	1 012 470,300	23,127	22,665	95	97	305	58,658	112,337	1,915	1,454
46	48	95 237	42 876,822	968 691,006	22,592	22,131	96	98	157	29,760	53,679	1,804	1,343
47	49	94 877	41 980,059	925 814,185	22,054	21,592	97	99	75	13,978	23,919	1,711	1,250
48	50	94 470	41 080,936	883 834,126	21,514	21,053	98	100	33	6,088	9,940	1,633	1,171
49	51	94 021	40 182,607	842 753,191	20,973	20,512							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	4 104 472,905	41,185	40,724
1	4	99 293	97 585,681	4 004 814,195	41,039	40,578
2	5	99 257	95 872,459	3 907 228,514	40,754	40,293
3	6	99 234	94 201,786	3 811 356,054	40,459	39,998
4	7	99 215	92 563,595	3 717 154,268	40,158	39,697
5	8	99 199	90 956,557	3 624 590,673	39,850	39,388
6	9	99 183	89 378,236	3 533 634,116	39,536	39,075
7	10	99 167	87 826,225	3 444 255,880	39,217	38,756
8	11	99 152	86 303,319	3 356 429,655	38,891	38,430
9	12	99 137	84 805,760	3 270 126,336	38,560	38,099
10	13	99 121	83 333,888	3 185 320,577	38,224	37,762
11	14	99 105	81 887,309	3 101 986,688	37,881	37,420
12	15	99 086	80 463,296	3 020 099,380	37,534	37,073
13	16	99 066	79 063,318	2 939 636,084	37,181	36,720
14	17	99 042	77 685,112	2 860 572,766	36,823	36,361
15	18	99 016	76 328,606	2 782 887,654	36,459	35,998
16	19	98 981	74 989,280	2 706 559,048	36,093	35,631
17	20	98 936	73 666,334	2 631 569,768	35,723	35,262
18	21	98 889	72 364,715	2 557 903,434	35,347	34,886
19	22	98 834	71 081,079	2 485 538,720	34,968	34,506
20	23	98 776	69 817,300	2 414 457,641	34,583	34,121
21	24	98 710	68 570,701	2 344 640,341	34,193	33,732
22	25	98 649	67 349,793	2 276 069,639	33,795	33,334
23	26	98 586	66 149,252	2 208 719,847	33,390	32,929
24	27	98 522	64 969,053	2 142 570,595	32,978	32,517
25	28	98 453	63 806,842	2 077 601,542	32,561	32,100
26	29	98 381	62 663,624	2 013 794,700	32,137	31,675
27	30	98 309	61 540,761	1 951 131,076	31,705	31,243
28	31	98 228	60 432,454	1 889 590,316	31,268	30,807
29	32	98 146	59 343,534	1 829 157,862	30,823	30,362
30	33	98 056	58 269,259	1 769 814,328	30,373	29,912
31	34	97 964	57 213,715	1 711 545,069	29,915	29,454
32	35	97 858	56 169,012	1 654 331,354	29,453	28,992
33	36	97 750	55 142,087	1 598 162,342	28,983	28,521
34	37	97 635	54 129,825	1 543 020,255	28,506	28,045
35	38	97 512	53 131,542	1 488 890,430	28,023	27,562
36	39	97 368	52 140,821	1 435 758,887	27,536	27,075
37	40	97 224	51 168,083	1 383 618,066	27,041	26,579
38	41	97 067	50 206,825	1 332 449,983	26,539	26,078
39	42	96 891	49 253,929	1 282 243,157	26,033	25,572
40	43	96 705	48 313,855	1 232 989,228	25,520	25,059
41	44	96 496	47 380,554	1 184 675,373	25,003	24,542
42	45	96 270	46 456,542	1 137 294,819	24,481	24,020
43	46	96 020	45 538,811	1 090 838,277	23,954	23,493
44	47	95 741	44 625,560	1 045 299,466	23,424	22,963
45	48	95 432	43 716,535	1 000 673,906	22,890	22,429
46	49	95 085	42 808,237	956 957,371	22,355	21,893
47	50	94 705	41 904,014	914 149,135	21,815	21,354
48	51	94 283	40 999,979	872 245,120	21,274	20,813
49	52	93 813	40 093,852	831 245,142	20,732	20,271
50	53	93 288	39 183,832	791 151,290	20,191	19,730
51	54	92 706	38 269,558	751 967,458	19,649	19,188
52	55	92 070	37 353,383	713 697,900	19,107	18,645
53	56	91 359	36 427,384	676 344,517	18,567	18,106
54	57	90 575	35 493,441	639 917,133	18,029	17,568
55	58	89 710	34 550,059	604 423,692	17,494	17,033
56	59	88 765	33 598,218	569 873,633	16,961	16,500
57	60	87 733	32 636,421	536 275,414	16,432	15,971
58	61	86 602	31 661,634	503 638,994	15,907	15,446
59	62	85 391	30 681,808	471 977,360	15,383	14,922
60	63	84 087	29 693,632	441 295,552	14,862	14,400
61	64	82 694	28 699,681	411 601,920	14,342	13,880
62	65	81 190	27 692,851	382 902,240	13,827	13,366
63	66	79 563	26 671,095	355 209,388	13,318	12,857
64	67	77 837	25 643,851	328 538,293	12,812	12,350
65	68	75 982	24 602,147	302 894,443	12,312	11,851
66	69	74 050	23 564,268	278 292,296	11,810	11,349
67	70	72 026	22 525,929	254 728,028	11,308	10,847
68	71	69 871	21 476,151	232 202,099	10,812	10,351
69	72	67 646	20 434,677	210 725,948	10,312	9,851
70	73	65 296	19 385,390	190 291,271	9,816	9,355
71	74	62 844	18 336,765	170 905,881	9,320	8,859
72	75	60 263	17 281,033	152 569,115	8,829	8,367
73	76	57 568	16 224,339	135 288,083	8,339	7,877
74	77	54 718	15 155,927	119 063,744	7,856	7,395
75	78	51 729	14 081,755	103 907,817	7,379	6,918
76	79	48 565	12 992,911	89 826,062	6,913	6,452
77	80	45 198	11 884,189	76 833,151	6,465	6,004
78	81	41 669	10 767,853	64 948,962	6,032	5,571
79	82	37 991	9 648,552	54 181,109	5,615	5,154
80	83	34 192	8 534,466	44 532,557	5,218	4,757
81	84	30 320	7 437,656	35 998,091	4,840	4,379
82	85	26 400	6 364,719	28 560,434	4,487	4,026
83	86	22 540	5 340,617	22 195,715	4,156	3,695
84	87	18 794	4 376,575	16 855,098	3,851	3,390
85	88	15 282	3 497,529	12 478,523	3,568	3,107
86	89	12 073	2 715,547	8 980,994	3,307	2,846
87	90	9 233	2 041,061	6 265,447	3,070	2,608
88	91	6 821	1 481,896	4 224,386	2,851	2,389
89	92	4 842	1 033,786	2 742,490	2,653	2,192
90	93	3 295	691,357	1 708,703	2,472	2,010
91	94	2 138	440,844	1 017,346	2,308	1,847
92	95	1 304	264,300	576,502	2,181	1,720
93	96	760	151,327	312,202	2,063	1,602
94	97	420	82,154	160,876	1,958	1,497
95	98	220	42,406	78,722	1,856	1,395
96	99	109	20,691	36,316	1,755	1,294
97	100	50	9,358	15,624	1,670	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	4 090 984,518	41,055	40,594
1	5	99 284	97 576,808	3 991 337,680	40,905	40,443
2	6	99 250	95 865,269	3 893 760,873	40,617	40,156
3	7	99 228	94 195,585	3 797 895,603	40,319	39,858
4	8	99 210	92 559,032	3 703 700,018	40,014	39,553
5	9	99 193	90 950,926	3 611 140,986	39,704	39,243
6	10	99 177	89 372,452	3 520 190,060	39,388	38,927
7	11	99 161	87 821,021	3 430 817,607	39,066	38,605
8	12	99 145	86 296,891	3 342 996,586	38,738	38,277
9	13	99 129	84 799,050	3 256 699,696	38,405	37,944
10	14	99 113	83 326,745	3 171 900,645	38,066	37,605
11	15	99 095	81 878,716	3 088 573,901	37,721	37,260
12	16	99 073	80 453,230	3 006 695,185	37,372	36,911
13	17	99 052	79 052,162	2 926 241,955	37,017	36,555
14	18	99 028	77 673,738	2 847 189,794	36,656	36,195
15	19	98 995	76 313,062	2 769 516,056	36,292	35,830
16	20	98 961	74 974,805	2 693 202,993	35,921	35,460
17	21	98 918	73 652,693	2 618 228,188	35,548	35,087
18	22	98 872	72 352,734	2 544 575,495	35,169	34,708
19	23	98 817	71 068,779	2 472 222,761	34,786	34,325
20	24	98 755	69 802,151	2 401 153,983	34,399	33,938
21	25	98 693	68 559,074	2 331 351,832	34,005	33,544
22	26	98 631	67 337,234	2 262 792,758	33,604	33,143
23	27	98 567	66 136,382	2 195 455,524	33,196	32,735
24	28	98 500	64 954,861	2 129 319,142	32,782	32,320
25	29	98 428	63 790,929	2 064 364,281	32,361	31,900
26	30	98 355	62 647,408	2 000 573,352	31,934	31,473
27	31	98 280	61 522,487	1 937 925,944	31,499	31,038
28	32	98 196	60 413,164	1 876 403,457	31,060	30,598
29	33	98 112	59 322,939	1 815 990,293	30,612	30,151
30	34	98 021	58 248,512	1 756 667,354	30,158	29,697
31	35	97 926	57 191,337	1 698 418,841	29,697	29,236
32	36	97 819	56 146,405	1 641 227,504	29,231	28,770
33	37	97 705	55 116,233	1 585 081,099	28,759	28,298
34	38	97 590	54 104,914	1 529 964,865	28,278	27,817
35	39	97 455	53 100,425	1 475 859,952	27,794	27,333
36	40	97 310	52 109,761	1 422 759,526	27,303	26,842
37	41	97 158	51 133,356	1 370 649,766	26,805	26,344
38	42	96 993	50 168,525	1 319 516,410	26,302	25,840
39	43	96 811	49 213,058	1 269 347,885	25,793	25,332
40	44	96 618	48 270,376	1 220 134,828	25,277	24,816
41	45	96 398	47 332,224	1 171 864,452	24,758	24,297
42	46	96 163	46 404,885	1 124 532,228	24,233	23,772
43	47	95 898	45 480,989	1 078 127,343	23,705	23,244
44	48	95 604	44 561,587	1 032 646,354	23,173	22,712
45	49	95 279	43 646,607	988 084,767	22,638	22,177
46	50	94 912	42 730,692	944 438,160	22,102	21,641
47	51	94 518	41 821,435	901 707,468	21,561	21,100
48	52	94 075	40 909,419	859 886,033	21,019	20,558
49	53	93 583	39 995,410	818 976,614	20,477	20,016
50	54	93 033	39 076,737	778 981,205	19,935	19,473
51	55	92 427	38 154,380	739 904,468	19,392	18,931
52	56	91 765	37 229,616	701 750,087	18,849	18,388
53	57	91 029	36 295,557	664 520,471	18,309	17,847
54	58	90 213	35 351,742	628 224,914	17,771	17,309
55	59	89 315	34 397,674	592 873,172	17,236	16,775
56	60	88 337	33 435,939	558 475,498	16,703	16,242
57	61	87 260	32 460,477	525 039,559	16,175	15,714
58	62	86 118	31 484,484	492 579,082	15,645	15,184
59	63	84 872	30 495,366	461 094,598	15,120	14,659
60	64	83 533	29 498,117	430 599,233	14,598	14,136
61	65	82 092	28 490,536	401 101,116	14,078	13,617
62	66	80 539	27 470,972	372 610,580	13,564	13,103
63	67	78 868	26 438,112	345 139,608	13,055	12,593
64	68	77 082	25 395,249	318 701,497	12,550	12,088
65	69	75 206	24 350,841	293 306,248	12,045	11,584
66	70	73 223	23 301,004	268 955,407	11,543	11,081
67	71	71 148	22 251,484	245 654,403	11,040	10,579
68	72	68 935	21 188,577	223 402,919	10,544	10,082
69	73	66 671	20 140,227	202 214,342	10,040	9,579
70	74	64 285	19 085,251	182 074,115	9,540	9,079
71	75	61 769	18 023,053	162 988,864	9,043	8,582
72	76	59 114	16 951,526	144 965,811	8,552	8,091
73	77	56 311	15 870,225	128 014,285	8,066	7,605
74	78	53 380	14 785,336	112 144,060	7,585	7,124
75	79	50 276	13 686,054	97 358,724	7,114	6,653
76	80	46 966	12 565,141	83 672,670	6,659	6,198
77	81	43 462	11 427,742	71 107,529	6,222	5,761
78	82	39 833	10 293,393	59 679,787	5,798	5,337
79	83	36 079	9 162,829	49 386,393	5,390	4,929
80	84	32 206	8 038,768	40 223,564	5,004	4,542
81	85	28 282	6 937,690	32 184,796	4,639	4,178
82	86	24 361	5 873,227	25 247,106	4,299	3,837
83	87	20 536	4 865,795	19 373,879	3,982	3,520
84	88	16 892	3 933,709	14 508,083	3,688	3,227
85	89	13 527	3 095,925	10 574,375	3,416	2,954
86	90	10 492	2 360,033	7 478,449	3,169	2,708
87	91	7 867	1 739,113	5 118,416	2,943	2,482
88	92	5 680	1 233,923	3 379,304	2,739	2,277
89	93	3 934	839,891	2 145,381	2,554	2,093
90	94	2 605	546,726	1 305,490	2,388	1,927
91	95	1 635	337,170	758,764	2,250	1,789
92	96	979	198,480	421,594	2,124	1,663
93	97	555	110,546	223,113	2,018	1,557
94	98	303	59,392	112,567	1,895	1,434
95	99	153	29,484	53,175	1,804	1,342
96	100	73	13,852	23,691	1,710	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	4 076 615,491	40,914	40,453
1	6	99 277	97 569,490	3 976 977,715	40,760	40,299
2	7	99 243	95 858,959	3 879 408,225	40,470	40,009
3	8	99 223	94 190,942	3 783 549,266	40,169	39,708
4	9	99 204	92 553,301	3 689 358,324	39,862	39,401
5	10	99 186	90 945,041	3 596 805,022	39,549	39,088
6	11	99 171	89 367,157	3 505 859,982	39,230	38,769
7	12	99 153	87 814,480	3 416 492,825	38,906	38,445
8	13	99 137	86 290,063	3 328 678,345	38,575	38,114
9	14	99 121	84 791,781	3 242 388,282	38,239	37,778
10	15	99 102	83 318,001	3 157 596,500	37,898	37,437
11	16	99 082	81 868,472	3 074 278,500	37,551	37,090
12	17	99 059	80 441,878	2 992 410,027	37,200	36,738
13	18	99 037	79 040,587	2 911 968,149	36,841	36,380
14	19	99 007	77 657,920	2 832 927,562	36,480	36,018
15	20	98 976	76 298,332	2 755 269,642	36,112	35,651
16	21	98 943	74 960,922	2 678 971,310	35,738	35,277
17	22	98 901	73 640,499	2 604 010,388	35,361	34,900
18	23	98 855	72 340,214	2 530 369,889	34,979	34,518
19	24	98 796	71 053,358	2 458 029,675	34,594	34,133
20	25	98 738	69 790,315	2 386 976,318	34,202	33,741
21	26	98 675	68 546,290	2 317 186,003	33,805	33,343
22	27	98 612	67 324,132	2 248 639,713	33,400	32,939
23	28	98 546	66 121,935	2 181 315,580	32,989	32,528
24	29	98 476	64 938,662	2 115 193,645	32,572	32,111
25	30	98 403	63 774,421	2 050 254,983	32,149	31,687
26	31	98 326	62 628,805	1 986 480,561	31,718	31,257
27	32	98 248	61 502,849	1 923 851,756	31,281	30,819
28	33	98 162	60 392,198	1 862 348,907	30,838	30,376
29	34	98 077	59 301,817	1 801 956,709	30,386	29,925
30	35	97 982	58 225,730	1 742 654,891	29,929	29,468
31	36	97 886	57 168,319	1 684 429,161	29,464	29,003
32	37	97 773	56 120,081	1 627 260,842	28,996	28,535
33	38	97 660	55 090,868	1 571 140,761	28,519	28,058
34	39	97 533	54 073,226	1 516 049,893	28,037	27,576
35	40	97 397	53 068,793	1 461 976,667	27,549	27,088
36	41	97 244	52 074,394	1 408 907,874	27,056	26,594
37	42	97 084	51 094,348	1 356 833,480	26,555	26,094
38	43	96 912	50 126,894	1 305 739,132	26,049	25,587
39	44	96 723	49 168,769	1 255 612,237	25,537	25,076
40	45	96 519	48 221,138	1 206 443,468	25,019	24,558
41	46	96 291	47 279,593	1 158 222,330	24,497	24,036
42	47	96 041	46 345,963	1 110 942,737	23,971	23,509
43	48	95 761	45 415,790	1 064 596,774	23,441	22,980
44	49	95 451	44 490,308	1 019 180,984	22,908	22,447
45	50	95 107	43 567,543	974 690,677	22,372	21,911
46	51	94 725	42 646,484	931 123,133	21,834	21,372
47	52	94 310	41 729,061	888 476,650	21,292	20,830
48	53	93 844	40 808,974	846 747,589	20,749	20,288
49	54	93 327	39 886,097	805 938,615	20,206	19,745
50	55	92 753	38 959,130	766 052,518	19,663	19,202
51	56	92 121	38 027,960	727 093,388	19,120	18,659
52	57	91 433	37 094,887	689 065,428	18,576	18,115
53	58	90 665	36 150,655	651 970,541	18,035	17,574
54	59	89 815	35 195,821	615 819,886	17,497	17,036
55	60	88 883	34 231,533	580 624,065	16,962	16,500
56	61	87 860	33 255,685	546 392,532	16,430	15,969
57	62	86 772	32 278,857	513 136,847	15,897	15,436
58	63	85 594	31 293,164	480 857,990	15,366	14,905
59	64	84 313	30 294,571	449 564,826	14,840	14,379
60	65	82 925	29 283,153	419 270,254	14,318	13,857
61	66	81 434	28 262,265	389 987,101	13,799	13,338
62	67	79 836	27 231,001	361 724,836	13,284	12,822
63	68	78 103	26 181,810	334 493,834	12,776	12,315
64	69	76 295	25 135,842	308 312,024	12,266	11,805
65	70	74 366	24 078,789	283 176,183	11,760	11,299
66	71	72 331	23 017,116	259 097,394	11,257	10,796
67	72	70 196	21 953,528	236 080,278	10,754	10,292
68	73	67 942	20 883,264	214 126,750	10,254	9,792
69	74	65 639	19 828,401	193 243,486	9,746	9,285
70	75	63 185	18 758,733	173 415,085	9,244	8,783
71	76	60 591	17 679,398	154 656,353	8,748	8,287
72	77	57 823	16 581,541	136 976,955	8,261	7,800
73	78	54 934	15 482,168	120 395,414	7,776	7,315
74	79	51 880	14 369,865	104 913,246	7,301	6,840
75	80	48 621	13 235,464	90 543,381	6,841	6,380
76	81	45 162	12 082,540	77 307,917	6,398	5,937
77	82	41 547	10 924,206	65 225,378	5,971	5,510
78	83	37 828	9 775,208	54 301,172	5,555	5,094
79	84	33 983	8 630,635	44 525,964	5,159	4,698
80	85	30 042	7 498,395	35 895,329	4,787	4,326
81	86	26 098	6 401,953	28 396,934	4,436	3,974
82	87	22 195	5 351,052	21 994,982	4,110	3,649
83	88	18 458	4 373,425	16 643,929	3,806	3,344
84	89	14 953	3 482,021	12 270,504	3,524	3,063
85	90	11 756	2 690,613	8 788,484	3,266	2,805
86	91	8 940	2 010,897	6 097,871	3,032	2,571
87	92	6 551	1 448,098	4 086,974	2,822	2,361
88	93	4 614	1 002,490	2 638,876	2,632	2,171
89	94	3 111	664,187	1 636,386	2,464	2,003
90	95	1 993	418,151	972,199	2,325	1,864
91	96	1 228	253,203	554,047	2,188	1,727
92	97	715	144,993	300,844	2,075	1,614
93	98	401	79,919	155,851	1,950	1,489
94	99	211	41,294	75,933	1,839	1,378
95	100	103	19,739	34,639	1,755	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	4 061 346,203	40,764	40,303
1	7	99 270	97 563,067	3 961 715,899	40,607	40,146
2	8	99 238	95 854,234	3 864 152,832	40,313	39,852
3	9	99 217	94 185,110	3 768 298,598	40,009	39,548
4	10	99 198	92 547,313	3 674 113,488	39,700	39,239
5	11	99 180	90 939,652	3 581 566,175	39,384	38,923
6	12	99 164	89 360,500	3 490 626,523	39,062	38,601
7	13	99 145	87 807,532	3 401 266,023	38,735	38,274
8	14	99 129	86 282,666	3 313 458,490	38,402	37,941
9	15	99 110	84 782,884	3 227 175,824	38,064	37,603
10	16	99 090	83 307,578	3 142 392,940	37,720	37,259
11	17	99 068	81 856,921	3 059 085,362	37,371	36,910
12	18	99 045	80 430,100	2 977 228,442	37,016	36,555
13	19	99 017	79 024,491	2 896 798,342	36,657	36,196
14	20	98 988	77 642,930	2 817 773,851	36,291	35,830
15	21	98 958	76 284,204	2 740 130,921	35,920	35,459
16	22	98 927	74 948,512	2 663 846,717	35,542	35,081
17	23	98 884	73 627,756	2 588 898,205	35,162	34,701
18	24	98 834	72 324,517	2 515 270,449	34,778	34,316
19	25	98 779	71 041,309	2 442 945,932	34,388	33,926
20	26	98 719	69 777,302	2 371 904,623	33,992	33,531
21	27	98 656	68 532,953	2 302 127,322	33,592	33,130
22	28	98 590	67 309,427	2 233 594,369	33,184	32,723
23	29	98 521	66 105,445	2 166 284,942	32,770	32,309
24	30	98 450	64 921,857	2 100 179,497	32,349	31,888
25	31	98 373	63 755,485	2 035 257,640	31,923	31,462
26	32	98 295	62 608,815	1 971 502,155	31,489	31,028
27	33	98 214	61 481,505	1 908 893,340	31,048	30,587
28	34	98 127	60 370,695	1 847 411,835	30,601	30,140
29	35	98 038	59 278,623	1 787 041,140	30,146	29,685
30	36	97 943	58 202,296	1 727 762,517	29,685	29,224
31	37	97 841	57 141,516	1 669 560,221	29,218	28,757
32	38	97 728	56 094,253	1 612 418,705	28,745	28,284
33	39	97 603	55 058,603	1 556 324,452	28,267	27,805
34	40	97 475	54 041,015	1 501 265,849	27,780	27,319
35	41	97 331	53 032,776	1 447 224,834	27,289	26,828
36	42	97 170	52 034,668	1 394 192,058	26,794	26,332
37	43	97 003	51 051,949	1 342 157,390	26,290	25,829
38	44	96 825	50 081,783	1 291 105,440	25,780	25,319
39	45	96 625	49 118,615	1 241 023,657	25,266	24,805
40	46	96 412	48 167,518	1 191 905,042	24,745	24,284
41	47	96 169	47 219,561	1 143 737,524	24,222	23,760
42	48	95 903	46 279,524	1 096 517,963	23,693	23,232
43	49	95 607	45 343,144	1 050 238,439	23,162	22,701
44	50	95 278	44 409,716	1 004 895,295	22,628	22,167
45	51	94 919	43 481,686	960 485,579	22,089	21,628
46	52	94 516	42 552,287	917 003,893	21,550	21,089
47	53	94 078	41 626,604	874 451,606	21,007	20,546
48	54	93 588	40 697,437	832 825,002	20,464	20,003
49	55	93 046	39 766,054	792 127,565	19,920	19,458
50	56	92 446	38 830,043	752 361,511	19,376	18,915
51	57	91 788	37 890,341	713 531,468	18,831	18,370
52	58	91 068	36 946,794	675 641,127	18,287	17,826
53	59	90 265	35 991,211	638 694,333	17,746	17,285
54	60	89 381	35 025,825	602 703,123	17,207	16,746
55	61	88 404	34 046,991	567 677,298	16,673	16,212
56	62	87 369	33 069,616	533 630,307	16,137	15,675
57	63	86 245	32 082,710	500 560,691	15,602	15,141
58	64	85 031	31 087,117	468 477,981	15,070	14,609
59	65	83 699	30 073,804	437 390,864	14,544	14,083
60	66	82 260	29 048,532	407 317,060	14,022	13,561
61	67	80 723	28 015,382	378 268,528	13,502	13,041
62	68	79 062	26 967,013	350 253,145	12,988	12,527
63	69	77 305	25 914,368	323 286,132	12,475	12,014
64	70	75 443	24 855,019	297 371,764	11,964	11,503
65	71	73 460	23 785,424	272 516,745	11,457	10,996
66	72	71 362	22 708,908	248 731,321	10,953	10,492
67	73	69 184	21 637,193	226 022,413	10,446	9,985
68	74	66 890	20 559,934	204 385,220	9,941	9,480
69	75	64 516	19 489,168	183 825,286	9,432	8,971
70	76	61 980	18 401,050	164 336,118	8,931	8,470
71	77	59 269	17 293,525	145 935,068	8,439	7,978
72	78	56 409	16 176,091	128 641,542	7,953	7,491
73	79	53 391	15 047,115	112 465,451	7,474	7,013
74	80	50 172	13 896,762	97 418,336	7,010	6,549
75	81	46 753	12 727,117	83 521,574	6,562	6,101
76	82	43 172	11 550,152	70 794,458	6,129	5,668
77	83	39 455	10 374,264	59 244,306	5,711	5,249
78	84	35 631	9 207,445	48 870,041	5,308	4,846
79	85	31 699	8 050,475	39 662,596	4,927	4,466
80	86	27 722	6 919,359	31 612,121	4,569	4,107
81	87	23 777	5 832,770	24 692,762	4,233	3,772
82	88	19 949	4 809,579	18 859,992	3,921	3,460
83	89	16 338	3 871,246	14 050,413	3,629	3,168
84	90	12 995	3 026,161	10 179,167	3,364	2,903
85	91	10 017	2 292,572	7 153,006	3,120	2,659
86	92	7 444	1 674,403	4 860,434	2,903	2,442
87	93	5 322	1 176,495	3 186,031	2,708	2,247
88	94	3 649	792,771	2 009,536	2,535	2,074
89	95	2 379	507,989	1 216,765	2,395	1,934
90	96	1 496	314,018	708,776	2,257	1,796
91	97	897	184,969	394,758	2,134	1,673
92	98	517	104,822	209,790	2,001	1,540
93	99	279	55,565	104,968	1,889	1,428
94	100	141	27,645	49,403	1,787	1,326

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	4 045 162,141	40,604	40,143
1	8	99 266	97 558,258	3 945 538,395	40,443	39,982
2	9	99 232	95 848,299	3 847 980,137	40,147	39,685
3	10	99 210	94 179,016	3 752 131,838	39,840	39,379
4	11	99 192	92 541,829	3 657 952,822	39,528	39,066
5	12	99 173	90 932,878	3 565 410,993	39,209	38,748
6	13	99 156	89 353,431	3 474 478,115	38,885	38,423
7	14	99 137	87 800,006	3 385 124,684	38,555	38,094
8	15	99 118	86 273,612	3 297 324,679	38,219	37,758
9	16	99 098	84 772,277	3 211 051,066	37,879	37,417
10	17	99 076	83 295,823	3 126 278,789	37,532	37,071
11	18	99 054	81 844,935	3 042 982,967	37,180	36,719
12	19	99 025	80 413,721	2 961 138,031	36,824	36,363
13	20	98 998	79 009,237	2 880 724,311	36,461	35,999
14	21	98 970	77 628,553	2 801 715,073	36,091	35,630
15	22	98 942	76 271,575	2 724 086,520	35,716	35,254
16	23	98 910	74 935,542	2 647 814,945	35,335	34,873
17	24	98 863	73 611,780	2 572 879,403	34,952	34,491
18	25	98 817	72 312,253	2 499 267,623	34,562	34,101
19	26	98 761	71 028,063	2 426 955,371	34,169	33,708
20	27	98 700	69 763,725	2 355 927,308	33,770	33,309
21	28	98 634	68 517,983	2 286 163,583	33,366	32,905
22	29	98 565	67 292,640	2 217 645,600	32,955	32,494
23	30	98 496	66 088,338	2 150 352,959	32,538	32,076
24	31	98 421	64 902,580	2 084 264,621	32,114	31,653
25	32	98 342	63 735,134	2 019 362,041	31,684	31,222
26	33	98 261	62 587,086	1 955 626,907	31,246	30,785
27	34	98 179	61 459,615	1 893 039,821	30,801	30,340
28	35	98 089	60 347,083	1 831 580,206	30,351	29,890
29	36	97 999	59 254,765	1 771 233,123	29,892	29,431
30	37	97 897	58 175,008	1 711 978,358	29,428	28,967
31	38	97 795	57 115,218	1 653 803,350	28,956	28,494
32	39	97 671	56 061,401	1 596 688,132	28,481	28,020
33	40	97 544	55 025,805	1 540 626,731	27,998	27,537
34	41	97 409	54 004,337	1 485 600,927	27,509	27,048
35	42	97 256	52 992,319	1 431 596,589	27,015	26,554
36	43	97 089	51 991,490	1 378 604,270	26,516	26,055
37	44	96 916	51 006,006	1 326 612,781	26,009	25,548
38	45	96 726	50 030,698	1 275 606,775	25,496	25,035
39	46	96 517	49 063,997	1 225 576,077	24,979	24,518
40	47	96 290	48 106,358	1 176 512,079	24,456	23,995
41	48	96 031	47 151,869	1 128 405,721	23,931	23,470
42	49	95 750	46 205,496	1 081 253,851	23,401	22,940
43	50	95 434	45 261,007	1 035 048,355	22,868	22,407
44	51	95 090	44 322,199	989 787,348	22,332	21,870
45	52	94 710	43 385,644	945 465,149	21,792	21,331
46	53	94 284	42 447,809	902 079,504	21,251	20,790
47	54	93 821	41 512,832	859 631,696	20,708	20,246
48	55	93 306	40 574,953	818 118,864	20,163	19,702
49	56	92 738	39 634,293	777 543,911	19,618	19,157
50	57	92 112	38 689,522	737 909,617	19,073	18,611
51	58	91 421	37 739,072	699 220,096	18,528	18,067
52	59	90 666	36 783,838	661 481,023	17,983	17,522
53	60	89 829	35 817,373	624 697,186	17,441	16,980
54	61	88 899	34 837,000	588 879,812	16,904	16,443
55	62	87 909	33 856,494	554 042,813	16,364	15,903
56	63	86 838	32 868,664	520 186,319	15,826	15,365
57	64	85 677	31 871,464	487 317,655	15,290	14,829
58	65	84 411	30 860,574	455 446,190	14,758	14,297
59	66	83 028	29 832,848	424 585,616	14,232	13,771
60	67	81 542	28 794,781	394 752,768	13,709	13,248
61	68	79 940	27 743,790	365 957,987	13,191	12,729
62	69	78 254	26 691,551	338 214,197	12,671	12,210
63	70	76 442	25 624,848	311 522,646	12,157	11,696
64	71	74 523	24 552,198	285 897,798	11,644	11,183
65	72	72 476	23 466,929	261 345,601	11,137	10,676
66	73	70 334	22 381,688	237 878,672	10,628	10,167
67	74	68 113	21 302,189	215 496,984	10,116	9,655
68	75	65 746	20 208,186	194 194,795	9,610	9,149
69	76	63 286	19 117,558	173 986,609	9,101	8,640
70	77	60 627	17 999,427	154 869,051	8,604	8,143
71	78	57 820	16 870,666	136 869,624	8,113	7,652
72	79	54 824	15 721,539	119 998,957	7,633	7,172
73	80	51 633	14 551,715	104 277,419	7,166	6,705
74	81	48 245	13 363,015	89 725,704	6,714	6,253
75	82	44 693	12 166,327	76 362,689	6,277	5,815
76	83	40 999	10 968,699	64 196,361	5,853	5,391
77	84	37 164	9 771,707	53 227,662	5,447	4,986
78	85	33 236	8 588,512	43 455,955	5,060	4,599
79	86	29 251	7 428,807	34 867,443	4,694	4,232
80	87	25 257	6 304,175	27 438,636	4,352	3,891
81	88	21 371	5 242,552	21 134,461	4,031	3,570
82	89	17 659	4 257,319	15 891,909	3,733	3,272
83	90	14 199	3 364,430	11 634,591	3,458	2,997
84	91	11 073	2 578,480	8 270,161	3,207	2,746
85	92	8 341	1 908,944	5 691,680	2,982	2,520
86	93	6 048	1 360,355	3 782,736	2,781	2,319
87	94	4 209	930,374	2 422,381	2,604	2,142
88	95	2 791	606,333	1 492,007	2,461	2,000
89	96	1 787	381,482	885,674	2,322	1,860
90	97	1 093	229,394	504,191	2,198	1,737
91	98	648	133,722	274,797	2,055	1,594
92	99	360	72,879	141,075	1,936	1,475
93	100	187	37,199	68,196	1,833	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	4 028 053,161	40,435	39,973
1	9	99 259	97 552,218	3 928 434,326	40,270	39,809
2	10	99 226	95 842,097	3 830 882,109	39,971	39,510
3	11	99 205	94 173,436	3 735 040,011	39,661	39,200
4	12	99 184	92 534,936	3 640 866,576	39,346	38,885
5	13	99 165	90 925,684	3 548 331,640	39,025	38,563
6	14	99 147	89 345,771	3 457 405,956	38,697	38,236
7	15	99 127	87 790,792	3 368 060,184	38,365	37,903
8	16	99 106	86 262,819	3 280 269,392	38,026	37,565
9	17	99 084	84 760,316	3 194 006,573	37,683	37,222
10	18	99 061	83 283,627	3 109 246,257	37,333	36,872
11	19	99 033	81 828,268	3 025 962,631	36,979	36,518
12	20	99 006	80 398,199	2 944 134,362	36,619	36,158
13	21	98 979	78 994,607	2 863 736,163	36,252	35,791
14	22	98 954	77 615,701	2 784 741,556	35,879	35,417
15	23	98 924	76 258,376	2 707 125,855	35,499	35,038
16	24	98 888	74 919,282	2 630 867,479	35,116	34,655
17	25	98 846	73 599,297	2 555 948,196	34,728	34,267
18	26	98 799	72 298,769	2 482 348,899	34,335	33,873
19	27	98 741	71 014,243	2 410 050,130	33,938	33,476
20	28	98 679	69 748,486	2 339 035,887	33,535	33,074
21	29	98 610	68 500,895	2 269 287,400	33,128	32,667
22	30	98 540	67 275,226	2 200 786,505	32,713	32,252
23	31	98 466	66 068,714	2 133 511,279	32,292	31,831
24	32	98 390	64 881,863	2 067 442,564	31,865	31,404
25	33	98 308	63 713,015	2 002 560,701	31,431	30,970
26	34	98 226	62 564,802	1 938 847,686	30,989	30,528
27	35	98 141	61 435,577	1 876 282,884	30,541	30,079
28	36	98 049	60 322,795	1 814 847,307	30,086	29,624
29	37	97 953	59 226,983	1 754 524,512	29,624	29,163
30	38	97 852	58 148,234	1 695 297,529	29,155	28,694
31	39	97 738	57 081,768	1 637 149,295	28,681	28,220
32	40	97 613	56 028,005	1 580 067,527	28,201	27,740
33	41	97 478	54 988,459	1 524 039,522	27,716	27,254
34	42	97 335	53 963,140	1 469 051,063	27,223	26,762
35	43	97 176	52 948,345	1 415 087,923	26,726	26,265
36	44	97 002	51 944,701	1 362 139,578	26,223	25,762
37	45	96 817	50 953,978	1 310 194,877	25,713	25,252
38	46	96 619	49 975,066	1 259 240,899	25,197	24,736
39	47	96 395	49 001,699	1 209 265,833	24,678	24,217
40	48	96 152	48 037,396	1 160 264,134	24,153	23,692
41	49	95 877	47 076,446	1 112 226,738	23,626	23,165
42	50	95 577	46 121,798	1 065 150,292	23,094	22,633
43	51	95 246	45 171,813	1 019 028,494	22,559	22,098
44	52	94 880	44 224,301	973 856,681	22,021	21,560
45	53	94 477	43 279,120	929 632,380	21,480	21,019
46	54	94 026	42 331,793	886 353,261	20,938	20,477
47	55	93 539	41 387,894	844 021,468	20,393	19,932
48	56	92 997	40 440,512	802 633,574	19,847	19,386
49	57	92 402	39 490,861	762 193,062	19,300	18,839
50	58	91 744	38 535,062	722 702,201	18,754	18,293
51	59	91 018	37 572,622	684 167,138	18,209	17,748
52	60	90 229	36 606,171	646 594,516	17,664	17,202
53	61	89 345	35 624,281	609 988,345	17,123	16,662
54	62	88 402	34 642,083	574 364,064	16,580	16,119
55	63	87 375	33 650,760	539 721,980	16,039	15,578
56	64	86 266	32 652,243	506 071,220	15,499	15,038
57	65	85 053	31 639,206	473 418,977	14,963	14,502
58	66	83 735	30 613,314	441 779,771	14,431	13,970
59	67	82 303	29 572,246	411 166,457	13,904	13,443
60	68	80 751	28 515,633	381 594,211	13,382	12,921
61	69	79 124	27 460,393	353 078,578	12,858	12,397
62	70	77 380	26 393,348	325 618,186	12,337	11,876
63	71	75 510	25 312,647	299 224,838	11,821	11,360
64	72	73 526	24 223,435	273 912,191	11,308	10,847
65	73	71 432	23 128,786	249 688,756	10,796	10,334
66	74	69 245	22 035,158	226 559,970	10,282	9,821
67	75	66 948	20 937,743	204 524,812	9,768	9,307
68	76	64 492	19 822,866	183 587,070	9,261	8,800
69	77	61 905	18 700,297	163 764,204	8,757	8,296
70	78	59 145	17 559,307	145 063,907	8,261	7,800
71	79	56 195	16 396,597	127 504,600	7,776	7,315
72	80	53 019	15 203,934	111 108,003	7,308	6,847
73	81	49 650	13 992,813	95 904,069	6,854	6,393
74	82	46 119	12 774,206	81 911,257	6,412	5,951
75	83	42 443	11 553,856	69 137,050	5,984	5,523
76	84	38 617	10 331,616	57 583,195	5,573	5,112
77	85	34 666	9 114,844	47 251,578	5,184	4,723
78	86	30 669	7 925,296	38 136,734	4,812	4,351
79	87	26 650	6 768,329	30 211,438	4,464	4,002
80	88	22 701	5 666,255	23 443,110	4,137	3,676
81	89	18 917	4 640,575	17 776,855	3,831	3,370
82	90	15 347	3 699,959	13 136,279	3,550	3,089
83	91	12 099	2 866,707	9 436,321	3,292	2,830
84	92	9 220	2 147,010	6 569,614	3,060	2,599
85	93	6 777	1 550,906	4 422,604	2,852	2,390
86	94	4 783	1 075,771	2 871,698	2,669	2,208
87	95	3 219	711,576	1 795,927	2,524	2,063
88	96	2 096	455,336	1 084,352	2,381	1,920
89	97	1 305	278,678	629,016	2,257	1,796
90	98	790	165,839	350,337	2,113	1,651
91	99	451	92,973	184,498	1,984	1,523
92	100	241	48,791	91,525	1,876	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	4 010 011,746	40,256	39,795
1	10	99 253	97 545,906	3 910 399,079	40,088	39,627
2	11	99 220	95 836,418	3 812 853,174	39,785	39,324
3	12	99 197	94 166,421	3 717 016,756	39,473	39,012
4	13	99 177	92 527,615	3 622 850,335	39,154	38,693
5	14	99 157	90 917,890	3 530 322,719	38,830	38,369
6	15	99 137	89 336,396	3 439 404,829	38,499	38,038
7	16	99 114	87 779,809	3 350 068,434	38,164	37,703
8	17	99 092	86 250,647	3 262 288,624	37,823	37,362
9	18	99 069	84 747,905	3 176 037,977	37,476	37,015
10	19	99 041	83 266,667	3 091 290,072	37,125	36,664
11	20	99 014	81 812,473	3 008 023,405	36,767	36,306
12	21	98 987	80 383,312	2 926 210,932	36,403	35,942
13	22	98 963	78 981,529	2 845 827,620	36,032	35,570
14	23	98 936	77 602,270	2 766 846,091	35,654	35,193
15	24	98 903	76 241,829	2 689 243,821	35,273	34,811
16	25	98 871	74 906,578	2 613 001,991	34,883	34,422
17	26	98 827	73 585,574	2 538 095,413	34,492	34,031
18	27	98 779	72 284,702	2 464 509,839	34,094	33,633
19	28	98 720	70 998,731	2 392 225,137	33,694	33,233
20	29	98 654	69 731,092	2 321 226,406	33,288	32,827
21	30	98 584	68 483,169	2 251 495,314	32,877	32,415
22	31	98 511	67 255,250	2 183 012,146	32,459	31,997
23	32	98 435	66 047,626	2 115 756,896	32,034	31,573
24	33	98 355	64 859,346	2 049 709,270	31,602	31,141
25	34	98 273	63 690,330	1 984 849,924	31,164	30,703
26	35	98 187	62 540,332	1 921 159,594	30,719	30,258
27	36	98 101	61 410,850	1 858 619,261	30,265	29,804
28	37	98 003	60 294,513	1 797 208,411	29,807	29,346
29	38	97 908	59 199,726	1 736 913,899	29,340	28,879
30	39	97 795	58 114,179	1 677 714,173	28,869	28,408
31	40	97 680	57 047,764	1 619 599,994	28,390	27,929
32	41	97 546	55 989,979	1 562 552,230	27,908	27,447
33	42	97 404	54 946,510	1 506 562,251	27,419	26,958
34	43	97 254	53 918,360	1 451 615,741	26,922	26,461
35	44	97 088	52 900,695	1 397 697,380	26,421	25,960
36	45	96 903	51 891,715	1 344 796,685	25,915	25,454
37	46	96 709	50 897,319	1 292 904,970	25,402	24,941
38	47	96 496	49 911,611	1 242 007,650	24,884	24,423
39	48	96 257	48 931,453	1 192 096,039	24,363	23,901
40	49	95 998	47 960,556	1 143 164,586	23,836	23,374
41	50	95 703	46 991,170	1 095 204,029	23,307	22,845
42	51	95 388	46 030,907	1 048 212,860	22,772	22,311
43	52	95 036	45 072,038	1 002 181,953	22,235	21,774
44	53	94 647	44 115,717	957 109,914	21,695	21,234
45	54	94 219	43 160,832	912 994,197	21,153	20,692
46	55	93 743	42 204,389	869 833,366	20,610	20,149
47	56	93 229	41 250,759	827 628,976	20,063	19,602
48	57	92 660	40 294,162	786 378,217	19,516	19,055
49	58	92 033	39 333,203	746 084,054	18,968	18,507
50	59	91 339	38 365,101	706 750,851	18,422	17,961
51	60	90 578	37 391,146	668 385,750	17,876	17,414
52	61	89 742	36 408,827	630 994,604	17,331	16,870
53	62	88 845	35 424,959	594 585,777	16,784	16,323
54	63	87 865	34 431,576	559 160,818	16,240	15,779
55	64	86 800	33 429,190	524 729,242	15,697	15,236
56	65	85 637	32 414,295	491 300,052	15,157	14,696
57	66	84 371	31 385,707	458 885,757	14,621	14,160
58	67	83 003	30 345,894	427 500,050	14,088	13,626
59	68	81 505	29 285,560	397 154,156	13,561	13,100
60	69	79 926	28 224,352	367 868,595	13,034	12,573
61	70	78 240	27 153,600	339 644,244	12,508	12,047
62	71	76 437	26 071,784	312 490,644	11,986	11,525
63	72	74 499	24 973,701	286 418,860	11,469	11,008
64	73	72 466	23 874,391	261 445,158	10,951	10,490
65	74	70 326	22 770,689	237 570,767	10,433	9,972
66	75	68 060	21 658,171	214 800,078	9,918	9,457
67	76	65 671	20 538,512	193 141,907	9,404	8,943
68	77	63 085	19 390,210	172 603,395	8,902	8,440
69	78	60 391	18 243,039	153 213,185	8,398	7,937
70	79	57 483	17 065,886	134 970,146	7,909	7,448
71	80	54 345	15 856,767	117 904,259	7,436	6,974
72	81	50 983	14 619,982	102 047,493	6,980	6,519
73	82	47 462	13 376,253	87 427,511	6,536	6,075
74	83	43 797	12 131,133	74 051,258	6,104	5,643
75	84	39 978	10 882,786	61 920,125	5,690	5,229
76	85	36 022	9 637,115	51 037,339	5,296	4,835
77	86	31 989	8 410,984	41 400,224	4,922	4,461
78	87	27 942	7 220,676	32 989,240	4,569	4,108
79	88	23 953	6 083,441	25 768,564	4,236	3,775
80	89	20 095	5 015,627	19 685,122	3,925	3,464
81	90	16 441	4 033,040	14 669,496	3,637	3,176
82	91	13 076	3 152,598	10 636,456	3,374	2,913
83	92	10 074	2 387,006	7 483,857	3,135	2,674
84	93	7 491	1 744,320	5 096,851	2,922	2,461
85	94	5 359	1 226,459	3 352,531	2,734	2,272
86	95	3 658	822,779	2 126,072	2,584	2,123
87	96	2 417	534,370	1 303,293	2,439	1,978
88	97	1 531	332,629	768,923	2,312	1,850
89	98	944	201,469	436,294	2,166	1,704
90	99	549	115,303	234,825	2,037	1,575
91	100	302	62,243	119,522	1,920	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	3 991 036,315	40,068	39,607
1	11	99 247	97 540,126	3 891 430,094	39,896	39,434
2	12	99 213	95 829,280	3 793 889,968	39,590	39,129
3	13	99 189	94 158,971	3 698 060,688	39,275	38,813
4	14	99 168	92 519,684	3 603 901,717	38,953	38,492
5	15	99 146	90 908,349	3 511 382,033	38,626	38,164
6	16	99 124	89 325,220	3 420 473,684	38,292	37,831
7	17	99 100	87 767,424	3 331 148,464	37,954	37,493
8	18	99 077	86 238,019	3 243 381,041	37,610	37,148
9	19	99 049	84 730,647	3 157 143,022	37,261	36,800
10	20	99 022	83 250,594	3 072 412,375	36,906	36,444
11	21	98 996	81 797,324	2 989 161,781	36,544	36,082
12	22	98 971	80 370,004	2 907 364,457	36,175	35,714
13	23	98 946	78 967,862	2 826 994,453	35,799	35,338
14	24	98 915	77 585,432	2 748 026,591	35,419	34,958
15	25	98 886	76 228,901	2 670 441,160	35,032	34,571
16	26	98 853	74 892,611	2 594 212,259	34,639	34,178
17	27	98 808	73 571,256	2 519 319,648	34,243	33,782
18	28	98 758	72 268,913	2 445 748,391	33,842	33,381
19	29	98 695	70 981,024	2 373 479,478	33,438	32,977
20	30	98 628	69 713,047	2 302 498,454	33,028	32,567
21	31	98 555	68 462,834	2 232 785,407	32,613	32,152
22	32	98 479	67 233,783	2 164 322,574	32,191	31,730
23	33	98 401	66 024,704	2 097 088,791	31,762	31,301
24	34	98 320	64 836,253	2 031 064,087	31,326	30,865
25	35	98 235	63 665,420	1 966 227,834	30,884	30,423
26	36	98 148	62 515,161	1 902 562,414	30,434	29,972
27	37	98 055	61 382,058	1 840 047,253	29,977	29,516
28	38	97 958	60 266,764	1 778 665,195	29,513	29,052
29	39	97 851	59 165,055	1 718 398,432	29,044	28,583
30	40	97 736	58 079,560	1 659 233,377	28,568	28,107
31	41	97 614	57 009,046	1 601 153,817	28,086	27,625
32	42	97 472	55 947,267	1 544 144,771	27,600	27,139
33	43	97 323	54 900,915	1 488 197,504	27,107	26,646
34	44	97 166	53 869,838	1 433 296,590	26,607	26,145
35	45	96 989	52 846,735	1 379 426,752	26,102	25,641
36	46	96 795	51 834,014	1 326 580,017	25,593	25,132
37	47	96 587	50 832,694	1 274 746,004	25,077	24,616
38	48	96 358	49 840,061	1 223 913,310	24,557	24,096
39	49	96 103	48 853,184	1 174 073,249	24,033	23,571
40	50	95 824	47 873,678	1 125 220,066	23,504	23,043
41	51	95 515	46 898,566	1 077 346,387	22,972	22,511
42	52	95 178	45 929,235	1 030 447,821	22,436	21,974
43	53	94 802	44 961,373	984 518,587	21,897	21,436
44	54	94 389	43 995,143	939 557,214	21,356	20,895
45	55	93 935	43 030,933	895 562,071	20,812	20,351
46	56	93 433	42 064,550	852 531,138	20,267	19,806
47	57	92 891	41 101,478	810 466,588	19,719	19,257
48	58	92 290	40 133,297	769 365,110	19,170	18,709
49	59	91 628	39 159,722	729 231,813	18,622	18,161
50	60	90 898	38 179,798	690 072,092	18,074	17,613
51	61	90 090	37 189,570	651 892,294	17,529	17,068
52	62	89 240	36 205,116	614 702,724	16,978	16,517
53	63	88 305	35 209,695	578 497,609	16,430	15,969
54	64	87 286	34 204,864	543 287,914	15,883	15,422
55	65	86 167	33 185,580	509 083,050	15,340	14,879
56	66	84 951	32 154,586	475 897,470	14,800	14,339
57	67	83 634	31 111,540	443 742,884	14,263	13,802
58	68	82 199	30 051,709	412 631,344	13,731	13,270
59	69	80 672	28 986,414	382 579,635	13,199	12,737
60	70	79 033	27 909,024	353 593,221	12,669	12,208
61	71	77 286	26 822,774	325 684,197	12,142	11,681
62	72	75 414	25 722,673	298 861,423	11,619	11,157
63	73	73 426	24 613,847	273 138,750	11,097	10,636
64	74	71 344	23 504,750	248 524,903	10,573	10,112
65	75	69 122	22 381,118	225 020,153	10,054	9,593
66	76	66 762	21 245,203	202 639,035	9,538	9,077
67	77	64 238	20 090,236	181 393,831	9,029	8,568
68	78	61 542	18 916,083	161 303,595	8,527	8,066
69	79	58 694	17 730,405	142 387,512	8,031	7,569
70	80	55 590	16 504,021	124 657,106	7,553	7,092
71	81	52 258	15 247,740	108 153,085	7,093	6,632
72	82	48 737	13 975,788	92 905,345	6,648	6,186
73	83	45 073	12 702,872	78 929,557	6,214	5,752
74	84	41 254	11 426,534	66 226,685	5,796	5,335
75	85	37 291	10 151,235	54 800,151	5,398	4,937
76	86	33 240	8 892,924	44 648,917	5,021	4,560
77	87	29 145	7 663,183	35 755,992	4,666	4,205
78	88	25 115	6 490,016	28 092,809	4,329	3,867
79	89	21 203	5 384,910	21 602,794	4,012	3,551
80	90	17 464	4 358,990	16 217,884	3,721	3,259
81	91	14 009	3 436,404	11 858,893	3,451	2,990
82	92	10 888	2 625,058	8 422,489	3,208	2,747
83	93	8 185	1 939,303	5 797,431	2,989	2,528
84	94	5 924	1 379,411	3 858,128	2,797	2,336
85	95	4 099	938,029	2 478,716	2,642	2,181
86	96	2 747	617,880	1 540,687	2,494	2,032
87	97	1 766	390,365	922,807	2,364	1,903
88	98	1 107	240,473	532,443	2,214	1,753
89	99	656	140,075	291,970	2,084	1,623
90	100	368	77,192	151,895	1,968	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	3 971 126,851	39,871	39,409
1	12	99 240	97 532,860	3 871 526,532	39,695	39,233
2	13	99 205	95 821,698	3 773 993,671	39,386	38,924
3	14	99 181	94 150,900	3 678 171,973	39,067	38,606
4	15	99 158	92 509,975	3 584 021,073	38,742	38,281
5	16	99 134	90 896,977	3 491 511,098	38,412	37,951
6	17	99 110	89 312,616	3 400 614,121	38,075	37,614
7	18	99 086	87 754,573	3 311 301,506	37,734	37,272
8	19	99 057	86 220,457	3 223 546,933	37,387	36,926
9	20	99 030	84 714,292	3 137 326,476	37,034	36,573
10	21	99 004	83 235,179	3 052 612,184	36,675	36,213
11	22	98 980	81 783,782	2 969 377,005	36,308	35,846
12	23	98 954	80 356,096	2 887 593,223	35,935	35,474
13	24	98 924	78 950,727	2 807 237,127	35,557	35,096
14	25	98 898	77 572,276	2 728 286,400	35,171	34,710
15	26	98 868	76 214,687	2 650 714,125	34,780	34,318
16	27	98 834	74 878,039	2 574 499,438	34,383	33,921
17	28	98 787	73 555,186	2 499 621,399	33,983	33,522
18	29	98 733	72 250,890	2 426 066,212	33,578	33,117
19	30	98 670	70 962,656	2 353 815,323	33,170	32,709
20	31	98 599	69 692,346	2 282 852,667	32,756	32,295
21	32	98 523	68 440,981	2 213 160,321	32,337	31,876
22	33	98 445	67 210,449	2 144 719,340	31,911	31,449
23	34	98 366	66 001,196	2 077 508,891	31,477	31,016
24	35	98 282	64 810,895	2 011 507,695	31,037	30,575
25	36	98 195	63 639,796	1 946 696,800	30,589	30,128
26	37	98 102	62 485,851	1 883 057,004	30,136	29,675
27	38	98 010	61 353,808	1 820 571,153	29,673	29,212
28	39	97 901	60 231,468	1 759 217,345	29,208	28,746
29	40	97 792	59 129,810	1 698 985,877	28,733	28,272
30	41	97 670	58 040,142	1 639 856,067	28,254	27,793
31	42	97 539	56 965,556	1 581 815,925	27,768	27,307
32	43	97 391	55 900,841	1 524 850,370	27,278	26,817
33	44	97 235	54 851,508	1 468 949,529	26,780	26,319
34	45	97 067	53 814,888	1 414 098,021	26,277	25,816
35	46	96 881	52 787,971	1 360 283,133	25,769	25,308
36	47	96 672	51 768,199	1 307 495,161	25,257	24,796
37	48	96 448	50 759,823	1 255 726,963	24,739	24,277
38	49	96 204	49 760,338	1 204 967,140	24,215	23,754
39	50	95 929	48 764,689	1 155 206,802	23,689	23,228
40	51	95 635	47 779,335	1 106 442,113	23,157	22,696
41	52	95 304	46 794,977	1 058 662,778	22,623	22,162
42	53	94 944	45 816,465	1 011 867,801	22,085	21,624
43	54	94 543	44 838,487	966 051,336	21,545	21,084
44	55	94 104	43 862,733	921 212,849	21,002	20,541
45	56	93 624	42 888,355	877 350,116	20,457	19,995
46	57	93 095	41 912,323	834 461,761	19,910	19,448
47	58	92 520	40 937,389	792 549,438	19,360	18,899
48	59	91 883	39 956,287	751 612,049	18,811	18,350
49	60	91 185	38 970,580	711 655,762	18,261	17,800
50	61	90 408	37 973,970	672 685,182	17,714	17,253
51	62	89 586	36 981,490	634 711,212	17,163	16,702
52	63	88 698	35 985,110	597 729,722	16,610	16,149
53	64	87 724	34 977,860	561 744,612	16,060	15,599
54	65	86 650	33 955,601	526 766,752	15,513	15,052
55	66	85 477	32 919,691	492 811,151	14,970	14,509
56	67	84 209	31 873,702	459 891,460	14,429	13,967
57	68	82 823	30 809,932	428 017,757	13,892	13,431
58	69	81 359	29 744,737	397 207,825	13,354	12,893
59	70	79 771	28 662,573	367 463,088	12,820	12,359
60	71	78 070	27 568,994	338 800,516	12,289	11,828
61	72	76 252	26 463,607	311 231,522	11,761	11,300
62	73	74 327	25 352,027	284 767,915	11,233	10,771
63	74	72 289	24 232,757	259 415,888	10,705	10,244
64	75	70 124	23 102,621	235 183,131	10,180	9,719
65	76	67 804	21 954,366	212 080,510	9,660	9,199
66	77	65 305	20 781,504	190 126,145	9,149	8,688
67	78	62 667	19 598,992	169 344,641	8,640	8,179
68	79	59 813	18 384,537	149 745,648	8,145	7,684
69	80	56 762	17 146,662	131 361,112	7,661	7,200
70	81	53 455	15 870,135	114 214,450	7,197	6,736
71	82	49 955	14 575,886	98 344,314	6,747	6,286
72	83	46 283	13 272,225	83 768,429	6,312	5,850
73	84	42 455	11 965,065	70 496,204	5,892	5,431
74	85	38 480	10 658,431	58 531,139	5,492	5,030
75	86	34 411	9 367,343	47 872,707	5,111	4,649
76	87	30 285	8 102,275	38 505,365	4,752	4,291
77	88	26 196	6 887,745	30 403,089	4,414	3,953
78	89	22 231	5 744,799	23 515,344	4,093	3,632
79	90	18 427	4 679,928	17 770,545	3,797	3,336
80	91	14 880	3 714,135	13 090,617	3,525	3,063
81	92	11 664	2 861,374	9 376,483	3,277	2,816
82	93	8 846	2 132,706	6 515,109	3,055	2,594
83	94	6 472	1 533,604	4 382,403	2,858	2,396
84	95	4 531	1 055,012	2 848,798	2,700	2,239
85	96	3 078	704,429	1 793,787	2,546	2,085
86	97	2 007	451,370	1 089,358	2,413	1,952
87	98	1 277	282,212	637,988	2,261	1,799
88	99	770	167,193	355,776	2,128	1,667
89	100	439	93,777	188,583	2,011	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	3 950 284,528	39,664	39,203
1	13	99 232	97 525,144	3 850 691,627	39,484	39,023
2	14	99 196	95 813,484	3 753 166,482	39,172	38,710
3	15	99 170	94 141,020	3 657 352,998	38,850	38,389
4	16	99 145	92 498,402	3 563 211,978	38,522	38,061
5	17	99 120	90 884,151	3 470 713,576	38,188	37,727
6	18	99 096	89 299,539	3 379 829,425	37,848	37,387
7	19	99 065	87 736,702	3 290 529,887	37,505	37,043
8	20	99 038	86 203,814	3 202 793,184	37,154	36,693
9	21	99 012	84 698,605	3 116 589,370	36,796	36,335
10	22	98 987	83 221,399	3 031 890,764	36,432	35,970
11	23	98 962	81 769,630	2 948 669,366	36,061	35,599
12	24	98 932	80 338,660	2 866 899,736	35,685	35,224
13	25	98 908	78 937,339	2 786 561,076	35,301	34,840
14	26	98 880	77 557,811	2 707 623,737	34,911	34,450
15	27	98 849	76 199,858	2 630 065,926	34,515	34,054
16	28	98 812	74 861,684	2 553 866,068	34,114	33,653
17	29	98 762	73 536,842	2 479 004,384	33,711	33,250
18	30	98 708	72 232,192	2 405 467,542	33,302	32,841
19	31	98 640	70 941,585	2 333 235,350	32,890	32,428
20	32	98 568	69 670,101	2 262 293,765	32,472	32,010
21	33	98 489	68 417,228	2 192 623,664	32,048	31,587
22	34	98 410	67 186,519	2 124 206,436	31,617	31,155
23	35	98 327	65 975,382	2 057 019,916	31,179	30,717
24	36	98 242	64 784,809	1 991 044,535	30,733	30,272
25	37	98 149	63 609,958	1 926 259,725	30,282	29,821
26	38	98 057	62 457,093	1 862 649,767	29,823	29,362
27	39	97 953	61 317,876	1 800 192,673	29,358	28,897
28	40	97 843	60 195,588	1 738 874,798	28,887	28,426
29	41	97 726	59 089,679	1 678 679,210	28,409	27,948
30	42	97 595	57 995,865	1 619 589,531	27,926	27,465
31	43	97 458	56 918,285	1 561 593,666	27,436	26,975
32	44	97 304	55 850,534	1 504 675,381	26,941	26,480
33	45	97 136	54 795,557	1 448 824,847	26,441	25,979
34	46	96 959	53 755,048	1 394 029,290	25,933	25,472
35	47	96 758	52 720,945	1 340 274,241	25,422	24,961
36	48	96 534	51 693,987	1 287 553,296	24,907	24,446
37	49	96 294	50 678,628	1 235 859,310	24,386	23,925
38	50	96 029	49 670,200	1 185 180,681	23,861	23,400
39	51	95 739	48 668,590	1 135 510,482	23,331	22,870
40	52	95 424	47 673,801	1 086 841,892	22,797	22,336
41	53	95 070	46 680,081	1 039 168,091	22,261	21,800
42	54	94 684	45 691,242	992 488,009	21,722	21,260
43	55	94 259	44 703,540	946 796,767	21,179	20,718
44	56	93 793	43 717,399	902 093,228	20,635	20,173
45	57	93 285	42 733,147	858 375,829	20,087	19,626
46	58	92 723	41 744,997	815 642,682	19,539	19,077
47	59	92 112	40 756,833	773 897,685	18,988	18,527
48	60	91 440	39 763,298	733 140,852	18,438	17,976
49	61	90 693	38 760,489	693 377,554	17,889	17,428
50	62	89 902	37 761,501	654 617,065	17,336	16,874
51	63	89 042	36 756,767	616 855,564	16,782	16,321
52	64	88 114	35 748,170	580 098,797	16,227	15,766
53	65	87 085	34 722,964	544 350,628	15,677	15,216
54	66	85 956	33 683,544	509 627,664	15,130	14,669
55	67	84 730	32 632,124	475 944,121	14,585	14,124
56	68	83 393	31 564,706	443 311,996	14,045	13,583
57	69	81 977	30 495,215	411 747,291	13,502	13,041
58	70	80 450	29 412,423	381 252,075	12,962	12,501
59	71	78 799	28 313,362	351 839,653	12,427	11,965
60	72	77 025	27 199,835	323 526,291	11,894	11,433
61	73	75 153	26 082,284	296 326,456	11,361	10,900
62	74	73 176	24 959,507	270 244,172	10,827	10,366
63	75	71 052	23 818,173	245 284,665	10,298	9,837
64	76	68 786	22 662,111	221 466,492	9,773	9,311
65	77	66 325	21 475,188	198 804,380	9,257	8,796
66	78	63 708	20 273,357	177 329,192	8,747	8,286
67	79	60 906	19 048,256	157 055,835	8,245	7,784
68	80	57 843	17 779,257	138 007,580	7,762	7,301
69	81	54 581	16 488,094	120 228,322	7,292	6,831
70	82	51 100	15 170,856	103 740,229	6,838	6,377
71	83	47 440	13 842,113	88 569,372	6,399	5,937
72	84	43 595	12 501,349	74 727,260	5,978	5,516
73	85	39 601	11 160,762	62 225,911	5,575	5,114
74	86	35 509	9 835,373	51 065,149	5,192	4,731
75	87	31 352	8 534,514	41 229,776	4,831	4,370
76	88	27 220	7 282,406	32 695,261	4,490	4,028
77	89	23 188	6 096,859	25 412,856	4,168	3,707
78	90	19 321	4 992,701	19 315,996	3,869	3,408
79	91	15 701	3 987,594	14 323,295	3,592	3,131
80	92	12 390	3 092,630	10 335,702	3,342	2,881
81	93	9 477	2 324,699	7 243,072	3,116	2,654
82	94	6 996	1 686,548	4 918,373	2,916	2,455
83	95	4 950	1 172,942	3 231,825	2,755	2,294
84	96	3 402	792,279	2 058,883	2,599	2,137
85	97	2 248	514,595	1 266,604	2,461	2,000
86	98	1 451	326,315	752,009	2,305	1,843
87	99	888	196,213	425,694	2,170	1,708
88	100	515	111,931	229,480	2,050	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	3 928 514,139	39,449	38,988
1	14	99 223	97 516,784	3 828 929,118	39,264	38,803
2	15	99 186	95 803,430	3 731 412,333	38,949	38,487
3	16	99 158	94 129,243	3 635 608,903	38,624	38,162
4	17	99 131	92 485,350	3 541 479,660	38,292	37,831
5	18	99 105	90 870,844	3 448 994,310	37,955	37,494
6	19	99 076	89 281,353	3 358 123,466	37,613	37,152
7	20	99 046	87 719,767	3 268 842,113	37,265	36,803
8	21	99 020	86 187,852	3 181 122,346	36,909	36,448
9	22	98 995	84 684,583	3 094 934,494	36,547	36,085
10	23	98 970	83 206,997	3 010 249,911	36,178	35,717
11	24	98 941	81 751,887	2 927 042,913	35,804	35,343
12	25	98 915	80 325,037	2 845 291,026	35,422	34,961
13	26	98 889	78 922,620	2 764 965,990	35,034	34,573
14	27	98 861	77 542,721	2 686 043,369	34,640	34,178
15	28	98 827	76 183,214	2 608 500,648	34,240	33,779
16	29	98 787	74 843,014	2 532 317,435	33,835	33,374
17	30	98 736	73 517,812	2 457 474,421	33,427	32,966
18	31	98 678	72 210,744	2 383 956,609	33,014	32,553
19	32	98 609	70 918,941	2 311 745,865	32,597	32,136
20	33	98 534	69 645,922	2 240 826,924	32,175	31,713
21	34	98 454	68 392,869	2 171 181,002	31,746	31,285
22	35	98 372	67 160,241	2 102 788,133	31,310	30,849
23	36	98 288	65 948,828	2 035 627,892	30,867	30,406
24	37	98 196	64 754,435	1 969 679,064	30,418	29,956
25	38	98 104	63 580,684	1 904 924,629	29,961	29,500
26	39	97 999	62 420,515	1 841 343,945	29,499	29,038
27	40	97 894	61 281,349	1 778 923,430	29,029	28,568
28	41	97 776	60 154,733	1 717 642,082	28,554	28,093
29	42	97 651	59 044,602	1 657 487,349	28,072	27,611
30	43	97 514	57 947,740	1 598 442,747	27,584	27,123
31	44	97 371	56 867,063	1 540 495,008	27,089	26,628
32	45	97 204	55 793,564	1 483 627,945	26,591	26,130
33	46	97 028	54 734,627	1 427 834,381	26,086	25,625
34	47	96 836	53 686,794	1 373 099,754	25,576	25,115
35	48	96 619	52 645,367	1 319 412,960	25,062	24,601
36	49	96 379	51 611,298	1 266 767,593	24,544	24,083
37	50	96 119	50 586,827	1 215 156,295	24,021	23,560
38	51	95 840	49 572,316	1 164 569,468	23,492	23,031
39	52	95 528	48 561,092	1 114 997,152	22,961	22,500
40	53	95 189	47 556,748	1 066 436,060	22,424	21,963
41	54	94 810	46 552,498	1 018 879,313	21,887	21,425
42	55	94 399	45 553,728	972 326,814	21,345	20,883
43	56	93 946	44 555,419	926 773,086	20,800	20,339
44	57	93 453	43 559,191	882 217,667	20,253	19,792
45	58	92 913	42 562,544	838 658,476	19,704	19,243
46	59	92 314	41 560,879	796 095,932	19,155	18,694
47	60	91 667	40 559,977	754 535,053	18,603	18,142
48	61	90 947	39 548,933	713 975,077	18,053	17,592
49	62	90 186	38 543,620	674 426,144	17,498	17,037
50	63	89 356	37 532,038	635 882,524	16,942	16,481
51	64	88 455	36 514,745	598 350,485	16,387	15,925
52	65	87 472	35 487,660	561 835,740	15,832	15,371
53	66	86 387	34 444,758	526 348,080	15,281	14,820
54	67	85 205	33 389,304	491 903,323	14,732	14,271
55	68	83 909	32 315,775	458 514,019	14,189	13,727
56	69	82 541	31 242,279	426 198,244	13,642	13,181
57	70	81 061	30 154,517	394 955,965	13,098	12,637
58	71	79 470	29 054,076	364 801,448	12,556	12,095
59	72	77 744	27 934,235	335 747,372	12,019	11,558
60	73	75 915	26 807,903	307 813,137	11,482	11,021
61	74	73 989	25 678,459	281 005,233	10,943	10,482
62	75	71 924	24 532,490	255 326,775	10,408	9,946
63	76	69 697	23 364,019	230 794,285	9,878	9,417
64	77	67 285	22 167,486	207 430,265	9,357	8,896
65	78	64 703	20 950,079	185 262,779	8,843	8,382
66	79	61 918	19 703,671	164 312,700	8,339	7,878
67	80	58 901	18 421,125	144 609,029	7,850	7,389
68	81	55 622	17 096,392	126 187,905	7,381	6,920
69	82	52 176	15 761,586	109 091,513	6,921	6,460
70	83	48 527	14 407,132	93 329,927	6,478	6,017
71	84	44 685	13 038,137	78 922,795	6,053	5,592
72	85	40 664	11 660,996	65 884,659	5,650	5,189
73	86	36 543	10 298,913	54 223,662	5,265	4,804
74	87	32 352	8 960,933	43 924,749	4,902	4,441
75	88	28 179	7 670,906	34 963,816	4,558	4,097
76	89	24 095	6 446,203	27 292,910	4,234	3,773
77	90	20 152	5 298,670	20 846,707	3,934	3,473
78	91	16 462	4 254,096	15 548,037	3,655	3,194
79	92	13 074	3 320,330	11 293,941	3,401	2,940
80	93	10 066	2 512,581	7 973,611	3,173	2,712
81	94	7 494	1 838,376	5 461,030	2,971	2,509
82	95	5 350	1 289,918	3 622,654	2,808	2,347
83	96	3 718	880,841	2 332,736	2,648	2,187
84	97	2 485	578,771	1 451,895	2,509	2,047
85	98	1 626	372,024	873,125	2,347	1,886
86	99	1 009	226,877	501,101	2,209	1,747
87	100	594	131,360	274,224	2,088	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	3 905 820,476	39,224	38,763
1	15	99 213	97 506,551	3 806 243,991	39,036	38,575
2	16	99 173	95 791,445	3 708 737,440	38,717	38,256
3	17	99 144	94 115,961	3 612 945,995	38,388	37,927
4	18	99 117	92 471,809	3 518 830,034	38,053	37,592
5	19	99 085	90 852,339	3 426 358,225	37,713	37,252
6	20	99 057	89 264,120	3 335 505,887	37,367	36,905
7	21	99 028	87 703,524	3 246 241,767	37,014	36,553
8	22	99 003	86 173,583	3 158 538,243	36,653	36,192
9	23	98 978	84 669,929	3 072 364,659	36,286	35,825
10	24	98 949	83 188,943	2 987 694,731	35,915	35,453
11	25	98 924	81 738,024	2 904 505,788	35,534	35,073
12	26	98 897	80 310,059	2 822 767,764	35,148	34,687
13	27	98 870	78 907,264	2 742 457,704	34,755	34,294
14	28	98 839	77 525,783	2 663 550,440	34,357	33,896
15	29	98 802	76 164,214	2 586 024,657	33,953	33,492
16	30	98 762	74 823,646	2 509 860,443	33,544	33,082
17	31	98 707	73 495,982	2 435 036,797	33,132	32,670
18	32	98 647	72 187,695	2 361 540,815	32,714	32,253
19	33	98 575	70 894,328	2 289 353,120	32,292	31,831
20	34	98 498	69 621,125	2 218 458,792	31,865	31,404
21	35	98 416	68 366,119	2 148 837,667	31,431	30,970
22	36	98 332	67 133,211	2 080 471,548	30,990	30,529
23	37	98 242	65 917,908	2 013 338,337	30,543	30,082
24	38	98 151	64 724,634	1 947 420,429	30,088	29,627
25	39	98 046	63 543,447	1 882 695,795	29,628	29,167
26	40	97 941	62 383,331	1 819 152,348	29,161	28,700
27	41	97 828	61 239,757	1 756 769,018	28,687	28,226
28	42	97 702	60 108,843	1 695 529,261	28,208	27,746
29	43	97 570	58 995,606	1 635 420,417	27,721	27,260
30	44	97 427	57 895,591	1 576 424,811	27,229	26,768
31	45	97 271	56 809,056	1 518 529,221	26,730	26,269
32	46	97 096	55 731,524	1 461 720,165	26,228	25,767
33	47	96 905	54 665,129	1 405 988,641	25,720	25,259
34	48	96 697	53 609,832	1 351 323,512	25,207	24,745
35	49	96 465	52 561,157	1 297 713,681	24,690	24,228
36	50	96 205	51 517,807	1 245 152,524	24,169	23,708
37	51	95 930	50 487,137	1 193 634,717	23,642	23,181
38	52	95 628	49 462,822	1 143 147,580	23,111	22,650
39	53	95 293	48 441,860	1 093 684,758	22,577	22,116
40	54	94 929	47 426,768	1 045 242,898	22,039	21,578
41	55	94 525	46 412,392	997 816,130	21,499	21,038
42	56	94 087	45 402,791	951 403,738	20,955	20,494
43	57	93 606	44 394,178	906 000,947	20,408	19,947
44	58	93 080	43 385,290	861 606,769	19,859	19,398
45	59	92 503	42 374,820	818 221,479	19,309	18,848
46	60	91 868	41 360,139	775 846,659	18,758	18,297
47	61	91 173	40 341,317	734 486,519	18,207	17,746
48	62	90 438	39 327,652	694 145,202	17,650	17,189
49	63	89 638	38 309,404	654 817,550	17,093	16,632
50	64	88 768	37 284,912	616 508,145	16,535	16,074
51	65	87 811	36 248,650	579 223,234	15,979	15,518
52	66	86 771	35 203,327	542 974,584	15,424	14,963
53	67	85 632	34 143,868	507 771,257	14,872	14,410
54	68	84 379	33 065,614	473 627,389	14,324	13,863
55	69	83 052	31 985,676	440 561,775	13,774	13,313
56	70	81 619	30 893,234	408 576,098	13,225	12,764
57	71	80 074	29 787,129	377 682,864	12,679	12,218
58	72	78 406	28 665,031	347 895,735	12,137	11,675
59	73	76 624	27 531,722	319 230,704	11,595	11,134
60	74	74 740	26 392,843	291 698,982	11,052	10,591
61	75	72 723	25 239,141	265 306,139	10,512	10,050
62	76	70 553	24 064,716	240 066,998	9,976	9,515
63	77	68 176	22 854,074	216 002,282	9,451	8,990
64	78	65 640	21 625,449	193 148,208	8,932	8,470
65	79	62 885	20 361,377	171 522,759	8,424	7,963
66	80	59 880	19 054,961	151 161,382	7,933	7,472
67	81	56 639	17 713,607	132 106,421	7,458	6,997
68	82	53 171	16 343,081	114 392,814	6,999	6,538
69	83	49 550	14 968,123	98 049,733	6,551	6,089
70	84	45 709	13 570,338	83 081,610	6,122	5,661
71	85	41 681	12 161,701	69 511,272	5,716	5,254
72	86	37 524	10 760,519	57 349,571	5,330	4,868
73	87	33 294	9 383,261	46 589,052	4,965	4,504
74	88	29 078	8 054,176	37 205,791	4,619	4,158
75	89	24 943	6 790,094	29 151,616	4,293	3,832
76	90	20 940	5 602,278	22 361,522	3,992	3,530
77	91	17 171	4 514,801	16 759,243	3,712	3,251
78	92	13 708	3 542,237	12 244,442	3,457	2,995
79	93	10 622	2 697,574	8 702,205	3,226	2,765
80	94	7 961	1 986,953	6 004,632	3,022	2,561
81	95	5 732	1 406,040	4 017,678	2,857	2,396
82	96	4 018	968,685	2 611,638	2,696	2,235
83	97	2 716	643,467	1 642,953	2,553	2,092
84	98	1 797	418,419	999,486	2,389	1,928
85	99	1 130	258,657	581,067	2,246	1,785
86	100	675	151,888	322,410	2,123	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	3 882 209,187	38,991	38,530
1	16	99 201	97 494,353	3 782 643,151	38,799	38,337
2	17	99 159	95 777,929	3 685 148,798	38,476	38,015
3	18	99 130	94 102,181	3 589 370,870	38,143	37,682
4	19	99 097	92 452,977	3 495 268,689	37,806	37,345
5	20	99 066	90 834,802	3 402 815,712	37,462	37,000
6	21	99 038	89 247,591	3 311 980,910	37,110	36,649
7	22	99 012	87 689,004	3 222 733,318	36,752	36,291
8	23	98 986	86 158,671	3 135 044,314	36,387	35,926
9	24	98 957	84 651,557	3 048 885,643	36,017	35,556
10	25	98 932	83 174,836	2 964 234,087	35,639	35,177
11	26	98 906	81 722,783	2 881 059,250	35,254	34,793
12	27	98 878	80 294,433	2 799 336,467	34,863	34,402
13	28	98 848	78 890,029	2 719 042,034	34,466	34,005
14	29	98 814	77 506,449	2 640 152,005	34,064	33,602
15	30	98 777	76 144,504	2 562 645,556	33,655	33,194
16	31	98 733	74 801,428	2 486 501,052	33,241	32,780
17	32	98 676	73 472,523	2 411 699,624	32,825	32,363
18	33	98 612	72 162,643	2 338 227,102	32,402	31,941
19	34	98 540	70 869,087	2 266 064,459	31,975	31,514
20	35	98 460	69 593,895	2 195 195,372	31,543	31,082
21	36	98 376	68 338,603	2 125 601,477	31,104	30,643
22	37	98 286	67 101,735	2 057 262,874	30,659	30,198
23	38	98 196	65 887,571	1 990 161,139	30,205	29,744
24	39	98 094	64 686,727	1 924 273,568	29,748	29,286
25	40	97 988	63 505,594	1 859 586,841	29,282	28,821
26	41	97 874	62 340,991	1 796 081,247	28,811	28,349
27	42	97 753	61 193,040	1 733 740,256	28,332	27,871
28	43	97 621	60 058,964	1 672 547,216	27,848	27,387
29	44	97 483	58 942,514	1 612 488,252	27,357	26,896
30	45	97 327	57 836,535	1 553 545,738	26,861	26,400
31	46	97 163	56 745,887	1 495 709,203	26,358	25,897
32	47	96 973	55 660,760	1 438 963,317	25,852	25,391
33	48	96 766	54 586,764	1 383 302,556	25,341	24,880
34	49	96 543	53 524,079	1 328 715,792	24,825	24,363
35	50	96 290	52 465,945	1 275 191,714	24,305	23,844
36	51	96 015	51 416,282	1 222 725,769	23,781	23,320
37	52	95 718	50 375,622	1 171 309,486	23,252	22,790
38	53	95 394	49 341,376	1 120 933,864	22,718	22,257
39	54	95 033	48 309,461	1 071 592,489	22,182	21,721
40	55	94 644	47 284,031	1 023 283,027	21,641	21,180
41	56	94 211	46 258,610	975 998,996	21,099	20,638
42	57	93 746	45 238,483	929 740,387	20,552	20,091
43	58	93 233	44 216,944	884 501,903	20,004	19,542
44	59	92 670	43 193,937	840 284,959	19,454	18,993
45	60	92 056	42 170,149	797 091,022	18,902	18,441
46	61	91 373	41 137,166	754 920,873	18,351	17,890
47	62	90 663	40 115,603	713 783,707	17,793	17,332
48	63	89 888	39 088,673	673 668,104	17,234	16,773
49	64	89 048	38 057,159	634 579,431	16,674	16,213
50	65	88 121	37 013,204	596 522,271	16,116	15,655
51	66	87 107	35 958,220	559 509,068	15,560	15,099
52	67	86 013	34 895,811	523 550,848	15,003	14,542
53	68	84 802	33 812,864	488 655,037	14,452	13,991
54	69	83 517	32 727,856	454 842,173	13,898	13,437
55	70	82 124	31 628,326	422 114,317	13,346	12,885
56	71	80 625	30 516,846	390 485,991	12,796	12,335
57	72	79 002	29 388,268	359 969,146	12,249	11,788
58	73	77 276	28 251,988	330 580,877	11,701	11,240
59	74	75 438	27 105,455	302 328,890	11,154	10,693
60	75	73 461	25 941,304	275 223,435	10,609	10,148
61	76	71 337	24 757,893	249 282,131	10,069	9,608
62	77	69 013	23 539,477	224 524,238	9,538	9,077
63	78	66 509	22 295,249	200 984,761	9,015	8,553
64	79	63 795	21 017,769	178 689,512	8,502	8,041
65	80	60 814	19 691,013	157 671,743	8,007	7,546
66	81	57 580	18 323,099	137 980,729	7,530	7,069
67	82	54 143	16 933,099	119 657,631	7,066	6,605
68	83	50 494	15 520,345	102 724,531	6,619	6,157
69	84	46 672	14 098,746	87 204,186	6,185	5,724
70	85	42 636	12 658,127	73 105,440	5,775	5,314
71	86	38 462	11 222,558	60 447,313	5,386	4,925
72	87	34 188	9 803,826	49 224,755	5,021	4,560
73	88	29 925	8 433,768	39 420,929	4,674	4,213
74	89	25 739	7 129,355	30 987,161	4,346	3,885
75	90	21 678	5 901,148	23 857,806	4,043	3,582
76	91	17 842	4 773,494	17 956,658	3,762	3,301
77	92	14 297	3 759,317	13 183,164	3,507	3,046
78	93	11 137	2 877,861	9 423,847	3,275	2,813
79	94	8 400	2 133,246	6 545,987	3,069	2,607
80	95	6 088	1 519,676	4 412,741	2,904	2,443
81	96	4 304	1 055,889	2 893,064	2,740	2,279
82	97	2 935	707,639	1 837,175	2,596	2,135
83	98	1 963	465,191	1 129,536	2,428	1,967
84	99	1 249	290,914	664,346	2,284	1,822
85	100	757	173,164	373,432	2,157	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	3 857 687,488	38,750	38,289
1	17	99 187	97 480,596	3 758 133,908	38,553	38,091
2	18	99 145	95 763,905	3 660 653,312	38,226	37,765
3	19	99 109	94 083,018	3 564 889,407	37,891	37,430
4	20	99 077	92 435,132	3 470 806,389	37,549	37,087
5	21	99 048	90 817,982	3 378 371,258	37,199	36,738
6	22	99 022	89 232,816	3 287 553,275	36,842	36,381
7	23	98 994	87 673,830	3 198 320,460	36,480	36,019
8	24	98 965	86 139,976	3 110 646,630	36,112	35,650
9	25	98 940	84 637,202	3 024 506,654	35,735	35,274
10	26	98 913	83 159,328	2 939 869,452	35,352	34,891
11	27	98 887	81 706,882	2 856 710,124	34,963	34,502
12	28	98 856	80 276,895	2 775 003,242	34,568	34,107
13	29	98 824	78 870,354	2 694 726,347	34,167	33,705
14	30	98 789	77 486,392	2 615 855,993	33,759	33,298
15	31	98 747	76 121,894	2 538 369,602	33,346	32,885
16	32	98 701	74 777,552	2 462 247,707	32,928	32,466
17	33	98 641	73 447,024	2 387 470,156	32,506	32,045
18	34	98 577	72 136,949	2 314 023,131	32,078	31,617
19	35	98 501	70 841,369	2 241 886,182	31,647	31,185
20	36	98 420	69 565,885	2 171 044,814	31,208	30,747
21	37	98 330	68 306,563	2 101 478,929	30,765	30,304
22	38	98 241	67 070,854	2 033 172,366	30,314	29,853
23	39	98 139	65 848,983	1 966 101,513	29,858	29,397
24	40	98 035	64 648,193	1 900 252,529	29,394	28,933
25	41	97 921	63 462,493	1 835 604,336	28,924	28,463
26	42	97 800	62 293,434	1 772 141,844	28,448	27,987
27	43	97 672	61 142,261	1 709 848,410	27,965	27,504
28	44	97 533	60 004,916	1 648 706,149	27,476	27,015
29	45	97 383	58 882,390	1 588 701,233	26,981	26,520
30	46	97 219	57 772,223	1 529 818,843	26,480	26,019
31	47	97 040	56 673,835	1 472 046,620	25,974	25,513
32	48	96 834	55 580,968	1 415 372,786	25,465	25,004
33	49	96 611	54 499,448	1 359 791,818	24,951	24,489
34	50	96 368	53 427,123	1 305 292,369	24,431	23,970
35	51	96 100	52 362,552	1 251 865,247	23,908	23,446
36	52	95 803	51 302,715	1 199 502,695	23,381	22,920
37	53	95 483	50 251,935	1 148 199,980	22,849	22,388
38	54	95 133	49 206,519	1 097 948,045	22,313	21,852
39	55	94 747	48 164,067	1 048 741,526	21,774	21,313
40	56	94 330	47 127,361	1 000 577,459	21,231	20,770
41	57	93 871	46 091,205	953 450,098	20,686	20,225
42	58	93 372	45 057,878	907 358,893	20,138	19,676
43	59	92 822	44 021,923	862 301,014	19,588	19,127
44	60	92 222	42 985,310	818 279,091	19,036	18,575
45	61	91 560	41 942,809	775 293,781	18,485	18,023
46	62	90 862	40 906,999	733 350,972	17,927	17,466
47	63	90 112	39 871,835	692 443,973	17,367	16,906
48	64	89 296	38 831,297	652 572,138	16,805	16,344
49	65	88 399	37 779,823	613 740,841	16,245	15,784
50	66	87 415	36 716,648	575 961,017	15,687	15,225
51	67	86 346	35 644,109	539 244,370	15,129	14,667
52	68	85 179	34 557,517	503 600,260	14,573	14,112
53	69	83 936	33 467,472	469 042,743	14,015	13,554
54	70	82 584	32 362,214	435 575,271	13,459	12,998
55	71	81 123	31 242,982	403 213,057	12,906	12,445
56	72	79 545	30 108,214	371 970,075	12,354	11,893
57	73	77 863	28 964,803	341 861,861	11,803	11,341
58	74	76 080	27 814,569	312 897,058	11,249	10,788
59	75	74 147	26 641,724	285 082,489	10,701	10,239
60	76	72 060	25 446,667	258 440,765	10,156	9,695
61	77	69 780	24 217,525	232 994,098	9,621	9,160
62	78	67 325	22 963,893	208 776,573	9,092	8,630
63	79	64 640	21 668,747	185 812,680	8,575	8,114
64	80	61 695	20 325,795	164 143,933	8,076	7,614
65	81	58 478	18 934,721	143 818,138	7,595	7,134
66	82	55 043	17 515,736	124 883,416	7,130	6,669
67	83	51 417	16 080,661	107 367,681	6,677	6,216
68	84	47 561	14 618,894	91 287,020	6,244	5,783
69	85	43 535	13 151,015	76 668,126	5,830	5,369
70	86	39 344	11 680,650	63 517,111	5,438	4,977
71	87	35 043	10 224,787	51 836,461	5,070	4,608
72	88	30 729	8 811,777	41 611,675	4,722	4,261
73	89	26 489	7 465,360	32 799,898	4,394	3,932
74	90	22 370	6 195,993	25 334,538	4,089	3,628
75	91	18 471	5 028,150	19 138,545	3,806	3,345
76	92	14 857	3 974,722	14 110,395	3,550	3,089
77	93	11 616	3 054,225	10 135,673	3,319	2,857
78	94	8 807	2 275,817	7 081,448	3,112	2,650
79	95	6 424	1 631,565	4 805,631	2,945	2,484
80	96	4 572	1 141,226	3 174,066	2,781	2,320
81	97	3 144	771,342	2 032,840	2,635	2,174
82	98	2 122	511,583	1 261,497	2,466	2,005
83	99	1 365	323,433	749,914	2,319	1,857
84	100	836	194,759	426,481	2,190	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	3 832 262,752	38,500	38,039
1	18	99 172	97 466,323	3 732 723,219	38,298	37,836
2	19	99 125	95 744,403	3 635 256,895	37,968	37,507
3	20	99 090	94 064,857	3 539 512,492	37,628	37,167
4	21	99 059	92 418,016	3 445 447,635	37,281	36,820
5	22	99 031	90 802,947	3 353 029,619	36,926	36,465
6	23	99 005	89 217,374	3 262 226,672	36,565	36,104
7	24	98 973	87 654,806	3 173 009,298	36,199	35,738
8	25	98 948	86 125,369	3 085 354,492	35,824	35,363
9	26	98 921	84 621,421	2 999 229,123	35,443	34,982
10	27	98 894	83 143,147	2 914 607,702	35,055	34,594
11	28	98 865	81 689,035	2 831 464,555	34,662	34,200
12	29	98 831	80 256,874	2 749 775,520	34,262	33,801
13	30	98 798	78 849,944	2 669 518,646	33,856	33,394
14	31	98 759	77 463,383	2 590 668,702	33,444	32,983
15	32	98 716	76 097,597	2 513 205,319	33,026	32,565
16	33	98 667	74 751,601	2 437 107,723	32,603	32,142
17	34	98 606	73 420,874	2 362 356,122	32,176	31,714
18	35	98 539	72 108,735	2 288 935,248	31,743	31,282
19	36	98 461	70 812,856	2 216 826,513	31,305	30,844
20	37	98 374	69 533,269	2 146 013,657	30,863	30,402
21	38	98 285	68 275,126	2 076 480,388	30,413	29,952
22	39	98 183	67 031,573	2 008 205,262	29,959	29,498
23	40	98 080	65 809,757	1 941 173,689	29,497	29,036
24	41	97 969	64 604,316	1 875 363,932	29,028	28,567
25	42	97 847	63 414,080	1 810 759,616	28,555	28,093
26	43	97 718	62 241,742	1 747 345,536	28,074	27,612
27	44	97 584	61 087,237	1 685 103,794	27,585	27,124
28	45	97 433	59 943,708	1 624 016,557	27,092	26,631
29	46	97 275	58 816,915	1 564 072,849	26,592	26,131
30	47	97 096	57 698,868	1 505 255,933	26,088	25,627
31	48	96 901	56 592,590	1 447 557,065	25,579	25,117
32	49	96 679	55 492,062	1 390 964,475	25,066	24,605
33	50	96 436	54 400,725	1 335 472,413	24,549	24,088
34	51	96 178	53 321,835	1 281 071,688	24,025	23,564
35	52	95 888	52 246,895	1 227 749,852	23,499	23,038
36	53	95 568	51 176,752	1 175 502,958	22,969	22,508
37	54	95 222	50 114,589	1 124 326,206	22,435	21,974
38	55	94 847	49 058,425	1 074 211,617	21,897	21,435
39	56	94 433	48 004,481	1 025 153,192	21,355	20,894
40	57	93 989	46 956,812	977 148,711	20,810	20,348
41	58	93 496	45 907,196	930 191,899	20,262	19,801
42	59	92 960	44 859,148	884 284,702	19,712	19,251
43	60	92 373	43 809,297	839 425,554	19,161	18,700
44	61	91 725	42 753,575	795 616,257	18,609	18,148
45	62	91 048	41 708,135	752 862,682	18,051	17,590
46	63	90 310	40 658,422	711 154,547	17,491	17,030
47	64	89 519	39 609,303	670 496,125	16,928	16,467
48	65	88 646	38 548,319	630 886,822	16,366	15,905
49	66	87 691	37 477,125	592 338,503	15,805	15,344
50	67	86 651	36 395,912	554 861,377	15,245	14,784
51	68	85 509	35 298,561	518 465,465	14,688	14,227
52	69	84 309	34 204,519	483 166,904	14,126	13,665
53	70	82 998	33 093,567	448 962,384	13,566	13,105
54	71	81 578	31 967,928	415 868,817	13,009	12,548
55	72	80 037	30 824,627	383 900,889	12,454	11,993
56	73	78 399	29 674,375	353 076,262	11,898	11,437
57	74	76 658	28 516,348	323 401,887	11,341	10,880
58	75	74 778	27 338,706	294 885,539	10,786	10,325
59	76	72 733	26 133,732	267 546,833	10,238	9,776
60	77	70 487	24 891,266	241 413,101	9,699	9,238
61	78	68 073	23 625,361	216 521,835	9,165	8,704
62	79	65 434	22 318,602	192 896,474	8,643	8,182
63	80	62 512	20 955,341	170 577,872	8,140	7,679
64	81	59 325	19 545,122	149 622,531	7,655	7,194
65	82	55 902	18 100,409	130 077,409	7,186	6,725
66	83	52 272	16 633,966	111 977,000	6,732	6,271
67	84	48 431	15 146,666	95 343,034	6,295	5,833
68	85	44 364	13 636,198	80 196,368	5,881	5,420
69	86	40 173	12 135,476	66 560,170	5,485	5,024
70	87	35 846	10 642,151	54 424,694	5,114	4,653
71	88	31 497	9 190,140	43 782,544	4,764	4,303
72	89	27 200	7 799,964	34 592,404	4,435	3,974
73	90	23 021	6 488,009	26 792,440	4,130	3,668
74	91	19 060	5 279,377	20 304,430	3,846	3,385
75	92	15 380	4 186,764	15 025,054	3,589	3,127
76	93	12 070	3 229,229	10 838,289	3,356	2,895
77	94	9 186	2 415,286	7 609,060	3,150	2,689
78	95	6 736	1 740,607	5 193,774	2,984	2,523
79	96	4 824	1 225,251	3 453,166	2,818	2,357
80	97	3 340	833,682	2 227,916	2,672	2,211
81	98	2 273	557,638	1 394,233	2,500	2,039
82	99	1 475	355,688	836,596	2,352	1,891
83	100	914	216,530	480,907	2,221	1,760

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	3 805 941,746	38,241	37,780
1	19	99 152	97 446,475	3 706 416,788	38,035	37,574
2	20	99 106	95 725,922	3 608 970,312	37,701	37,240
3	21	99 072	94 047,439	3 513 244,390	37,356	36,895
4	22	99 043	92 402,715	3 419 196,951	37,003	36,542
5	23	99 014	90 787,234	3 326 794,235	36,644	36,183
6	24	98 983	89 198,015	3 236 007,002	36,279	35,818
7	25	98 956	87 639,942	3 146 808,986	35,906	35,445
8	26	98 929	86 109,310	3 059 169,044	35,527	35,065
9	27	98 902	84 604,956	2 973 059,734	35,140	34,679
10	28	98 873	83 124,986	2 888 454,778	34,748	34,287
11	29	98 840	81 668,662	2 805 329,792	34,350	33,889
12	30	98 806	80 236,105	2 723 661,129	33,946	33,484
13	31	98 769	78 826,531	2 643 425,024	33,535	33,074
14	32	98 728	77 438,657	2 564 598,494	33,118	32,657
15	33	98 682	76 071,187	2 487 159,836	32,695	32,234
16	34	98 632	74 724,985	2 411 088,649	32,266	31,805
17	35	98 568	73 392,158	2 336 363,664	31,834	31,373
18	36	98 499	72 079,713	2 262 971,506	31,395	30,934
19	37	98 415	70 779,656	2 190 891,794	30,954	30,492
20	38	98 329	69 501,268	2 120 112,138	30,505	30,043
21	39	98 227	68 235,140	2 050 610,870	30,052	29,591
22	40	98 125	66 991,642	1 982 375,730	29,591	29,130
23	41	98 014	65 765,092	1 915 384,088	29,125	28,663
24	42	97 894	64 555,032	1 849 618,996	28,652	28,191
25	43	97 765	63 361,458	1 785 063,963	28,173	27,712
26	44	97 631	62 185,729	1 721 702,505	27,686	27,225
27	45	97 485	61 024,926	1 659 516,777	27,194	26,733
28	46	97 325	59 877,053	1 598 491,851	26,696	26,235
29	47	97 151	58 742,234	1 538 614,798	26,193	25,731
30	48	96 956	57 616,154	1 479 872,564	25,685	25,224
31	49	96 746	56 502,066	1 422 256,410	25,172	24,711
32	50	96 504	55 391,541	1 365 754,344	24,656	24,195
33	51	96 246	54 293,519	1 310 362,803	24,135	23,674
34	52	95 965	53 204,059	1 256 069,283	23,609	23,147
35	53	95 653	52 118,613	1 202 865,224	23,079	22,618
36	54	95 307	51 036,878	1 150 746,611	22,547	22,086
37	55	94 935	49 963,763	1 099 709,732	22,010	21,549
38	56	94 532	48 895,875	1 049 745,970	21,469	21,008
39	57	94 091	47 830,758	1 000 850,095	20,925	20,464
40	58	93 613	46 769,347	953 019,336	20,377	19,916
41	59	93 083	45 704,720	906 249,989	19,828	19,367
42	60	92 511	44 642,478	860 545,269	19,276	18,815
43	61	91 875	43 573,120	815 902,791	18,725	18,264
44	62	91 212	42 514,365	772 329,670	18,166	17,705
45	63	90 495	41 454,690	729 815,306	17,605	17,144
46	64	89 715	40 390,711	688 360,616	17,043	16,581
47	65	88 867	39 320,656	647 969,906	16,479	16,018
48	66	87 935	38 239,464	608 649,250	15,917	15,456
49	67	86 925	37 149,747	570 409,786	15,354	14,893
50	68	85 811	36 043,076	533 260,039	14,795	14,334
51	69	84 636	34 937,994	497 216,963	14,231	13,770
52	70	83 367	33 822,380	462 278,970	13,668	13,207
53	71	81 987	32 690,371	428 456,590	13,107	12,645
54	72	80 486	31 539,866	395 766,219	12,548	12,087
55	73	78 884	30 380,465	364 226,353	11,989	11,528
56	74	77 185	29 214,934	333 845,888	11,427	10,966
57	75	75 346	28 028,479	304 630,954	10,869	10,407
58	76	73 352	26 817,424	276 602,475	10,314	9,853
59	77	71 146	25 563,335	249 785,051	9,771	9,310
60	78	68 764	24 282,628	224 221,716	9,234	8,773
61	79	66 161	22 961,483	199 939,088	8,708	8,246
62	80	63 279	21 583,800	176 977,606	8,200	7,738
63	81	60 111	20 150,489	155 393,806	7,712	7,250
64	82	56 711	18 683,914	135 243,317	7,238	6,777
65	83	53 088	17 189,206	116 559,403	6,781	6,320
66	84	49 236	15 667,834	99 370,197	6,342	5,881
67	85	45 175	14 128,492	83 702,363	5,924	5,463
68	86	40 938	12 583,193	69 573,871	5,529	5,068
69	87	36 601	11 056,539	56 990,678	5,154	4,693
70	88	32 219	9 565,271	45 934,139	4,802	4,341
71	89	27 880	8 134,882	36 368,868	4,471	4,010
72	90	23 639	6 778,807	28 233,986	4,165	3,704
73	91	19 615	5 528,193	21 455,179	3,881	3,420
74	92	15 871	4 395,952	15 926,986	3,623	3,162
75	93	12 495	3 401,502	11 531,034	3,390	2,929
76	94	9 545	2 553,680	8 129,532	3,183	2,722
77	95	7 026	1 847,277	5 575,852	3,018	2,557
78	96	5 058	1 307,138	3 728,575	2,852	2,391
79	97	3 524	895,063	2 421,437	2,705	2,244
80	98	2 415	602,706	1 526,373	2,533	2,071
81	99	1 580	387,708	923,668	2,382	1,921
82	100	988	238,124	535,959	2,251	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	3 778 729,827	37,975	37,514
1	20	99 133	97 427,666	3 679 225,136	37,764	37,302
2	21	99 087	95 708,197	3 581 797,470	37,424	36,963
3	22	99 055	94 031,869	3 486 089,273	37,073	36,612
4	23	99 026	92 386,725	3 392 057,404	36,716	36,255
5	24	98 993	90 767,534	3 299 670,679	36,353	35,892
6	25	98 966	89 182,890	3 208 903,145	35,981	35,520
7	26	98 938	87 623,601	3 119 720,255	35,604	35,142
8	27	98 910	86 092,556	3 032 096,654	35,219	34,758
9	28	98 881	84 586,475	2 946 004,098	34,828	34,367
10	29	98 848	83 104,255	2 861 417,622	34,432	33,970
11	30	98 815	81 647,528	2 778 313,367	34,028	33,567
12	31	98 777	80 212,280	2 696 665,839	33,619	33,158
13	32	98 737	78 801,370	2 616 453,559	33,203	32,742
14	33	98 694	77 411,782	2 537 652,189	32,781	32,320
15	34	98 647	76 044,102	2 460 240,407	32,353	31,892
16	35	98 593	74 695,759	2 384 196,304	31,919	31,458
17	36	98 528	73 362,618	2 309 500,545	31,481	31,019
18	37	98 453	72 045,918	2 236 137,927	31,038	30,576
19	38	98 370	70 747,081	2 164 092,008	30,589	30,128
20	39	98 271	69 460,564	2 093 344,927	30,137	29,676
21	40	98 168	68 194,492	2 023 884,363	29,678	29,217
22	41	98 058	66 946,175	1 955 689,871	29,213	28,752
23	42	97 939	65 714,922	1 888 743,696	28,741	28,280
24	43	97 813	64 501,464	1 823 028,773	28,263	27,802
25	44	97 678	63 304,437	1 758 527,310	27,779	27,318
26	45	97 531	62 122,297	1 695 222,872	27,288	26,827
27	46	97 376	60 957,069	1 633 100,576	26,791	26,330
28	47	97 201	59 801,026	1 572 143,507	26,290	25,828
29	48	97 012	58 658,024	1 512 342,481	25,782	25,321
30	49	96 801	57 523,993	1 453 684,457	25,271	24,810
31	50	96 570	56 399,716	1 396 160,465	24,755	24,294
32	51	96 314	55 282,383	1 339 760,749	24,235	23,774
33	52	96 034	54 173,597	1 284 478,366	23,710	23,249
34	53	95 730	53 073,427	1 230 304,769	23,181	22,720
35	54	95 391	51 976,165	1 177 231,342	22,649	22,188
36	55	95 020	50 883,276	1 125 255,176	22,114	21,653
37	56	94 621	49 798,213	1 074 371,900	21,575	21,113
38	57	94 190	48 718,927	1 024 573,687	21,030	20,569
39	58	93 716	47 639,804	975 854,761	20,484	20,023
40	59	93 201	46 563,069	928 214,956	19,935	19,473
41	60	92 634	45 483,966	881 651,887	19,384	18,923
42	61	92 012	44 401,810	836 167,922	18,832	18,371
43	62	91 361	43 329,324	791 766,112	18,273	17,812
44	63	90 657	42 256,020	748 436,788	17,712	17,251
45	64	89 899	41 181,735	706 180,767	17,148	16,687
46	65	89 061	40 096,369	664 999,033	16,585	16,124
47	66	88 155	39 005,612	624 902,664	16,021	15,560
48	67	87 167	37 905,426	585 897,051	15,457	14,996
49	68	86 082	36 789,602	547 991,625	14,895	14,434
50	69	84 934	35 674,903	511 202,023	14,329	13,868
51	70	83 690	34 547,660	475 527,119	13,764	13,303
52	71	82 351	33 410,304	440 979,460	13,199	12,738
53	72	80 889	32 252,635	407 569,156	12,637	12,176
54	73	79 326	31 085,398	375 316,520	12,074	11,613
55	74	77 662	29 910,091	344 231,122	11,509	11,048
56	75	75 864	28 715,113	314 321,031	10,946	10,485
57	76	73 910	27 494,045	285 605,918	10,388	9,927
58	77	71 751	26 232,105	258 111,873	9,840	9,378
59	78	69 406	24 938,263	231 879,769	9,298	8,837
60	79	66 832	23 600,280	206 941,505	8,769	8,307
61	80	63 982	22 205,515	183 341,225	8,257	7,795
62	81	60 849	20 754,810	161 135,710	7,764	7,303
63	82	57 462	19 262,606	140 380,900	7,288	6,827
64	83	53 856	17 743,337	121 118,294	6,826	6,365
65	84	50 004	16 190,824	103 374,957	6,385	5,924
66	85	45 926	14 614,627	87 184,133	5,966	5,504
67	86	41 687	13 037,472	72 569,505	5,566	5,105
68	87	37 299	11 464,450	59 532,034	5,193	4,732
69	88	32 897	9 937,728	48 067,583	4,837	4,376
70	89	28 519	8 466,938	38 129,856	4,503	4,042
71	90	24 230	7 069,878	29 662,918	4,196	3,734
72	91	20 142	5 775,971	22 593,040	3,912	3,450
73	92	16 333	4 603,133	16 817,068	3,653	3,192
74	93	12 894	3 571,454	12 213,935	3,420	2,959
75	94	9 881	2 689,913	8 642,481	3,213	2,752
76	95	7 300	1 953,124	5 952,568	3,048	2,587
77	96	5 276	1 387,244	3 999,443	2,883	2,422
78	97	3 695	954,883	2 612,200	2,736	2,274
79	98	2 548	647,081	1 657,317	2,561	2,100
80	99	1 679	419,043	1 010,236	2,411	1,950
81	100	1 058	259,560	591,193	2,278	1,816

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	3 750 637,209	37,700	37,239
1	21	99 114	97 409,625	3 651 151,725	37,482	37,021
2	22	99 071	95 692,352	3 553 742,099	37,137	36,676
3	23	99 038	94 015,597	3 458 049,748	36,782	36,320
4	24	99 004	92 366,679	3 364 034,150	36,420	35,959
5	25	98 976	90 752,143	3 271 667,472	36,051	35,589
6	26	98 948	89 166,261	3 180 915,329	35,674	35,213
7	27	98 918	87 606,552	3 091 749,068	35,291	34,830
8	28	98 889	86 073,751	3 004 142,516	34,902	34,441
9	29	98 856	84 565,380	2 918 068,766	34,507	34,045
10	30	98 822	83 082,750	2 833 503,385	34,105	33,643
11	31	98 785	81 623,284	2 750 420,636	33,697	33,235
12	32	98 745	80 186,677	2 668 797,352	33,282	32,821
13	33	98 703	78 774,022	2 588 610,675	32,861	32,400
14	34	98 658	77 384,220	2 509 836,653	32,433	31,972
15	35	98 608	76 014,360	2 432 452,433	32,000	31,539
16	36	98 553	74 665,696	2 356 438,072	31,560	31,099
17	37	98 482	73 328,223	2 281 772,377	31,117	30,656
18	38	98 408	72 012,761	2 208 444,154	30,667	30,206
19	39	98 312	70 705,647	2 136 431,393	30,216	29,755
20	40	98 213	69 419,186	2 065 725,746	29,757	29,296
21	41	98 102	68 148,209	1 996 306,560	29,294	28,832
22	42	97 983	66 895,104	1 928 158,351	28,824	28,362
23	43	97 858	65 660,391	1 861 263,246	28,347	27,886
24	44	97 725	64 443,417	1 795 602,855	27,863	27,402
25	45	97 578	63 239,864	1 731 159,438	27,374	26,913
26	46	97 422	62 053,220	1 667 919,574	26,879	26,418
27	47	97 253	60 879,670	1 605 866,354	26,378	25,917
28	48	97 062	59 715,298	1 544 986,685	25,873	25,411
29	49	96 857	58 564,196	1 485 271,387	25,361	24,900
30	50	96 626	57 419,791	1 426 707,191	24,847	24,386
31	51	96 380	56 288,570	1 369 287,400	24,326	23,865
32	52	96 101	55 160,276	1 312 998,829	23,803	23,342
33	53	95 798	54 040,585	1 257 838,553	23,276	22,815
34	54	95 468	52 928,370	1 203 797,968	22,744	22,283
35	55	95 104	51 819,736	1 150 869,598	22,209	21,748
36	56	94 705	50 714,680	1 099 049,862	21,671	21,210
37	57	94 279	49 617,999	1 048 335,182	21,128	20,667
38	58	93 814	48 524,427	998 717,183	20,582	20,121
39	59	93 302	47 429,686	950 192,756	20,034	19,573
40	60	92 750	46 338,169	902 763,069	19,482	19,021
41	61	92 134	45 238,761	856 424,901	18,931	18,470
42	62	91 498	44 153,377	811 186,140	18,372	17,911
43	63	90 806	43 066,028	767 032,763	17,811	17,349
44	64	90 060	41 977,789	723 966,735	17,246	16,785
45	65	89 244	40 881,629	681 988,946	16,682	16,221
46	66	88 348	39 775,111	641 107,317	16,118	15,657
47	67	87 384	38 664,882	601 332,207	15,552	15,091
48	68	86 322	37 537,956	562 667,325	14,989	14,528
49	69	85 203	36 413,804	525 129,369	14,421	13,960
50	70	83 986	35 276,337	488 715,565	13,854	13,393
51	71	82 670	34 126,747	453 439,228	13,287	12,826
52	72	81 249	32 962,928	419 312,481	12,721	12,260
53	73	79 723	31 787,897	386 349,553	12,154	11,693
54	74	78 098	30 604,110	354 561,656	11,585	11,124
55	75	76 334	29 398,377	323 957,546	11,020	10,558
56	76	74 418	28 167,587	294 559,169	10,457	9,996
57	77	72 296	26 893,957	266 391,582	9,905	9,444
58	78	69 997	25 590,681	239 497,625	9,359	8,898
59	79	67 456	24 237,492	213 906,944	8,825	8,364
60	80	64 631	22 823,281	189 669,452	8,310	7,849
61	81	61 525	21 352,646	166 846,171	7,814	7,353
62	82	58 168	19 840,300	145 493,525	7,333	6,872
63	83	54 570	18 292,897	125 653,225	6,869	6,408
64	84	50 728	16 712,770	107 360,328	6,424	5,963
65	85	46 643	15 102,462	90 647,558	6,002	5,541
66	86	42 380	13 486,067	75 545,096	5,602	5,141
67	87	37 981	11 878,340	62 059,030	5,225	4,763
68	88	33 524	10 304,362	50 180,689	4,870	4,409
69	89	29 120	8 796,627	39 876,327	4,533	4,072
70	90	24 785	7 358,462	31 079,700	4,224	3,762
71	91	20 646	6 023,982	23 721,238	3,938	3,477
72	92	16 772	4 809,449	17 697,255	3,680	3,218
73	93	13 270	3 739,777	12 887,806	3,446	2,985
74	94	10 197	2 824,312	9 148,030	3,239	2,778
75	95	7 558	2 057,319	6 323,717	3,074	2,613
76	96	5 482	1 466,731	4 266,398	2,909	2,448
77	97	3 854	1 013,401	2 799,667	2,763	2,301
78	98	2 671	690,327	1 786,266	2,588	2,126
79	99	1 771	449,896	1 095,938	2,436	1,975
80	100	1 124	280,538	646,042	2,303	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	3 721 666,866	37,416	36,955
1	22	99 098	97 393,498	3 622 199,803	37,191	36,730
2	23	99 054	95 675,793	3 524 806,305	36,841	36,380
3	24	99 017	93 995,197	3 429 130,512	36,482	36,021
4	25	98 987	92 351,016	3 335 135,315	36,114	35,652
5	26	98 957	90 735,221	3 242 784,299	35,739	35,278
6	27	98 929	89 148,912	3 152 049,078	35,357	34,896
7	28	98 897	87 587,416	3 062 900,166	34,970	34,508
8	29	98 864	86 052,284	2 975 312,750	34,576	34,114
9	30	98 830	84 543,496	2 889 260,466	34,175	33,714
10	31	98 793	83 058,079	2 804 716,970	33,768	33,307
11	32	98 754	81 597,231	2 721 658,890	33,355	32,894
12	33	98 711	80 158,848	2 640 061,659	32,935	32,474
13	34	98 668	78 745,975	2 559 902,811	32,508	32,047
14	35	98 620	77 353,954	2 481 156,836	32,075	31,614
15	36	98 568	75 983,766	2 403 802,882	31,636	31,175
16	37	98 507	74 630,689	2 327 819,117	31,191	30,730
17	38	98 437	73 294,475	2 253 188,428	30,742	30,280
18	39	98 350	71 970,586	2 179 893,953	30,289	29,827
19	40	98 254	70 663,528	2 107 923,367	29,830	29,369
20	41	98 146	69 372,071	2 037 259,839	29,367	28,906
21	42	98 027	68 096,221	1 967 887,767	28,899	28,437
22	43	97 902	66 839,594	1 899 791,546	28,423	27,962
23	44	97 770	65 601,302	1 832 951,952	27,941	27,480
24	45	97 625	64 377,682	1 767 350,650	27,453	26,992
25	46	97 469	63 169,544	1 702 972,968	26,959	26,498
26	47	97 299	61 974,429	1 639 803,424	26,459	25,998
27	48	97 113	60 792,396	1 577 828,996	25,954	25,493
28	49	96 907	59 619,779	1 517 036,600	25,445	24,984
29	50	96 681	58 458,110	1 457 416,821	24,931	24,470
30	51	96 436	57 306,636	1 398 958,710	24,412	23,951
31	52	96 167	56 164,241	1 341 652,075	23,888	23,427
32	53	95 865	55 024,841	1 285 487,833	23,362	22,901
33	54	95 536	53 892,884	1 230 462,992	22,832	22,370
34	55	95 181	52 769,075	1 176 570,108	22,297	21,835
35	56	94 789	51 648,037	1 123 801,033	21,759	21,298
36	57	94 362	50 531,149	1 072 152,996	21,218	20,756
37	58	93 902	49 419,910	1 021 621,847	20,672	20,211
38	59	93 400	48 310,408	972 201,937	20,124	19,663
39	60	92 852	47 200,601	923 891,529	19,574	19,113
40	61	92 250	46 088,359	876 690,928	19,022	18,561
41	62	91 619	44 985,645	830 602,569	18,464	18,003
42	63	90 942	43 885,073	785 616,924	17,902	17,440
43	64	90 208	42 782,463	741 731,851	17,337	16,876
44	65	89 404	41 671,882	698 949,388	16,773	16,311
45	66	88 529	40 554,079	657 277,506	16,207	15,746
46	67	87 576	39 427,658	616 723,427	15,642	15,181
47	68	86 537	38 290,049	577 295,769	15,077	14,616
48	69	85 440	37 154,513	539 005,720	14,507	14,046
49	70	84 251	36 006,982	501 851,207	13,938	13,476
50	71	82 962	34 846,546	465 844,225	13,368	12,907
51	72	81 563	33 669,778	430 997,678	12,801	12,340
52	73	80 078	32 487,955	397 327,900	12,230	11,769
53	74	78 489	31 295,732	364 839,946	11,658	11,197
54	75	76 762	30 080,523	333 544,213	11,088	10,627
55	76	74 878	28 837,823	303 463,691	10,523	10,062
56	77	72 794	27 552,798	274 625,868	9,967	9,506
57	78	70 529	26 236,350	247 073,070	9,417	8,956
58	79	68 030	24 871,576	220 836,720	8,879	8,418
59	80	65 235	23 439,514	195 965,143	8,360	7,899
60	81	62 149	21 946,685	172 525,630	7,861	7,400
61	82	58 814	20 411,794	150 578,944	7,377	6,916
62	83	55 239	18 841,508	130 167,151	6,909	6,447
63	84	51 400	17 230,410	111 325,642	6,461	6,000
64	85	47 318	15 589,322	94 095,232	6,036	5,575
65	86	43 041	13 936,230	78 505,910	5,633	5,172
66	87	38 612	12 287,052	64 569,680	5,255	4,794
67	88	34 137	10 676,371	52 282,629	4,897	4,436
68	89	29 675	9 121,163	41 606,258	4,562	4,100
69	90	25 308	7 644,989	32 485,095	4,249	3,788
70	91	21 119	6 269,874	24 840,106	3,962	3,501
71	92	17 191	5 015,959	18 570,231	3,702	3,241
72	93	13 626	3 907,396	13 554,272	3,469	3,008
73	94	10 494	2 957,422	9 646,876	3,262	2,801
74	95	7 799	2 160,111	6 689,454	3,097	2,636
75	96	5 675	1 544,978	4 529,343	2,932	2,470
76	97	4 005	1 071,468	2 984,365	2,785	2,324
77	98	2 786	732,633	1 912,897	2,611	2,150
78	99	1 857	479,964	1 180,264	2,459	1,998
79	100	1 186	301,193	700,300	2,325	1,864

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	3 691 821,570	37,122	36,661
1	23	99 081	97 376,645	3 592 370,975	36,892	36,430
2	24	99 032	95 655,032	3 494 994,331	36,537	36,076
3	25	99 000	93 979,259	3 399 339,298	36,171	35,710
4	26	98 969	92 333,796	3 305 360,040	35,798	35,337
5	27	98 938	90 717,566	3 213 026,243	35,418	34,957
6	28	98 907	89 129,439	3 122 308,677	35,031	34,570
7	29	98 872	87 565,572	3 033 179,238	34,639	34,178
8	30	98 838	86 030,016	2 945 613,666	34,239	33,778
9	31	98 801	84 518,392	2 859 583,650	33,834	33,373
10	32	98 761	83 031,568	2 775 065,258	33,422	32,961
11	33	98 720	81 568,913	2 692 033,690	33,003	32,542
12	34	98 676	80 130,308	2 610 464,777	32,578	32,117
13	35	98 629	78 715,176	2 530 334,469	32,145	31,684
14	36	98 580	77 322,820	2 451 619,293	31,706	31,245
15	37	98 522	75 948,141	2 374 296,473	31,262	30,801
16	38	98 462	74 596,342	2 298 348,332	30,810	30,349
17	39	98 379	73 251,549	2 223 751,990	30,358	29,897
18	40	98 291	71 927,713	2 150 500,441	29,898	29,437
19	41	98 187	70 615,569	2 078 572,728	29,435	28,974
20	42	98 071	69 319,150	2 007 957,159	28,967	28,506
21	43	97 946	68 039,714	1 938 638,009	28,493	28,032
22	44	97 814	66 779,443	1 870 598,294	28,012	27,550
23	45	97 670	65 534,386	1 803 818,851	27,525	27,064
24	46	97 517	64 306,097	1 738 284,466	27,031	26,570
25	47	97 346	63 089,336	1 673 978,369	26,533	26,072
26	48	97 159	61 885,586	1 610 889,033	26,030	25,569
27	49	96 958	60 695,154	1 549 003,448	25,521	25,060
28	50	96 731	59 511,781	1 488 308,294	25,009	24,547
29	51	96 491	58 342,909	1 428 796,513	24,490	24,028
30	52	96 223	57 180,058	1 370 453,604	23,967	23,506
31	53	95 931	56 026,341	1 313 273,546	23,440	22,979
32	54	95 603	54 874,451	1 257 247,205	22,911	22,450
33	55	95 249	53 730,686	1 202 372,754	22,378	21,917
34	56	94 866	52 594,230	1 148 642,068	21,840	21,378
35	57	94 446	51 461,129	1 096 047,837	21,299	20,837
36	58	93 986	50 329,415	1 044 586,709	20,755	20,294
37	59	93 488	49 201,941	994 257,294	20,208	19,746
38	60	92 949	48 077,068	945 055,353	19,657	19,196
39	61	92 351	46 946,141	896 978,285	19,107	18,645
40	62	91 734	45 830,489	850 032,144	18,547	18,086
41	63	91 062	44 712,284	804 201,654	17,986	17,525
42	64	90 343	43 596,116	759 489,370	17,421	16,960
43	65	89 551	42 470,692	715 893,255	16,856	16,395
44	66	88 688	41 338,000	673 422,563	16,291	15,829
45	67	87 755	40 199,822	632 084,562	15,724	15,262
46	68	86 727	39 045,431	591 884,741	15,159	14,698
47	69	85 653	37 898,924	552 839,310	14,587	14,126
48	70	84 486	36 739,416	514 940,386	14,016	13,555
49	71	83 224	35 568,290	478 200,970	13,445	12,983
50	72	81 851	34 379,939	442 632,679	12,875	12,414
51	73	80 388	33 184,619	408 252,741	12,302	11,841
52	74	78 838	31 984,951	375 068,122	11,726	11,265
53	75	77 146	30 760,312	343 083,170	11,153	10,692
54	76	75 298	29 506,961	312 322,858	10,585	10,124
55	77	73 244	28 208,406	282 815,897	10,026	9,565
56	78	71 014	26 879,081	254 607,491	9,472	9,011
57	79	68 547	25 499,102	227 728,410	8,931	8,470
58	80	65 790	24 052,722	202 229,308	8,408	7,947
59	81	62 729	22 539,250	178 176,586	7,905	7,444
60	82	59 411	20 979,658	155 637,336	7,418	6,957
61	83	55 853	19 384,232	134 657,679	6,947	6,486
62	84	52 031	17 747,158	115 273,446	6,495	6,034
63	85	47 945	16 072,166	97 526,289	6,068	5,607
64	86	43 664	14 385,494	81 454,123	5,662	5,201
65	87	39 214	12 697,192	67 068,629	5,282	4,821
66	88	34 705	11 043,724	54 371,437	4,923	4,462
67	89	30 218	9 450,456	43 327,712	4,585	4,124
68	90	25 790	7 927,038	33 877,257	4,274	3,812
69	91	21 564	6 514,013	25 950,219	3,984	3,523
70	92	17 585	5 220,705	19 436,206	3,723	3,262
71	93	13 967	4 075,174	14 215,501	3,488	3,027
72	94	10 775	3 089,976	10 140,328	3,282	2,820
73	95	8 026	2 261,917	7 050,352	3,117	2,656
74	96	5 857	1 622,172	4 788,435	2,952	2,491
75	97	4 146	1 128,629	3 166,263	2,805	2,344
76	98	2 895	774,612	2 037,634	2,631	2,169
77	99	1 937	509,377	1 263,023	2,480	2,018
78	100	1 243	321,323	753,645	2,345	1,884

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	3 661 102,412	36,820	36,358
1	24	99 059	97 355,515	3 561 669,026	36,584	36,123
2	25	99 015	95 638,812	3 464 313,511	36,223	35,762
3	26	98 982	93 961,735	3 368 674,698	35,852	35,390
4	27	98 950	92 315,831	3 274 712,963	35,473	35,012
5	28	98 916	90 697,751	3 182 397,133	35,088	34,627
6	29	98 882	89 107,211	3 091 699,381	34,696	34,235
7	30	98 847	87 542,912	3 002 592,171	34,299	33,837
8	31	98 809	86 004,470	2 915 049,259	33,894	33,433
9	32	98 769	84 491,415	2 829 044,789	33,483	33,022
10	33	98 727	83 002,752	2 744 553,374	33,066	32,605
11	34	98 684	81 539,870	2 661 550,622	32,641	32,180
12	35	98 637	80 098,968	2 580 010,752	32,210	31,749
13	36	98 590	78 683,494	2 499 911,784	31,772	31,311
14	37	98 534	77 286,568	2 421 228,290	31,328	30,867
15	38	98 477	75 913,188	2 343 941,722	30,877	30,415
16	39	98 404	74 552,654	2 268 028,534	30,422	29,961
17	40	98 320	73 207,913	2 193 475,880	29,962	29,501
18	41	98 225	71 878,896	2 120 267,967	29,498	29,037
19	42	98 112	70 561,699	2 048 389,071	29,030	28,569
20	43	97 990	69 261,628	1 977 827,372	28,556	28,095
21	44	97 858	67 978,483	1 908 565,744	28,076	27,615
22	45	97 714	66 711,325	1 840 587,260	27,590	27,129
23	46	97 561	65 461,514	1 773 875,935	27,098	26,637
24	47	97 393	64 224,445	1 708 414,421	26,601	26,139
25	48	97 206	62 998,895	1 644 189,976	26,099	25,638
26	49	97 004	61 786,595	1 581 191,081	25,591	25,130
27	50	96 782	60 585,208	1 519 404,486	25,079	24,618
28	51	96 541	59 394,503	1 458 819,278	24,562	24,100
29	52	96 278	58 214,042	1 399 424,775	24,039	23,578
30	53	95 986	57 039,664	1 341 210,733	23,514	23,052
31	54	95 669	55 873,213	1 284 171,070	22,984	22,522
32	55	95 315	54 709,299	1 228 297,856	22,451	21,990
33	56	94 933	53 552,655	1 173 588,558	21,915	21,453
34	57	94 522	52 403,898	1 120 035,902	21,373	20,912
35	58	94 069	51 255,682	1 067 632,004	20,830	20,368
36	59	93 571	50 107,434	1 016 376,323	20,284	19,823
37	60	93 036	48 964,295	966 268,889	19,734	19,273
38	61	92 448	47 817,884	917 304,593	19,183	18,722
39	62	91 834	46 683,473	869 486,710	18,625	18,164
40	63	91 177	45 551,994	822 803,237	18,063	17,602
41	64	90 463	44 417,880	777 251,243	17,499	17,037
42	65	89 684	43 278,415	732 833,363	16,933	16,472
43	66	88 833	42 130,410	689 554,948	16,367	15,906
44	67	87 913	40 976,895	647 424,538	15,800	15,339
45	68	86 904	39 810,109	606 447,642	15,234	14,772
46	69	85 841	38 646,590	566 637,534	14,662	14,201
47	70	84 696	37 475,510	527 990,944	14,089	13,628
48	71	83 457	36 291,801	490 515,434	13,516	13,055
49	72	82 110	35 092,018	454 223,633	12,944	12,483
50	73	80 672	33 884,547	419 131,615	12,369	11,908
51	74	79 144	32 670,830	385 247,068	11,792	11,331
52	75	77 489	31 437,740	352 576,239	11,215	10,754
53	76	75 675	30 173,789	321 138,499	10,643	10,182
54	77	73 654	28 862,940	290 964,710	10,081	9,620
55	78	71 453	27 518,658	262 101,770	9,525	9,063
56	79	69 018	26 123,772	234 583,113	8,980	8,518
57	80	66 290	24 659,588	208 459,340	8,453	7,992
58	81	63 263	23 128,906	183 799,753	7,947	7,486
59	82	59 965	21 546,112	160 670,847	7,457	6,996
60	83	56 420	19 923,509	139 124,735	6,983	6,522
61	84	52 609	18 258,359	119 201,226	6,529	6,067
62	85	48 533	16 554,177	100 942,866	6,098	5,637
63	86	44 243	14 831,052	84 388,689	5,690	5,229
64	87	39 782	13 106,513	69 557,637	5,307	4,846
65	88	35 246	11 412,363	56 451,124	4,946	4,485
66	89	30 720	9 775,628	45 038,762	4,607	4,146
67	90	26 261	8 213,220	35 263,134	4,293	3,832
68	91	21 975	6 754,336	27 049,914	4,005	3,544
69	92	17 955	5 423,991	20 295,578	3,742	3,281
70	93	14 287	4 241,518	14 871,587	3,506	3,045
71	94	11 045	3 222,654	10 630,070	3,299	2,837
72	95	8 241	2 363,298	7 407,415	3,134	2,673
73	96	6 027	1 698,624	5 044,117	2,970	2,508
74	97	4 278	1 185,020	3 345,493	2,823	2,362
75	98	2 997	815,936	2 160,473	2,648	2,187
76	99	2 013	538,564	1 344,537	2,497	2,035
77	100	1 297	341,014	805,973	2,363	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	3 629 512,757	36,510	36,049
1	25	99 042	97 339,007	3 530 100,947	36,266	35,805
2	26	98 997	95 620,979	3 432 761,940	35,900	35,438
3	27	98 962	93 943,453	3 337 140,961	35,523	35,062
4	28	98 928	92 295,666	3 243 197,508	35,139	34,678
5	29	98 892	90 675,132	3 150 901,842	34,749	34,288
6	30	98 857	89 084,151	3 060 226,710	34,352	33,891
7	31	98 817	87 516,917	2 971 142,559	33,949	33,488
8	32	98 777	85 977,018	2 883 625,641	33,539	33,078
9	33	98 735	84 462,092	2 797 648,623	33,123	32,662
10	34	98 692	82 973,199	2 713 186,531	32,700	32,238
11	35	98 646	81 507,979	2 630 213,332	32,269	31,808
12	36	98 597	80 066,729	2 548 705,353	31,832	31,371
13	37	98 543	78 646,604	2 468 638,624	31,389	30,928
14	38	98 489	77 250,999	2 389 992,020	30,938	30,477
15	39	98 419	75 868,728	2 312 741,021	30,483	30,022
16	40	98 346	74 508,243	2 236 872,293	30,022	29,561
17	41	98 254	73 158,227	2 162 364,050	29,557	29,096
18	42	98 150	71 824,062	2 089 205,823	29,088	28,627
19	43	98 031	70 503,146	2 017 381,761	28,614	28,153
20	44	97 902	69 199,298	1 946 878,615	28,134	27,673
21	45	97 758	67 909,143	1 877 679,317	27,650	27,189
22	46	97 605	66 637,145	1 809 770,175	27,159	26,697
23	47	97 437	65 378,396	1 743 133,029	26,662	26,201
24	48	97 253	64 132,377	1 677 754,634	26,161	25,700
25	49	97 051	62 898,123	1 613 622,257	25,655	25,193
26	50	96 828	61 674,672	1 550 724,134	25,144	24,682
27	51	96 592	60 465,814	1 489 049,462	24,626	24,165
28	52	96 327	59 263,314	1 428 583,648	24,106	23,644
29	53	96 041	58 071,109	1 369 320,334	23,580	23,119
30	54	95 724	56 883,766	1 311 249,225	23,051	22,590
31	55	95 381	55 705,055	1 254 365,458	22,518	22,057
32	56	94 999	54 528,025	1 198 660,403	21,982	21,521
33	57	94 589	53 358,854	1 144 132,378	21,442	20,981
34	58	94 145	52 194,687	1 090 773,523	20,898	20,437
35	59	93 654	51 029,616	1 038 578,836	20,352	19,891
36	60	93 119	49 865,415	987 549,221	19,804	19,343
37	61	92 535	48 700,328	937 683,806	19,254	18,793
38	62	91 931	47 550,337	888 983,478	18,696	18,234
39	63	91 276	46 399,794	841 433,141	18,134	17,673
40	64	90 576	45 252,061	795 033,346	17,569	17,108
41	65	89 803	44 094,191	749 781,285	17,004	16,543
42	66	88 966	42 931,662	705 687,094	16,437	15,976
43	67	88 057	41 762,383	662 755,433	15,870	15,408
44	68	87 061	40 579,649	620 993,049	15,303	14,842
45	69	86 017	39 403,457	580 413,400	14,730	14,269
46	70	84 882	38 214,823	541 009,944	14,157	13,696
47	71	83 665	37 018,926	502 795,121	13,582	13,121
48	72	82 339	35 805,840	465 776,195	13,008	12,547
49	73	80 927	34 586,366	429 970,355	12,432	11,971
50	74	79 423	33 359,921	395 383,989	11,852	11,391
51	75	77 790	32 111,884	362 024,068	11,274	10,813
52	76	76 012	30 838,300	329 912,185	10,698	10,237
53	77	74 024	29 515,213	299 073,885	10,133	9,672
54	78	71 853	28 157,187	269 558,672	9,573	9,112
55	79	69 445	26 745,377	241 401,485	9,026	8,565
56	80	66 746	25 263,691	214 656,108	8,497	8,035
57	81	63 744	23 712,463	189 392,417	7,987	7,526
58	82	60 476	22 109,787	165 679,954	7,494	7,032
59	83	56 946	20 461,448	143 570,167	7,017	6,555
60	84	53 143	18 766,314	123 108,720	6,560	6,099
61	85	49 073	17 031,015	104 342,406	6,127	5,665
62	86	44 786	15 275,842	87 311,391	5,716	5,254
63	87	40 309	13 512,458	72 035,549	5,331	4,870
64	88	35 757	11 780,264	58 523,091	4,968	4,507
65	89	31 199	10 101,937	46 742,827	4,627	4,166
66	90	26 698	8 495,821	36 640,890	4,313	3,852
67	91	22 376	6 998,181	28 145,068	4,022	3,561
68	92	18 298	5 624,099	21 146,887	3,760	3,299
69	93	14 588	4 406,676	15 522,788	3,523	3,061
70	94	11 298	3 354,199	11 116,112	3,314	2,853
71	95	8 447	2 464,774	7 761,913	3,149	2,688
72	96	6 189	1 774,758	5 297,139	2,985	2,524
73	97	4 403	1 240,869	3 522,381	2,839	2,377
74	98	3 093	856,703	2 281,511	2,663	2,202
75	99	2 084	567,295	1 424,808	2,512	2,050
76	100	1 348	360,554	857,513	2,378	1,917

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	3 597 059,309	36,190	35,728
1	26	99 024	97 320,857	3 497 664,356	35,940	35,478
2	27	98 978	95 602,374	3 400 343,499	35,568	35,106
3	28	98 941	93 922,933	3 304 741,125	35,186	34,724
4	29	98 903	92 272,648	3 210 818,192	34,797	34,336
5	30	98 866	90 651,667	3 118 545,544	34,401	33,940
6	31	98 828	89 057,699	3 027 893,877	33,999	33,538
7	32	98 786	87 488,983	2 938 836,178	33,591	33,130
8	33	98 743	85 947,180	2 851 347,195	33,176	32,714
9	34	98 700	84 432,020	2 765 400,015	32,753	32,292
10	35	98 653	82 940,747	2 680 967,995	32,324	31,863
11	36	98 606	81 475,173	2 598 027,248	31,887	31,426
12	37	98 551	80 029,190	2 516 552,075	31,445	30,984
13	38	98 498	78 610,409	2 436 522,885	30,995	30,534
14	39	98 431	77 205,756	2 357 912,476	30,541	30,079
15	40	98 360	75 823,533	2 280 706,720	30,079	29,618
16	41	98 279	74 457,674	2 204 883,187	29,613	29,151
17	42	98 179	73 102,418	2 130 425,513	29,143	28,682
18	43	98 068	71 764,462	2 057 323,095	28,668	28,207
19	44	97 943	70 439,698	1 985 558,634	28,188	27,727
20	45	97 802	69 128,712	1 915 118,936	27,704	27,242
21	46	97 649	67 833,631	1 845 990,224	27,213	26,752
22	47	97 481	66 552,534	1 778 156,593	26,718	26,257
23	48	97 298	65 284,673	1 711 604,060	26,218	25,756
24	49	97 098	64 029,792	1 646 319,387	25,712	25,251
25	50	96 875	62 784,186	1 582 289,594	25,202	24,741
26	51	96 637	61 553,131	1 519 505,408	24,686	24,225
27	52	96 378	60 332,259	1 457 952,276	24,165	23,704
28	53	96 091	59 117,804	1 397 620,018	23,641	23,180
29	54	95 779	57 912,393	1 338 502,213	23,113	22,651
30	55	95 436	56 712,567	1 280 589,821	22,580	22,119
31	56	95 065	55 520,483	1 223 877,254	22,044	21,583
32	57	94 656	54 330,695	1 168 356,771	21,505	21,043
33	58	94 212	53 145,831	1 114 026,076	20,962	20,500
34	59	93 730	51 964,479	1 060 880,245	20,415	19,954
35	60	93 202	50 783,142	1 008 915,766	19,867	19,406
36	61	92 617	49 596,590	958 132,624	19,319	18,857
37	62	92 017	48 427,844	908 536,034	18,761	18,299
38	63	91 372	47 261,391	860 108,190	18,199	17,738
39	64	90 675	46 094,279	812 846,798	17,634	17,173
40	65	89 916	44 922,293	766 752,520	17,068	16,607
41	66	89 084	43 740,901	721 830,226	16,502	16,041
42	67	88 189	42 556,635	678 089,325	15,934	15,473
43	68	87 204	41 357,522	635 532,689	15,367	14,906
44	69	86 171	40 165,136	594 175,168	14,793	14,332
45	70	85 056	38 963,234	554 010,031	14,219	13,758
46	71	83 848	37 749,231	515 046,798	13,644	13,183
47	72	82 544	36 523,229	477 297,566	13,068	12,607
48	73	81 153	35 289,902	440 774,337	12,490	12,029
49	74	79 674	34 050,873	405 484,434	11,908	11,447

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	75	78 064	32 789,185	371 433,561	11,328	10,867
51	76	76 306	31 499,589	338 644,376	10,751	10,290
52	77	74 353	30 165,220	307 144,786	10,182	9,721
53	78	72 214	28 793,511	276 979,566	9,620	9,158
54	79	69 834	27 365,963	248 186,055	9,069	8,608
55	80	67 159	25 864,831	220 820,092	8,537	8,076
56	81	64 182	24 293,364	194 955,261	8,025	7,564
57	82	60 935	22 667,631	170 661,897	7,529	7,068
58	83	57 431	20 996,746	147 994,266	7,048	6,587
59	84	53 639	19 273,008	126 997,521	6,589	6,128
60	85	49 570	17 504,824	107 724,513	6,154	5,693
61	86	45 283	15 715,858	90 219,688	5,741	5,279
62	87	40 804	13 917,702	74 503,831	5,353	4,892
63	88	36 230	12 145,132	60 586,129	4,989	4,527
64	89	31 651	10 427,595	48 440,997	4,645	4,184
65	90	27 115	8 779,411	38 013,402	4,330	3,869
66	91	22 748	7 238,976	29 233,992	4,038	3,577
67	92	18 632	5 827,141	21 995,016	3,775	3,313
68	93	14 866	4 569,252	16 167,875	3,538	3,077
69	94	11 536	3 484,807	11 598,623	3,328	2,867
70	95	8 641	2 565,383	8 113,817	3,163	2,702
71	96	6 344	1 850,963	5 548,433	2,998	2,536
72	97	4 521	1 296,486	3 697,470	2,852	2,391
73	98	3 183	897,080	2 400,984	2,676	2,215
74	99	2 150	595,640	1 503,904	2,525	2,064
75	100	1 395	379,789	908,265	2,391	1,930

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	97 931,539	4 050 696,732	41,363	40,901
2	1	99 313	95 926,187	3 952 765,193	41,206	40,745
3	2	99 275	94 239,867	3 856 839,006	40,926	40,465
4	3	99 250	92 596,082	3 762 599,139	40,635	40,173
5	4	99 227	90 982,125	3 670 003,057	40,338	39,876
6	5	99 208	89 400,765	3 579 020,932	40,033	39,572
7	6	99 191	87 847,460	3 489 620,167	39,724	39,262
8	7	99 176	86 323,617	3 401 772,708	39,407	38,946
9	8	99 163	84 827,843	3 315 449,090	39,084	38,623
10	9	99 149	83 357,022	3 230 621,247	38,756	38,295
11	10	99 135	81 911,762	3 147 264,225	38,423	37,961
12	11	99 120	80 491,002	3 065 352,462	38,083	37,622
13	12	99 105	79 094,545	2 984 861,461	37,738	37,277
14	13	99 087	77 720,614	2 905 766,915	37,387	36,926
15	14	99 067	76 368,123	2 828 046,302	37,032	36,571
16	15	99 042	75 035,511	2 751 678,178	36,672	36,210
17	16	99 004	73 716,757	2 676 642,667	36,310	35,849
18	17	98 961	72 417,438	2 602 925,911	35,943	35,482
19	18	98 908	71 134,229	2 530 508,472	35,574	35,113
20	19	98 847	69 867,368	2 459 374,243	35,201	34,739
21	20	98 783	68 621,519	2 389 506,875	34,822	34,360
22	21	98 721	67 398,654	2 320 885,356	34,435	33,974
23	22	98 660	66 198,627	2 253 486,702	34,041	33,580
24	23	98 598	65 018,946	2 187 288,075	33,641	33,180
25	24	98 528	63 855,935	2 122 269,130	33,235	32,774
26	25	98 464	62 716,844	2 058 413,194	32,821	32,360
27	26	98 399	61 597,483	1 995 696,350	32,399	31,938
28	27	98 328	60 494,348	1 934 098,867	31,972	31,510
29	28	98 256	59 410,301	1 873 604,518	31,537	31,075
30	29	98 175	58 340,516	1 814 194,217	31,097	30,635
31	30	98 093	57 289,254	1 755 853,701	30,649	30,188
32	31	97 997	56 248,472	1 698 564,447	30,198	29,736
33	32	97 897	55 224,695	1 642 315,975	29,739	29,278
34	33	97 793	54 217,523	1 587 091,280	29,273	28,811
35	34	97 680	53 223,169	1 532 873,757	28,801	28,340
36	35	97 555	52 240,907	1 479 650,588	28,324	27,862
37	36	97 429	51 276,213	1 427 409,681	27,838	27,376
38	37	97 292	50 323,489	1 376 133,468	27,346	26,885
39	38	97 145	49 383,331	1 325 809,978	26,847	26,386
40	39	96 983	48 452,623	1 276 426,647	26,344	25,883
41	40	96 803	47 531,111	1 227 974,024	25,835	25,374
42	41	96 609	46 620,087	1 180 442,913	25,320	24,859
43	42	96 392	45 715,096	1 133 822,825	24,802	24,341
44	43	96 154	44 818,043	1 088 107,729	24,278	23,817
45	44	95 895	43 928,558	1 043 289,686	23,750	23,288
46	45	95 601	43 040,824	999 361,128	23,219	22,758
47	46	95 286	42 161,213	956 320,303	22,682	22,221
48	47	94 929	41 280,601	914 159,090	22,145	21,684
49	48	94 529	40 399,637	872 878,489	21,606	21,145
50	49	94 081	39 516,545	832 478,853	21,067	20,605
51	50	93 580	38 630,178	792 962,308	20,527	20,066
52	51	93 035	37 744,662	754 332,130	19,985	19,524
53	52	92 418	36 849,758	716 587,467	19,446	18,985
54	53	91 732	35 946,917	679 737,709	18,909	18,448
55	54	90 971	35 035,718	643 790,791	18,375	17,914
56	55	90 140	34 118,439	608 755,074	17,842	17,381
57	56	89 227	33 192,256	574 636,635	17,312	16,851
58	57	88 234	32 258,241	541 444,379	16,785	16,323
59	58	87 140	31 310,338	509 186,138	16,263	15,801
60	59	85 953	30 352,713	477 875,799	15,744	15,283
61	60	84 679	29 388,510	447 523,086	15,228	14,767
62	61	83 297	28 411,686	418 134,577	14,717	14,256
63	62	81 827	27 430,080	389 722,891	14,208	13,747
64	63	80 267	26 444,343	362 292,811	13,700	13,239
65	64	78 600	25 449,794	335 848,468	13,197	12,735
66	65	76 828	24 448,253	310 398,674	12,696	12,235
67	66	74 967	23 445,649	285 950,421	12,196	11,735
68	67	72 978	22 431,035	262 504,772	11,703	11,242
69	68	70 918	21 423,209	240 073,737	11,206	10,745
70	69	68 746	20 409,655	218 650,528	10,713	10,252
71	70	66 455	19 390,151	198 240,873	10,224	9,763
72	71	64 044	18 365,333	178 850,721	9,738	9,277
73	72	61 534	17 342,127	160 485,388	9,254	8,793
74	73	58 931	16 322,940	143 143,261	8,769	8,308
75	74	56 225	15 305,491	126 820,322	8,286	7,825
76	75	53 382	14 281,739	111 514,830	7,808	7,347
77	76	50 393	13 250,199	97 233,091	7,338	6,877
78	77	47 260	12 212,573	83 982,893	6,877	6,416
79	78	43 972	11 167,589	71 770,320	6,427	5,965
80	79	40 502	10 109,454	60 602,731	5,995	5,533
81	80	36 874	9 045,555	50 493,277	5,582	5,121
82	81	33 099	7 979,771	41 447,722	5,194	4,733
83	82	29 275	6 936,406	33 467,951	4,825	4,364
84	83	25 443	5 924,920	26 531,545	4,478	4,017
85	84	21 681	4 961,977	20 606,625	4,153	3,692
86	85	18 049	4 059,760	15 644,647	3,854	3,392
87	86	14 656	3 239,932	11 584,887	3,576	3,114
88	87	11 578	2 515,292	8 344,955	3,318	2,856
89	88	8 871	1 894,083	5 829,663	3,078	2,617
90	89	6 577	1 380,090	3 935,581	2,852	2,390
91	90	4 689	967,127	2 555,491	2,642	2,181
92	91	3 187	645,957	1 588,364	2,459	1,998
93	92	2 059	410,083	942,407	2,298	1,837
94	93	1 265	247,597	532,325	2,150	1,689
95	94	727	139,802	284,727	2,037	1,575
96	95	397	75,038	144,925	1,931	1,470
97	96	205	38,069	69,887	1,836	1,375
98	97	99	18,093	31,818	1,759	1,297
99	98	46	8,207	13,724	1,672	1,211
100	99	20	3,450	5,517	1,599	1,138

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	96 220,995	3 962 507,269	41,181	40,720
3	1	99 297	94 261,647	3 866 286,274	41,017	40,555
4	2	99 262	92 607,109	3 772 024,627	40,731	40,270
5	3	99 238	90 992,965	3 679 417,518	40,436	39,975
6	4	99 217	89 408,895	3 588 424,553	40,135	39,674
7	5	99 198	87 854,048	3 499 015,657	39,828	39,366
8	6	99 182	86 329,300	3 411 161,609	39,513	39,052
9	7	99 168	84 832,025	3 324 832,309	39,193	38,732
10	8	99 155	83 362,183	3 240 000,284	38,867	38,405
11	9	99 141	81 917,063	3 156 638,101	38,535	38,073
12	10	99 126	80 495,772	3 074 721,038	38,197	37,736
13	11	99 112	79 100,437	2 994 225,266	37,853	37,392
14	12	99 095	77 726,763	2 915 124,829	37,505	37,044
15	13	99 075	76 374,670	2 837 398,066	37,151	36,690
16	14	99 052	75 043,386	2 761 023,396	36,792	36,331
17	15	99 016	73 725,980	2 685 980,010	36,432	35,971
18	16	98 975	72 427,658	2 612 254,030	36,067	35,606
19	17	98 923	71 144,646	2 539 826,372	35,699	35,238
20	18	98 867	69 881,598	2 468 681,726	35,327	34,865
21	19	98 802	68 634,767	2 398 800,128	34,950	34,489
22	20	98 739	67 411,136	2 330 165,360	34,566	34,105
23	21	98 676	66 209,588	2 262 754,224	34,176	33,714
24	22	98 615	65 030,199	2 196 544,636	33,777	33,316
25	23	98 550	63 869,794	2 131 514,437	33,373	32,912
26	24	98 481	62 727,481	2 067 644,642	32,962	32,501
27	25	98 418	61 608,971	2 004 917,161	32,543	32,081
28	26	98 347	60 506,121	1 943 308,190	32,118	31,656
29	27	98 278	59 423,281	1 882 802,069	31,685	31,223
30	28	98 200	58 355,069	1 823 378,788	31,246	30,785
31	29	98 119	57 304,084	1 765 023,719	30,801	30,340
32	30	98 026	56 265,179	1 707 719,635	30,351	29,890
33	31	97 928	55 242,328	1 651 454,456	29,895	29,434
34	32	97 827	54 236,346	1 596 212,128	29,431	28,969
35	33	97 715	53 242,126	1 541 975,783	28,962	28,500
36	34	97 593	52 261,347	1 488 733,657	28,486	28,025
37	35	97 468	51 296,859	1 436 472,310	28,003	27,542
38	36	97 338	50 347,094	1 385 175,451	27,513	27,051
39	37	97 190	49 406,069	1 334 828,356	27,017	26,556
40	38	97 039	48 481,017	1 285 422,287	26,514	26,053
41	39	96 861	47 559,442	1 236 941,270	26,008	25,547
42	40	96 675	46 651,750	1 189 381,828	25,495	25,034
43	41	96 465	45 749,997	1 142 730,078	24,978	24,517
44	42	96 234	44 855,264	1 096 980,081	24,456	23,995
45	43	95 981	43 968,127	1 052 124,817	23,929	23,468
46	44	95 699	43 084,773	1 008 156,690	23,399	22,938
47	45	95 392	42 208,147	965 071,918	22,865	22,403
48	46	95 050	41 333,083	922 863,771	22,327	21,866
49	47	94 664	40 457,634	881 530,688	21,789	21,328
50	48	94 231	39 579,856	841 073,054	21,250	20,789
51	49	93 750	38 700,281	801 493,197	20,710	20,249
52	50	93 218	37 819,192	762 792,916	20,169	19,708
53	51	92 623	36 931,332	724 973,724	19,630	19,169
54	52	91 958	36 035,395	688 042,393	19,094	18,632
55	53	91 221	35 131,738	652 006,998	18,559	18,098
56	54	90 412	34 221,433	616 875,260	18,026	17,565
57	55	89 524	33 302,601	582 653,827	17,496	17,035
58	56	88 555	32 375,404	549 351,227	16,968	16,507
59	57	87 489	31 435,839	516 975,823	16,445	15,984
60	58	86 334	30 487,179	485 539,984	15,926	15,465
61	59	85 090	29 531,145	455 052,805	15,409	14,948
62	60	83 749	28 565,684	425 521,660	14,896	14,435
63	61	82 287	27 584,418	396 955,976	14,391	13,929
64	62	80 757	26 606,018	369 371,559	13,883	13,422
65	63	79 121	25 618,477	342 765,541	13,380	12,918
66	64	77 392	24 627,724	317 147,064	12,878	12,416
67	65	75 572	23 635,016	292 519,340	12,377	11,915
68	66	73 621	22 628,706	268 884,323	11,882	11,421
69	67	71 613	21 632,927	246 255,617	11,383	10,922
70	68	69 455	20 620,287	224 622,690	10,893	10,432
71	69	67 205	19 609,229	204 002,402	10,403	9,942
72	70	64 834	18 591,847	184 393,173	9,918	9,457
73	71	62 369	17 577,496	165 801,326	9,433	8,971
74	72	59 793	16 561,581	148 223,830	8,950	8,489
75	73	57 109	15 546,189	131 662,249	8,469	8,008
76	74	54 311	14 530,330	116 116,059	7,991	7,530
77	75	51 373	13 507,758	101 585,730	7,521	7,059
78	76	48 314	12 485,073	88 077,972	7,055	6,593
79	77	45 074	11 447,502	75 592,899	6,603	6,142
80	78	41 673	10 401,745	64 145,396	6,167	5,706
81	79	38 130	9 353,503	53 743,651	5,746	5,285
82	80	34 421	8 298,500	44 390,148	5,349	4,888
83	81	30 624	7 256,130	36 091,648	4,974	4,513
84	82	26 792	6 239,001	28 835,518	4,622	4,161
85	83	23 018	5 267,950	22 596,517	4,289	3,828
86	84	19 350	4 352,328	17 328,568	3,981	3,520
87	85	15 883	3 511,061	12 976,240	3,696	3,235
88	86	12 707	2 760,743	9 465,179	3,428	2,967
89	87	9 869	2 107,323	6 704,436	3,181	2,720
90	88	7 430	1 559,116	4 597,113	2,949	2,487
91	89	5 396	1 112,814	3 037,998	2,730	2,269
92	90	3 740	758,109	1 925,183	2,539	2,078
93	91	2 472	492,494	1 167,074	2,370	1,909
94	92	1 557	304,757	674,580	2,214	1,752
95	93	919	176,785	369,823	2,092	1,631
96	94	519	98,111	193,038	1,968	1,506
97	95	273	50,694	94,926	1,873	1,411
98	96	136	24,768	44,233	1,786	1,325
99	97	63	11,352	19,465	1,715	1,253
100	98	28	4,963	8,113	1,635	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	94 551,339	3 875 309,103	40,986	40,525
4	1	99 285	92 628,512	3 780 757,765	40,816	40,355
5	2	99 250	91 003,802	3 688 129,253	40,527	40,066
6	3	99 229	89 419,549	3 597 125,451	40,228	39,766
7	4	99 207	87 862,037	3 507 705,902	39,923	39,462
8	5	99 190	86 335,775	3 419 843,865	39,611	39,150
9	6	99 174	84 837,609	3 333 508,090	39,293	38,832
10	7	99 160	83 366,293	3 248 670,480	38,969	38,507
11	8	99 147	81 922,135	3 165 304,187	38,638	38,177
12	9	99 132	80 500,980	3 083 382,052	38,302	37,841
13	10	99 118	79 105,124	3 002 881,072	37,961	37,499
14	11	99 103	77 732,553	2 923 775,948	37,613	37,152
15	12	99 083	76 380,713	2 846 043,395	37,261	36,800
16	13	99 060	75 049,819	2 769 662,682	36,904	36,443
17	14	99 026	73 733,717	2 694 612,863	36,545	36,084
18	15	98 987	72 436,720	2 620 879,145	36,182	35,720
19	16	98 937	71 154,686	2 548 442,425	35,816	35,354
20	17	98 881	69 891,832	2 477 287,739	35,445	34,983
21	18	98 822	68 648,747	2 407 395,907	35,068	34,607
22	19	98 758	67 424,151	2 338 747,161	34,687	34,226
23	20	98 694	66 221,851	2 271 323,010	34,299	33,837
24	21	98 631	65 040,967	2 205 101,159	33,903	33,442
25	22	98 567	63 880,849	2 140 060,192	33,501	33,040
26	23	98 502	62 741,095	2 076 179,343	33,091	32,630
27	24	98 434	61 619,420	2 013 438,248	32,675	32,214
28	25	98 366	60 517,405	1 951 818,829	32,252	31,791
29	26	98 297	59 434,845	1 891 301,424	31,821	31,360
30	27	98 221	58 367,819	1 831 866,578	31,385	30,924
31	28	98 143	57 318,379	1 773 498,760	30,941	30,480
32	29	98 051	56 279,743	1 716 180,381	30,494	30,033
33	30	97 957	55 258,736	1 659 900,638	30,039	29,577
34	31	97 859	54 253,663	1 604 641,902	29,577	29,115
35	32	97 749	53 260,610	1 550 388,239	29,109	28,648
36	33	97 628	52 279,961	1 497 127,629	28,637	28,176
37	34	97 507	51 316,930	1 444 847,668	28,155	27,694
38	35	97 377	50 367,366	1 393 530,738	27,667	27,206
39	36	97 236	49 429,244	1 343 163,371	27,173	26,712
40	37	97 084	48 503,339	1 293 734,128	26,673	26,212
41	38	96 918	47 587,313	1 245 230,788	26,167	25,706
42	39	96 732	46 679,557	1 197 643,476	25,657	25,195
43	40	96 531	45 781,069	1 150 963,919	25,141	24,679
44	41	96 307	44 889,509	1 105 182,850	24,620	24,159
45	42	96 061	44 004,642	1 060 293,342	24,095	23,634
46	43	95 785	43 123,581	1 016 288,699	23,567	23,106
47	44	95 490	42 251,245	973 165,118	23,033	22,572
48	45	95 155	41 379,094	930 913,874	22,497	22,036
49	46	94 785	40 509,070	889 534,779	21,959	21,498
50	47	94 367	39 636,677	849 025,709	21,420	20,959
51	48	93 900	38 762,285	809 389,032	20,881	20,420
52	49	93 388	37 887,823	770 626,747	20,340	19,878
53	50	92 806	37 004,255	732 738,924	19,801	19,340
54	51	92 161	36 115,165	695 734,669	19,264	18,803
55	52	91 445	35 218,209	659 619,504	18,730	18,268
56	53	90 660	34 315,221	624 401,295	18,196	17,735
57	54	89 794	33 403,132	590 086,074	17,666	17,204
58	55	88 849	32 483,033	556 682,942	17,138	16,676
59	56	87 807	31 550,015	524 199,909	16,615	16,154
60	57	86 680	30 609,380	492 649,894	16,095	15,634
61	58	85 467	29 661,971	462 040,515	15,577	15,116
62	59	84 155	28 704,326	432 378,543	15,063	14,602
63	60	82 733	27 733,932	403 674,218	14,555	14,094
64	61	81 212	26 755,719	375 940,286	14,051	13,590
65	62	79 604	25 775,103	349 184,567	13,547	13,086
66	63	77 905	24 790,958	323 409,464	13,045	12,584
67	64	76 127	23 808,517	298 618,506	12,543	12,081
68	65	74 215	22 811,476	274 809,989	12,047	11,586
69	66	72 244	21 823,565	251 998,513	11,547	11,086
70	67	70 135	20 822,145	230 174,948	11,054	10,593
71	68	67 899	19 811,601	209 352,802	10,567	10,106
72	69	65 566	18 801,906	189 541,202	10,081	9,620
73	70	63 138	17 794,293	170 739,296	9,595	9,134
74	71	60 604	16 786,356	152 945,003	9,111	8,650
75	72	57 944	15 773,474	136 158,646	8,632	8,171
76	73	55 166	14 758,837	120 385,172	8,157	7,696
77	74	52 267	13 742,877	105 626,334	7,686	7,225
78	75	49 253	12 727,760	91 883,458	7,219	6,758
79	76	46 080	11 702,932	79 155,698	6,764	6,303
80	77	42 718	10 662,462	67 452,766	6,326	5,865
81	78	39 232	9 623,938	56 790,304	5,901	5,440
82	79	35 593	8 581,015	47 166,366	5,497	5,035
83	80	31 847	7 545,955	38 585,351	5,113	4,652
84	81	28 027	6 526,579	31 039,396	4,756	4,295
85	82	24 238	5 547,205	24 512,817	4,419	3,958
86	83	20 543	4 620,707	18 965,612	4,104	3,643
87	84	17 028	3 764,086	14 344,905	3,811	3,350
88	85	13 771	2 991,771	10 580,819	3,537	3,075
89	86	10 833	2 312,963	7 589,048	3,281	2,820
90	87	8 266	1 734,645	5 276,085	3,042	2,580
91	88	6 096	1 257,169	3 541,440	2,817	2,356
92	89	4 304	872,310	2 284,271	2,619	2,157
93	90	2 902	578,002	1 411,961	2,443	1,982
94	91	1 869	366,002	833,959	2,279	1,817
95	92	1 131	217,598	467,957	2,151	1,689
96	93	656	124,066	250,359	2,018	1,557
97	94	357	66,281	126,294	1,905	1,444
98	95	181	32,981	60,013	1,820	1,358
99	96	87	15,540	27,032	1,739	1,278
100	97	39	6,865	11,492	1,674	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	92 913,185	3 789 100,719	40,781	40,320
5	1	99 273	91 024,834	3 696 187,534	40,606	40,145
6	2	99 241	89 430,198	3 605 162,700	40,313	39,851
7	3	99 219	87 872,506	3 515 732,502	40,009	39,548
8	4	99 199	86 343,626	3 427 859,996	39,700	39,239
9	5	99 182	84 843,972	3 341 516,370	39,384	38,923
10	6	99 166	83 371,781	3 256 672,398	39,062	38,601
11	7	99 152	81 926,173	3 173 300,616	38,734	38,272
12	8	99 138	80 505,965	3 091 374,443	38,399	37,938
13	9	99 124	79 110,243	3 010 868,478	38,059	37,598
14	10	99 108	77 737,159	2 931 758,235	37,714	37,253
15	11	99 091	76 386,402	2 854 021,076	37,363	36,902
16	12	99 068	75 055,757	2 777 634,673	37,008	36,546
17	13	99 035	73 740,038	2 702 578,916	36,650	36,189
18	14	98 997	72 444,322	2 628 838,878	36,288	35,827
19	15	98 949	71 163,589	2 556 394,556	35,923	35,462
20	16	98 895	69 901,695	2 485 230,967	35,553	35,092
21	17	98 837	68 658,800	2 415 329,272	35,179	34,718
22	18	98 778	67 437,884	2 346 670,472	34,798	34,336
23	19	98 714	66 234,635	2 279 232,588	34,411	33,950
24	20	98 649	65 053,013	2 212 997,953	34,018	33,557
25	21	98 583	63 891,426	2 147 944,940	33,619	33,157
26	22	98 519	62 751,954	2 084 053,513	33,211	32,750
27	23	98 456	61 632,793	2 021 301,559	32,796	32,335
28	24	98 382	60 527,669	1 959 668,766	32,376	31,915
29	25	98 315	59 445,930	1 899 141,098	31,947	31,486
30	26	98 240	58 379,178	1 839 695,168	31,513	31,052
31	27	98 165	57 330,901	1 781 315,990	31,071	30,610
32	28	98 076	56 293,783	1 723 985,089	30,625	30,164
33	29	97 983	55 273,040	1 667 691,306	30,172	29,711
34	30	97 888	54 269,778	1 612 418,267	29,711	29,250
35	31	97 780	53 277,616	1 558 148,489	29,246	28,785
36	32	97 662	52 298,111	1 504 870,874	28,775	28,314
37	33	97 541	51 335,208	1 452 572,763	28,296	27,835
38	34	97 415	50 387,074	1 401 237,555	27,809	27,348
39	35	97 275	49 449,146	1 350 850,481	27,318	26,857
40	36	97 130	48 526,091	1 301 401,335	26,819	26,357
41	37	96 962	47 609,223	1 252 875,244	26,316	25,855
42	38	96 789	46 706,911	1 205 266,021	25,805	25,344
43	39	96 588	45 808,357	1 158 559,110	25,291	24,830
44	40	96 373	44 919,996	1 112 750,753	24,772	24,311
45	41	96 134	44 038,237	1 067 830,757	24,248	23,787
46	42	95 865	43 159,395	1 023 792,520	23,721	23,260
47	43	95 576	42 289,302	980 633,125	23,189	22,727
48	44	95 252	41 421,346	938 343,822	22,654	22,192
49	45	94 890	40 554,164	896 922,477	22,117	21,655
50	46	94 487	39 687,069	856 368,312	21,578	21,117
51	47	94 035	38 817,932	816 681,243	21,039	20,578
52	48	93 537	37 948,525	777 863,311	20,498	20,037
53	49	92 974	37 071,408	739 914,786	19,959	19,498
54	50	92 343	36 186,477	702 843,379	19,423	18,962
55	51	91 647	35 296,171	666 656,902	18,888	18,426
56	52	90 883	34 399,683	631 360,731	18,354	17,892
57	53	90 040	33 494,678	596 961,049	17,823	17,361
58	54	89 117	32 581,090	563 466,371	17,294	16,833
59	55	88 099	31 654,900	530 885,281	16,771	16,310
60	56	86 995	30 720,554	499 230,381	16,251	15,789
61	57	85 810	29 780,865	468 509,827	15,732	15,271
62	58	84 528	28 831,489	438 728,963	15,217	14,756
63	59	83 135	27 868,537	409 897,474	14,708	14,247
64	60	81 652	26 900,741	382 028,937	14,201	13,740
65	61	80 052	25 920,129	355 128,196	13,701	13,240
66	62	78 381	24 942,524	329 208,067	13,199	12,737
67	63	76 632	23 966,322	304 265,542	12,696	12,234
68	64	74 760	22 978,931	280 299,221	12,198	11,737
69	65	72 827	21 999,832	257 320,290	11,696	11,235
70	66	70 753	21 005,639	235 320,458	11,203	10,742
71	67	68 564	20 005,543	214 314,820	10,713	10,252
72	68	66 243	18 995,945	194 309,277	10,229	9,768
73	69	63 852	17 995,340	175 313,332	9,742	9,281
74	70	61 352	16 993,396	157 317,991	9,258	8,796
75	71	58 730	15 987,554	140 324,595	8,777	8,316
76	72	55 972	14 974,611	124 337,042	8,303	7,842
77	73	53 089	13 959,001	109 362,430	7,835	7,373
78	74	50 111	12 949,302	95 403,430	7,367	6,906
79	75	46 976	11 930,415	82 454,128	6,911	6,450
80	76	43 671	10 900,375	70 523,713	6,470	6,009
81	77	40 215	9 865,160	59 623,338	6,044	5,583
82	78	36 622	8 829,115	49 758,178	5,636	5,174
83	79	32 931	7 802,850	40 929,063	5,245	4,784
84	80	29 146	6 787,264	33 126,212	4,881	4,419
85	81	25 355	5 802,895	26 338,949	4,539	4,078
86	82	21 632	4 865,652	20 536,053	4,221	3,759
87	83	18 078	3 996,192	15 670,401	3,921	3,460
88	84	14 763	3 207,374	11 674,209	3,640	3,179
89	85	11 739	2 506,520	8 466,835	3,378	2,917
90	86	9 073	1 903,917	5 960,315	3,131	2,669
91	87	6 782	1 398,704	4 056,398	2,900	2,439
92	88	4 862	985,466	2 657,694	2,697	2,236
93	89	3 339	665,072	1 672,228	2,514	2,053
94	90	2 194	429,548	1 007,156	2,345	1,883
95	91	1 358	261,327	577,608	2,210	1,749
96	92	808	152,707	316,281	2,071	1,610
97	93	451	83,815	163,574	1,952	1,490
98	94	236	43,122	79,759	1,850	1,388
99	95	115	20,693	36,636	1,770	1,309
100	96	53	9,397	15,943	1,697	1,235

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	91 304,578	3 703 891,106	40,566	40,105
6	1	99 264	89 450,866	3 612 586,528	40,386	39,925
7	2	99 231	87 882,971	3 523 135,662	40,089	39,628
8	3	99 210	86 353,914	3 435 252,691	39,781	39,320
9	4	99 191	84 851,688	3 348 898,776	39,468	39,006
10	5	99 174	83 378,034	3 264 047,088	39,148	38,686
11	6	99 158	81 931,567	3 180 669,054	38,821	38,360
12	7	99 143	80 509,933	3 098 737,488	38,489	38,028
13	8	99 130	79 115,141	3 018 227,554	38,150	37,689
14	9	99 115	77 742,190	2 939 112,413	37,806	37,345
15	10	99 096	76 390,929	2 861 370,223	37,457	36,996
16	11	99 076	75 061,348	2 784 979,294	37,103	36,642
17	12	99 043	73 745,873	2 709 917,946	36,747	36,286
18	13	99 006	72 450,533	2 636 172,074	36,386	35,925
19	14	98 959	71 171,057	2 563 721,541	36,022	35,561
20	15	98 908	69 910,441	2 492 550,484	35,653	35,192
21	16	98 851	68 668,489	2 422 640,043	35,280	34,819
22	17	98 793	67 447,760	2 353 971,554	34,901	34,439
23	18	98 734	66 248,126	2 286 523,794	34,515	34,053
24	19	98 668	65 065,572	2 220 275,668	34,124	33,662
25	20	98 601	63 903,259	2 155 210,096	33,726	33,265
26	21	98 536	62 762,345	2 091 306,836	33,321	32,860
27	22	98 473	61 643,460	2 028 544,492	32,908	32,446
28	23	98 404	60 540,805	1 966 901,032	32,489	32,028
29	24	98 332	59 456,012	1 906 360,226	32,063	31,602
30	25	98 259	58 390,065	1 846 904,215	31,630	31,169
31	26	98 184	57 342,058	1 788 514,150	31,190	30,729
32	27	98 097	56 306,081	1 731 172,091	30,746	30,285
33	28	98 007	55 286,828	1 674 866,010	30,294	29,833
34	29	97 913	54 283,825	1 619 579,182	29,835	29,374
35	30	97 809	53 293,440	1 565 295,357	29,371	28,910
36	31	97 693	52 314,810	1 512 001,916	28,902	28,441
37	32	97 575	51 353,030	1 459 687,107	28,425	27,963
38	33	97 450	50 405,020	1 408 334,077	27,940	27,479
39	34	97 313	49 468,494	1 357 929,057	27,450	26,989
40	35	97 169	48 545,629	1 308 460,563	26,953	26,492
41	36	97 008	47 631,555	1 259 914,933	26,451	25,990
42	37	96 834	46 728,417	1 212 283,378	25,943	25,482
43	38	96 645	45 835,201	1 165 554,961	25,429	24,968
44	39	96 430	44 946,771	1 119 719,760	24,912	24,451
45	40	96 200	44 068,146	1 074 772,990	24,389	23,928
46	41	95 938	43 192,345	1 030 704,844	23,863	23,402
47	42	95 655	42 324,424	987 512,499	23,332	22,871
48	43	95 338	41 458,656	945 188,075	22,798	22,337
49	44	94 987	40 595,574	903 729,419	22,262	21,801
50	45	94 592	39 731,248	863 133,846	21,724	21,263
51	46	94 154	38 867,283	823 402,598	21,185	20,724
52	47	93 672	38 003,004	784 535,315	20,644	20,183
53	48	93 123	37 130,801	746 532,311	20,105	19,644
54	49	92 511	36 252,146	709 401,510	19,569	19,107
55	50	91 828	35 365,865	673 149,364	19,034	18,573
56	51	91 084	34 475,832	637 783,499	18,499	18,038
57	52	90 262	33 577,119	603 307,667	17,968	17,507
58	53	89 362	32 670,383	569 730,548	17,439	16,978
59	54	88 365	31 750,457	537 060,164	16,915	16,454
60	55	87 284	30 822,681	505 309,707	16,394	15,933
61	56	86 121	29 889,030	474 487,026	15,875	15,414
62	57	84 867	28 947,053	444 597,996	15,359	14,898
63	58	83 503	27 991,997	415 650,943	14,849	14,388
64	59	82 048	27 031,303	387 658,946	14,341	13,880
65	60	80 486	26 060,622	360 627,643	13,838	13,377
66	61	78 822	25 082,866	334 567,021	13,338	12,877
67	62	77 100	24 112,847	309 484,155	12,835	12,374
68	63	75 256	23 131,237	285 371,309	12,337	11,876
69	64	73 362	22 161,329	262 240,072	11,833	11,372
70	65	71 325	21 175,298	240 078,743	11,338	10,876
71	66	69 168	20 181,839	218 903,444	10,847	10,385
72	67	66 891	19 181,902	198 721,605	10,360	9,899
73	68	64 511	18 181,056	179 539,702	9,875	9,414
74	69	62 045	17 185,394	161 358,646	9,389	8,928
75	70	59 455	16 184,741	144 173,252	8,908	8,447
76	71	56 732	15 177,848	127 988,511	8,433	7,971
77	72	53 865	14 163,081	112 810,663	7,965	7,504
78	73	50 899	13 152,946	98 647,582	7,500	7,039
79	74	47 794	12 138,078	85 494,636	7,044	6,582
80	75	44 520	11 112,258	73 356,558	6,601	6,140
81	76	41 113	10 085,282	62 244,299	6,172	5,711
82	77	37 540	9 050,415	52 159,017	5,763	5,302
83	78	33 884	8 028,452	43 108,603	5,369	4,908
84	79	30 139	7 018,330	35 080,151	4,998	4,537
85	80	26 368	6 034,675	28 061,821	4,650	4,189
86	81	22 629	5 089,927	22 027,146	4,328	3,866
87	82	19 036	4 208,031	16 937,218	4,025	3,564
88	83	15 673	3 405,152	12 729,187	3,738	3,277
89	84	12 585	2 687,153	9 324,035	3,470	3,009
90	85	9 832	2 063,244	6 636,883	3,217	2,756
91	86	7 444	1 535,194	4 573,639	2,979	2,518
92	87	5 409	1 096,412	3 038,445	2,771	2,310
93	88	3 772	751,345	1 942,032	2,585	2,124
94	89	2 525	494,255	1 190,687	2,409	1,948
95	90	1 594	306,699	696,432	2,271	1,810
96	91	970	183,396	389,733	2,125	1,664
97	92	555	103,164	206,337	2,000	1,539
98	93	299	54,530	103,173	1,892	1,431
99	94	151	27,056	48,643	1,798	1,337
100	95	71	12,513	21,587	1,725	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	89 725,773	3 619 691,672	40,342	39,881
7	1	99 254	87 903,282	3 529 965,899	40,157	39,696
8	2	99 222	86 364,198	3 442 062,617	39,855	39,394
9	3	99 202	84 861,798	3 355 698,418	39,543	39,082
10	4	99 183	83 385,616	3 270 836,620	39,225	38,764
11	5	99 166	81 937,712	3 187 451,004	38,901	38,440
12	6	99 150	80 515,234	3 105 513,292	38,571	38,109
13	7	99 135	79 119,042	3 024 998,059	38,234	37,772
14	8	99 121	77 747,003	2 945 879,017	37,891	37,429
15	9	99 103	76 395,872	2 868 132,014	37,543	37,082
16	10	99 082	75 065,796	2 791 736,142	37,191	36,729
17	11	99 050	73 751,366	2 716 670,346	36,836	36,374
18	12	99 014	72 456,265	2 642 918,980	36,476	36,015
19	13	98 968	71 177,158	2 570 462,715	36,114	35,652
20	14	98 918	69 917,778	2 499 285,557	35,746	35,285
21	15	98 863	68 677,081	2 429 367,779	35,374	34,913
22	16	98 807	67 457,278	2 360 690,698	34,995	34,534
23	17	98 748	66 257,828	2 293 233,420	34,611	34,150
24	18	98 688	65 078,825	2 226 975,592	34,220	33,758
25	19	98 621	63 915,596	2 161 896,767	33,824	33,363
26	20	98 554	62 773,968	2 097 981,171	33,421	32,960
27	21	98 489	61 653,667	2 035 207,202	33,010	32,549
28	22	98 421	60 551,284	1 973 553,535	32,593	32,132
29	23	98 353	59 468,916	1 913 002,252	32,168	31,707
30	24	98 275	58 399,968	1 853 533,336	31,739	31,277
31	25	98 202	57 352,752	1 795 133,368	31,300	30,839
32	26	98 116	56 317,039	1 737 780,616	30,857	30,396
33	27	98 028	55 298,907	1 681 463,576	30,407	29,946
34	28	97 937	54 297,367	1 626 164,670	29,949	29,488
35	29	97 834	53 307,235	1 571 867,303	29,487	29,026
36	30	97 722	52 330,348	1 518 560,068	29,019	28,558
37	31	97 606	51 369,427	1 466 229,720	28,543	28,082
38	32	97 484	50 422,519	1 414 860,293	28,060	27,599
39	33	97 348	49 486,113	1 364 437,774	27,572	27,111
40	34	97 207	48 564,624	1 314 951,661	27,076	26,615
41	35	97 047	47 650,734	1 266 387,037	26,576	26,115
42	36	96 879	46 750,336	1 218 736,303	26,069	25,608
43	37	96 689	45 856,305	1 171 985,967	25,558	25,097
44	38	96 487	44 973,110	1 126 129,662	25,040	24,579
45	39	96 257	44 094,413	1 081 156,553	24,519	24,058
46	40	96 003	43 221,679	1 037 062,139	23,994	23,533
47	41	95 728	42 356,736	993 840,460	23,464	23,002
48	42	95 417	41 493,087	951 483,724	22,931	22,470
49	43	95 073	40 632,140	909 990,637	22,396	21,935
50	44	94 688	39 771,817	869 358,497	21,859	21,397
51	45	94 259	38 910,550	829 586,680	21,320	20,859
52	46	93 791	38 051,319	790 676,130	20,779	20,318
53	47	93 257	37 184,106	752 624,812	20,240	19,779
54	48	92 659	36 310,227	715 440,706	19,704	19,242
55	49	91 995	35 430,045	679 130,479	19,168	18,707
56	50	91 264	34 543,907	643 700,434	18,634	18,173
57	51	90 462	33 651,448	609 156,527	18,102	17,641
58	52	89 581	32 750,796	575 505,079	17,572	17,111
59	53	88 607	31 837,473	542 754,283	17,048	16,586
60	54	87 548	30 915,727	510 916,810	16,526	16,065
61	55	86 408	29 988,393	480 001,083	16,006	15,545
62	56	85 175	29 052,190	450 012,691	15,490	15,029
63	57	83 838	28 104,197	420 960,501	14,979	14,517
64	58	82 412	27 151,054	392 856,304	14,469	14,008
65	59	80 877	26 187,106	365 705,250	13,965	13,504
66	60	79 249	25 218,821	339 518,144	13,463	13,002
67	61	77 534	24 248,520	314 299,323	12,962	12,500
68	62	75 716	23 272,656	290 050,803	12,463	12,002
69	63	73 848	22 308,216	266 778,147	11,959	11,498
70	64	71 848	21 330,743	244 469,931	11,461	11,000
71	65	69 727	20 344,846	223 139,188	10,968	10,507
72	66	67 481	19 350,941	202 794,343	10,480	10,019
73	67	65 142	18 359,036	183 443,402	9,992	9,531
74	68	62 685	17 362,751	165 084,366	9,508	9,047
75	69	60 127	16 367,603	147 721,614	9,025	8,564
76	70	57 431	15 365,049	131 354,012	8,549	8,088
77	71	54 596	14 355,304	115 988,963	8,080	7,619
78	72	51 643	13 345,242	101 633,659	7,616	7,155
79	73	48 545	12 328,965	88 288,417	7,161	6,700
80	74	45 295	11 305,681	75 959,453	6,719	6,257
81	75	41 912	10 281,321	64 653,772	6,288	5,827
82	76	38 377	9 252,358	54 372,451	5,877	5,415
83	77	34 733	8 229,683	45 120,093	5,483	5,021
84	78	31 010	7 221,249	36 890,410	5,109	4,647
85	79	27 266	6 240,120	29 669,161	4,755	4,293
86	80	23 533	5 293,229	23 429,041	4,426	3,965
87	81	19 913	4 401,995	18 135,811	4,120	3,659
88	82	16 504	3 585,659	13 733,817	3,830	3,369
89	83	13 361	2 852,852	10 148,157	3,557	3,096
90	84	10 541	2 211,932	7 295,306	3,298	2,837
91	85	8 067	1 663,664	5 083,374	3,056	2,594
92	86	5 937	1 203,404	3 419,709	2,842	2,380
93	87	4 196	835,933	2 216,305	2,651	2,190
94	88	2 852	558,370	1 380,372	2,472	2,011
95	89	1 834	352,900	822,002	2,329	1,868
96	90	1 138	215,237	469,102	2,179	1,718
97	91	667	123,896	253,864	2,049	1,588
98	92	367	67,118	129,968	1,936	1,475
99	93	191	34,214	62,850	1,837	1,376
100	94	93	16,361	28,636	1,750	1,289

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	88 173,433	3 536 513,405	40,109	39,647
8	1	99 245	86 384,158	3 448 339,972	39,919	39,457
9	2	99 214	84 871,905	3 361 955,814	39,612	39,151
10	3	99 194	83 395,552	3 277 083,910	39,296	38,834
11	4	99 175	81 945,163	3 193 688,358	38,973	38,512
12	5	99 157	80 521,272	3 111 743,195	38,645	38,184
13	6	99 142	79 124,250	3 031 221,923	38,310	37,848
14	7	99 126	77 750,836	2 952 097,673	37,969	37,507
15	8	99 109	76 400,602	2 874 346,837	37,622	37,161
16	9	99 088	75 070,653	2 797 946,234	37,271	36,810
17	10	99 056	73 755,736	2 722 875,581	36,917	36,456
18	11	99 021	72 461,662	2 649 119,845	36,559	36,098
19	12	98 976	71 182,790	2 576 658,183	36,198	35,737
20	13	98 927	69 923,772	2 505 475,393	35,832	35,370
21	14	98 874	68 684,288	2 435 551,621	35,460	34,999
22	15	98 819	67 465,718	2 366 867,332	35,083	34,621
23	16	98 762	66 267,178	2 299 401,614	34,699	34,238
24	17	98 703	65 088,355	2 233 134,436	34,309	33,848
25	18	98 641	63 928,615	2 168 046,081	33,914	33,452
26	19	98 573	62 786,088	2 104 117,466	33,512	33,051
27	20	98 507	61 665,086	2 041 331,378	33,104	32,642
28	21	98 437	60 561,310	1 979 666,293	32,689	32,227
29	22	98 370	59 479,208	1 919 104,983	32,265	31,804
30	23	98 297	58 412,643	1 859 625,775	31,836	31,375
31	24	98 219	57 362,479	1 801 213,132	31,401	30,939
32	25	98 135	56 327,542	1 743 850,653	30,959	30,498
33	26	98 048	55 309,668	1 687 523,110	30,510	30,049
34	27	97 959	54 309,229	1 632 213,442	30,054	29,593
35	28	97 859	53 320,533	1 577 904,213	29,593	29,132
36	29	97 747	52 343,894	1 524 583,680	29,126	28,665
37	30	97 635	51 384,685	1 472 239,786	28,651	28,190
38	31	97 515	50 438,619	1 420 855,101	28,170	27,709
39	32	97 381	49 503,293	1 370 416,482	27,683	27,222
40	33	97 241	48 581,921	1 320 913,189	27,189	26,728
41	34	97 085	47 669,378	1 272 331,268	26,691	26,230
42	35	96 918	46 769,159	1 224 661,890	26,185	25,724
43	36	96 735	45 877,815	1 177 892,730	25,675	25,213
44	37	96 531	44 993,817	1 132 014,916	25,159	24,698
45	38	96 313	44 120,253	1 087 021,099	24,638	24,176
46	39	96 060	43 247,442	1 042 900,846	24,115	23,654
47	40	95 793	42 385,503	999 653,404	23,585	23,124
48	41	95 490	41 524,765	957 267,901	23,053	22,592
49	42	95 152	40 665,885	915 743,137	22,519	22,058
50	43	94 774	39 807,641	875 077,252	21,983	21,521
51	44	94 355	38 950,281	835 269,611	21,445	20,983
52	45	93 895	38 093,677	796 319,330	20,904	20,443
53	46	93 376	37 231,380	758 225,653	20,365	19,904
54	47	92 792	36 362,354	720 994,273	19,828	19,367
55	48	92 142	35 486,809	684 631,919	19,293	18,831
56	49	91 429	34 606,595	649 145,111	18,758	18,297
57	50	90 640	33 717,895	614 538,516	18,226	17,765
58	51	89 780	32 823,296	580 820,621	17,695	17,234
59	52	88 825	31 915,836	547 997,326	17,170	16,709
60	53	87 788	31 000,455	516 081,489	16,648	16,186
61	54	86 669	30 078,920	485 081,034	16,127	15,666
62	55	85 458	29 148,771	455 002,115	15,610	15,148
63	56	84 142	28 206,272	425 853,343	15,098	14,637
64	57	82 742	27 259,883	397 647,071	14,587	14,126
65	58	81 235	26 303,117	370 387,188	14,081	13,620
66	59	79 634	25 341,219	344 084,071	13,578	13,117
67	60	77 954	24 379,952	318 742,852	13,074	12,613
68	61	76 142	23 403,602	294 362,899	12,578	12,116
69	62	74 300	22 444,603	270 959,297	12,072	11,611
70	63	72 324	21 472,125	248 514,694	11,574	11,113
71	64	70 238	20 494,194	227 042,570	11,078	10,617
72	65	68 026	19 507,236	206 548,376	10,588	10,127
73	66	65 716	18 520,823	187 041,140	10,099	9,638
74	67	63 299	17 532,721	168 520,316	9,612	9,151
75	68	60 747	16 536,520	150 987,596	9,131	8,669
76	69	58 080	15 538,649	134 451,076	8,653	8,191
77	70	55 270	14 532,359	118 912,427	8,183	7,721
78	71	52 344	13 526,364	104 380,067	7,717	7,256
79	72	49 255	12 509,214	90 853,703	7,263	6,802
80	73	46 007	11 483,476	78 344,489	6,822	6,361
81	74	42 641	10 460,280	66 861,012	6,392	5,931
82	75	39 123	9 432,207	56 400,732	5,980	5,518
83	76	35 508	8 413,313	46 968,526	5,583	5,121
84	77	31 787	7 402,248	38 555,213	5,209	4,747
85	78	28 054	6 420,539	31 152,965	4,852	4,391
86	79	24 334	5 473,433	24 732,426	4,519	4,057
87	80	20 709	4 577,819	19 258,993	4,207	3,746
88	81	17 265	3 750,935	14 681,174	3,914	3,453
89	82	14 069	3 004,082	10 930,239	3,638	3,177
90	83	11 191	2 348,327	7 926,157	3,375	2,914
91	84	8 648	1 783,557	5 577,830	3,127	2,666
92	85	6 434	1 304,109	3 794,273	2,909	2,448
93	86	4 606	917,506	2 490,163	2,714	2,253
94	87	3 173	621,233	1 572,657	2,532	2,070
95	88	2 072	398,678	951,424	2,386	1,925
96	89	1 310	247,661	552,746	2,232	1,771
97	90	782	145,408	305,085	2,098	1,637
98	91	441	80,607	159,678	1,981	1,520
99	92	235	42,112	79,071	1,878	1,416
100	93	117	20,689	36,959	1,786	1,325

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	86 649,640	3 454 369,880	39,866	39,405
9	1	99 237	84 891,519	3 367 720,240	39,671	39,210
10	2	99 206	83 405,484	3 282 828,720	39,360	38,899
11	3	99 187	81 954,927	3 199 423,236	39,039	38,578
12	4	99 166	80 528,595	3 117 468,310	38,713	38,251
13	5	99 149	79 130,184	3 036 939,715	38,379	37,918
14	6	99 132	77 755,954	2 957 809,530	38,040	37,578
15	7	99 114	76 404,369	2 880 053,576	37,695	37,234
16	8	99 094	75 075,302	2 803 649,208	37,344	36,883
17	9	99 062	73 760,509	2 728 573,906	36,992	36,531
18	10	99 027	72 465,956	2 654 813,397	36,635	36,174
19	11	98 983	71 188,092	2 582 347,441	36,275	35,814
20	12	98 934	69 929,304	2 511 159,349	35,910	35,449
21	13	98 882	68 690,176	2 441 230,044	35,540	35,079
22	14	98 829	67 472,798	2 372 539,868	35,163	34,702
23	15	98 774	66 275,469	2 305 067,069	34,780	34,319
24	16	98 717	65 097,540	2 238 791,600	34,391	33,930
25	17	98 655	63 937,977	2 173 694,060	33,997	33,536
26	18	98 593	62 798,876	2 109 756,083	33,595	33,134
27	19	98 526	61 676,991	2 046 957,207	33,188	32,727
28	20	98 455	60 572,526	1 985 280,216	32,775	32,314
29	21	98 386	59 489,057	1 924 707,690	32,354	31,893
30	22	98 314	58 422,752	1 865 218,633	31,926	31,465
31	23	98 240	57 374,929	1 806 795,880	31,491	31,030
32	24	98 151	56 337,095	1 749 420,952	31,053	30,592
33	25	98 066	55 319,983	1 693 083,856	30,605	30,144
34	26	97 978	54 319,798	1 637 763,873	30,150	29,689
35	27	97 880	53 332,182	1 583 444,075	29,690	29,229
36	28	97 772	52 356,951	1 530 111,892	29,225	28,763
37	29	97 661	51 397,985	1 477 754,941	28,751	28,290
38	30	97 544	50 453,600	1 426 356,955	28,271	27,809
39	31	97 413	49 519,099	1 375 903,355	27,785	27,324
40	32	97 275	48 598,787	1 326 384,256	27,293	26,831
41	33	97 119	47 686,357	1 277 785,469	26,796	26,334
42	34	96 956	46 787,459	1 230 099,112	26,291	25,830
43	35	96 774	45 896,287	1 183 311,653	25,782	25,321
44	36	96 576	45 014,922	1 137 415,366	25,268	24,806
45	37	96 358	44 140,567	1 092 400,444	24,748	24,287
46	38	96 117	43 272,785	1 048 259,877	24,224	23,763
47	39	95 850	42 410,767	1 004 987,092	23,697	23,235
48	40	95 555	41 552,967	962 576,325	23,165	22,704
49	41	95 224	40 696,931	921 023,358	22,631	22,170
50	42	94 852	39 840,702	880 326,427	22,096	21,635
51	43	94 440	38 985,365	840 485,725	21,559	21,098
52	44	93 991	38 132,574	801 500,361	21,019	20,558
53	45	93 480	37 272,826	763 367,787	20,481	20,019
54	46	92 910	36 408,583	726 094,961	19,943	19,482
55	47	92 275	35 537,753	689 686,378	19,407	18,946
56	48	91 576	34 662,039	654 148,625	18,872	18,411
57	49	90 805	33 779,084	619 486,586	18,339	17,878
58	50	89 957	32 888,107	585 707,502	17,809	17,348
59	51	89 022	31 986,487	552 819,395	17,283	16,822
60	52	88 004	31 076,758	520 832,907	16,760	16,298
61	53	86 906	30 161,355	489 756,149	16,238	15,777
62	54	85 716	29 236,763	459 594,795	15,720	15,259
63	55	84 422	28 300,041	430 358,031	15,207	14,746
64	56	83 043	27 358,892	402 057,990	14,696	14,234
65	57	81 561	26 408,548	374 699,098	14,189	13,727
66	58	79 987	25 453,483	348 290,551	13,683	13,222
67	59	78 332	24 498,279	322 837,068	13,178	12,717
68	60	76 555	23 530,455	298 338,788	12,679	12,218
69	61	74 718	22 570,890	274 808,333	12,175	11,714
70	62	72 766	21 603,400	252 237,444	11,676	11,215
71	63	70 704	20 630,031	230 634,043	11,180	10,718
72	64	68 525	19 650,436	210 004,012	10,687	10,226
73	65	66 247	18 670,414	190 353,577	10,195	9,734
74	66	63 857	17 687,226	171 683,163	9,707	9,245
75	67	61 342	16 698,401	153 995,937	9,222	8,761
76	68	58 680	15 699,012	137 297,536	8,746	8,284
77	69	55 894	14 696,552	121 598,525	8,274	7,813
78	70	52 989	13 693,196	106 901,973	7,807	7,346
79	71	49 923	12 678,990	93 208,777	7,351	6,890
80	72	46 680	11 651,365	80 529,787	6,912	6,450
81	73	43 312	10 624,781	68 878,422	6,483	6,022
82	74	39 804	9 596,385	58 253,641	6,070	5,609
83	75	36 198	8 576,852	48 657,255	5,673	5,212
84	76	32 497	7 567,415	40 080,404	5,296	4,835
85	77	28 757	6 581,468	32 512,988	4,940	4,479
86	78	25 038	5 631,685	25 931,520	4,605	4,143
87	79	21 414	4 733,667	20 299,836	4,288	3,827
88	80	17 955	3 900,755	15 566,168	3,991	3,529
89	81	14 718	3 142,551	11 665,413	3,712	3,251
90	82	11 784	2 472,813	8 522,862	3,447	2,985
91	83	9 181	1 893,537	6 050,050	3,195	2,734
92	84	6 898	1 398,090	4 156,513	2,973	2,512
93	85	4 991	994,287	2 758,422	2,774	2,313
94	86	3 483	681,855	1 764,136	2,587	2,126
95	87	2 305	443,562	1 082,281	2,440	1,979
96	88	1 480	279,787	638,719	2,283	1,822
97	89	900	167,312	358,931	2,145	1,684
98	90	518	94,602	191,620	2,026	1,564
99	91	282	50,575	97,018	1,918	1,457
100	92	144	25,465	46,443	1,824	1,363

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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5						
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7						
8						
9	0	99 542	85 152,414	3 373 271,340	39,615	39,153
10	1	99 229	83 424,760	3 288 118,925	39,414	38,953
11	2	99 199	81 964,687	3 204 694,166	39,098	38,637
12	3	99 178	80 538,190	3 122 729,479	38,773	38,312
13	4	99 158	79 137,380	3 042 191,289	38,442	37,981
14	5	99 140	77 761,786	2 963 053,908	38,104	37,643
15	6	99 120	76 409,399	2 885 292,122	37,761	37,300
16	7	99 099	75 079,003	2 808 882,724	37,412	36,951
17	8	99 069	73 765,076	2 733 803,721	37,061	36,600
18	9	99 033	72 470,645	2 660 038,645	36,705	36,244
19	10	98 989	71 192,311	2 587 568,000	36,346	35,885
20	11	98 942	69 934,513	2 516 375,689	35,982	35,521
21	12	98 890	68 695,611	2 446 441,176	35,613	35,152
22	13	98 838	67 478,583	2 377 745,565	35,237	34,776
23	14	98 785	66 282,425	2 310 266,982	34,855	34,394
24	15	98 729	65 105,685	2 243 984,557	34,467	34,006
25	16	98 669	63 947,000	2 178 878,872	34,073	33,612
26	17	98 608	62 808,072	2 114 931,872	33,673	33,212
27	18	98 546	61 689,554	2 052 123,800	33,265	32,804
28	19	98 474	60 584,220	1 990 434,246	32,854	32,393
29	20	98 405	59 500,075	1 929 850,026	32,434	31,973
30	21	98 330	58 432,426	1 870 349,952	32,009	31,548
31	22	98 257	57 384,859	1 811 917,525	31,575	31,114
32	23	98 173	56 349,322	1 754 532,666	31,137	30,676
33	24	98 082	55 329,366	1 698 183,344	30,692	30,231
34	25	97 996	54 329,929	1 642 853,978	30,238	29,777
35	26	97 899	53 342,561	1 588 524,050	29,780	29,318
36	27	97 793	52 368,390	1 535 181,488	29,315	28,854
37	28	97 685	51 410,807	1 482 813,098	28,842	28,381
38	29	97 569	50 466,660	1 431 402,291	28,363	27,902
39	30	97 442	49 533,808	1 380 935,631	27,879	27,417
40	31	97 306	48 614,305	1 331 401,823	27,387	26,926
41	32	97 153	47 702,912	1 282 787,519	26,891	26,430
42	33	96 991	46 804,123	1 235 084,607	26,388	25,927
43	34	96 812	45 914,245	1 188 280,484	25,880	25,419
44	35	96 615	45 033,047	1 142 366,239	25,367	24,906
45	36	96 403	44 161,272	1 097 333,192	24,848	24,387
46	37	96 161	43 292,709	1 053 171,920	24,327	23,866
47	38	95 907	42 435,620	1 009 879,210	23,798	23,337
48	39	95 612	41 577,735	967 443,590	23,268	22,807
49	40	95 289	40 724,570	925 865,855	22,735	22,274
50	41	94 925	39 871,118	885 141,285	22,200	21,739
51	42	94 519	39 017,742	845 270,167	21,664	21,203
52	43	94 076	38 166,922	806 252,425	21,124	20,663
53	44	93 575	37 310,884	768 085,504	20,586	20,125
54	45	93 013	36 449,113	730 774,619	20,049	19,588
55	46	92 392	35 582,934	694 325,507	19,513	19,052
56	47	91 707	34 711,800	658 742,573	18,977	18,516
57	48	90 950	33 833,203	624 030,772	18,444	17,983
58	49	90 120	32 947,790	590 197,570	17,913	17,452
59	50	89 198	32 049,647	557 249,780	17,387	16,926
60	51	88 198	31 145,552	525 200,133	16,863	16,402
61	52	87 120	30 235,592	494 054,581	16,340	15,879
62	53	85 951	29 316,890	463 818,989	15,821	15,360
63	54	84 677	28 385,471	434 502,099	15,307	14,846
64	55	83 319	27 449,844	406 116,628	14,795	14,334
65	56	81 857	26 504,464	378 666,784	14,287	13,826
66	57	80 307	25 555,508	352 162,320	13,780	13,319
67	58	78 679	24 606,809	326 606,812	13,273	12,812
68	59	76 926	23 644,659	302 000,003	12,772	12,311
69	60	75 123	22 693,229	278 355,344	12,266	11,805
70	61	73 176	21 724,954	255 662,115	11,768	11,307
71	62	71 136	20 756,158	233 937,161	11,271	10,810
72	63	68 979	19 780,680	213 181,002	10,777	10,316
73	64	66 733	18 807,470	193 400,322	10,283	9,822
74	65	64 372	17 830,083	174 592,852	9,792	9,331
75	66	61 882	16 845,554	156 762,769	9,306	8,845
76	67	59 254	15 852,694	139 917,215	8,826	8,365
77	68	56 471	14 848,223	124 064,521	8,356	7,894
78	69	53 588	13 847,907	109 216,297	7,887	7,426
79	70	50 539	12 835,370	95 368,390	7,430	6,969
80	71	47 313	11 809,498	82 533,020	6,989	6,527
81	72	43 945	10 780,115	70 723,522	6,561	6,099
82	73	40 430	9 747,301	59 943,406	6,150	5,689
83	74	36 828	8 726,142	50 196,106	5,752	5,291
84	75	33 128	7 714,512	41 469,964	5,376	4,914
85	76	29 399	6 728,321	33 755,452	5,017	4,556
86	77	25 665	5 772,841	27 027,131	4,682	4,221
87	78	22 033	4 870,530	21 254,289	4,364	3,903
88	79	18 566	4 033,553	16 383,759	4,062	3,601
89	80	15 306	3 268,071	12 350,206	3,779	3,318
90	81	12 327	2 586,793	9 082,135	3,511	3,050
91	82	9 668	1 993,914	6 495,342	3,258	2,796
92	83	7 323	1 484,301	4 501,428	3,033	2,571
93	84	5 351	1 065,940	3 017,127	2,830	2,369
94	85	3 774	738,915	1 951,187	2,641	2,179
95	86	2 530	486,847	1 212,272	2,490	2,029
96	87	1 646	311,286	725,425	2,330	1,869
97	88	1 017	189,015	414,139	2,191	1,730
98	89	596	108,852	225,123	2,068	1,607
99	90	331	59,356	116,271	1,959	1,498
100	91	173	30,583	56,914	1,861	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	83 681,147	3 293 228,342	39,354	38,893
11	1	99 221	81 983,630	3 209 547,195	39,149	38,687
12	2	99 190	80 547,781	3 127 563,565	38,829	38,367
13	3	99 170	79 146,810	3 047 015,784	38,498	38,037
14	4	99 149	77 768,857	2 967 868,974	38,163	37,701
15	5	99 128	76 415,129	2 890 100,117	37,821	37,360
16	6	99 106	75 083,945	2 813 684,987	37,474	37,013
17	7	99 073	73 768,712	2 738 601,042	37,124	36,663
18	8	99 040	72 475,132	2 664 832,330	36,769	36,308
19	9	98 995	71 196,918	2 592 357,197	36,411	35,950
20	10	98 948	69 938,657	2 521 160,280	36,048	35,587
21	11	98 897	68 700,728	2 451 221,622	35,680	35,218
22	12	98 846	67 483,922	2 382 520,894	35,305	34,844
23	13	98 793	66 288,107	2 315 036,972	34,924	34,463
24	14	98 739	65 112,518	2 248 748,865	34,536	34,075
25	15	98 681	63 955,001	2 183 636,347	34,143	33,682
26	16	98 622	62 816,936	2 119 681,347	33,744	33,283
27	17	98 561	61 698,587	2 056 864,411	33,337	32,876
28	18	98 494	60 596,560	1 995 165,823	32,925	32,464
29	19	98 424	59 511,562	1 934 569,263	32,507	32,046
30	20	98 348	58 443,248	1 875 057,701	32,083	31,622
31	21	98 273	57 394,361	1 816 614,453	31,651	31,190
32	22	98 190	56 359,075	1 759 220,092	31,214	30,753
33	23	98 104	55 341,374	1 702 861,017	30,770	30,309
34	24	98 013	54 339,143	1 647 519,643	30,319	29,858
35	25	97 917	53 352,510	1 593 180,500	29,861	29,400
36	26	97 812	52 378,581	1 539 827,991	29,398	28,937
37	27	97 706	51 422,039	1 487 449,409	28,926	28,465
38	28	97 593	50 479,249	1 436 027,370	28,448	27,987
39	29	97 467	49 546,629	1 385 548,121	27,965	27,503
40	30	97 335	48 628,744	1 336 001,491	27,473	27,012
41	31	97 184	47 718,143	1 287 372,747	26,979	26,517
42	32	97 024	46 820,372	1 239 654,604	26,477	26,016
43	33	96 846	45 930,598	1 192 834,232	25,970	25,509
44	34	96 653	45 050,667	1 146 903,634	25,458	24,997
45	35	96 442	44 179,053	1 101 852,967	24,941	24,479
46	36	96 206	43 313,017	1 057 673,913	24,419	23,958
47	37	95 951	42 455,159	1 014 360,897	23,893	23,431
48	38	95 668	41 602,100	971 905,738	23,362	22,901
49	39	95 346	40 748,845	930 303,638	22,830	22,369
50	40	94 989	39 898,197	889 554,794	22,296	21,834
51	41	94 591	39 047,530	849 656,597	21,760	21,298
52	42	94 154	38 198,619	810 609,067	21,221	20,760
53	43	93 659	37 344,492	772 410,448	20,683	20,222
54	44	93 108	36 486,330	735 065,956	20,146	19,685
55	45	92 495	35 622,545	698 579,626	19,611	19,149
56	46	91 824	34 755,931	662 957,081	19,075	18,613
57	47	91 081	33 881,774	628 201,150	18,541	18,080
58	48	90 265	33 000,577	594 319,377	18,009	17,548
59	49	89 360	32 107,808	561 318,800	17,482	17,021
60	50	88 373	31 207,050	529 210,991	16,958	16,497
61	51	87 313	30 302,524	498 003,941	16,434	15,973
62	52	86 163	29 389,049	467 701,417	15,914	15,453
63	53	84 909	28 463,265	438 312,368	15,399	14,938
64	54	83 570	27 532,707	409 849,103	14,886	14,425
65	55	82 129	26 592,576	382 316,395	14,377	13,916
66	56	80 599	25 648,326	355 723,820	13,869	13,408
67	57	78 995	24 705,440	330 075,493	13,360	12,899
68	58	77 267	23 749,407	305 370,053	12,858	12,397
69	59	75 487	22 803,370	281 620,646	12,350	11,889
70	60	73 573	21 842,708	258 817,277	11,849	11,388
71	61	71 536	20 872,945	236 974,568	11,353	10,892
72	62	69 401	19 901,615	216 101,624	10,858	10,397
73	63	67 176	18 932,127	196 200,009	10,363	9,902
74	64	64 845	17 960,971	177 267,882	9,870	9,408
75	65	62 382	16 981,613	159 306,910	9,381	8,920
76	66	59 776	15 992,394	142 325,297	8,900	8,438
77	67	57 024	14 993,577	126 332,903	8,426	7,965
78	68	54 141	13 990,821	111 339,326	7,958	7,497
79	69	51 110	12 980,390	97 348,505	7,500	7,038
80	70	47 897	11 955,154	84 368,115	7,057	6,596
81	71	44 542	10 926,424	72 412,961	6,627	6,166
82	72	41 021	9 889,806	61 486,537	6,217	5,756
83	73	37 407	8 863,372	51 596,731	5,821	5,360
84	74	33 705	7 848,792	42 733,359	5,445	4,983
85	75	29 970	6 859,107	34 884,567	5,086	4,625
86	76	26 238	5 901,651	28 025,460	4,749	4,288
87	77	22 585	4 992,609	22 123,809	4,431	3,970
88	78	19 103	4 150,174	17 131,200	4,128	3,667
89	79	15 827	3 379,329	12 981,026	3,841	3,380
90	80	12 819	2 690,115	9 601,696	3,569	3,108
91	81	10 114	2 085,820	6 911,581	3,314	2,852
92	82	7 711	1 562,984	4 825,761	3,088	2,626
93	83	5 681	1 131,670	3 262,776	2,883	2,422
94	84	4 046	792,165	2 131,107	2,690	2,229
95	85	2 742	527,588	1 338,942	2,538	2,077
96	86	1 807	341,663	811,354	2,375	1,914
97	87	1 132	210,295	469,691	2,233	1,772
98	88	673	122,973	259,396	2,109	1,648
99	89	380	68,298	136,423	1,997	1,536
100	90	203	35,893	68,125	1,898	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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8						
9						
10						
11	0	99 526	82 235,588	3 214 250,074	39,086	38,625
12	1	99 213	80 566,397	3 132 014,485	38,875	38,414
13	2	99 182	79 156,236	3 051 448,089	38,550	38,088
14	3	99 161	77 778,124	2 972 291,853	38,215	37,754
15	4	99 137	76 422,078	2 894 513,729	37,875	37,414
16	5	99 113	75 089,576	2 818 091,651	37,530	37,069
17	6	99 080	73 773,569	2 743 002,074	37,181	36,720
18	7	99 044	72 478,705	2 669 228,506	36,828	36,367
19	8	99 002	71 201,326	2 596 749,800	36,471	36,009
20	9	98 954	69 943,183	2 525 548,475	36,109	35,647
21	10	98 903	68 704,799	2 455 605,291	35,741	35,280
22	11	98 853	67 488,948	2 386 900,492	35,367	34,906
23	12	98 801	66 293,352	2 319 411,544	34,987	34,526
24	13	98 748	65 118,100	2 253 118,192	34,600	34,139
25	14	98 692	63 961,712	2 188 000,092	34,208	33,747
26	15	98 634	62 824,796	2 124 038,379	33,809	33,348
27	16	98 575	61 707,294	2 061 213,584	33,403	32,942
28	17	98 509	60 605,434	1 999 506,290	32,992	32,531
29	18	98 444	59 523,683	1 938 900,856	32,574	32,112
30	19	98 367	58 454,531	1 879 377,172	32,151	31,690
31	20	98 292	57 404,991	1 820 922,641	31,721	31,259
32	21	98 206	56 368,407	1 763 517,650	31,286	30,824
33	22	98 121	55 350,952	1 707 149,243	30,842	30,381
34	23	98 034	54 350,936	1 651 798,291	30,391	29,930
35	24	97 934	53 361,558	1 597 447,355	29,936	29,475
36	25	97 830	52 388,350	1 544 085,796	29,474	29,013
37	26	97 725	51 432,046	1 491 697,447	29,003	28,542
38	27	97 615	50 490,278	1 440 265,400	28,526	28,064
39	28	97 491	49 558,989	1 389 775,123	28,043	27,582
40	29	97 360	48 641,332	1 340 216,133	27,553	27,092
41	30	97 213	47 732,317	1 291 574,802	27,059	26,598
42	31	97 055	46 835,322	1 243 842,485	26,558	26,097
43	32	96 880	45 946,544	1 197 007,163	26,052	25,591
44	33	96 687	45 066,713	1 151 060,620	25,541	25,080
45	34	96 480	44 196,339	1 105 993,907	25,025	24,563
46	35	96 245	43 330,456	1 061 797,567	24,505	24,043
47	36	95 996	42 475,073	1 018 467,111	23,978	23,517
48	37	95 712	41 621,255	975 992,038	23,449	22,988
49	38	95 402	40 772,724	934 370,783	22,917	22,455
50	39	95 046	39 921,978	893 598,060	22,384	21,922
51	40	94 655	39 074,049	853 676,082	21,848	21,386
52	41	94 226	38 227,782	814 602,032	21,309	20,848
53	42	93 737	37 375,506	776 374,251	20,772	20,311
54	43	93 192	36 519,195	738 998,744	20,236	19,775
55	44	92 589	35 658,918	702 479,549	19,700	19,239
56	45	91 926	34 794,621	666 820,631	19,164	18,703
57	46	91 197	33 924,849	632 026,010	18,630	18,169
58	47	90 394	33 047,953	598 101,161	18,098	17,637
59	48	89 503	32 159,249	565 053,208	17,570	17,109
60	49	88 533	31 263,683	532 893,959	17,045	16,584
61	50	87 485	30 362,358	501 630,276	16,521	16,060
62	51	86 353	29 454,107	471 267,918	16,000	15,539
63	52	85 118	28 533,323	441 813,811	15,484	15,023
64	53	83 799	27 608,164	413 280,488	14,970	14,508
65	54	82 377	26 672,851	385 672,323	14,459	13,998
66	55	80 867	25 733,592	358 999,472	13,951	13,489
67	56	79 282	24 795,171	333 265,880	13,441	12,980
68	57	77 577	23 844,601	308 470,710	12,937	12,476
69	58	75 822	22 904,391	284 626,108	12,427	11,966
70	59	73 930	21 948,721	261 721,718	11,924	11,463
71	60	71 924	20 986,081	239 772,997	11,425	10,964
72	61	69 792	20 013,593	218 786,916	10,932	10,471
73	62	67 586	19 047,874	198 773,323	10,435	9,974
74	63	65 275	18 080,018	179 725,449	9,941	9,479
75	64	62 840	17 106,273	161 645,431	9,449	8,988
76	65	60 259	16 121,563	144 539,158	8,966	8,504
77	66	57 526	15 125,707	128 417,595	8,490	8,029
78	67	54 671	14 127,781	113 291,889	8,019	7,558
79	68	51 638	13 114,350	99 164,108	7,561	7,100
80	69	48 438	12 090,228	86 049,758	7,117	6,656
81	70	45 091	11 061,188	73 959,529	6,686	6,225
82	71	41 578	10 024,031	62 898,341	6,275	5,814
83	72	37 954	8 992,954	52 874,310	5,880	5,418
84	73	34 235	7 972,224	43 881,355	5,504	5,043
85	74	30 492	6 978,498	35 909,131	5,146	4,684
86	75	26 748	6 016,369	28 930,633	4,809	4,347
87	76	23 089	5 104,009	22 914,264	4,489	4,028
88	77	19 582	4 254,197	17 810,255	4,187	3,725
89	78	16 284	3 477,035	13 556,058	3,899	3,438
90	79	13 256	2 781,698	10 079,023	3,623	3,162
91	80	10 518	2 169,132	7 297,325	3,364	2,903
92	81	8 067	1 635,028	5 128,193	3,136	2,675
93	82	5 982	1 191,660	3 493,165	2,931	2,470
94	83	4 296	841,012	2 301,505	2,737	2,275
95	84	2 940	565,609	1 460,493	2,582	2,121
96	85	1 958	370,254	894,884	2,417	1,956
97	86	1 242	230,817	524,630	2,273	1,812
98	87	749	136,817	293,813	2,147	1,686
99	88	430	77,157	156,996	2,035	1,574
100	89	234	41,299	79,838	1,933	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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7						
8						
9						
10						
11						
12	0	99 518	80 814,000	3 136 343,781	38,809	38,348
13	1	99 205	79 174,529	3 055 529,781	38,592	38,131
14	2	99 172	77 787,387	2 976 355,252	38,263	37,801
15	3	99 149	76 431,184	2 898 567,865	37,924	37,463
16	4	99 122	75 096,405	2 822 136,681	37,580	37,119
17	5	99 087	73 779,102	2 747 040,276	37,233	36,772
18	6	99 051	72 483,477	2 673 261,174	36,881	36,420
19	7	99 006	71 204,836	2 600 777,698	36,525	36,064
20	8	98 960	69 947,514	2 529 572,862	36,164	35,703
21	9	98 909	68 709,245	2 459 625,348	35,798	35,336
22	10	98 859	67 492,948	2 390 916,103	35,425	34,963
23	11	98 808	66 298,290	2 323 423,155	35,045	34,584
24	12	98 756	65 123,252	2 257 124,865	34,659	34,198
25	13	98 700	63 967,196	2 192 001,613	34,268	33,806
26	14	98 644	62 831,389	2 128 034,417	33,869	33,408
27	15	98 587	61 715,015	2 065 203,028	33,464	33,002
28	16	98 523	60 613,987	2 003 488,013	33,053	32,592
29	17	98 458	59 532,400	1 942 874,027	32,636	32,174
30	18	98 387	58 466,438	1 883 341,627	32,212	31,751
31	19	98 311	57 416,074	1 824 875,189	31,783	31,322
32	20	98 224	56 378,847	1 767 459,116	31,350	30,888
33	21	98 137	55 360,117	1 711 080,269	30,908	30,447
34	22	98 051	54 360,343	1 655 720,152	30,458	29,997
35	23	97 955	53 373,139	1 601 359,808	30,003	29,542
36	24	97 847	52 397,235	1 547 986,669	29,543	29,082
37	25	97 744	51 441,638	1 495 589,434	29,074	28,612
38	26	97 634	50 500,104	1 444 147,796	28,597	28,136
39	27	97 512	49 569,817	1 393 647,692	28,115	27,654
40	28	97 385	48 653,465	1 344 077,876	27,626	27,164
41	29	97 238	47 744,672	1 295 424,410	27,132	26,671
42	30	97 084	46 849,233	1 247 679,738	26,632	26,171
43	31	96 911	45 961,214	1 200 830,505	26,127	25,666
44	32	96 721	45 082,358	1 154 869,291	25,617	25,156
45	33	96 514	44 212,081	1 109 786,932	25,101	24,640
46	34	96 282	43 347,410	1 065 574,851	24,582	24,121
47	35	96 034	42 492,175	1 022 227,441	24,057	23,596
48	36	95 757	41 640,778	979 735,266	23,528	23,067
49	37	95 446	40 791,497	938 094,488	22,997	22,536
50	38	95 102	39 945,373	897 302,991	22,463	22,002
51	39	94 711	39 097,340	857 357,619	21,929	21,468
52	40	94 290	38 253,744	818 260,279	21,390	20,929
53	41	93 809	37 404,040	780 006,534	20,854	20,392
54	42	93 270	36 549,524	742 602,494	20,318	19,857
55	43	92 673	35 691,038	706 052,970	19,782	19,321
56	44	92 020	34 830,149	670 361,932	19,247	18,785
57	45	91 298	33 962,614	635 531,783	18,713	18,251
58	46	90 509	33 089,968	601 569,169	18,180	17,719
59	47	89 631	32 205,417	568 479,201	17,652	17,190
60	48	88 675	31 313,772	536 273,784	17,126	16,665
61	49	87 644	30 417,457	504 960,012	16,601	16,140
62	50	86 524	29 512,266	474 542,554	16,080	15,618
63	51	85 306	28 596,487	445 030,289	15,562	15,101
64	52	84 006	27 676,117	416 433,802	15,047	14,585
65	53	82 603	26 745,952	388 757,685	14,535	14,074
66	54	81 111	25 811,274	362 011,733	14,025	13,564
67	55	79 545	24 877,600	336 200,459	13,514	13,053
68	56	77 858	23 931,206	311 322,859	13,009	12,548
69	57	76 126	22 996,198	287 391,653	12,497	12,036
70	58	74 257	22 045,956	264 395,455	11,993	11,532
71	59	72 273	21 087,936	242 349,499	11,492	11,031
72	60	70 170	20 122,072	221 261,563	10,996	10,535
73	61	67 967	19 155,049	201 139,492	10,501	10,039
74	62	65 674	18 190,555	181 984,443	10,004	9,543
75	63	63 257	17 219,654	163 793,888	9,512	9,051
76	64	60 701	16 239,909	146 574,234	9,026	8,564
77	65	57 991	15 247,875	130 334,325	8,548	8,086
78	66	55 153	14 252,281	115 086,450	8,075	7,614
79	67	52 143	13 242,730	100 834,170	7,614	7,153
80	68	48 938	12 215,002	87 591,439	7,171	6,710
81	69	45 600	11 186,162	75 376,437	6,738	6,277
82	70	42 091	10 147,666	64 190,275	6,326	5,864
83	71	38 469	9 115,007	54 042,609	5,929	5,468
84	72	34 736	8 088,778	44 927,602	5,554	5,093
85	73	30 972	7 088,244	36 838,824	5,197	4,736
86	74	27 214	6 121,091	29 750,580	4,860	4,399
87	75	23 538	5 203,222	23 629,489	4,541	4,080
88	76	20 018	4 349,122	18 426,267	4,237	3,776
89	77	16 693	3 564,186	14 077,145	3,950	3,488
90	78	13 639	2 862,124	10 512,960	3,673	3,212
91	79	10 876	2 242,979	7 650,835	3,411	2,950
92	80	8 389	1 700,334	5 407,857	3,180	2,719
93	81	6 258	1 246,587	3 707,522	2,974	2,513
94	82	4 523	885,595	2 460,935	2,779	2,318
95	83	3 121	600,486	1 575,340	2,623	2,162
96	84	2 099	396,937	974,854	2,456	1,995
97	85	1 346	250,132	577,917	2,310	1,849
98	86	822	150,168	327,785	2,183	1,722
99	87	478	85,844	177,617	2,069	1,608
100	88	264	46,657	91,773	1,967	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	79 417,855	3 059 516,156	38,524	38,063
14	1	99 195	77 805,364	2 980 098,301	38,302	37,841
15	2	99 160	76 440,287	2 902 292,937	37,968	37,507
16	3	99 134	75 105,353	2 825 852,650	37,625	37,164
17	4	99 096	73 785,811	2 750 747,297	37,280	36,819
18	5	99 058	72 488,913	2 676 961,486	36,929	36,468
19	6	99 013	71 209,524	2 604 472,573	36,575	36,114
20	7	98 965	69 950,962	2 533 263,050	36,215	35,754
21	8	98 916	68 713,499	2 463 312,088	35,849	35,388
22	9	98 865	67 497,315	2 394 598,588	35,477	35,016
23	10	98 814	66 302,219	2 327 101,273	35,098	34,637
24	11	98 763	65 128,103	2 260 799,055	34,713	34,252
25	12	98 708	63 972,257	2 195 670,952	34,322	33,861
26	13	98 653	62 836,775	2 131 698,695	33,924	33,463
27	14	98 597	61 721,492	2 068 861,920	33,519	33,058
28	15	98 535	60 621,571	2 007 140,428	33,109	32,648
29	16	98 472	59 540,801	1 946 518,857	32,692	32,231
30	17	98 402	58 474,999	1 886 978,056	32,270	31,809
31	18	98 331	57 427,768	1 828 503,057	31,840	31,379
32	19	98 243	56 389,731	1 771 075,288	31,408	30,947
33	20	98 155	55 370,370	1 714 685,557	30,968	30,506
34	21	98 067	54 369,345	1 659 315,187	30,519	30,058
35	22	97 972	53 382,377	1 604 945,842	30,065	29,604
36	23	97 868	52 408,607	1 551 563,465	29,605	29,144
37	24	97 760	51 450,363	1 499 154,859	29,138	28,677
38	25	97 652	50 509,522	1 447 704,496	28,662	28,201
39	26	97 531	49 579,463	1 397 194,974	28,181	27,720
40	27	97 406	48 664,095	1 347 615,511	27,692	27,231
41	28	97 262	47 756,582	1 298 951,416	27,199	26,738
42	29	97 109	46 861,360	1 251 194,834	26,700	26,239
43	30	96 939	45 974,866	1 204 333,474	26,195	25,734
44	31	96 752	45 096,753	1 158 358,608	25,686	25,225
45	32	96 547	44 227,430	1 113 261,855	25,171	24,710
46	33	96 317	43 362,849	1 069 034,425	24,653	24,192
47	34	96 072	42 508,801	1 025 671,575	24,128	23,667
48	35	95 796	41 657,544	983 162,774	23,601	23,140
49	36	95 490	40 810,631	941 505,230	23,070	22,609
50	37	95 145	39 963,765	900 694,599	22,538	22,077
51	38	94 767	39 120,251	860 730,834	22,002	21,541
52	39	94 346	38 276,546	821 610,583	21,465	21,004
53	40	93 872	37 429,444	783 334,037	20,928	20,467
54	41	93 341	36 577,428	745 904,594	20,392	19,931
55	42	92 750	35 720,679	709 327,166	19,858	19,396
56	43	92 103	34 861,522	673 606,487	19,322	18,861
57	44	91 392	33 997,293	638 744,965	18,788	18,327
58	45	90 610	33 126,804	604 747,672	18,256	17,794
59	46	89 745	32 246,361	571 620,868	17,727	17,265
60	47	88 802	31 358,726	539 374,507	17,200	16,739
61	48	87 784	30 466,191	508 015,781	16,675	16,214
62	49	86 681	29 565,823	477 549,591	16,152	15,691
63	50	85 475	28 652,952	447 983,768	15,635	15,174
64	51	84 191	27 737,383	419 330,816	15,118	14,657
65	52	82 806	26 811,783	391 593,433	14,605	14,144
66	53	81 334	25 882,013	364 781,650	14,094	13,633
67	54	79 785	24 952,699	338 899,637	13,582	13,120
68	55	78 117	24 010,763	313 946,938	13,075	12,614
69	56	76 402	23 079,721	289 936,176	12,562	12,101
70	57	74 555	22 134,322	266 856,455	12,056	11,595
71	58	72 593	21 181,357	244 722,133	11,554	11,092
72	59	70 510	20 219,733	223 540,775	11,056	10,594
73	60	68 335	19 258,874	203 321,042	10,557	10,096
74	61	66 043	18 292,906	184 062,168	10,062	9,601
75	62	63 643	17 324,931	165 769,263	9,568	9,107
76	63	61 104	16 347,548	148 444,331	9,081	8,619
77	64	58 417	15 359,807	132 096,784	8,600	8,139
78	65	55 598	14 367,395	116 736,976	8,125	7,664
79	66	52 603	13 359,431	102 369,582	7,663	7,202
80	67	49 417	12 334,578	89 010,151	7,216	6,755
81	68	46 071	11 301,606	76 675,573	6,784	6,323
82	69	42 566	10 262,318	65 373,967	6,370	5,909
83	70	38 944	9 227,430	55 111,649	5,973	5,511
84	71	35 207	8 198,560	45 884,219	5,597	5,135
85	72	31 424	7 191,874	37 685,659	5,240	4,779
86	73	27 642	6 217,352	30 493,785	4,905	4,443
87	74	23 948	5 293,790	24 276,432	4,586	4,125
88	75	20 408	4 433,661	18 982,642	4,281	3,820
89	76	17 065	3 643,714	14 548,981	3,993	3,532
90	77	13 981	2 933,863	10 905,268	3,717	3,256
91	78	11 190	2 307,829	7 971,405	3,454	2,993
92	79	8 674	1 758,221	5 663,576	3,221	2,760
93	80	6 508	1 296,379	3 905,355	3,013	2,551
94	81	4 732	926,415	2 608,976	2,816	2,355
95	82	3 286	632,318	1 682,561	2,661	2,200
96	83	2 228	421,413	1 050,244	2,492	2,031
97	84	1 443	268,158	628,830	2,345	1,884
98	85	891	162,735	360,672	2,216	1,755
99	86	525	94,221	197,937	2,101	1,640
100	87	294	51,910	103,716	1,998	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13						
14	0	99 500	78 044,481	2 983 770,081	38,232	37,770
15	1	99 183	76 457,953	2 905 725,599	38,004	37,543
16	2	99 146	75 114,297	2 829 267,646	37,666	37,205
17	3	99 108	73 794,603	2 754 153,349	37,322	36,861
18	4	99 067	72 495,505	2 680 358,746	36,973	36,512
19	5	99 020	71 214,864	2 607 863,241	36,620	36,158
20	6	98 972	69 955,567	2 536 648,377	36,261	35,800
21	7	98 920	68 716,887	2 466 692,810	35,896	35,435
22	8	98 871	67 501,494	2 397 975,923	35,525	35,064
23	9	98 821	66 306,509	2 330 474,429	35,147	34,686
24	10	98 769	65 131,962	2 264 167,920	34,763	34,302
25	11	98 715	63 977,022	2 199 035,957	34,372	33,911
26	12	98 660	62 841,747	2 135 058,935	33,975	33,514
27	13	98 606	61 726,783	2 072 217,188	33,571	33,110
28	14	98 545	60 627,933	2 010 490,405	33,161	32,700
29	15	98 484	59 548,251	1 949 862,473	32,744	32,283
30	16	98 416	58 483,251	1 890 314,222	32,322	31,861
31	17	98 345	57 436,178	1 831 830,971	31,893	31,432
32	18	98 263	56 401,217	1 774 394,793	31,460	30,999
33	19	98 174	55 381,060	1 717 993,576	31,021	30,560
34	20	98 085	54 379,414	1 662 612,516	30,574	30,113
35	21	97 988	53 391,216	1 608 233,102	30,122	29,660
36	22	97 885	52 417,677	1 554 841,886	29,663	29,201
37	23	97 781	51 461,529	1 502 424,208	29,195	28,734
38	24	97 669	50 518,088	1 450 962,679	28,722	28,260
39	25	97 550	49 588,710	1 400 444,591	28,241	27,780
40	26	97 425	48 673,566	1 350 855,881	27,753	27,292
41	27	97 284	47 767,016	1 302 182,316	27,261	26,800
42	28	97 133	46 873,049	1 254 415,300	26,762	26,301
43	29	96 965	45 986,766	1 207 542,250	26,258	25,797
44	30	96 781	45 110,148	1 161 555,484	25,749	25,288
45	31	96 578	44 241,552	1 116 445,336	25,235	24,774
46	32	96 350	43 377,904	1 072 203,784	24,718	24,257
47	33	96 106	42 523,942	1 028 825,881	24,194	23,733
48	34	95 833	41 673,844	986 301,939	23,667	23,206
49	35	95 529	40 827,063	944 628,095	23,137	22,676
50	36	95 190	39 982,511	903 801,032	22,605	22,144
51	37	94 811	39 138,263	863 818,522	22,071	21,610
52	38	94 401	38 298,976	824 680,259	21,533	21,071
53	39	93 928	37 451,754	786 381,282	20,997	20,536
54	40	93 404	36 602,269	748 929,529	20,461	20,000
55	41	92 821	35 747,950	712 327,259	19,926	19,465
56	42	92 179	34 890,475	676 579,309	19,392	18,930
57	43	91 474	34 027,915	641 688,835	18,858	18,397
58	44	90 702	33 160,629	607 660,919	18,325	17,864
59	45	89 845	32 282,258	574 500,290	17,796	17,335
60	46	88 915	31 398,593	542 218,032	17,269	16,808
61	47	87 910	30 509,928	510 819,439	16,743	16,282
62	48	86 820	29 613,191	480 309,511	16,219	15,758
63	49	85 630	28 704,949	450 696,320	15,701	15,240
64	50	84 358	27 792,152	421 991,370	15,184	14,723
65	51	82 990	26 871,135	394 199,218	14,670	14,209
66	52	81 534	25 945,718	367 328,083	14,158	13,696
67	53	80 004	25 021,085	341 382,365	13,644	13,183
68	54	78 353	24 083,244	316 361,280	13,136	12,675
69	55	76 656	23 156,447	292 278,036	12,622	12,161
70	56	74 826	22 214,715	269 121,588	12,115	11,653
71	57	72 884	21 266,258	246 906,874	11,610	11,149
72	58	70 823	20 309,308	225 640,616	11,110	10,649
73	59	68 667	19 352,346	205 331,307	10,610	10,149
74	60	66 401	18 392,058	185 978,962	10,112	9,651
75	61	64 001	17 422,412	167 586,904	9,619	9,158
76	62	61 477	16 447,493	150 164,492	9,130	8,669
77	63	58 804	15 461,613	133 716,999	8,648	8,187
78	64	56 007	14 472,863	118 255,386	8,171	7,710
79	65	53 027	13 467,333	103 782,523	7,706	7,245
80	66	49 853	12 443,276	90 315,190	7,258	6,797
81	67	46 522	11 412,241	77 871,914	6,824	6,362
82	68	43 006	10 368,228	66 459,673	6,410	5,949
83	69	39 384	9 331,685	56 091,446	6,011	5,550
84	70	35 641	8 299,679	46 759,761	5,634	5,173
85	71	31 851	7 289,483	38 460,081	5,276	4,815
86	72	28 046	6 308,250	31 170,599	4,941	4,480
87	73	24 324	5 377,042	24 862,349	4,624	4,163
88	74	20 763	4 510,834	19 485,307	4,320	3,858
89	75	17 397	3 714,541	14 974,473	4,031	3,570
90	76	14 293	2 999,326	11 259,932	3,754	3,293
91	77	11 471	2 365,674	8 260,606	3,492	3,031
92	78	8 925	1 809,056	5 894,931	3,259	2,797
93	79	6 729	1 340,513	4 085,876	3,048	2,587
94	80	4 921	963,418	2 745,363	2,850	2,388
95	81	3 438	661,464	1 781,945	2,694	2,233
96	82	2 347	443,753	1 120,482	2,525	2,064
97	83	1 532	284,694	676,729	2,377	1,916
98	84	955	174,463	392,035	2,247	1,786
99	85	569	102,106	217,573	2,131	1,670
100	86	323	56,975	115,467	2,027	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	76 692,929	2 909 108,802	37,932	37,471
16	1	99 168	75 131,657	2 832 415,873	37,699	37,238
17	2	99 120	73 803,391	2 757 284,216	37,360	36,899
18	3	99 079	72 504,143	2 683 480,824	37,011	36,550
19	4	99 029	71 221,340	2 610 976,681	36,660	36,199
20	5	98 979	69 960,814	2 539 755,341	36,303	35,841
21	6	98 927	68 721,411	2 469 794,527	35,939	35,478
22	7	98 876	67 504,822	2 401 073,117	35,569	35,108
23	8	98 827	66 310,614	2 333 568,295	35,191	34,730
24	9	98 775	65 136,177	2 267 257,680	34,808	34,347
25	10	98 721	63 980,813	2 202 121,503	34,418	33,957
26	11	98 668	62 846,428	2 138 140,690	34,022	33,560
27	12	98 614	61 731,667	2 075 294,262	33,618	33,157
28	13	98 554	60 633,130	2 013 562,595	33,209	32,748
29	14	98 495	59 554,500	1 952 929,465	32,792	32,331
30	15	98 428	58 490,569	1 893 374,965	32,371	31,909
31	16	98 359	57 444,283	1 834 884,396	31,942	31,481
32	17	98 277	56 409,476	1 777 440,113	31,510	31,048
33	18	98 194	55 392,340	1 721 030,636	31,070	30,609
34	19	98 104	54 389,913	1 665 638,296	30,624	30,163
35	20	98 006	53 401,104	1 611 248,384	30,173	29,711
36	21	97 901	52 426,357	1 557 847,279	29,715	29,254
37	22	97 798	51 470,436	1 505 420,922	29,248	28,787
38	23	97 690	50 529,052	1 453 950,486	28,775	28,313
39	24	97 566	49 597,120	1 403 421,434	28,296	27,835
40	25	97 443	48 682,643	1 353 824,314	27,809	27,348
41	26	97 302	47 776,312	1 305 141,671	27,318	26,857
42	27	97 155	46 883,290	1 257 365,359	26,819	26,358
43	28	96 989	45 998,238	1 210 482,069	26,316	25,855
44	29	96 806	45 121,824	1 164 483,831	25,808	25,346
45	30	96 607	44 254,692	1 119 362,007	25,294	24,832
46	31	96 381	43 391,754	1 075 107,314	24,777	24,316
47	32	96 140	42 538,705	1 031 715,560	24,254	23,792
48	33	95 867	41 688,687	989 176,855	23,728	23,267
49	34	95 566	40 843,037	947 488,169	23,198	22,737
50	35	95 228	39 998,609	906 645,132	22,667	22,206
51	36	94 855	39 156,622	866 646,522	22,133	21,672
52	37	94 445	38 316,610	827 489,900	21,596	21,135
53	38	93 983	37 473,701	789 173,290	21,059	20,598
54	39	93 460	36 624,087	751 699,589	20,525	20,064
55	40	92 884	35 772,229	715 075,503	19,990	19,528
56	41	92 250	34 917,111	679 303,274	19,455	18,994
57	42	91 550	34 056,176	644 386,163	18,921	18,460
58	43	90 784	33 190,498	610 329,987	18,389	17,927
59	44	89 937	32 315,221	577 139,489	17,860	17,398
60	45	89 014	31 433,546	544 824,269	17,333	16,871
61	46	88 022	30 548,716	513 390,722	16,806	16,344
62	47	86 945	29 655,704	482 842,006	16,282	15,820
63	48	85 767	28 750,939	453 186,302	15,762	15,301
64	49	84 511	27 842,588	424 435,363	15,244	14,783
65	50	83 153	26 924,194	396 592,775	14,730	14,269
66	51	81 714	26 003,153	369 668,582	14,216	13,755
67	52	80 201	25 082,670	343 665,428	13,701	13,240
68	53	78 568	24 149,248	318 582,758	13,192	12,731
69	54	76 888	23 226,350	294 433,511	12,677	12,215
70	55	75 074	22 288,565	271 207,160	12,168	11,707
71	56	73 149	21 343,498	248 918,595	11,663	11,201
72	57	71 107	20 390,714	227 575,097	11,161	10,700
73	58	68 971	19 438,078	207 184,383	10,659	10,197
74	59	66 724	18 481,323	187 746,305	10,159	9,698
75	60	64 348	17 516,845	169 264,983	9,663	9,202
76	61	61 823	16 540,036	151 748,137	9,175	8,713
77	62	59 163	15 556,142	135 208,101	8,692	8,230
78	63	56 378	14 568,790	119 651,959	8,213	7,752
79	64	53 417	13 566,195	105 083,168	7,746	7,285
80	65	50 255	12 543,778	91 516,974	7,296	6,835
81	66	46 932	11 512,810	78 973,195	6,860	6,398
82	67	43 427	10 469,725	67 460,385	6,443	5,982
83	68	39 790	9 427,990	56 990,660	6,045	5,584
84	69	36 044	8 393,452	47 562,670	5,667	5,205
85	70	32 244	7 379,390	39 169,218	5,308	4,847
86	71	28 427	6 393,866	31 789,828	4,972	4,511
87	72	24 680	5 455,654	25 395,961	4,655	4,194
88	73	21 089	4 581,772	19 940,307	4,352	3,891
89	74	17 700	3 779,197	15 358,535	4,064	3,603
90	75	14 571	3 057,628	11 579,338	3,787	3,326
91	76	11 727	2 418,460	8 521,710	3,524	3,062
92	77	9 149	1 854,399	6 103,251	3,291	2,830
93	78	6 924	1 379,271	4 248,851	3,081	2,619
94	79	5 088	996,216	2 869,581	2,880	2,419
95	80	3 575	687,884	1 873,364	2,723	2,262
96	81	2 455	464,207	1 185,480	2,554	2,093
97	82	1 613	299,785	721,274	2,406	1,945
98	83	1 014	185,221	421,488	2,276	1,814
99	84	610	109,464	236,268	2,158	1,697
100	85	350	61,743	126,804	2,054	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	75 362,557	2 835 534,299	37,625	37,164
17	1	99 143	73 820,448	2 760 171,741	37,390	36,929
18	2	99 091	72 512,778	2 686 351,293	37,047	36,585
19	3	99 041	71 229,827	2 613 838,516	36,696	36,235
20	4	98 988	69 967,176	2 542 608,689	36,340	35,879
21	5	98 934	68 726,565	2 472 641,513	35,978	35,517
22	6	98 883	67 509,266	2 403 914,949	35,609	35,147
23	7	98 832	66 313,883	2 336 405,683	35,233	34,771
24	8	98 781	65 140,210	2 270 091,799	34,849	34,388
25	9	98 728	63 984,953	2 204 951,589	34,460	33,999
26	10	98 674	62 850,152	2 140 966,636	34,065	33,603
27	11	98 621	61 736,265	2 078 116,484	33,661	33,200
28	12	98 562	60 637,928	2 016 380,218	33,253	32,792
29	13	98 503	59 559,606	1 955 742,291	32,837	32,376
30	14	98 438	58 496,707	1 896 182,685	32,415	31,954
31	15	98 371	57 451,471	1 837 685,978	31,987	31,526
32	16	98 291	56 417,437	1 780 234,507	31,555	31,093
33	17	98 209	55 400,452	1 723 817,070	31,116	30,654
34	18	98 124	54 400,991	1 668 416,618	30,669	30,208
35	19	98 025	53 411,414	1 614 015,628	30,219	29,757
36	20	97 919	52 436,067	1 560 604,214	29,762	29,301
37	21	97 814	51 478,958	1 508 168,147	29,297	28,836
38	22	97 707	50 537,798	1 456 689,189	28,824	28,363
39	23	97 587	49 607,884	1 406 151,391	28,345	27,884
40	24	97 460	48 690,900	1 356 543,507	27,860	27,399
41	25	97 321	47 785,222	1 307 852,607	27,369	26,908
42	26	97 174	46 892,414	1 260 067,385	26,871	26,410
43	27	97 010	46 008,288	1 213 174,971	26,369	25,907
44	28	96 830	45 133,080	1 167 166,684	25,861	25,399
45	29	96 632	44 266,148	1 122 033,603	25,347	24,886
46	30	96 409	43 404,642	1 077 767,456	24,831	24,369
47	31	96 170	42 552,287	1 034 362,813	24,308	23,847
48	32	95 901	41 703,160	991 810,526	23,783	23,321
49	33	95 600	40 857,585	950 107,366	23,254	22,793
50	34	95 266	40 014,260	909 249,782	22,723	22,262
51	35	94 893	39 172,388	869 235,522	22,190	21,729
52	36	94 489	38 334,583	830 063,135	21,653	21,192
53	37	94 027	37 490,955	791 728,551	21,118	20,657
54	38	93 515	36 645,548	754 237,596	20,582	20,121
55	39	92 939	35 793,551	717 592,048	20,048	19,587
56	40	92 313	34 940,826	681 798,497	19,513	19,052
57	41	91 620	34 082,175	646 857,671	18,979	18,518
58	42	90 860	33 218,063	612 775,496	18,447	17,986
59	43	90 018	32 344,328	579 557,433	17,918	17,457
60	44	89 105	31 465,642	547 213,105	17,391	16,930
61	45	88 120	30 582,723	515 747,462	16,864	16,403
62	46	87 055	29 693,407	485 164,739	16,339	15,878
63	47	85 890	28 792,214	455 471,332	15,819	15,358
64	48	84 646	27 887,195	426 679,119	15,300	14,839
65	49	83 304	26 973,054	398 791,923	14,785	14,324
66	50	81 876	26 054,498	371 818,869	14,271	13,810
67	51	80 379	25 138,195	345 764,371	13,755	13,293
68	52	78 761	24 208,687	320 626,176	13,244	12,783
69	53	77 098	23 290,005	296 417,489	12,727	12,266
70	54	75 301	22 355,848	273 127,484	12,217	11,756
71	55	73 392	21 414,452	250 771,636	11,710	11,249
72	56	71 365	20 464,773	229 357,183	11,207	10,746
73	57	69 247	19 515,992	208 892,410	10,704	10,242
74	58	67 019	18 563,197	189 376,418	10,202	9,741
75	59	64 661	17 601,862	170 813,222	9,704	9,243
76	60	62 158	16 629,687	153 211,359	9,213	8,752
77	61	59 496	15 643,670	136 581,672	8,731	8,270
78	62	56 722	14 657,861	120 938,002	8,251	7,790
79	63	53 771	13 656,112	106 280,141	7,783	7,321
80	64	50 624	12 635,860	92 624,029	7,330	6,869
81	65	47 311	11 605,797	79 988,169	6,892	6,431
82	66	43 809	10 561,989	68 382,371	6,474	6,013
83	67	40 180	9 520,284	57 820,382	6,073	5,612
84	68	36 416	8 480,074	48 300,099	5,696	5,235
85	69	32 608	7 462,765	39 820,024	5,336	4,875
86	70	28 777	6 472,727	32 357,259	4,999	4,538
87	71	25 015	5 529,699	25 884,532	4,681	4,220
88	72	21 398	4 648,758	20 354,833	4,379	3,917
89	73	17 978	3 838,630	15 706,076	4,092	3,630
90	74	14 824	3 110,849	11 867,446	3,815	3,354
91	75	11 955	2 465,470	8 756,597	3,552	3,090
92	76	9 353	1 895,777	6 291,126	3,318	2,857
93	77	7 097	1 413,842	4 395,350	3,109	2,648
94	78	5 236	1 025,020	2 981,508	2,909	2,448
95	79	3 697	711,302	1 956,488	2,751	2,289
96	80	2 553	482,748	1 245,186	2,579	2,118
97	81	1 687	313,603	762,438	2,431	1,970
98	82	1 068	195,039	448,835	2,301	1,840
99	83	647	116,214	253,795	2,184	1,723
100	84	375	66,192	137,582	2,079	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	74 047,319	2 763 047,084	37,315	36,853
18	1	99 114	72 529,536	2 688 999,766	37,075	36,613
19	2	99 053	71 238,310	2 616 470,230	36,728	36,267
20	3	99 000	69 975,513	2 545 231,920	36,373	35,912
21	4	98 943	68 732,815	2 475 256,407	36,013	35,552
22	5	98 890	67 514,329	2 406 523,593	35,645	35,183
23	6	98 838	66 318,249	2 339 009,264	35,269	34,808
24	7	98 786	65 143,421	2 272 691,015	34,887	34,426
25	8	98 734	63 988,915	2 207 547,593	34,499	34,038
26	9	98 680	62 854,219	2 143 558,678	34,104	33,642
27	10	98 627	61 739,924	2 080 704,459	33,701	33,240
28	11	98 569	60 642,444	2 018 964,536	33,293	32,832
29	12	98 511	59 564,318	1 958 322,091	32,877	32,416
30	13	98 447	58 501,722	1 898 757,773	32,456	31,995
31	14	98 382	57 457,500	1 840 256,051	32,028	31,567
32	15	98 304	56 424,496	1 782 798,551	31,596	31,135
33	16	98 222	55 408,270	1 726 374,055	31,157	30,696
34	17	98 139	54 408,957	1 670 965,785	30,711	30,250
35	18	98 045	53 422,293	1 616 556,828	30,260	29,799
36	19	97 938	52 446,190	1 563 134,535	29,805	29,343
37	20	97 833	51 488,492	1 510 688,345	29,340	28,879
38	21	97 723	50 546,166	1 459 199,853	28,869	28,407
39	22	97 604	49 616,470	1 408 653,687	28,391	27,930
40	23	97 481	48 701,467	1 359 037,217	27,905	27,444
41	24	97 337	47 793,326	1 310 335,750	27,417	26,956
42	25	97 192	46 901,159	1 262 542,423	26,919	26,458
43	26	97 029	46 017,241	1 215 641,264	26,417	25,956
44	27	96 851	45 142,941	1 169 624,023	25,909	25,448
45	28	96 656	44 277,190	1 124 481,082	25,396	24,935
46	29	96 434	43 415,878	1 080 203,892	24,880	24,419
47	30	96 199	42 564,926	1 036 788,014	24,358	23,897
48	31	95 931	41 716,475	994 223,088	23,833	23,372
49	32	95 633	40 871,769	952 506,613	23,305	22,844
50	33	95 299	40 028,512	911 634,844	22,775	22,313
51	34	94 930	39 187,715	871 606,332	22,242	21,781
52	35	94 527	38 350,019	832 418,617	21,706	21,245
53	36	94 071	37 508,541	794 068,599	21,170	20,709
54	37	93 558	36 662,421	756 560,058	20,636	20,175
55	38	92 993	35 814,526	719 897,637	20,101	19,640
56	39	92 368	34 961,652	684 083,111	19,567	19,105
57	40	91 682	34 105,323	649 121,458	19,033	18,572
58	41	90 929	33 243,423	615 016,136	18,500	18,039
59	42	90 093	32 371,190	581 772,713	17,972	17,511
60	43	89 185	31 493,985	549 401,522	17,445	16,983
61	44	88 210	30 613,951	517 907,537	16,917	16,456
62	45	87 152	29 726,461	487 293,587	16,393	15,931
63	46	85 999	28 828,819	457 567,126	15,872	15,411
64	47	84 768	27 927,230	428 738,307	15,352	14,891
65	48	83 438	27 016,269	400 811,077	14,836	14,375
66	49	82 024	26 101,780	373 794,808	14,321	13,859
67	50	80 537	25 187,832	347 693,028	13,804	13,343
68	51	78 935	24 262,277	322 505,197	13,292	12,831
69	52	77 288	23 347,330	298 242,919	12,774	12,313
70	53	75 507	22 417,117	274 895,590	12,263	11,802
71	54	73 614	21 479,097	252 478,472	11,755	11,293
72	55	71 602	20 532,807	230 999,375	11,250	10,789
73	56	69 499	19 586,874	210 466,569	10,745	10,284
74	57	67 288	18 637,603	190 879,695	10,242	9,780
75	58	64 947	17 679,840	172 242,091	9,742	9,281
76	59	62 460	16 710,399	154 562,251	9,249	8,788
77	60	59 819	15 728,463	137 851,853	8,764	8,303
78	61	57 042	14 740,335	122 123,390	8,285	7,824
79	62	54 099	13 739,603	107 383,055	7,816	7,354
80	63	50 960	12 719,612	93 643,453	7,362	6,901
81	64	47 658	11 690,994	80 923,841	6,922	6,461
82	65	44 163	10 647,297	69 232,847	6,502	6,041
83	66	40 534	9 604,180	58 585,551	6,100	5,639
84	67	36 772	8 563,088	48 981,370	5,720	5,259
85	68	32 945	7 539,783	40 418,282	5,361	4,899
86	69	29 102	6 545,858	32 878,499	5,023	4,562
87	70	25 323	5 597,901	26 332,641	4,704	4,243
88	71	21 688	4 711,851	20 734,740	4,401	3,939
89	72	18 241	3 894,750	16 022,889	4,114	3,653
90	73	15 058	3 159,771	12 128,139	3,838	3,377
91	74	12 163	2 508,385	8 968,367	3,575	3,114
92	75	9 535	1 932,627	6 459,982	3,343	2,881
93	76	7 256	1 445,389	4 527,355	3,132	2,671
94	77	5 367	1 050,712	3 081,966	2,933	2,472
95	78	3 804	731,868	2 031,255	2,775	2,314
96	79	2 640	499,183	1 299,387	2,603	2,142
97	80	1 755	326,129	800,204	2,454	1,992
98	81	1 117	204,029	474,075	2,324	1,862
99	82	682	122,374	270,046	2,207	1,746
100	83	398	70,274	147,671	2,101	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	72 752,439	2 691 651,803	36,997	36,536
19	1	99 076	71 254,774	2 618 899,363	36,754	36,293
20	2	99 012	69 983,846	2 547 644,590	36,403	35,942
21	3	98 955	68 741,004	2 477 660,744	36,043	35,582
22	4	98 899	67 520,469	2 408 919,740	35,677	35,216
23	5	98 846	66 323,223	2 341 399,271	35,303	34,842
24	6	98 793	65 147,710	2 275 076,048	34,922	34,461
25	7	98 739	63 992,070	2 209 928,338	34,534	34,073
26	8	98 686	62 858,111	2 145 936,269	34,139	33,678
27	9	98 633	61 743,919	2 083 078,158	33,737	33,276
28	10	98 575	60 646,038	2 021 334,239	33,330	32,869
29	11	98 518	59 568,755	1 960 688,201	32,915	32,454
30	12	98 454	58 506,351	1 901 119,446	32,494	32,033
31	13	98 390	57 462,426	1 842 613,095	32,066	31,605
32	14	98 314	56 430,417	1 785 150,670	31,635	31,173
33	15	98 235	55 415,203	1 728 720,252	31,196	30,735
34	16	98 153	54 416,636	1 673 305,050	30,750	30,289
35	17	98 060	53 430,116	1 618 888,414	30,299	29,838
36	18	97 958	52 456,872	1 565 458,298	29,843	29,382
37	19	97 851	51 498,433	1 513 001,426	29,380	28,918
38	20	97 741	50 555,527	1 461 502,993	28,909	28,448
39	21	97 620	49 624,686	1 410 947,466	28,432	27,971
40	22	97 498	48 709,896	1 361 322,780	27,948	27,486
41	23	97 358	47 803,699	1 312 612,884	27,458	26,997
42	24	97 208	46 909,114	1 264 809,185	26,963	26,502
43	25	97 047	46 025,823	1 217 900,071	26,461	26,000
44	26	96 870	45 151,726	1 171 874,248	25,954	25,493
45	27	96 677	44 286,864	1 126 722,521	25,441	24,980
46	28	96 458	43 426,708	1 082 435,658	24,926	24,464
47	29	96 224	42 575,944	1 039 008,950	24,404	23,942
48	30	95 960	41 728,866	996 433,006	23,879	23,418
49	31	95 664	40 884,819	954 704,140	23,351	22,890
50	32	95 333	40 042,408	913 819,321	22,821	22,360
51	33	94 964	39 201,673	873 776,913	22,289	21,828
52	34	94 564	38 365,024	834 575,240	21,754	21,292
53	35	94 109	37 523,643	796 210,216	21,219	20,758
54	36	93 602	36 679,618	758 686,573	20,684	20,223
55	37	93 036	35 831,016	722 006,954	20,150	19,689
56	38	92 422	34 982,140	686 175,938	19,615	19,154
57	39	91 737	34 125,651	651 193,798	19,082	18,621
58	40	90 991	33 266,000	617 068,147	18,550	18,088
59	41	90 161	32 395,904	583 802,146	18,021	17,560
60	42	89 259	31 520,141	551 406,242	17,494	17,033
61	43	88 290	30 641,526	519 886,102	16,967	16,506
62	44	87 241	29 756,814	489 244,576	16,441	15,980
63	45	86 095	28 860,911	459 487,762	15,921	15,460
64	46	84 876	27 962,735	430 626,851	15,400	14,939
65	47	83 558	27 055,053	402 664,116	14,883	14,422
66	48	82 156	26 143,599	375 609,062	14,367	13,906
67	49	80 683	25 233,541	349 465,464	13,849	13,388
68	50	79 091	24 310,185	324 231,923	13,337	12,876
69	51	77 459	23 399,013	299 921,738	12,818	12,357
70	52	75 693	22 472,294	276 522,725	12,305	11,844
71	53	73 816	21 537,963	254 050,431	11,795	11,334
72	54	71 818	20 594,789	232 512,468	11,290	10,829
73	55	69 730	19 651,989	211 917,679	10,784	10,322
74	56	67 532	18 705,295	192 265,690	10,279	9,817
75	57	65 207	17 750,706	173 560,395	9,778	9,316
76	58	62 737	16 784,427	155 809,689	9,283	8,822
77	59	60 109	15 804,800	139 025,261	8,796	8,335
78	60	57 351	14 820,231	123 220,462	8,314	7,853
79	61	54 404	13 816,910	108 400,231	7,845	7,384
80	62	51 271	12 797,377	94 583,321	7,391	6,930
81	63	47 974	11 768,482	81 785,944	6,950	6,488
82	64	44 488	10 725,457	70 017,462	6,528	6,067
83	65	40 861	9 681,752	59 292,005	6,124	5,663
84	66	37 096	8 638,550	49 610,253	5,743	5,282
85	67	33 267	7 613,592	40 971,703	5,381	4,920
86	68	29 403	6 613,413	33 358,111	5,044	4,583
87	69	25 609	5 661,148	26 744,698	4,724	4,263
88	70	21 956	4 769,966	21 083,550	4,420	3,959
89	71	18 488	3 947,610	16 313,584	4,133	3,671
90	72	15 278	3 205,967	12 365,974	3,857	3,396
91	73	12 354	2 547,832	9 160,007	3,595	3,134
92	74	9 701	1 966,267	6 612,174	3,363	2,902
93	75	7 397	1 473,485	4 645,908	3,153	2,692
94	76	5 487	1 074,156	3 172,423	2,953	2,492
95	77	3 899	750,212	2 098,267	2,797	2,336
96	78	2 716	513,616	1 348,055	2,625	2,163
97	79	1 815	337,232	834,439	2,474	2,013
98	80	1 162	212,178	497,207	2,343	1,882
99	81	713	128,015	285,029	2,227	1,765
100	82	419	73,999	157,013	2,122	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	71 473,759	2 621 346,089	36,676	36,214
20	1	99 035	70 000,020	2 549 872,330	36,427	35,966
21	2	98 967	68 749,191	2 479 872,309	36,071	35,610
22	3	98 911	67 528,514	2 411 123,119	35,705	35,244
23	4	98 855	66 329,254	2 343 594,605	35,333	34,872
24	5	98 800	65 152,596	2 277 265,351	34,953	34,492
25	6	98 745	63 996,282	2 212 112,755	34,566	34,105
26	7	98 691	62 861,210	2 148 116,472	34,172	33,711
27	8	98 639	61 747,742	2 085 255,263	33,771	33,309
28	9	98 581	60 649,962	2 023 507,521	33,364	32,903
29	10	98 524	59 572,285	1 962 857,559	32,949	32,488
30	11	98 462	58 510,709	1 903 285,274	32,529	32,068
31	12	98 398	57 466,972	1 844 774,565	32,101	31,640
32	13	98 322	56 435,255	1 787 307,593	31,670	31,209
33	14	98 245	55 421,018	1 730 872,338	31,231	30,770
34	15	98 165	54 423,444	1 675 451,320	30,785	30,324
35	16	98 074	53 437,656	1 621 027,875	30,335	29,874
36	17	97 973	52 464,554	1 567 590,219	29,879	29,418
37	18	97 871	51 508,922	1 515 125,665	29,415	28,954
38	19	97 760	50 565,287	1 463 616,743	28,945	28,484
39	20	97 638	49 633,876	1 413 051,455	28,469	28,008
40	21	97 514	48 717,962	1 363 417,579	27,986	27,525
41	22	97 375	47 811,973	1 314 699,617	27,497	27,036
42	23	97 229	46 919,294	1 266 887,644	27,001	26,540
43	24	97 063	46 033,629	1 219 968,350	26,502	26,040
44	25	96 888	45 160,147	1 173 934,721	25,995	25,534
45	26	96 696	44 295,482	1 128 774,574	25,483	25,022
46	27	96 479	43 436,196	1 084 479,092	24,967	24,506
47	28	96 248	42 586,565	1 041 042,896	24,445	23,984
48	29	95 984	41 739,667	998 456,331	23,921	23,460
49	30	95 692	40 896,963	956 716,664	23,393	22,932
50	31	95 363	40 055,194	915 819,701	22,864	22,403
51	32	94 997	39 215,282	875 764,507	22,332	21,871
52	33	94 598	38 378,688	836 549,225	21,797	21,336
53	34	94 145	37 538,325	798 170,537	21,263	20,802
54	35	93 639	36 694,387	760 632,212	20,729	20,268
55	36	93 080	35 847,823	723 937,824	20,195	19,734
56	37	92 464	34 998,247	688 090,001	19,661	19,199
57	38	91 790	34 145,649	653 091,754	19,127	18,665
58	39	91 045	33 285,829	618 946,105	18,595	18,134
59	40	90 223	32 417,906	585 660,276	18,066	17,605
60	41	89 327	31 544,204	553 242,370	17,539	17,077
61	42	88 363	30 666,974	521 698,165	17,012	16,551
62	43	87 320	29 783,618	491 031,192	16,487	16,025
63	44	86 183	28 890,380	461 247,574	15,965	15,504
64	45	84 970	27 993,863	432 357,194	15,445	14,984
65	46	83 664	27 089,450	404 363,331	14,927	14,466
66	47	82 274	26 181,130	377 273,881	14,410	13,949
67	48	80 813	25 273,969	351 092,751	13,891	13,430
68	49	79 235	24 354,301	325 818,782	13,378	12,917
69	50	77 612	23 445,216	301 464,481	12,858	12,397
70	51	75 861	22 522,040	278 019,266	12,344	11,883
71	52	73 997	21 590,975	255 497,226	11,834	11,372
72	53	72 015	20 651,232	233 906,250	11,327	10,865
73	54	69 940	19 711,313	213 255,018	10,819	10,358
74	55	67 757	18 767,479	193 543,705	10,313	9,852
75	56	65 444	17 815,177	174 776,226	9,811	9,349
76	57	62 988	16 851,704	156 961,049	9,314	8,853
77	58	60 375	15 874,817	140 109,345	8,826	8,365
78	59	57 629	14 892,160	124 234,528	8,342	7,881
79	60	54 699	13 891,801	109 342,368	7,871	7,410
80	61	51 560	12 869,382	95 450,568	7,417	6,956
81	62	48 268	11 840,432	82 581,185	6,975	6,513
82	63	44 782	10 796,546	70 740,753	6,552	6,091
83	64	41 161	9 752,824	59 944,207	6,146	5,685
84	65	37 396	8 708,322	50 191,383	5,764	5,302
85	66	33 560	7 680,686	41 483,061	5,401	4,940
86	67	29 690	6 678,154	33 802,375	5,062	4,600
87	68	25 874	5 719,573	27 124,221	4,742	4,281
88	69	22 204	4 823,859	21 404,648	4,437	3,976
89	70	18 716	3 996,299	16 580,789	4,149	3,688
90	71	15 485	3 249,479	12 584,490	3,873	3,412
91	72	12 534	2 585,082	9 335,011	3,611	3,150
92	73	9 853	1 997,189	6 749,930	3,380	2,919
93	74	7 526	1 499,132	4 752,741	3,170	2,709
94	75	5 593	1 095,036	3 253,609	2,971	2,510
95	76	3 986	766,952	2 158,573	2,814	2,353
96	77	2 784	526,489	1 391,621	2,643	2,182
97	78	1 867	346,982	865,132	2,493	2,032
98	79	1 201	219,402	518,149	2,362	1,900
99	80	742	133,128	298,748	2,244	1,783
100	81	439	77,410	165,619	2,140	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	70 215,150	2 552 130,162	36,347	35,886
21	1	98 990	68 765,079	2 481 915,012	36,093	35,631
22	2	98 923	67 536,556	2 413 149,933	35,731	35,270
23	3	98 866	66 337,157	2 345 613,376	35,359	34,898
24	4	98 809	65 158,521	2 279 276,219	34,980	34,519
25	5	98 752	64 001,082	2 214 117,698	34,595	34,134
26	6	98 698	62 865,348	2 150 116,616	34,202	33,741
27	7	98 644	61 750,786	2 087 251,268	33,801	33,340
28	8	98 587	60 653,718	2 025 500,483	33,394	32,933
29	9	98 530	59 576,140	1 964 846,765	32,980	32,519
30	10	98 468	58 514,176	1 905 270,625	32,561	32,100
31	11	98 405	57 471,253	1 846 756,449	32,134	31,672
32	12	98 330	56 439,720	1 789 285,196	31,703	31,241
33	13	98 253	55 425,769	1 732 845,476	31,264	30,803
34	14	98 175	54 429,156	1 677 419,707	30,818	30,357
35	15	98 086	53 444,342	1 622 990,551	30,368	29,907
36	16	97 987	52 471,958	1 569 546,209	29,912	29,451
37	17	97 886	51 516,465	1 517 074,251	29,448	28,987
38	18	97 780	50 575,587	1 465 557,786	28,978	28,516
39	19	97 657	49 643,459	1 414 982,199	28,503	28,042
40	20	97 532	48 726,984	1 365 338,740	28,020	27,559
41	21	97 391	47 819,890	1 316 611,756	27,533	27,072
42	22	97 246	46 927,415	1 268 791,866	27,037	26,576
43	23	97 084	46 043,620	1 221 864,451	26,537	26,076
44	24	96 904	45 167,806	1 175 820,831	26,032	25,571
45	25	96 714	44 303,743	1 130 653,025	25,520	25,059
46	26	96 498	43 444,649	1 086 349,282	25,005	24,544
47	27	96 269	42 595,869	1 042 904,633	24,484	24,022
48	28	96 008	41 750,080	1 000 308,764	23,959	23,498
49	29	95 717	40 907,549	958 558,684	23,432	22,971
50	30	95 391	40 067,091	917 651,135	22,903	22,442
51	31	95 027	39 227,803	877 584,045	22,371	21,910
52	32	94 630	38 392,012	838 356,241	21,837	21,376
53	33	94 179	37 551,695	799 964,229	21,303	20,842
54	34	93 676	36 708,745	762 412,534	20,769	20,308
55	35	93 117	35 862,257	725 703,789	20,236	19,775
56	36	92 508	35 014,664	689 841,532	19,702	19,240
57	37	91 833	34 161,371	654 826,868	19,169	18,707
58	38	91 098	33 305,335	620 665,497	18,636	18,174
59	39	90 276	32 437,229	587 360,162	18,108	17,646
60	40	89 388	31 565,628	554 922,934	17,580	17,119
61	41	88 430	30 690,386	523 357,306	17,053	16,592
62	42	87 392	29 808,353	492 666,920	16,528	16,067
63	43	86 261	28 916,403	462 858,567	16,007	15,546
64	44	85 057	28 022,447	433 942,164	15,486	15,024
65	45	83 757	27 119,605	405 919,717	14,968	14,507
66	46	82 378	26 214,416	378 800,111	14,450	13,989
67	47	80 929	25 310,252	352 585,696	13,931	13,469
68	48	79 362	24 393,320	327 275,444	13,417	12,955
69	49	77 753	23 487,763	302 882,123	12,895	12,434
70	50	76 011	22 566,511	279 394,361	12,381	11,920
71	51	74 161	21 638,770	256 827,850	11,869	11,408
72	52	72 192	20 702,062	235 189,079	11,361	10,899
73	53	70 132	19 765,334	214 487,018	10,852	10,390
74	54	67 961	18 824,133	194 721,683	10,344	9,883
75	55	65 662	17 874,402	175 897,550	9,841	9,380
76	56	63 217	16 912,910	158 023,148	9,343	8,882
77	57	60 617	15 938,447	141 110,238	8,853	8,392
78	58	57 884	14 958,134	125 171,791	8,368	7,907
79	59	54 964	13 959,224	110 213,657	7,895	7,434
80	60	51 839	12 939,137	96 254,433	7,439	6,978
81	61	48 539	11 907,054	83 315,296	6,997	6,536
82	62	45 056	10 862,553	71 408,242	6,574	6,113
83	63	41 434	9 817,467	60 545,689	6,167	5,706
84	64	37 671	8 772,249	50 728,222	5,783	5,322
85	65	33 831	7 742,722	41 955,973	5,419	4,958
86	66	29 952	6 737,004	34 213,252	5,078	4,617
87	67	26 127	5 775,563	27 476,247	4,757	4,296
88	68	22 433	4 873,642	21 700,684	4,453	3,991
89	69	18 928	4 041,451	16 827,042	4,164	3,702
90	70	15 676	3 289,557	12 785,591	3,887	3,426
91	71	12 705	2 620,167	9 496,033	3,624	3,163
92	72	9 997	2 026,388	6 875,867	3,393	2,932
93	73	7 644	1 522,708	4 849,479	3,185	2,724
94	74	5 691	1 114,096	3 326,771	2,986	2,525
95	75	4 063	781,860	2 212,675	2,830	2,369
96	76	2 846	538,237	1 430,815	2,658	2,197
97	77	1 914	355,679	892,578	2,510	2,048
98	78	1 236	225,745	536,899	2,378	1,917
99	79	767	137,661	311,153	2,260	1,799
100	80	456	80,502	173,493	2,155	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	68 976,414	2 483 998,939	36,012	35,551
22	1	98 946	67 552,165	2 415 022,526	35,750	35,289
23	2	98 878	66 345,058	2 347 470,361	35,383	34,922
24	3	98 821	65 166,285	2 281 125,303	35,005	34,543
25	4	98 761	64 006,902	2 215 959,019	34,621	34,159
26	5	98 705	62 870,063	2 151 952,117	34,229	33,767
27	6	98 651	61 754,851	2 089 082,054	33,829	33,367
28	7	98 592	60 656,708	2 027 327,203	33,423	32,962
29	8	98 537	59 579,829	1 966 670,495	33,009	32,548
30	9	98 474	58 517,962	1 907 090,667	32,590	32,129
31	10	98 411	57 474,659	1 848 572,704	32,163	31,702
32	11	98 337	56 443,924	1 791 098,046	31,732	31,271
33	12	98 261	55 430,155	1 734 654,122	31,294	30,833
34	13	98 184	54 433,822	1 679 223,967	30,849	30,388
35	14	98 096	53 449,951	1 624 790,145	30,398	29,937
36	15	97 999	52 478,523	1 571 340,194	29,943	29,481
37	16	97 900	51 523,735	1 518 861,671	29,479	29,018
38	17	97 794	50 582,993	1 467 337,936	29,009	28,547
39	18	97 677	49 653,570	1 416 754,943	28,533	28,072
40	19	97 551	48 736,392	1 367 101,372	28,051	27,590
41	20	97 409	47 828,746	1 318 364,980	27,564	27,103
42	21	97 262	46 935,186	1 270 536,234	27,070	26,609
43	22	97 101	46 051,589	1 223 601,049	26,570	26,109
44	23	96 925	45 177,609	1 177 549,460	26,065	25,604
45	24	96 730	44 311,257	1 132 371,851	25,555	25,094
46	25	96 516	43 452,751	1 088 060,594	25,040	24,579
47	26	96 287	42 604,159	1 044 607,843	24,519	24,058
48	27	96 029	41 759,201	1 002 003,684	23,995	23,534
49	28	95 741	40 917,754	960 244,483	23,468	23,006
50	29	95 416	40 077,462	919 326,730	22,939	22,478
51	30	95 056	39 239,455	879 249,268	22,407	21,946
52	31	94 661	38 404,271	840 009,813	21,873	21,412
53	32	94 212	37 564,732	801 605,542	21,339	20,878
54	33	93 709	36 721,819	764 040,810	20,806	20,345
55	34	93 154	35 876,289	727 318,991	20,273	19,812
56	35	92 545	35 028,762	691 442,702	19,739	19,278
57	36	91 876	34 177,395	656 413,939	19,206	18,745
58	37	91 140	33 320,670	622 236,544	18,674	18,213
59	38	90 329	32 456,237	588 915,875	18,145	17,684
60	39	89 441	31 584,443	556 459,638	17,618	17,157
61	40	88 491	30 711,230	524 875,195	17,091	16,629
62	41	87 459	29 831,110	494 163,965	16,565	16,104
63	42	86 332	28 940,418	464 332,855	16,044	15,583
64	43	85 133	28 047,688	435 392,437	15,523	15,062
65	44	83 842	27 147,297	407 344,749	15,005	14,544
66	45	82 470	26 243,597	380 197,452	14,487	14,026
67	46	81 032	25 342,430	353 953,855	13,967	13,506
68	47	79 476	24 428,339	328 611,425	13,452	12,991
69	48	77 877	23 525,393	304 183,086	12,930	12,469
70	49	76 148	22 607,463	280 657,692	12,414	11,953
71	50	74 308	21 681,498	258 050,229	11,902	11,441
72	51	72 352	20 747,889	236 368,732	11,392	10,931
73	52	70 305	19 813,984	215 620,842	10,882	10,421
74	53	68 148	18 875,723	195 806,859	10,373	9,912
75	54	65 860	17 928,360	176 931,136	9,869	9,408
76	55	63 427	16 969,135	159 002,776	9,370	8,909
77	56	60 837	15 996,336	142 033,640	8,879	8,418
78	57	58 116	15 018,090	126 037,304	8,392	7,931
79	58	55 208	14 021,065	111 019,214	7,918	7,457
80	59	52 091	13 001,937	96 998,150	7,460	6,999
81	60	48 802	11 971,593	83 996,213	7,016	6,555
82	61	45 310	10 923,673	72 024,620	6,593	6,132
83	62	41 687	9 877,489	61 100,948	6,186	5,725
84	63	37 920	8 830,392	51 223,459	5,801	5,340
85	64	34 080	7 799,560	42 393,067	5,435	4,974
86	65	30 194	6 791,418	34 593,507	5,094	4,633
87	66	26 357	5 826,460	27 802,089	4,772	4,310
88	67	22 652	4 921,352	21 975,629	4,465	4,004
89	68	19 123	4 083,160	17 054,277	4,177	3,716
90	69	15 853	3 326,724	12 971,118	3,899	3,438
91	70	12 861	2 652,483	9 644,394	3,636	3,175
92	71	10 133	2 053,890	6 991,911	3,404	2,943
93	72	7 756	1 544,970	4 938,021	3,196	2,735
94	73	5 780	1 131,617	3 393,050	2,998	2,537
95	74	4 134	795,469	2 261,434	2,843	2,382
96	75	2 902	548,699	1 465,965	2,672	2,211
97	76	1 957	363,616	917,266	2,523	2,061
98	77	1 267	231,404	553,650	2,393	1,931
99	78	789	141,641	322,246	2,275	1,814
100	79	472	83,243	180,605	2,170	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	67 759,771	2 416 946,280	35,669	35,208
23	1	98 901	66 360,391	2 349 186,509	35,400	34,939
24	2	98 833	65 174,045	2 282 826,119	35,027	34,565
25	3	98 773	64 014,529	2 217 652,073	34,643	34,182
26	4	98 714	62 875,780	2 153 637,544	34,252	33,791
27	5	98 658	61 759,483	2 090 761,764	33,853	33,392
28	6	98 599	60 660,701	2 029 002,282	33,448	32,987
29	7	98 541	59 582,766	1 968 341,581	33,035	32,574
30	8	98 480	58 521,586	1 908 758,815	32,616	32,155
31	9	98 417	57 478,378	1 850 237,230	32,190	31,729
32	10	98 343	56 447,269	1 792 758,852	31,760	31,299
33	11	98 268	55 434,284	1 736 311,583	31,322	30,861
34	12	98 191	54 438,129	1 680 877,299	30,877	30,416
35	13	98 105	53 454,533	1 626 439,171	30,427	29,965
36	14	98 009	52 484,031	1 572 984,637	29,971	29,510
37	15	97 912	51 530,182	1 520 500,607	29,507	29,046
38	16	97 808	50 590,131	1 468 970,425	29,037	28,575
39	17	97 691	49 660,842	1 418 380,294	28,561	28,100
40	18	97 571	48 746,319	1 368 719,452	28,078	27,617
41	19	97 428	47 837,980	1 319 973,133	27,593	27,131
42	20	97 280	46 943,878	1 272 135,154	27,099	26,638
43	21	97 117	46 059,215	1 225 191,275	26,600	26,139
44	22	96 942	45 185,428	1 179 132,061	26,095	25,634
45	23	96 751	44 320,874	1 133 946,633	25,585	25,124
46	24	96 533	43 460,120	1 089 625,759	25,072	24,611
47	25	96 305	42 612,104	1 046 165,638	24,551	24,090
48	26	96 048	41 767,328	1 003 553,534	24,027	23,566
49	27	95 762	40 926,693	961 786,207	23,500	23,039
50	28	95 440	40 087,460	920 859,513	22,971	22,510
51	29	95 080	39 249,612	880 772,054	22,440	21,979
52	30	94 689	38 415,678	841 522,442	21,906	21,444
53	31	94 242	37 576,726	803 106,764	21,372	20,911
54	32	93 742	36 734,568	765 530,038	20,840	20,378
55	33	93 187	35 889,067	728 795,470	20,307	19,846
56	34	92 581	35 042,468	692 906,403	19,773	19,312
57	35	91 913	34 191,156	657 863,935	19,241	18,780
58	36	91 183	33 336,299	623 672,778	18,709	18,247
59	37	90 371	32 471,181	590 336,479	18,180	17,719
60	38	89 494	31 602,951	557 865,298	17,652	17,191
61	39	88 543	30 729,535	526 262,347	17,126	16,664
62	40	87 518	29 851,370	495 532,811	16,600	16,139
63	41	86 398	28 962,512	465 681,441	16,079	15,618
64	42	85 204	28 070,982	436 718,929	15,558	15,096
65	43	83 918	27 171,749	408 647,947	15,039	14,578
66	44	82 554	26 270,394	381 476,198	14,521	14,060
67	45	81 122	25 370,641	355 205,803	14,001	13,539
68	46	79 577	24 459,396	329 835,162	13,485	13,024
69	47	77 989	23 559,166	305 375,766	12,962	12,501
70	48	76 270	22 643,684	281 816,600	12,446	11,985
71	49	74 442	21 720,844	259 172,917	11,932	11,471
72	50	72 495	20 788,857	237 452,073	11,422	10,961
73	51	70 460	19 857,845	216 663,216	10,911	10,450
74	52	68 315	18 922,183	196 805,370	10,401	9,940
75	53	66 041	17 977,495	177 883,187	9,895	9,434
76	54	63 619	17 020,360	159 905,693	9,395	8,934
77	55	61 040	16 049,515	142 885,332	8,903	8,442
78	56	58 328	15 072,636	126 835,818	8,415	7,954
79	57	55 429	14 077,265	111 763,182	7,939	7,478
80	58	52 322	13 059,537	97 685,917	7,480	7,019
81	59	49 039	12 029,696	84 626,380	7,035	6,574
82	60	45 555	10 982,881	72 596,684	6,610	6,149
83	61	41 922	9 933,065	61 613,802	6,203	5,742
84	62	38 152	8 884,379	51 680,737	5,817	5,356
85	63	34 306	7 851,256	42 796,358	5,451	4,990
86	64	30 416	6 841,273	34 945,103	5,108	4,647
87	65	26 570	5 873,519	28 103,829	4,785	4,324
88	66	22 852	4 964,721	22 230,310	4,478	4,016
89	67	19 310	4 123,131	17 265,589	4,187	3,726
90	68	16 017	3 361,056	13 142,458	3,910	3,449
91	69	13 007	2 682,452	9 781,402	3,646	3,185
92	70	10 258	2 079,222	7 098,950	3,414	2,953
93	71	7 861	1 565,939	5 019,728	3,206	2,744
94	72	5 865	1 148,161	3 453,789	3,008	2,547
95	73	4 199	807,979	2 305,628	2,854	2,392
96	74	2 952	558,250	1 497,649	2,683	2,222
97	75	1 995	370,684	939,399	2,534	2,073
98	76	1 295	236,567	568,716	2,404	1,943
99	77	809	145,191	332,149	2,288	1,826
100	78	485	85,650	186,958	2,183	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	66 564,335	2 350 962,699	35,319	34,857
24	1	98 856	65 189,108	2 284 398,364	35,043	34,581
25	2	98 785	64 022,153	2 219 209,257	34,663	34,202
26	3	98 726	62 883,272	2 155 187,104	34,273	33,812
27	4	98 667	61 765,099	2 092 303,832	33,875	33,414
28	5	98 606	60 665,250	2 030 538,733	33,471	33,010
29	6	98 548	59 586,688	1 969 873,483	33,059	32,598
30	7	98 485	58 524,471	1 910 286,795	32,641	32,180
31	8	98 423	57 481,937	1 851 762,325	32,215	31,753
32	9	98 350	56 450,922	1 794 280,388	31,785	31,324
33	10	98 274	55 437,569	1 737 829,466	31,348	30,886
34	11	98 199	54 442,184	1 682 391,898	30,902	30,441
35	12	98 112	53 458,763	1 627 949,714	30,452	29,991
36	13	98 017	52 488,530	1 574 490,951	29,997	29,536
37	14	97 922	51 535,590	1 522 002,421	29,533	29,072
38	15	97 820	50 596,461	1 470 466,832	29,063	28,601
39	16	97 705	49 667,850	1 419 870,370	28,587	28,126
40	17	97 585	48 753,457	1 370 202,521	28,105	27,644
41	18	97 448	47 847,724	1 321 449,064	27,618	27,157
42	19	97 299	46 952,941	1 273 601,340	27,125	26,664
43	20	97 135	46 067,745	1 226 648,399	26,627	26,166
44	21	96 958	45 192,910	1 180 580,654	26,123	25,662
45	22	96 768	44 328,545	1 135 387,744	25,613	25,152
46	23	96 554	43 469,553	1 091 059,199	25,099	24,638
47	24	96 322	42 619,331	1 047 589,646	24,580	24,119
48	25	96 066	41 775,117	1 004 970,315	24,057	23,595
49	26	95 781	40 934,658	963 195,198	23,530	23,069
50	27	95 461	40 096,218	922 260,540	23,001	22,540
51	28	95 104	39 259,403	882 164,322	22,470	22,009
52	29	94 713	38 425,621	842 904,919	21,936	21,475
53	30	94 270	37 587,888	804 479,298	21,403	20,941
54	31	93 772	36 746,297	766 891,411	20,870	20,409
55	32	93 219	35 901,527	730 145,113	20,337	19,876
56	33	92 614	35 054,949	694 243,587	19,804	19,343
57	34	91 949	34 204,534	659 188,638	19,272	18,811
58	35	91 220	33 349,722	624 984,103	18,740	18,279
59	36	90 413	32 486,412	591 634,381	18,212	17,751
60	37	89 535	31 617,503	559 147,969	17,685	17,224
61	38	88 595	30 747,543	527 530,466	17,157	16,696
62	39	87 570	29 869,163	496 782,923	16,632	16,171
63	40	86 457	28 982,182	466 913,760	16,110	15,649
64	41	85 269	28 092,413	437 931,578	15,589	15,128
65	42	83 988	27 194,316	409 839,165	15,071	14,610
66	43	82 628	26 294,057	382 644,850	14,553	14,091
67	44	81 205	25 396,547	356 350,793	14,031	13,570
68	45	79 665	24 486,624	330 954,246	13,516	13,055
69	46	78 088	23 589,118	306 467,622	12,992	12,531
70	47	76 380	22 676,191	282 878,504	12,475	12,013
71	48	74 562	21 755,643	260 202,313	11,960	11,499
72	49	72 627	20 826,584	238 446,670	11,449	10,988
73	50	70 599	19 897,056	217 620,086	10,937	10,476
74	51	68 467	18 964,070	197 723,030	10,426	9,965
75	52	66 203	18 021,744	178 758,960	9,919	9,458
76	53	63 793	17 067,007	160 737,216	9,418	8,957
77	54	61 224	16 097,964	143 670,210	8,925	8,464
78	55	58 521	15 122,744	127 572,246	8,436	7,975
79	56	55 630	14 128,394	112 449,502	7,959	7,498
80	57	52 531	13 111,883	98 321,108	7,499	7,037
81	58	49 256	12 082,989	85 209,225	7,052	6,591
82	59	45 776	11 036,186	73 126,237	6,626	6,165
83	60	42 149	9 986,905	62 090,050	6,217	5,756
84	61	38 367	8 934,368	52 103,146	5,832	5,371
85	62	34 515	7 899,257	43 168,778	5,465	5,004
86	63	30 617	6 886,617	35 269,521	5,121	4,660
87	64	26 765	5 916,636	28 382,904	4,797	4,336
88	65	23 037	5 004,820	22 466,268	4,489	4,028
89	66	19 481	4 159,466	17 461,448	4,198	3,737
90	67	16 174	3 393,959	13 301,982	3,919	3,458
91	68	13 141	2 710,135	9 908,023	3,656	3,195
92	69	10 374	2 102,714	7 197,887	3,423	2,962
93	70	7 958	1 585,253	5 095,173	3,214	2,753
94	71	5 944	1 163,744	3 509,921	3,016	2,555
95	72	4 261	819,791	2 346,177	2,862	2,401
96	73	2 999	567,029	1 526,385	2,692	2,231
97	74	2 029	377,136	959,356	2,544	2,083
98	75	1 320	241,165	582,220	2,414	1,953
99	76	827	148,431	341,055	2,298	1,837
100	77	498	87,796	192,624	2,194	1,733

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	65 389,452	2 286 038,593	34,960	34,499
25	1	98 808	64 036,949	2 220 649,141	34,678	34,216
26	2	98 737	62 890,761	2 156 612,192	34,291	33,830
27	3	98 679	61 772,458	2 093 721,432	33,894	33,433
28	4	98 615	60 670,767	2 031 948,973	33,491	33,030
29	5	98 555	59 591,157	1 971 278,206	33,080	32,619
30	6	98 491	58 528,323	1 911 687,049	32,663	32,201
31	7	98 428	57 484,770	1 853 158,726	32,237	31,776
32	8	98 356	56 454,417	1 795 673,956	31,808	31,346
33	9	98 281	55 441,156	1 739 219,539	31,371	30,909
34	10	98 205	54 445,410	1 683 778,383	30,926	30,465
35	11	98 120	53 462,745	1 629 332,973	30,476	30,015
36	12	98 025	52 492,683	1 575 870,228	30,021	29,560
37	13	97 930	51 540,008	1 523 377,545	29,557	29,096
38	14	97 830	50 601,771	1 471 837,538	29,087	28,625
39	15	97 717	49 674,064	1 421 235,766	28,611	28,150
40	16	97 599	48 760,337	1 371 561,702	28,129	27,667
41	17	97 462	47 854,730	1 322 801,365	27,642	27,181
42	18	97 319	46 962,505	1 274 946,635	27,148	26,687
43	19	97 154	46 076,639	1 227 984,130	26,651	26,190
44	20	96 976	45 201,280	1 181 907,491	26,148	25,686
45	21	96 784	44 335,885	1 136 706,211	25,639	25,177
46	22	96 570	43 477,076	1 092 370,326	25,125	24,664
47	23	96 343	42 628,581	1 048 893,250	24,605	24,144
48	24	96 082	41 782,202	1 006 264,669	24,084	23,622
49	25	95 798	40 942,292	964 482,467	23,557	23,096

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	26	95 479	40 104,021	923 540,175	23,029	22,567
51	27	95 125	39 267,980	883 436,154	22,498	22,036
52	28	94 737	38 435,207	844 168,174	21,963	21,502
53	29	94 294	37 597,617	805 732,967	21,430	20,969
54	30	93 800	36 757,212	768 135,350	20,898	20,436
55	31	93 249	35 912,990	731 378,138	20,365	19,904
56	32	92 646	35 067,119	695 465,148	19,832	19,371
57	33	91 981	34 216,717	660 398,029	19,300	18,839
58	34	91 255	33 362,771	626 181,312	18,769	18,308
59	35	90 450	32 499,493	592 818,542	18,241	17,780
60	36	89 577	31 632,333	560 319,049	17,713	17,252
61	37	88 636	30 761,700	528 686,715	17,187	16,725
62	38	87 622	29 886,666	497 925,015	16,660	16,199
63	39	86 508	28 999,457	468 038,349	16,140	15,678
64	40	85 327	28 111,492	439 038,891	15,618	15,157
65	41	84 052	27 215,077	410 927,399	15,099	14,638
66	42	82 697	26 315,894	383 712,323	14,581	14,120
67	43	81 278	25 419,422	357 396,428	14,060	13,599
68	44	79 747	24 511,627	331 977,006	13,544	13,082
69	45	78 175	23 615,377	307 465,379	13,020	12,559
70	46	76 477	22 705,020	283 850,002	12,502	12,040
71	47	74 669	21 786,876	261 144,982	11,986	11,525
72	48	72 743	20 859,951	239 358,106	11,475	11,013
73	49	70 728	19 933,164	218 498,155	10,962	10,500
74	50	68 602	19 001,516	198 564,992	10,450	9,989
75	51	66 350	18 061,638	179 563,475	9,942	9,481
76	52	63 950	17 109,015	161 501,838	9,440	8,978
77	53	61 392	16 142,082	144 392,823	8,945	8,484
78	54	58 698	15 168,395	128 250,741	8,455	7,994
79	55	55 815	14 175,363	113 082,346	7,977	7,516
80	56	52 722	13 159,506	98 906,983	7,516	7,055
81	57	49 454	12 131,421	85 747,478	7,068	6,607
82	58	45 979	11 085,078	73 616,057	6,641	6,180
83	59	42 354	10 035,376	62 530,979	6,231	5,770
84	60	38 575	8 982,794	52 495,604	5,844	5,383
85	61	34 710	7 943,703	43 512,810	5,478	5,016
86	62	30 804	6 928,721	35 569,107	5,134	4,672
87	63	26 943	5 955,852	28 640,386	4,809	4,348
88	64	23 206	5 041,560	22 684,534	4,500	4,038
89	65	19 638	4 193,061	17 642,974	4,208	3,746
90	66	16 316	3 423,868	13 449,913	3,928	3,467
91	67	13 269	2 736,666	10 026,045	3,664	3,202
92	68	10 481	2 124,415	7 289,380	3,431	2,970
93	69	8 048	1 603,163	5 164,965	3,222	2,761
94	70	6 018	1 178,097	3 561,802	3,023	2,562
95	71	4 318	830,918	2 383,704	2,869	2,408
96	72	3 042	575,319	1 552,787	2,699	2,238
97	73	2 061	383,067	977,468	2,552	2,090
98	74	1 343	245,363	594,401	2,423	1,961
99	75	843	151,316	349,038	2,307	1,845
100	76	509	89,755	197,722	2,203	1,742

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 1,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	64 233,752	2 222 164,112	34,595	34,134
26	1	98 760	62 905,295	2 157 930,360	34,304	33,843
27	2	98 691	61 779,815	2 095 025,065	33,911	33,450
28	3	98 627	60 677,996	2 033 245,250	33,509	33,048
29	4	98 564	59 596,576	1 972 567,254	33,099	32,637
30	5	98 499	58 532,713	1 912 970,677	32,682	32,221
31	6	98 435	57 488,555	1 854 437,964	32,258	31,796
32	7	98 360	56 457,200	1 796 949,410	31,829	31,367
33	8	98 287	55 444,589	1 740 492,210	31,392	30,930
34	9	98 211	54 448,933	1 685 047,621	30,947	30,486
35	10	98 125	53 465,913	1 630 598,688	30,498	30,037
36	11	98 033	52 496,593	1 577 132,775	30,043	29,581
37	12	97 938	51 544,086	1 524 636,182	29,579	29,118
38	13	97 839	50 606,109	1 473 092,097	29,109	28,648
39	14	97 728	49 679,277	1 422 485,988	28,633	28,172
40	15	97 611	48 766,438	1 372 806,710	28,151	27,689
41	16	97 476	47 861,484	1 324 040,272	27,664	27,203
42	17	97 333	46 969,382	1 276 178,789	27,170	26,709
43	18	97 174	46 086,024	1 229 209,407	26,672	26,211
44	19	96 995	45 210,006	1 183 123,383	26,170	25,708
45	20	96 802	44 344,096	1 137 913,376	25,661	25,200
46	21	96 586	43 484,275	1 093 569,280	25,149	24,687
47	22	96 359	42 635,959	1 050 085,005	24,629	24,168
48	23	96 103	41 791,270	1 007 449,046	24,107	23,645
49	24	95 815	40 949,236	965 657,776	23,582	23,121
50	25	95 497	40 111,500	924 708,540	23,053	22,592
51	26	95 143	39 275,622	884 597,040	22,523	22,062
52	27	94 758	38 443,604	845 321,418	21,989	21,527
53	28	94 318	37 606,996	806 877,813	21,456	20,994
54	29	93 824	36 766,726	769 270,817	20,923	20,462
55	30	93 277	35 923,657	732 504,091	20,391	19,929
56	31	92 676	35 078,316	696 580,434	19,858	19,397
57	32	92 013	34 228,596	661 502,119	19,326	18,865
58	33	91 288	33 374,653	627 273,522	18,795	18,334
59	34	90 485	32 512,209	593 898,869	18,267	17,806
60	35	89 613	31 645,070	561 386,660	17,740	17,279
61	36	88 678	30 776,130	529 741,590	17,213	16,752
62	37	87 662	29 900,427	498 965,461	16,688	16,226
63	38	86 559	29 016,451	469 065,033	16,165	15,704
64	39	85 378	28 128,248	440 048,582	15,644	15,183
65	40	84 109	27 233,560	411 920,334	15,125	14,664
66	41	82 760	26 335,985	384 686,774	14,607	14,146
67	42	81 345	25 440,533	358 350,789	14,086	13,625
68	43	79 819	24 533,706	332 910,256	13,570	13,108
69	44	78 255	23 639,491	308 376,550	13,045	12,584
70	45	76 562	22 730,295	284 737,060	12,527	12,066
71	46	74 764	21 814,575	262 006,764	12,011	11,549
72	47	72 847	20 889,897	240 192,190	11,498	11,037
73	48	70 841	19 965,099	219 302,293	10,984	10,523
74	49	68 726	19 035,999	199 337,193	10,472	10,010
75	50	66 481	18 097,302	180 301,195	9,963	9,502
76	51	64 092	17 146,888	162 203,893	9,460	8,998
77	52	61 543	16 181,813	145 057,005	8,964	8,503
78	53	58 859	15 209,966	128 875,191	8,473	8,012
79	54	55 984	14 218,154	113 665,225	7,994	7,533
80	55	52 897	13 203,253	99 447,071	7,532	7,071
81	56	49 633	12 175,482	86 243,818	7,083	6,622
82	57	46 163	11 129,510	74 068,336	6,655	6,194
83	58	42 541	10 079,833	62 938,826	6,244	5,783
84	59	38 762	9 026,392	52 858,993	5,856	5,395
85	60	34 898	7 986,759	43 832,601	5,488	5,027
86	61	30 978	6 967,706	35 845,842	5,145	4,683
87	62	27 107	5 992,265	28 878,136	4,819	4,358
88	63	23 359	5 074,976	22 885,871	4,510	4,048
89	64	19 782	4 223,842	17 810,896	4,217	3,756
90	65	16 448	3 451,522	13 587,054	3,937	3,475
91	66	13 386	2 760,782	10 135,532	3,671	3,210
92	67	10 584	2 145,211	7 374,750	3,438	2,977
93	68	8 131	1 619,708	5 229,538	3,229	2,767
94	69	6 085	1 191,408	3 609,830	3,030	2,569
95	70	4 372	841,166	2 418,422	2,875	2,414
96	71	3 084	583,127	1 577,256	2,705	2,244
97	72	2 091	388,667	994,129	2,558	2,097
98	73	1 364	249,222	605,461	2,429	1,968
99	74	858	153,950	356,240	2,314	1,853
100	75	519	91,500	202,290	2,211	1,750

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 859 304,788	38,593	38,131
1	1	99 340	97 392,197	3 759 304,788	38,600	38,138
2	2	99 290	95 434,481	3 661 912,591	38,371	37,909
3	3	99 263	93 537,484	3 566 478,110	38,129	37,667
4	4	99 238	91 680,685	3 472 940,626	37,881	37,419
5	5	99 218	89 864,428	3 381 259,941	37,626	37,165
6	6	99 201	88 087,471	3 291 395,513	37,365	36,903
7	7	99 184	86 345,626	3 203 308,042	37,099	36,637
8	8	99 171	84 641,274	3 116 962,416	36,826	36,364
9	9	99 157	82 969,744	3 032 321,142	36,547	36,086
10	10	99 142	81 331,082	2 949 351,398	36,264	35,802
11	11	99 129	79 725,498	2 868 020,316	35,974	35,512
12	12	99 112	78 149,452	2 788 294,818	35,679	35,217
13	13	99 097	76 605,045	2 710 145,366	35,378	34,917
14	14	99 079	75 089,366	2 633 540,320	35,072	34,610
15	15	99 056	73 600,410	2 558 450,954	34,761	34,300
16	16	99 029	72 137,394	2 484 850,544	34,446	33,984
17	17	98 990	70 694,743	2 412 713,150	34,129	33,667
18	18	98 946	69 278,104	2 342 018,407	33,806	33,344
19	19	98 888	67 879,847	2 272 740,303	33,482	33,020
20	20	98 828	66 508,242	2 204 860,456	33,152	32,690
21	21	98 765	65 162,700	2 138 352,214	32,816	32,354
22	22	98 704	63 845,859	2 073 189,514	32,472	32,010
23	23	98 643	62 554,921	2 009 343,655	32,121	31,660
24	24	98 576	61 286,890	1 946 788,734	31,765	31,304
25	25	98 512	60 045,958	1 885 501,844	31,401	30,939
26	26	98 446	58 829,291	1 825 455,886	31,030	30,568
27	27	98 380	57 637,230	1 766 626,595	30,651	30,189
28	28	98 307	56 464,934	1 708 989,365	30,266	29,805
29	29	98 232	55 315,465	1 652 524,432	29,875	29,413
30	30	98 150	54 185,770	1 597 208,966	29,477	29,015
31	31	98 064	53 076,934	1 543 023,197	29,071	28,610
32	32	97 966	51 983,792	1 489 946,263	28,662	28,200
33	33	97 863	50 911,126	1 437 962,470	28,245	27,783
34	34	97 759	49 859,668	1 387 051,345	27,819	27,357
35	35	97 642	48 823,561	1 337 191,677	27,388	26,927
36	36	97 516	47 804,495	1 288 368,115	26,951	26,489
37	37	97 384	46 803,614	1 240 563,620	26,506	26,044
38	38	97 248	45 821,804	1 193 760,007	26,052	25,591
39	39	97 089	44 849,908	1 147 938,203	25,595	25,133
40	40	96 925	43 896,344	1 103 088,295	25,129	24,668
41	41	96 737	42 952,377	1 059 191,950	24,660	24,198
42	42	96 536	42 022,316	1 016 239,573	24,183	23,722
43	43	96 312	41 102,827	974 217,257	23,702	23,240
44	44	96 067	40 194,692	933 114,430	23,215	22,753
45	45	95 797	39 295,679	892 919,738	22,723	22,261
46	46	95 495	38 403,669	853 624,059	22,228	21,766
47	47	95 165	37 520,696	815 220,390	21,727	21,266
48	48	94 793	36 640,956	777 699,694	21,225	20,763
49	49	94 378	35 765,168	741 058,738	20,720	20,259
50	50	93 910	34 890,232	705 293,569	20,215	19,753
51	51	93 395	34 018,610	670 403,337	19,707	19,245
52	52	92 829	33 149,427	636 384,727	19,197	18,736
53	53	92 192	32 276,175	603 235,300	18,690	18,228
54	54	91 481	31 399,471	570 959,125	18,184	17,722
55	55	90 697	30 520,070	539 559,655	17,679	17,217
56	56	89 841	29 639,137	509 039,585	17,175	16,713
57	57	88 905	28 755,061	479 400,448	16,672	16,210
58	58	87 882	27 866,965	450 645,387	16,171	15,710
59	59	86 756	26 970,473	422 778,423	15,676	15,214
60	60	85 538	26 070,512	395 807,950	15,182	14,721
61	61	84 223	25 166,276	369 737,438	14,692	14,230
62	62	82 831	24 265,180	344 571,162	14,200	13,739
63	63	81 330	23 358,098	320 305,982	13,713	13,251
64	64	79 738	22 452,024	296 947,884	13,226	12,764
65	65	78 027	21 539,411	274 495,860	12,744	12,282
66	66	76 212	20 625,972	252 956,448	12,264	11,802
67	67	74 312	19 717,250	232 330,476	11,783	11,321
68	68	72 270	18 799,543	212 613,227	11,309	10,848
69	69	70 194	17 901,461	193 813,684	10,827	10,365
70	70	67 978	16 996,268	175 912,223	10,350	9,888
71	71	65 645	16 091,219	158 915,955	9,876	9,414
72	72	63 186	15 184,828	142 824,736	9,406	8,944
73	73	60 647	14 288,904	127 639,908	8,933	8,471
74	74	58 019	13 401,577	113 351,004	8,458	7,996
75	75	55 263	12 514,726	99 949,427	7,987	7,525
76	76	52 364	11 625,802	87 434,701	7,521	7,059
77	77	49 293	10 729,400	75 808,899	7,066	6,604
78	78	46 104	9 838,458	65 079,499	6,615	6,153
79	79	42 737	8 941,005	55 241,041	6,178	5,717
80	80	39 169	8 033,935	46 300,036	5,763	5,301
81	81	35 458	7 130,172	38 266,101	5,367	4,905
82	82	31 640	6 237,752	31 135,929	4,992	4,530
83	83	27 801	5 373,341	24 898,177	4,634	4,172
84	84	23 966	4 541,217	19 524,836	4,299	3,838
85	85	20 224	3 757,029	14 983,619	3,988	3,527
86	86	16 656	3 033,494	11 226,590	3,701	3,239
87	87	13 353	2 384,392	8 193,097	3,436	2,975
88	88	10 406	1 821,671	5 808,704	3,189	2,727
89	89	7 852	1 347,646	3 987,034	2,959	2,497
90	90	5 716	961,724	2 639,387	2,744	2,283
91	91	3 996	659,131	1 677,664	2,545	2,084
92	92	2 654	429,165	1 018,533	2,373	1,912
93	93	1 672	265,185	589,368	2,222	1,761
94	94	1 000	155,465	324,183	2,085	1,624
95	95	556	84,690	168,718	1,992	1,531
96	96	298	44,524	84,028	1,887	1,426
97	97	150	21,919	39,505	1,802	1,341
98	98	72	10,284	17,586	1,710	1,248
99	99	32	4,475	7,301	1,631	1,170
100	100	13	1,807	2,826	1,564	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	3 849 761,984	38,616	38,154	50	51	93 725	34 821,475	696 998,900	20,016	19,555
1	2	99 317	97 369,694	3 750 068,370	38,514	38,052	51	52	93 189	33 943,471	662 177,425	19,508	19,047
2	3	99 278	95 423,117	3 652 698,675	38,279	37,817	52	53	92 601	33 068,035	628 233,955	18,998	18,537
3	4	99 251	93 526,340	3 557 275,559	38,035	37,573	53	54	91 940	32 187,959	595 165,920	18,490	18,029
4	5	99 229	91 672,349	3 463 749,218	37,784	37,322	54	55	91 206	31 304,970	562 977,960	17,984	17,522
5	6	99 210	89 857,688	3 372 076,870	37,527	37,065	55	56	90 397	30 418,945	531 672,990	17,478	17,017
6	7	99 194	88 081,673	3 282 219,182	37,263	36,802	56	57	89 516	29 531,876	501 254,046	16,973	16,512
7	8	99 179	86 341,369	3 194 137,509	36,994	36,533	57	58	88 550	28 640,263	471 722,169	16,471	16,009
8	9	99 165	84 636,034	3 107 796,140	36,720	36,258	58	59	87 494	27 744,056	443 081,907	15,970	15,509
9	10	99 150	82 964,375	3 023 160,106	36,439	35,978	59	60	86 337	26 840,206	415 337,851	15,474	15,013
10	11	99 136	81 326,263	2 940 195,731	36,153	35,691	60	61	85 077	25 929,965	388 497,646	14,983	14,521
11	12	99 121	79 719,560	2 858 869,468	35,862	35,400	61	62	83 752	25 025,468	362 567,680	14,488	14,026
12	13	99 105	78 143,269	2 779 149,907	35,565	35,103	62	63	82 328	24 117,729	337 542,212	13,996	13,534
13	14	99 088	76 598,479	2 701 006,638	35,262	34,800	63	64	80 794	23 204,299	313 424,483	13,507	13,046
14	15	99 068	75 081,487	2 624 408,160	34,954	34,493	64	65	79 157	22 288,408	290 220,184	13,021	12,560
15	16	99 044	73 591,203	2 549 326,673	34,642	34,180	65	66	77 402	21 366,834	267 931,776	12,540	12,078
16	17	99 015	72 127,215	2 475 735,470	34,325	33,863	66	67	75 547	20 445,795	246 564,942	12,059	11,598
17	18	98 975	70 684,392	2 403 608,255	34,005	33,543	67	68	73 591	19 526,103	226 119,146	11,580	11,119
18	19	98 926	69 263,996	2 332 923,863	33,682	33,220	68	69	71 532	18 607,509	206 593,044	11,103	10,641
19	20	98 869	67 866,745	2 263 659,867	33,354	32,893	69	70	69 410	17 701,462	187 985,534	10,620	10,158
20	21	98 809	66 495,926	2 195 793,122	33,021	32,560	70	71	67 149	16 789,194	170 284,072	10,142	9,681
21	22	98 749	65 151,912	2 129 297,196	32,682	32,220	71	72	64 766	15 875,752	153 494,879	9,669	9,207
22	23	98 687	63 834,810	2 064 145,284	32,336	31,874	72	73	62 276	14 966,025	137 619,127	9,195	8,734
23	24	98 621	62 541,348	2 000 310,473	31,984	31,522	73	74	59 708	14 067,672	122 653,102	8,719	8,257
24	25	98 559	61 276,498	1 937 769,126	31,623	31,162	74	75	57 026	13 172,298	108 585,430	8,243	7,782
25	26	98 493	60 034,761	1 876 492,628	31,257	30,795	75	76	54 209	12 276,101	95 413,132	7,772	7,311
26	27	98 427	58 817,844	1 816 457,866	30,883	30,421	76	77	51 221	11 372,056	83 137,031	7,311	6,849
27	28	98 359	57 624,641	1 757 640,022	30,502	30,040	77	78	48 088	10 467,046	71 764,975	6,856	6,395
28	29	98 282	56 450,852	1 700 015,381	30,115	29,653	78	79	44 809	9 561,995	61 297,929	6,411	5,949
29	30	98 206	55 301,151	1 643 564,530	29,720	29,259	79	80	41 330	8 646,638	51 735,934	5,983	5,522
30	31	98 121	54 169,680	1 588 263,379	29,320	28,859	80	81	37 665	7 725,368	43 089,296	5,578	5,116
31	32	98 033	53 059,992	1 534 093,699	28,912	28,451	81	82	33 896	6 815,998	35 363,928	5,188	4,727
32	33	97 932	51 965,752	1 481 033,707	28,500	28,039	82	83	30 048	5 923,734	28 547,930	4,819	4,358
33	34	97 828	50 892,999	1 429 067,956	28,080	27,618	83	84	26 186	5 061,247	22 624,196	4,470	4,008
34	35	97 720	49 840,167	1 378 174,957	27,652	27,190	84	85	22 355	4 235,953	17 562,949	4,146	3,685
35	36	97 602	48 803,911	1 328 334,789	27,218	26,756	85	86	18 662	3 466,906	13 326,997	3,844	3,382
36	37	97 470	47 782,082	1 279 530,879	26,778	26,317	86	87	15 175	2 763,793	9 860,091	3,568	3,106
37	38	97 339	46 782,074	1 231 748,797	26,330	25,868	87	88	12 002	2 143,115	7 096,298	3,311	2,850
38	39	97 191	45 794,968	1 184 966,723	25,875	25,414	88	89	9 211	1 612,497	4 953,183	3,072	2,610
39	40	97 031	44 823,191	1 139 171,755	25,415	24,953	89	90	6 824	1 171,215	3 340,685	2,852	2,391
40	41	96 859	43 866,552	1 094 348,565	24,947	24,486	90	91	4 870	819,449	2 169,470	2,647	2,186
41	42	96 664	42 919,610	1 050 482,013	24,476	24,014	91	92	3 327	548,835	1 350,021	2,460	1,998
42	43	96 455	41 987,446	1 007 562,402	23,997	23,535	92	93	2 156	348,672	801,186	2,298	1,836
43	44	96 225	41 065,837	965 574,956	23,513	23,051	93	94	1 323	209,708	452,515	2,158	1,696
44	45	95 969	40 153,692	924 509,119	23,024	22,563	94	95	765	118,904	242,806	2,042	1,580
45	46	95 691	39 251,984	884 355,428	22,530	22,069	95	96	417	63,599	123,902	1,948	1,487
46	47	95 374	38 354,907	845 103,443	22,034	21,572	96	97	218	32,525	60,303	1,854	1,392
47	48	95 029	37 466,908	806 748,536	21,532	21,071	97	98	108	15,846	27,778	1,753	1,291
48	49	94 641	36 582,346	769 281,628	21,029	20,567	98	99	50	7,150	11,932	1,669	1,207
49	50	94 207	35 700,382	732 699,282	20,524	20,062	99	100	21	2,996	4,781	1,596	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	3 839 829,612	38,525	38,064	50	52	93 518	34 744,562	688 098,686	19,805	19,343
1	3	99 305	97 358,100	3 740 159,032	38,417	37,955	51	53	92 960	33 860,129	653 354,124	19,296	18,834
2	4	99 266	95 411,748	3 642 800,933	38,180	37,718	52	54	92 348	32 977,655	619 493,994	18,785	18,324
3	5	99 242	93 517,836	3 547 389,185	37,933	37,471	53	55	91 663	32 091,085	586 516,339	18,277	17,815
4	6	99 222	91 665,474	3 453 871,349	37,679	37,217	54	56	90 904	31 201,244	554 425,254	17,769	17,308
5	7	99 204	89 851,773	3 362 205,875	37,419	36,958	55	57	90 070	30 308,862	523 224,009	17,263	16,801
6	8	99 189	88 077,331	3 272 354,102	37,153	36,692	56	58	89 159	29 413,977	492 915,148	16,758	16,296
7	9	99 173	86 336,024	3 184 276,771	36,882	36,421	57	59	88 159	28 513,943	463 501,171	16,255	15,794
8	10	99 158	84 630,557	3 097 940,748	36,605	36,144	58	60	87 072	27 610,052	434 987,228	15,755	15,293
9	11	99 144	82 959,459	3 013 310,191	36,323	35,861	59	61	85 871	26 695,509	407 377,176	15,260	14,799
10	12	99 129	81 320,206	2 930 350,731	36,035	35,573	60	62	84 601	25 784,884	380 681,666	14,764	14,302
11	13	99 113	79 713,253	2 849 030,526	35,741	35,279	61	63	83 243	24 873,397	354 896,782	14,268	13,807
12	14	99 096	78 136,571	2 769 317,272	35,442	34,980	62	64	81 786	23 958,928	330 023,384	13,775	13,313
13	15	99 078	76 590,441	2 691 180,702	35,137	34,676	63	65	80 205	23 035,201	306 064,456	13,287	12,825
14	16	99 056	75 072,094	2 614 590,261	34,828	34,366	64	66	78 523	22 109,830	283 029,256	12,801	12,339
15	17	99 030	73 580,819	2 539 518,167	34,513	34,052	65	67	76 726	21 180,186	260 919,426	12,319	11,857
16	18	99 001	72 116,654	2 465 937,348	34,194	33,732	66	68	74 814	20 247,586	239 739,240	11,840	11,379
17	19	98 955	70 669,998	2 393 820,694	33,873	33,412	67	69	72 840	19 326,648	219 491,654	11,357	10,895
18	20	98 907	69 250,627	2 323 150,696	33,547	33,085	68	70	70 733	18 399,623	200 165,007	10,879	10,417
19	21	98 851	67 854,178	2 253 900,070	33,217	32,755	69	71	68 564	17 485,796	181 765,384	10,395	9,933
20	22	98 793	66 484,918	2 186 045,892	32,880	32,419	70	72	66 250	16 564,380	164 279,588	9,918	9,456
21	23	98 731	65 140,638	2 119 560,974	32,538	32,077	71	73	63 833	15 646,993	147 715,208	9,440	8,979
22	24	98 666	63 820,959	2 054 420,336	32,190	31,729	72	74	61 312	14 734,310	132 068,215	8,963	8,502
23	25	98 605	62 530,743	1 990 599,377	31,834	31,372	73	75	58 687	13 826,997	117 333,905	8,486	8,024
24	26	98 541	61 265,072	1 928 068,635	31,471	31,009	74	76	55 939	12 921,135	103 506,909	8,011	7,549
25	27	98 474	60 023,080	1 866 803,562	31,101	30,640	75	77	53 026	12 008,162	90 585,774	7,544	7,082
26	28	98 405	58 804,997	1 806 780,482	30,725	30,263	76	78	49 969	11 093,988	78 577,612	7,083	6,621
27	29	98 334	57 610,269	1 747 975,485	30,341	29,880	77	79	46 737	10 172,919	67 483,624	6,634	6,172
28	30	98 257	56 436,243	1 690 365,216	29,952	29,490	78	80	43 333	9 247,183	57 310,705	6,198	5,736
29	31	98 177	55 284,730	1 633 928,973	29,555	29,093	79	81	39 742	8 314,538	48 063,522	5,781	5,319
30	32	98 090	54 152,390	1 578 644,243	29,152	28,690	80	82	36 005	7 384,968	39 748,984	5,382	4,921
31	33	97 999	53 041,577	1 524 491,853	28,741	28,280	81	83	32 189	6 472,870	32 364,016	5,000	4,538
32	34	97 897	51 947,249	1 471 450,276	28,326	27,864	82	84	28 302	5 579,672	25 891,145	4,640	4,179
33	35	97 790	50 873,094	1 419 503,027	27,903	27,441	83	85	24 426	4 721,025	20 311,473	4,302	3,841
34	36	97 681	49 820,108	1 368 629,933	27,471	27,010	84	86	20 628	3 908,847	15 590,448	3,989	3,527
35	37	97 557	48 781,029	1 318 809,825	27,035	26,574	85	87	17 003	3 158,671	11 681,602	3,698	3,237
36	38	97 425	47 760,092	1 270 028,796	26,592	26,130	86	88	13 639	2 484,125	8 522,930	3,431	2,969
37	39	97 282	46 754,675	1 222 268,705	26,142	25,681	87	89	10 624	1 897,032	6 038,806	3,183	2,722
38	40	97 133	45 767,688	1 175 514,029	25,684	25,223	88	90	8 005	1 401,392	4 141,774	2,955	2,494
39	41	96 965	44 792,769	1 129 746,342	25,222	24,760	89	91	5 815	997,949	2 740,382	2,746	2,284
40	42	96 785	43 833,088	1 084 953,573	24,752	24,290	90	92	4 055	682,327	1 742,432	2,554	2,092
41	43	96 583	42 883,995	1 041 120,485	24,278	23,816	91	93	2 703	445,896	1 060,106	2,377	1,916
42	44	96 369	41 949,660	998 236,489	23,796	23,334	92	94	1 705	275,730	614,209	2,228	1,766
43	45	96 127	41 023,948	956 286,829	23,310	22,849	93	95	1 012	160,391	338,479	2,110	1,649
44	46	95 863	40 109,043	915 262,881	22,819	22,358	94	96	574	89,293	178,089	1,994	1,533
45	47	95 569	39 202,145	875 153,838	22,324	21,863	95	97	305	46,460	88,796	1,911	1,450
46	48	95 237	38 299,923	835 951,693	21,826	21,365	96	98	157	23,514	42,336	1,800	1,339
47	49	94 877	37 406,977	797 651,770	21,324	20,862	97	99	75	11,017	18,822	1,708	1,247
48	50	94 470	36 516,079	760 244,793	20,819	20,358	98	100	33	4,787	7,804	1,630	1,169
49	51	94 021	35 630,028	723 728,714	20,312	19,851							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	3 829 198,556	38,423	37,962
1	4	99 293	97 346,501	3 729 539,845	38,312	37,850
2	5	99 257	95 403,072	3 632 193,345	38,072	37,610
3	6	99 234	93 510,822	3 536 790,273	37,822	37,361
4	7	99 215	91 659,440	3 443 279,450	37,566	37,104
5	8	99 199	89 847,344	3 351 620,011	37,303	36,842
6	9	99 183	88 071,878	3 261 772,666	37,035	36,574
7	10	99 167	86 330,437	3 173 700,789	36,762	36,301
8	11	99 152	84 625,542	3 087 370,352	36,483	36,021
9	12	99 137	82 953,280	3 002 744,809	36,198	35,736
10	13	99 121	81 313,772	2 919 791,529	35,908	35,446
11	14	99 105	79 706,420	2 838 477,757	35,612	35,150
12	15	99 086	78 128,371	2 758 771,337	35,311	34,849
13	16	99 066	76 580,859	2 680 642,965	35,004	34,542
14	17	99 042	75 061,501	2 604 062,106	34,692	34,231
15	18	99 016	73 570,045	2 529 000,605	34,375	33,914
16	19	98 981	72 101,968	2 455 430,560	34,055	33,593
17	20	98 936	70 656,357	2 383 328,592	33,731	33,270
18	21	98 889	69 237,804	2 312 672,235	33,402	32,940
19	22	98 834	67 842,944	2 243 434,431	33,068	32,606
20	23	98 776	66 473,413	2 175 591,487	32,729	32,267
21	24	98 710	65 126,503	2 109 118,075	32,385	31,923
22	25	98 649	63 810,137	2 043 991,572	32,032	31,571
23	26	98 586	62 519,083	1 980 181,435	31,673	31,212
24	27	98 522	61 253,152	1 917 662,351	31,307	30,846
25	28	98 453	60 009,970	1 856 409,199	30,935	30,473
26	29	98 381	58 790,331	1 796 399,230	30,556	30,094
27	30	98 309	57 595,361	1 737 608,899	30,169	29,708
28	31	98 228	56 419,485	1 680 013,538	29,777	29,316
29	32	98 146	55 267,083	1 623 594,053	29,377	28,916
30	33	98 056	54 133,596	1 568 326,970	28,971	28,510
31	34	97 964	53 022,692	1 514 193,373	28,557	28,096
32	35	97 858	51 926,932	1 461 170,681	28,139	27,677
33	36	97 750	50 852,618	1 409 243,749	27,712	27,251
34	37	97 635	49 796,750	1 358 391,131	27,279	26,817
35	38	97 512	48 758,579	1 308 594,381	26,838	26,377
36	39	97 368	47 732,120	1 259 835,803	26,394	25,932
37	40	97 224	46 726,823	1 212 103,682	25,940	25,479
38	41	97 067	45 736,625	1 165 376,859	25,480	25,019
39	42	96 891	44 758,599	1 119 640,234	25,015	24,553
40	43	96 705	43 796,715	1 074 881,635	24,543	24,081
41	44	96 496	42 845,403	1 031 084,920	24,065	23,604
42	45	96 270	41 906,870	988 239,518	23,582	23,120
43	46	96 020	40 978,331	946 332,648	23,093	22,632
44	47	95 741	40 058,115	905 354,316	22,601	22,139
45	48	95 432	39 145,947	865 296,202	22,104	21,643
46	49	95 085	38 238,660	826 150,255	21,605	21,143
47	50	94 705	37 339,216	787 911,595	21,101	20,640
48	51	94 283	36 444,118	750 572,379	20,595	20,134
49	52	93 813	35 551,329	714 128,261	20,087	19,626
50	53	93 288	34 659,254	678 576,931	19,579	19,117
51	54	92 706	33 767,585	643 917,677	19,069	18,607
52	55	92 070	32 878,405	610 150,093	18,558	18,096
53	56	91 359	31 984,755	577 271,688	18,048	17,587
54	57	90 575	31 088,331	545 286,933	17,540	17,078
55	58	89 710	30 187,861	514 198,603	17,033	16,572
56	59	88 765	29 284,245	484 010,742	16,528	16,066
57	60	87 733	28 376,221	454 726,497	16,025	15,563
58	61	86 602	27 461,206	426 350,277	15,526	15,064
59	62	85 391	26 546,145	398 889,071	15,026	14,565
60	63	84 087	25 628,199	372 342,926	14,529	14,067
61	64	82 694	24 709,621	346 714,727	14,032	13,570
62	65	81 190	23 784,331	322 005,106	13,539	13,077
63	66	79 563	22 850,639	298 220,775	13,051	12,589
64	67	77 837	21 916,691	275 370,136	12,564	12,103
65	68	75 982	20 974,857	253 453,445	12,084	11,622
66	69	74 050	20 040,761	232 478,588	11,600	11,139
67	70	72 026	19 110,727	212 437,827	11,116	10,655
68	71	69 871	18 175,450	193 327,101	10,637	10,175
69	72	67 646	17 251,655	175 151,650	10,153	9,691
70	73	65 296	16 325,699	157 899,995	9,672	9,210
71	74	62 844	15 404,734	141 574,297	9,190	8,729
72	75	60 263	14 482,229	126 169,563	8,712	8,250
73	76	57 568	13 563,350	111 687,334	8,234	7,773
74	77	54 718	12 639,117	98 123,984	7,764	7,302
75	78	51 729	11 714,540	85 484,867	7,297	6,836
76	79	48 565	10 782,244	73 770,327	6,842	6,380
77	80	45 198	9 837,993	62 988,083	6,403	5,941
78	81	41 669	8 892,017	53 150,090	5,977	5,516
79	82	37 991	7 948,178	44 258,072	5,568	5,107
80	83	34 192	7 013,197	36 309,894	5,177	4,716
81	84	30 320	6 096,914	29 296,697	4,805	4,344
82	85	26 400	5 204,601	23 199,783	4,458	3,996
83	86	22 540	4 356,461	17 995,182	4,131	3,669
84	87	18 794	3 561,320	13 638,721	3,830	3,368
85	88	15 282	2 839,045	10 077,400	3,550	3,088
86	89	12 073	2 198,885	7 238,355	3,292	2,830
87	90	9 233	1 648,676	5 039,470	3,057	2,595
88	91	6 821	1 194,075	3 390,794	2,840	2,378
89	92	4 842	830,957	2 196,720	2,644	2,182
90	93	3 295	554,351	1 365,762	2,464	2,002
91	94	2 138	352,616	811,412	2,301	1,840
92	95	1 304	210,886	458,796	2,176	1,714
93	96	760	120,448	247,910	2,058	1,597
94	97	420	65,230	127,462	1,954	1,492
95	98	220	33,588	62,232	1,853	1,391
96	99	109	16,349	28,644	1,752	1,290
97	100	50	7,376	12,296	1,667	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	3 817 834,523	38,314	37,852
1	5	99 284	97 337,649	3 718 187,686	38,199	37,737
2	6	99 250	95 395,918	3 620 850,037	37,956	37,494
3	7	99 228	93 504,667	3 525 454,119	37,704	37,242
4	8	99 210	91 654,921	3 431 949,452	37,444	36,983
5	9	99 193	89 841,781	3 340 294,531	37,180	36,718
6	10	99 177	88 066,179	3 250 452,750	36,909	36,448
7	11	99 161	86 325,322	3 162 386,571	36,633	36,172
8	12	99 145	84 619,239	3 076 061,249	36,352	35,890
9	13	99 129	82 946,717	2 991 442,010	36,065	35,603
10	14	99 113	81 306,802	2 908 495,292	35,772	35,310
11	15	99 095	79 698,056	2 827 188,491	35,474	35,012
12	16	99 073	78 118,597	2 747 490,435	35,171	34,709
13	17	99 052	76 570,053	2 669 371,837	34,862	34,400
14	18	99 028	75 050,510	2 592 801,784	34,547	34,086
15	19	98 995	73 555,063	2 517 751,273	34,229	33,768
16	20	98 961	72 088,051	2 444 196,210	33,906	33,444
17	21	98 918	70 643,273	2 372 108,159	33,579	33,117
18	22	98 872	69 226,341	2 301 464,886	33,246	32,784
19	23	98 817	67 831,204	2 232 238,545	32,909	32,447
20	24	98 755	66 458,989	2 164 407,340	32,568	32,106
21	25	98 693	65 115,460	2 097 948,352	32,219	31,757
22	26	98 631	63 798,239	2 032 832,892	31,863	31,402
23	27	98 567	62 506,919	1 969 034,653	31,501	31,039
24	28	98 500	61 239,772	1 906 527,734	31,132	30,671
25	29	98 428	59 995,003	1 845 287,962	30,757	30,296
26	30	98 355	58 775,117	1 785 292,959	30,375	29,913
27	31	98 280	57 578,259	1 726 517,842	29,986	29,524
28	32	98 196	56 401,477	1 668 939,583	29,590	29,129
29	33	98 112	55 247,903	1 612 538,106	29,187	28,726
30	34	98 021	54 114,322	1 557 290,203	28,778	28,316
31	35	97 926	53 001,954	1 503 175,881	28,361	27,899
32	36	97 819	51 906,032	1 450 173,927	27,938	27,477
33	37	97 705	50 828,776	1 398 267,895	27,509	27,048
34	38	97 590	49 773,832	1 347 439,118	27,071	26,610
35	39	97 455	48 730,023	1 297 665,287	26,630	26,168
36	40	97 310	47 703,686	1 248 935,264	26,181	25,719
37	41	97 158	46 695,110	1 201 231,577	25,725	25,263
38	42	96 993	45 701,734	1 154 536,468	25,262	24,801
39	43	96 811	44 721,457	1 108 834,733	24,794	24,333
40	44	96 618	43 757,301	1 064 113,276	24,319	23,857
41	45	96 398	42 801,699	1 020 355,975	23,839	23,378
42	46	96 163	41 860,271	977 554,276	23,353	22,891
43	47	95 898	40 926,300	935 694,005	22,863	22,401
44	48	95 604	40 000,690	894 767,705	22,369	21,907
45	49	95 279	39 083,330	854 767,015	21,870	21,409
46	50	94 912	38 169,392	815 683,685	21,370	20,908
47	51	94 518	37 265,633	777 514,293	20,864	20,403
48	52	94 075	36 363,621	740 248,660	20,357	19,895
49	53	93 583	35 464,040	703 885,039	19,848	19,386
50	54	93 033	34 564,525	668 420,999	19,338	18,877
51	55	92 427	33 665,957	633 856,473	18,828	18,366
52	56	91 765	32 769,466	600 190,517	18,316	17,854
53	57	91 029	31 869,006	567 421,051	17,805	17,343
54	58	90 213	30 964,217	535 552,045	17,296	16,834
55	59	89 315	30 054,715	504 587,828	16,789	16,327
56	60	88 337	29 142,802	474 533,113	16,283	15,821
57	61	87 260	28 223,244	445 390,311	15,781	15,319
58	62	86 118	27 307,557	417 167,067	15,277	14,815
59	63	84 872	26 384,834	389 859,510	14,776	14,314
60	64	83 533	25 459,452	363 474,676	14,277	13,815
61	65	82 092	24 529,553	338 015,224	13,780	13,318
62	66	80 539	23 593,767	313 485,671	13,287	12,825
63	67	78 868	22 651,029	289 891,904	12,798	12,337
64	68	77 082	21 704,222	267 240,875	12,313	11,851
65	69	75 206	20 760,603	245 536,653	11,827	11,365
66	70	73 223	19 816,862	224 776,050	11,343	10,881
67	71	71 148	18 877,891	204 959,188	10,857	10,395
68	72	68 935	17 932,075	186 081,297	10,377	9,915
69	73	66 671	17 003,070	168 149,223	9,889	9,428
70	74	64 285	16 072,932	151 146,153	9,404	8,942
71	75	61 769	15 141,184	135 073,221	8,921	8,459
72	76	59 114	14 206,089	119 932,037	8,442	7,981
73	77	56 311	13 267,315	105 725,948	7,969	7,507
74	78	53 380	12 330,067	92 458,633	7,499	7,037
75	79	50 276	11 385,359	80 128,567	7,038	6,576
76	80	46 966	10 427,257	68 743,208	6,593	6,131
77	81	43 462	9 460,136	58 315,951	6,164	5,703
78	82	39 833	8 500,212	48 855,815	5,748	5,286
79	83	36 079	7 548,055	40 355,603	5,346	4,885
80	84	32 206	6 605,857	32 807,548	4,966	4,505
81	85	28 282	5 687,073	26 201,691	4,607	4,146
82	86	24 361	4 802,695	20 514,617	4,271	3,810
83	87	20 536	3 969,138	15 711,923	3,959	3,497
84	88	16 892	3 200,950	11 742,784	3,669	3,207
85	89	13 527	2 513,052	8 541,834	3,399	2,937
86	90	10 492	1 911,011	6 028,782	3,155	2,693
87	91	7 867	1 404,776	4 117,771	2,931	2,470
88	92	5 680	994,264	2 712,995	2,729	2,267
89	93	3 934	675,104	1 718,731	2,546	2,084
90	94	2 605	438,381	1 043,627	2,381	1,919
91	95	1 635	269,690	605,246	2,244	1,783
92	96	979	158,368	335,556	2,119	1,657
93	97	555	87,989	177,187	2,014	1,552
94	98	303	47,157	89,198	1,891	1,430
95	99	153	23,353	42,041	1,800	1,339
96	100	73	10,945	18,688	1,707	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	3 805 717,435	38,196	37,734
1	6	99 277	97 330,349	3 706 079,658	38,077	37,616
2	7	99 243	95 389,638	3 608 749,309	37,832	37,370
3	8	99 223	93 500,058	3 513 359,671	37,576	37,114
4	9	99 204	91 649,247	3 419 859,614	37,315	36,853
5	10	99 186	89 835,968	3 328 210,367	37,048	36,586
6	11	99 171	88 060,960	3 238 374,399	36,774	36,313
7	12	99 153	86 318,892	3 150 313,438	36,496	36,035
8	13	99 137	84 612,545	3 063 994,547	36,212	35,750
9	14	99 121	82 939,607	2 979 382,002	35,922	35,461
10	15	99 102	81 298,270	2 896 442,395	35,627	35,166
11	16	99 082	79 688,086	2 815 144,125	35,327	34,865
12	17	99 059	78 107,575	2 735 456,039	35,022	34,560
13	18	99 037	76 558,842	2 657 348,464	34,710	34,248
14	19	99 007	75 035,227	2 580 789,622	34,394	33,933
15	20	98 976	73 540,865	2 505 754,395	34,073	33,611
16	21	98 943	72 074,703	2 432 213,530	33,746	33,284
17	22	98 901	70 631,578	2 360 138,827	33,415	32,953
18	23	98 855	69 214,362	2 289 507,250	33,078	32,617
19	24	98 796	67 816,486	2 220 292,888	32,740	32,278
20	25	98 738	66 447,719	2 152 476,402	32,394	31,932
21	26	98 675	65 103,318	2 086 028,683	32,042	31,580
22	27	98 612	63 785,826	2 020 925,365	31,683	31,221
23	28	98 546	62 493,265	1 957 139,539	31,318	30,856
24	29	98 476	61 224,499	1 894 646,274	30,946	30,484
25	30	98 403	59 979,478	1 833 421,774	30,567	30,106
26	31	98 326	58 757,665	1 773 442,296	30,182	29,721
27	32	98 248	57 559,880	1 714 684,632	29,790	29,328
28	33	98 162	56 381,903	1 657 124,751	29,391	28,929
29	34	98 077	55 228,232	1 600 742,849	28,984	28,523
30	35	97 982	54 093,157	1 545 514,617	28,571	28,110
31	36	97 886	52 980,622	1 491 421,459	28,150	27,689
32	37	97 773	51 881,696	1 438 440,838	27,725	27,264
33	38	97 660	50 805,384	1 386 559,141	27,292	26,830
34	39	97 533	49 744,681	1 335 753,758	26,852	26,391
35	40	97 397	48 700,994	1 286 009,076	26,406	25,945
36	41	97 244	47 671,310	1 237 308,082	25,955	25,493
37	42	97 084	46 659,488	1 189 636,772	25,496	25,035
38	43	96 912	45 663,811	1 142 977,284	25,030	24,569
39	44	96 723	44 681,211	1 097 313,474	24,559	24,097
40	45	96 519	43 712,667	1 052 632,262	24,081	23,619
41	46	96 291	42 754,105	1 008 919,596	23,598	23,137
42	47	96 041	41 807,120	966 165,491	23,110	22,648
43	48	95 761	40 867,630	924 358,371	22,618	22,157
44	49	95 451	39 936,706	883 490,741	22,122	21,661
45	50	95 107	39 012,533	843 554,035	21,623	21,161
46	51	94 725	38 094,173	804 541,502	21,120	20,658
47	52	94 310	37 183,321	766 447,329	20,613	20,151
48	53	93 844	36 274,337	729 264,008	20,104	19,643
49	54	93 327	35 367,112	692 989,670	19,594	19,133
50	55	92 753	34 460,499	657 622,558	19,083	18,622
51	56	92 121	33 554,408	623 162,060	18,572	18,110
52	57	91 433	32 650,877	589 607,652	18,058	17,596
53	58	90 665	31 741,776	556 956,775	17,546	17,085
54	59	89 815	30 827,648	525 214,999	17,037	16,576
55	60	88 883	29 909,551	494 387,351	16,529	16,068
56	61	87 860	28 985,693	464 477,800	16,024	15,563
57	62	86 772	28 065,332	435 492,108	15,517	15,055
58	63	85 594	27 141,619	407 426,776	15,011	14,550
59	64	84 313	26 211,105	380 285,157	14,509	14,047
60	65	82 925	25 273,920	354 074,052	14,009	13,548
61	66	81 434	24 333,018	328 800,131	13,513	13,051
62	67	79 836	23 387,665	304 467,113	13,018	12,557
63	68	78 103	22 431,441	281 079,448	12,531	12,069
64	69	76 295	21 482,518	258 648,007	12,040	11,578
65	70	74 366	20 528,661	237 165,489	11,553	11,091
66	71	72 331	19 575,422	216 636,827	11,067	10,605
67	72	70 196	18 625,109	197 061,405	10,580	10,119
68	73	67 942	17 673,686	178 436,296	10,096	9,635
69	74	65 639	16 739,816	160 762,610	9,604	9,142
70	75	63 185	15 797,950	144 022,795	9,117	8,655
71	76	60 591	14 852,479	128 224,845	8,633	8,172
72	77	57 823	13 896,026	113 372,367	8,159	7,697
73	78	54 934	12 942,904	99 476,341	7,686	7,224
74	79	51 880	11 983,589	86 533,437	7,221	6,759
75	80	48 621	11 010,515	74 549,848	6,771	6,309
76	81	45 162	10 026,767	63 539,333	6,337	5,875
77	82	41 547	9 043,298	53 512,565	5,917	5,456
78	83	37 828	8 072,298	44 469,268	5,509	5,047
79	84	33 983	7 109,649	36 396,969	5,119	4,658
80	85	30 042	6 161,805	29 287,320	4,753	4,291
81	86	26 098	5 247,910	23 125,515	4,407	3,945
82	87	22 195	4 375,699	17 877,605	4,086	3,624
83	88	18 458	3 567,501	13 501,906	3,785	3,323
84	89	14 953	2 833,401	9 934,405	3,506	3,045
85	90	11 756	2 184,048	7 101,004	3,251	2,790
86	91	8 940	1 628,302	4 916,956	3,020	2,558
87	92	6 551	1 169,708	3 288,655	2,812	2,350
88	93	4 614	807,781	2 118,947	2,623	2,162
89	94	3 111	533,874	1 311,165	2,456	1,994
90	95	1 993	335,286	777,292	2,318	1,857
91	96	1 228	202,528	442,006	2,182	1,721
92	97	715	115,690	239,477	2,070	1,608
93	98	401	63,611	123,787	1,946	1,484
94	99	211	32,787	60,176	1,835	1,374
95	100	103	15,634	27,389	1,752	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	3 792 827,440	38,069	37,607
1	7	99 270	97 323,942	3 693 197,136	37,947	37,486
2	8	99 238	95 384,936	3 595 873,194	37,699	37,237
3	9	99 217	93 494,269	3 500 488,258	37,441	36,979
4	10	99 198	91 643,316	3 406 993,990	37,177	36,715
5	11	99 180	89 830,645	3 315 350,673	36,907	36,445
6	12	99 164	88 054,401	3 225 520,028	36,631	36,169
7	13	99 145	86 312,063	3 137 465,627	36,350	35,889
8	14	99 129	84 605,292	3 051 153,564	36,063	35,602
9	15	99 110	82 930,904	2 966 548,272	35,771	35,310
10	16	99 090	81 288,099	2 883 617,368	35,474	35,012
11	17	99 068	79 676,842	2 802 329,269	35,171	34,710
12	18	99 045	78 096,138	2 722 652,428	34,863	34,401
13	19	99 017	76 543,252	2 644 556,289	34,550	34,088
14	20	98 988	75 020,743	2 568 013,038	34,231	33,769
15	21	98 958	73 527,248	2 492 992,294	33,906	33,444
16	22	98 927	72 062,770	2 419 465,046	33,574	33,113
17	23	98 884	70 619,355	2 347 402,276	33,240	32,779
18	24	98 834	69 199,343	2 276 782,921	32,902	32,440
19	25	98 779	67 804,986	2 207 583,578	32,558	32,096
20	26	98 719	66 435,329	2 139 778,592	32,208	31,747
21	27	98 656	65 090,651	2 073 343,262	31,853	31,392
22	28	98 590	63 771,893	2 008 252,611	31,491	31,030
23	29	98 521	62 477,680	1 944 480,719	31,123	30,661
24	30	98 450	61 208,656	1 882 003,039	30,747	30,286
25	31	98 373	59 961,668	1 820 794,383	30,366	29,904
26	32	98 295	58 738,910	1 760 832,715	29,977	29,516
27	33	98 214	57 539,904	1 702 093,805	29,581	29,119
28	34	98 127	56 361,828	1 644 553,901	29,179	28,717
29	35	98 038	55 206,631	1 588 192,073	28,768	28,307
30	36	97 943	54 071,386	1 532 985,442	28,351	27,890
31	37	97 841	52 955,782	1 478 914,056	27,927	27,466
32	38	97 728	51 857,819	1 425 958,274	27,497	27,036
33	39	97 603	50 775,629	1 374 100,455	27,062	26,601
34	40	97 475	49 715,048	1 323 324,826	26,618	26,157
35	41	97 331	48 667,941	1 273 609,778	26,169	25,708
36	42	97 170	47 634,943	1 224 941,837	25,715	25,254
37	43	97 003	46 620,770	1 177 306,893	25,253	24,791
38	44	96 825	45 622,716	1 130 686,124	24,783	24,322
39	45	96 625	44 635,635	1 085 063,408	24,309	23,848
40	46	96 412	43 664,060	1 040 427,773	23,828	23,366
41	47	96 169	42 699,819	996 763,713	23,344	22,882
42	48	95 903	41 747,188	954 063,894	22,853	22,392
43	49	95 607	40 802,259	912 316,707	22,359	21,898
44	50	95 278	39 864,363	871 514,447	21,862	21,400
45	51	94 919	38 935,652	831 650,085	21,360	20,898
46	52	94 516	38 010,032	792 714,433	20,855	20,394
47	53	94 078	37 092,025	754 704,401	20,347	19,885
48	54	93 588	36 175,195	717 612,376	19,837	19,376
49	55	93 046	35 260,670	681 437,181	19,326	18,864
50	56	92 446	34 346,318	646 176,512	18,814	18,352
51	57	91 788	33 432,978	611 830,194	18,300	17,839
52	58	91 068	32 520,525	578 397,216	17,786	17,324
53	59	90 265	31 601,777	545 876,690	17,274	16,812
54	60	89 381	30 678,750	514 274,913	16,763	16,302
55	61	88 404	29 748,308	483 596,163	16,256	15,795
56	62	87 369	28 823,514	453 847,855	15,746	15,284
57	63	86 245	27 894,789	425 024,341	15,237	14,775
58	64	85 031	26 962,907	397 129,552	14,729	14,267
59	65	83 699	26 020,096	370 166,644	14,226	13,765
60	66	82 260	25 071,422	344 146,549	13,727	13,265
61	67	80 723	24 120,459	319 075,127	13,228	12,767
62	68	79 062	23 160,936	294 954,668	12,735	12,273
63	69	77 305	22 202,308	271 793,732	12,242	11,780
64	70	75 443	21 242,511	249 591,424	11,750	11,288
65	71	73 460	20 278,550	228 348,912	11,261	10,799
66	72	71 362	19 313,300	208 070,362	10,773	10,312
67	73	69 184	18 356,734	188 757,062	10,283	9,821
68	74	66 890	17 400,048	170 400,328	9,793	9,331
69	75	64 516	16 453,424	153 000,280	9,299	8,837
70	76	61 980	15 496,722	136 546,856	8,811	8,350
71	77	59 269	14 528,307	121 050,134	8,332	7,870
72	78	56 409	13 556,242	106 521,827	7,858	7,396
73	79	53 391	12 579,206	92 965,586	7,390	6,929
74	80	50 172	11 589,050	80 386,380	6,936	6,475
75	81	46 753	10 587,624	68 797,330	6,498	6,036
76	82	43 172	9 584,962	58 209,707	6,073	5,611
77	83	39 455	8 588,044	48 624,745	5,662	5,200
78	84	35 631	7 603,444	40 036,701	5,266	4,804
79	85	31 699	6 631,732	32 433,257	4,891	4,429
80	86	27 722	5 685,983	25 801,525	4,538	4,076
81	87	23 777	4 781,331	20 115,542	4,207	3,745
82	88	19 949	3 932,921	15 334,211	3,899	3,437
83	89	16 338	3 157,863	11 401,290	3,610	3,149
84	90	12 995	2 462,457	8 243,428	3,348	2,886
85	91	10 017	1 860,946	5 780,970	3,106	2,645
86	92	7 444	1 355,830	3 920,024	2,891	2,430
87	93	5 322	950,319	2 564,194	2,698	2,237
88	94	3 649	638,795	1 613,875	2,526	2,065
89	95	2 379	408,321	975,080	2,388	1,926
90	96	1 496	251,789	566,758	2,251	1,789
91	97	897	147,950	314,970	2,129	1,667
92	98	517	83,638	167,020	1,997	1,535
93	99	279	44,227	83,382	1,885	1,424
94	100	141	21,950	39,155	1,784	1,322

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	3 779 148,946	37,934	37,473
1	8	99 266	97 319,144	3 679 525,200	37,809	37,347
2	9	99 232	95 379,030	3 582 206,056	37,558	37,096
3	10	99 210	93 488,219	3 486 827,025	37,297	36,835
4	11	99 192	91 637,886	3 393 338,806	37,030	36,568
5	12	99 173	89 823,954	3 301 700,920	36,757	36,296
6	13	99 156	88 047,435	3 211 876,966	36,479	36,017
7	14	99 137	86 304,664	3 123 829,531	36,195	35,734
8	15	99 118	84 596,413	3 037 524,867	35,906	35,444
9	16	99 098	82 920,529	2 952 928,454	35,612	35,150
10	17	99 076	81 276,629	2 870 007,924	35,312	34,850
11	18	99 054	79 665,175	2 788 731,295	35,006	34,544
12	19	99 025	78 080,235	2 709 066,120	34,696	34,234
13	20	98 998	76 528,477	2 630 985,885	34,379	33,918
14	21	98 970	75 006,852	2 554 457,408	34,056	33,595
15	22	98 942	73 515,075	2 479 450,556	33,727	33,265
16	23	98 910	72 050,300	2 405 935,481	33,392	32,931
17	24	98 863	70 604,032	2 333 885,181	33,056	32,594
18	25	98 817	69 187,609	2 263 281,150	32,712	32,251
19	26	98 761	67 792,343	2 194 093,541	32,365	31,903
20	27	98 700	66 422,403	2 126 301,197	32,012	31,550
21	28	98 634	65 076,433	2 059 878,794	31,653	31,192
22	29	98 565	63 755,989	1 994 802,361	31,288	30,826
23	30	98 496	62 461,512	1 931 046,373	30,916	30,454
24	31	98 421	61 190,481	1 868 584,861	30,537	30,076
25	32	98 342	59 942,528	1 807 394,380	30,152	29,691
26	33	98 261	58 718,525	1 747 451,851	29,760	29,298
27	34	98 179	57 519,417	1 688 733,327	29,359	28,898
28	35	98 089	56 339,784	1 631 213,909	28,953	28,492
29	36	97 999	55 184,412	1 574 874,125	28,538	28,077
30	37	97 897	54 046,034	1 519 689,714	28,118	27,657
31	38	97 795	52 931,410	1 465 643,679	27,689	27,228
32	39	97 671	51 827,448	1 412 712,269	27,258	26,796
33	40	97 544	50 745,382	1 360 884,821	26,818	26,356
34	41	97 409	49 681,307	1 310 139,439	26,371	25,909
35	42	97 256	48 630,814	1 260 458,132	25,919	25,457
36	43	97 089	47 595,415	1 211 827,318	25,461	24,999
37	44	96 916	46 578,814	1 164 231,903	24,995	24,533
38	45	96 726	45 576,179	1 117 653,089	24,523	24,061
39	46	96 517	44 586,002	1 072 076,910	24,045	23,584
40	47	96 290	43 608,618	1 027 490,908	23,562	23,100
41	48	96 031	42 638,607	983 882,290	23,075	22,613
42	49	95 750	41 680,410	941 243,683	22,582	22,121
43	50	95 434	40 728,348	899 563,273	22,087	21,625
44	51	95 090	39 785,803	858 834,925	21,586	21,125
45	52	94 710	38 849,652	819 049,122	21,083	20,621
46	53	94 284	37 916,706	780 199,470	20,577	20,115
47	54	93 821	36 990,647	742 282,764	20,067	19,605
48	55	93 306	36 066,320	705 292,117	19,555	19,094
49	56	92 738	35 143,837	669 225,796	19,042	18,581
50	57	92 112	34 222,022	634 081,959	18,528	18,067
51	58	91 421	33 299,505	599 859,937	18,014	17,552
52	59	90 666	32 377,092	566 560,432	17,499	17,037
53	60	89 829	31 449,140	534 183,340	16,986	16,524
54	61	88 899	30 513,360	502 734,200	16,476	16,014
55	62	87 909	29 581,863	472 220,840	15,963	15,502
56	63	86 838	28 648,365	442 638,977	15,451	14,989
57	64	85 677	27 711,118	413 990,612	14,940	14,478
58	65	84 411	26 766,419	386 279,494	14,431	13,970
59	66	83 028	25 811,619	359 513,075	13,928	13,467
60	67	81 542	24 852,412	333 701,457	13,427	12,966
61	68	79 940	23 886,626	308 849,044	12,930	12,468
62	69	78 254	22 924,352	284 962,419	12,431	11,969
63	70	76 442	21 954,260	262 038,067	11,936	11,474
64	71	74 523	20 983,703	240 083,807	11,441	10,980
65	72	72 476	20 007,013	219 100,104	10,951	10,490
66	73	70 334	19 035,009	199 093,091	10,459	9,998
67	74	68 113	18 072,521	180 058,082	9,963	9,501
68	75	65 746	17 102,361	161 985,562	9,472	9,010
69	76	63 286	16 139,698	144 883,201	8,977	8,515
70	77	60 627	15 158,489	128 743,503	8,493	8,032
71	78	57 820	14 173,063	113 585,014	8,014	7,553
72	79	54 824	13 175,308	99 411,951	7,545	7,084
73	80	51 633	12 165,057	86 236,643	7,089	6,627
74	81	48 245	11 143,938	74 071,587	6,647	6,185
75	82	44 693	10 121,106	62 927,649	6,217	5,756
76	83	40 999	9 102,440	52 806,543	5,801	5,340
77	84	37 164	8 089,234	43 704,103	5,403	4,941
78	85	33 236	7 092,333	35 614,869	5,022	4,560
79	86	29 251	6 119,621	28 522,536	4,661	4,199
80	87	25 257	5 180,455	22 402,915	4,325	3,863
81	88	21 371	4 297,508	17 222,460	4,008	3,546
82	89	17 659	3 481,323	12 924,952	3,713	3,251
83	90	14 199	2 744,441	9 443,629	3,441	2,979
84	91	11 073	2 098,169	6 699,187	3,193	2,731
85	92	8 341	1 549,545	4 601,018	2,969	2,508
86	93	6 048	1 101,533	3 051,474	2,770	2,309
87	94	4 209	751,514	1 949,941	2,595	2,133
88	95	2 791	488,568	1 198,427	2,453	1,991
89	96	1 787	306,636	709,859	2,315	1,853
90	97	1 093	183,935	403,223	2,192	1,731
91	98	648	106,959	219,288	2,050	1,589
92	99	360	58,151	112,329	1,932	1,470
93	100	187	29,609	54,178	1,830	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	3 764 669,934	37,791	37,329
1	9	99 259	97 313,119	3 665 051,099	37,662	37,201
2	10	99 226	95 372,859	3 567 737,980	37,408	36,947
3	11	99 205	93 482,680	3 472 365,121	37,144	36,683
4	12	99 184	91 631,061	3 378 882,442	36,875	36,413
5	13	99 165	89 816,848	3 287 251,381	36,599	36,138
6	14	99 147	88 039,888	3 197 434,534	36,318	35,856
7	15	99 127	86 295,608	3 109 394,646	36,032	35,570
8	16	99 106	84 585,830	3 023 099,038	35,740	35,278
9	17	99 084	82 908,829	2 938 513,208	35,443	34,981
10	18	99 061	81 264,729	2 855 604,379	35,140	34,678
11	19	99 033	79 648,952	2 774 339,650	34,832	34,370
12	20	99 006	78 065,163	2 694 690,698	34,518	34,057
13	21	98 979	76 514,306	2 616 625,535	34,198	33,736
14	22	98 954	74 994,434	2 540 111,228	33,871	33,409
15	23	98 924	73 502,353	2 465 116,794	33,538	33,076
16	24	98 888	72 034,666	2 391 614,441	33,201	32,739
17	25	98 846	70 592,060	2 319 579,775	32,859	32,397
18	26	98 799	69 174,708	2 248 987,715	32,512	32,050
19	27	98 741	67 779,153	2 179 813,007	32,161	31,699
20	28	98 679	66 407,894	2 112 033,854	31,804	31,342
21	29	98 610	65 060,203	2 045 625,960	31,442	30,980
22	30	98 540	63 739,490	1 980 565,757	31,073	30,611
23	31	98 466	62 442,965	1 916 826,267	30,697	30,236
24	32	98 390	61 170,949	1 854 383,302	30,315	29,853
25	33	98 308	59 921,726	1 793 212,353	29,926	29,464
26	34	98 226	58 697,618	1 733 290,627	29,529	29,068
27	35	98 141	57 496,921	1 674 593,009	29,125	28,663
28	36	98 049	56 317,108	1 617 096,088	28,714	28,253
29	37	97 953	55 158,539	1 560 778,980	28,296	27,835
30	38	97 852	54 021,161	1 505 620,441	27,871	27,409
31	39	97 738	52 900,411	1 451 599,280	27,440	26,979
32	40	97 613	51 796,574	1 398 698,870	27,004	26,542
33	41	97 478	50 710,941	1 346 902,296	26,560	26,099
34	42	97 335	49 643,407	1 296 191,355	26,110	25,648
35	43	97 176	48 590,460	1 246 547,948	25,654	25,193
36	44	97 002	47 552,583	1 197 957,488	25,192	24,731
37	45	96 817	46 531,302	1 150 404,905	24,723	24,262
38	46	96 619	45 525,501	1 103 873,604	24,247	23,786
39	47	96 395	44 529,390	1 058 348,103	23,767	23,306
40	48	96 152	43 546,104	1 013 818,713	23,282	22,820
41	49	95 877	42 570,403	970 272,610	22,792	22,331
42	50	95 577	41 604,908	927 702,207	22,298	21,836
43	51	95 246	40 648,086	886 097,299	21,799	21,338
44	52	94 880	39 697,925	845 449,213	21,297	20,835
45	53	94 477	38 754,264	805 751,288	20,791	20,330
46	54	94 026	37 813,074	766 997,024	20,284	19,822
47	55	93 539	36 879,319	729 183,950	19,772	19,311
48	56	92 997	35 946,819	692 304,631	19,259	18,798
49	57	92 402	35 016,656	656 357,812	18,744	18,283
50	58	91 744	34 085,398	621 341,156	18,229	17,767
51	59	91 018	33 152,635	587 255,758	17,714	17,252
52	60	90 229	32 220,710	554 103,122	17,197	16,736
53	61	89 345	31 279,597	521 882,412	16,684	16,223
54	62	88 402	30 342,635	490 602,815	16,169	15,707
55	63	87 375	29 402,105	460 260,180	15,654	15,192
56	64	86 266	28 459,732	430 858,075	15,139	14,678
57	65	85 053	27 509,177	402 398,343	14,628	14,166
58	66	83 735	26 551,962	374 889,166	14,119	13,657
59	67	82 303	25 586,143	348 337,204	13,614	13,153
60	68	80 751	24 611,483	322 751,061	13,114	12,652
61	69	79 124	23 642,629	298 139,578	12,610	12,149
62	70	77 380	22 668,237	274 496,949	12,109	11,648
63	71	75 510	21 686,780	251 828,712	11,612	11,150
64	72	73 526	20 702,723	230 141,932	11,117	10,655
65	73	71 432	19 718,725	209 439,209	10,621	10,160
66	74	69 245	18 740,294	189 720,484	10,124	9,662
67	75	66 948	17 763,329	170 980,189	9,625	9,164
68	76	64 492	16 776,261	153 216,861	9,133	8,671
69	77	61 905	15 787,431	136 440,600	8,642	8,181
70	78	59 145	14 787,835	120 653,168	8,159	7,697
71	79	56 195	13 774,796	105 865,333	7,685	7,224
72	80	53 019	12 741,533	92 090,537	7,228	6,766
73	81	49 650	11 697,822	79 349,003	6,783	6,322
74	82	46 119	10 652,907	67 651,182	6,350	5,889
75	83	42 443	9 611,594	56 998,274	5,930	5,469
76	84	38 617	8 573,753	47 386,681	5,527	5,065
77	85	34 666	7 545,468	38 812,928	5,144	4,682
78	86	30 669	6 544,654	31 267,460	4,778	4,316
79	87	26 650	5 575,540	24 722,806	4,434	3,973
80	88	22 701	4 656,245	19 147,266	4,112	3,651
81	89	18 917	3 804,046	14 491,021	3,809	3,348
82	90	15 347	3 025,555	10 686,975	3,532	3,071
83	91	12 099	2 338,437	7 661,420	3,276	2,815
84	92	9 220	1 747,072	5 322,983	3,047	2,585
85	93	6 777	1 258,915	3 575,911	2,840	2,379
86	94	4 783	871,094	2 316,997	2,660	2,198
87	95	3 219	574,779	1 445,903	2,516	2,054
88	96	2 096	366,898	871,124	2,374	1,913
89	97	1 305	224,002	504,226	2,251	1,789
90	98	790	132,975	280,224	2,107	1,646
91	99	451	74,366	147,249	1,980	1,518
92	100	241	38,930	72,884	1,872	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	3 749 380,297	37,640	37,178
1	10	99 253	97 306,822	3 649 767,630	37,508	37,046
2	11	99 220	95 367,207	3 552 460,808	37,250	36,789
3	12	99 197	93 475,717	3 457 093,600	36,984	36,522
4	13	99 177	91 623,811	3 363 617,884	36,711	36,250
5	14	99 157	89 809,149	3 271 994,073	36,433	35,971
6	15	99 137	88 030,649	3 182 184,924	36,149	35,687
7	16	99 114	86 284,812	3 094 154,275	35,860	35,398
8	17	99 092	84 573,895	3 007 869,463	35,565	35,103
9	18	99 069	82 896,689	2 923 295,568	35,264	34,803
10	19	99 041	81 248,180	2 840 398,878	34,960	34,498
11	20	99 014	79 633,578	2 759 150,699	34,648	34,186
12	21	98 987	78 050,708	2 679 517,120	34,330	33,869
13	22	98 963	76 501,639	2 601 466,412	34,005	33,544
14	23	98 936	74 981,456	2 524 964,774	33,675	33,213
15	24	98 903	73 486,404	2 449 983,317	33,339	32,878
16	25	98 871	72 022,451	2 376 496,913	32,997	32,535
17	26	98 827	70 578,897	2 304 474,461	32,651	32,189
18	27	98 779	69 161,249	2 233 895,565	32,300	31,838
19	28	98 720	67 764,348	2 164 734,316	31,945	31,483
20	29	98 654	66 391,333	2 096 969,968	31,585	31,123
21	30	98 584	65 043,367	2 030 578,635	31,219	30,757
22	31	98 511	63 720,563	1 965 535,268	30,846	30,385
23	32	98 435	62 423,034	1 901 814,705	30,467	30,005
24	33	98 355	61 149,720	1 839 391,671	30,080	29,619
25	34	98 273	59 900,391	1 778 241,951	29,687	29,225
26	35	98 187	58 674,660	1 718 341,561	29,286	28,824
27	36	98 101	57 473,779	1 659 666,900	28,877	28,415
28	37	98 003	56 290,704	1 602 193,121	28,463	28,001
29	38	97 908	55 133,153	1 545 902,417	28,039	27,578
30	39	97 795	53 989,523	1 490 769,264	27,612	27,151
31	40	97 680	52 868,898	1 436 779,741	27,176	26,715
32	41	97 546	51 761,420	1 383 910,843	26,736	26,275
33	42	97 404	50 672,256	1 332 149,423	26,290	25,828
34	43	97 254	49 602,212	1 281 477,167	25,835	25,373
35	44	97 088	48 546,732	1 231 874,955	25,375	24,913
36	45	96 903	47 504,077	1 183 328,223	24,910	24,448
37	46	96 709	46 479,561	1 135 824,146	24,437	23,975
38	47	96 496	45 467,695	1 089 344,585	23,959	23,497
39	48	96 257	44 465,555	1 043 876,890	23,476	23,014
40	49	95 998	43 476,448	999 411,335	22,987	22,526
41	50	95 703	42 493,289	955 934,887	22,496	22,035
42	51	95 388	41 522,918	913 441,598	21,998	21,537
43	52	95 036	40 558,304	871 918,679	21,498	21,036
44	53	94 647	39 600,455	831 360,376	20,994	20,532
45	54	94 219	38 648,343	791 759,921	20,486	20,025
46	55	93 743	37 699,270	753 111,578	19,977	19,515
47	56	93 229	36 757,123	715 412,308	19,463	19,002
48	57	92 660	35 816,731	678 655,184	18,948	18,486
49	58	92 033	34 876,860	642 838,453	18,432	17,970
50	59	91 339	33 935,063	607 961,593	17,915	17,454
51	60	90 578	32 992,508	574 026,530	17,399	16,937
52	61	89 742	32 047,008	541 034,022	16,883	16,421
53	62	88 845	31 104,585	508 987,015	16,364	15,902
54	63	87 865	30 158,254	477 882,430	15,846	15,384
55	64	86 800	29 208,509	447 724,176	15,329	14,867
56	65	85 637	28 252,336	418 515,667	14,813	14,352
57	66	84 371	27 288,769	390 263,331	14,301	13,840
58	67	83 003	26 320,020	362 974,562	13,791	13,329
59	68	81 505	25 338,101	336 654,542	13,286	12,825
60	69	79 926	24 360,082	311 316,441	12,780	12,318
61	70	78 240	23 378,489	286 956,360	12,274	11,813
62	71	76 437	22 392,058	263 577,871	11,771	11,309
63	72	74 499	21 396,386	241 185,813	11,272	10,811
64	73	72 466	20 404,411	219 789,427	10,772	10,310
65	74	70 326	19 413,425	199 385,016	10,270	9,809
66	75	68 060	18 419,678	179 971,591	9,771	9,309
67	76	65 671	17 424,626	161 551,914	9,271	8,810
68	77	63 085	16 410,101	144 127,288	8,783	8,321
69	78	60 391	15 401,399	127 717,187	8,293	7,831
70	79	57 483	14 372,294	112 315,787	7,815	7,353
71	80	54 345	13 321,285	97 943,494	7,352	6,891
72	81	50 983	12 252,157	84 622,209	6,907	6,445
73	82	47 462	11 182,385	72 370,052	6,472	6,010
74	83	43 797	10 116,623	61 187,667	6,048	5,587
75	84	39 978	9 053,334	51 071,044	5,641	5,180
76	85	36 022	7 997,417	42 017,710	5,254	4,792
77	86	31 989	6 962,797	34 020,292	4,886	4,424
78	87	27 942	5 962,784	27 057,495	4,538	4,076
79	88	23 953	5 011,350	21 094,711	4,209	3,748
80	89	20 095	4 121,591	16 083,361	3,902	3,441
81	90	16 441	3 306,027	11 961,770	3,618	3,157
82	91	13 076	2 577,964	8 655,742	3,358	2,896
83	92	10 074	1 947,135	6 077,778	3,121	2,660
84	93	7 491	1 419,394	4 130,644	2,910	2,449
85	94	5 359	995,552	2 711,250	2,723	2,262
86	95	3 658	666,236	1 715,698	2,575	2,114
87	96	2 417	431,640	1 049,462	2,431	1,970
88	97	1 531	268,024	617,822	2,305	1,843
89	98	944	161,941	349,798	2,160	1,698
90	99	549	92,453	187,857	2,032	1,570
91	100	302	49,786	95,403	1,916	1,455

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	3 733 275,247	37,480	37,019
1	11	99 247	97 301,057	3 633 669,025	37,345	36,883
2	12	99 213	95 360,104	3 536 367,969	37,084	36,623
3	13	99 189	93 468,321	3 441 007,864	36,815	36,353
4	14	99 168	91 615,957	3 347 539,543	36,539	36,077
5	15	99 146	89 799,724	3 255 923,586	36,258	35,796
6	16	99 124	88 019,636	3 166 123,861	35,971	35,509
7	17	99 100	86 272,637	3 078 104,225	35,679	35,217
8	18	99 077	84 561,512	2 991 831,588	35,381	34,919
9	19	99 049	82 879,808	2 907 270,076	35,078	34,617
10	20	99 022	81 232,497	2 824 390,268	34,769	34,308
11	21	98 996	79 618,832	2 743 157,771	34,454	33,992
12	22	98 971	78 037,786	2 663 538,939	34,131	33,670
13	23	98 946	76 488,400	2 585 501,152	33,803	33,341
14	24	98 915	74 965,187	2 509 012,752	33,469	33,007
15	25	98 886	73 473,943	2 434 047,565	33,128	32,666
16	26	98 853	72 009,022	2 360 573,622	32,782	32,320
17	27	98 808	70 565,164	2 288 564,600	32,432	31,970
18	28	98 758	69 146,142	2 217 999,436	32,077	31,615
19	29	98 695	67 747,448	2 148 853,294	31,719	31,257
20	30	98 628	66 374,152	2 081 105,846	31,354	30,893
21	31	98 555	65 024,053	2 014 731,694	30,984	30,523
22	32	98 479	63 700,224	1 949 707,641	30,608	30,146
23	33	98 401	62 401,370	1 886 007,417	30,224	29,762
24	34	98 320	61 127,948	1 823 606,047	29,833	29,371
25	35	98 235	59 876,963	1 762 478,099	29,435	28,973
26	36	98 148	58 651,045	1 702 601,136	29,029	28,568
27	37	98 055	57 446,833	1 643 950,091	28,617	28,155
28	38	97 958	56 264,798	1 586 503,259	28,197	27,735
29	39	97 851	55 100,864	1 530 238,461	27,772	27,310
30	40	97 736	53 957,361	1 475 137,597	27,339	26,877
31	41	97 614	52 833,016	1 421 180,236	26,899	26,438
32	42	97 472	51 721,933	1 368 347,220	26,456	25,994
33	43	97 323	50 630,207	1 316 625,287	26,005	25,543
34	44	97 166	49 557,574	1 265 995,079	25,546	25,084
35	45	96 989	48 497,212	1 216 437,506	25,083	24,621
36	46	96 795	47 451,255	1 167 940,294	24,613	24,152
37	47	96 587	46 420,544	1 120 489,039	24,138	23,676
38	48	96 358	45 402,516	1 074 068,495	23,657	23,195
39	49	96 103	44 394,429	1 028 665,979	23,171	22,709
40	50	95 824	43 397,693	984 271,550	22,680	22,219
41	51	95 515	42 409,549	940 873,857	22,185	21,724
42	52	95 178	41 431,203	898 464,309	21,686	21,224
43	53	94 802	40 458,721	857 033,105	21,183	20,721
44	54	94 389	39 492,221	816 574,384	20,677	20,215
45	55	93 935	38 532,026	777 082,163	20,167	19,706
46	56	93 433	37 574,358	738 550,137	19,656	19,194
47	57	92 891	36 624,104	700 975,780	19,140	18,678
48	58	92 290	35 673,741	664 351,676	18,623	18,161
49	59	91 628	34 723,033	628 677,935	18,106	17,644
50	60	90 898	33 771,156	593 954,902	17,588	17,126
51	61	90 090	32 814,645	560 183,746	17,071	16,610
52	62	89 240	31 867,701	527 369,101	16,549	16,087
53	63	88 305	30 915,573	495 501,399	16,028	15,566
54	64	87 286	29 959,679	464 585,826	15,507	15,045
55	65	86 167	28 995,656	434 626,147	14,989	14,528
56	66	84 951	28 025,973	405 630,490	14,473	14,012
57	67	83 634	27 050,391	377 604,517	13,959	13,498
58	68	82 199	26 064,863	350 554,126	13,449	12,988
59	69	80 672	25 079,277	324 489,263	12,939	12,477
60	70	79 033	24 087,926	299 409,986	12,430	11,968
61	71	77 286	23 093,656	275 322,060	11,922	11,460
62	72	75 414	22 092,220	252 228,403	11,417	10,955
63	73	73 426	21 088,078	230 136,183	10,913	10,451
64	74	71 344	20 088,494	209 048,105	10,406	9,945
65	75	69 122	19 081,292	188 959,610	9,903	9,441
66	76	66 762	18 068,460	169 878,318	9,402	8,940
67	77	64 238	17 044,314	151 809,858	8,907	8,445
68	78	61 542	16 008,843	134 765,544	8,418	7,957
69	79	58 694	14 968,616	118 756,701	7,934	7,472
70	80	55 590	13 899,110	103 788,084	7,467	7,006
71	81	52 258	12 809,641	89 888,974	7,017	6,556
72	82	48 737	11 712,295	77 079,333	6,581	6,119
73	83	45 073	10 619,447	65 367,038	6,155	5,694
74	84	41 254	9 529,031	54 747,591	5,745	5,284
75	85	37 291	8 444,760	45 218,560	5,355	4,893
76	86	33 240	7 379,846	36 773,800	4,983	4,521
77	87	29 145	6 343,751	29 393,954	4,634	4,172
78	88	25 115	5 359,410	23 050,203	4,301	3,839
79	89	21 203	4 435,922	17 690,793	3,988	3,526
80	90	17 464	3 582,000	13 254,871	3,700	3,239
81	91	14 009	2 816,944	9 672,871	3,434	2,972
82	92	10 888	2 146,580	6 855,927	3,194	2,732
83	93	8 185	1 581,933	4 709,347	2,977	2,515
84	94	5 924	1 122,459	3 127,414	2,786	2,325
85	95	4 099	761,425	2 004,955	2,633	2,172
86	96	2 747	500,321	1 243,530	2,485	2,024
87	97	1 766	315,319	743,208	2,357	1,895
88	98	1 107	193,767	427,889	2,208	1,747
89	99	656	112,592	234,123	2,079	1,618
90	100	368	61,895	121,530	1,963	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	3 716 351,043	37,313	36,851
1	12	99 240	97 293,809	3 616 750,723	37,173	36,712
2	13	99 205	95 352,560	3 519 456,914	36,910	36,448
3	14	99 181	93 460,309	3 424 104,354	36,637	36,175
4	15	99 158	91 606,343	3 330 644,045	36,358	35,897
5	16	99 134	89 788,490	3 239 037,701	36,074	35,612
6	17	99 110	88 007,216	3 149 249,211	35,784	35,322
7	18	99 086	86 260,005	3 061 241,995	35,489	35,027
8	19	99 057	84 544,292	2 974 981,990	35,188	34,727
9	20	99 030	82 863,810	2 890 437,698	34,882	34,420
10	21	99 004	81 217,455	2 807 573,888	34,569	34,107
11	22	98 980	79 605,651	2 726 356,432	34,248	33,787
12	23	98 954	78 024,282	2 646 750,781	33,922	33,461
13	24	98 924	76 471,803	2 568 726,499	33,591	33,129
14	25	98 898	74 952,475	2 492 254,696	33,251	32,790
15	26	98 868	73 460,243	2 417 302,221	32,906	32,445
16	27	98 834	71 995,011	2 343 841,977	32,556	32,094
17	28	98 787	70 549,751	2 271 846,967	32,202	31,740
18	29	98 733	69 128,897	2 201 297,216	31,843	31,382
19	30	98 670	67 729,916	2 132 168,319	31,480	31,019
20	31	98 599	66 354,443	2 064 438,402	31,112	30,651
21	32	98 523	65 003,298	1 998 083,959	30,738	30,277
22	33	98 445	63 678,117	1 933 080,661	30,357	29,895
23	34	98 366	62 379,152	1 869 402,544	29,968	29,507
24	35	98 282	61 104,040	1 807 023,392	29,573	29,111
25	36	98 195	59 852,863	1 745 919,352	29,170	28,709
26	37	98 102	58 623,547	1 686 066,489	28,761	28,299
27	38	98 010	57 420,394	1 627 442,942	28,343	27,881
28	39	97 901	56 231,846	1 570 022,548	27,921	27,459
29	40	97 792	55 068,040	1 513 790,703	27,489	27,028
30	41	97 670	53 920,741	1 458 722,662	27,053	26,591
31	42	97 539	52 792,712	1 404 801,922	26,610	26,148
32	43	97 391	51 679,014	1 352 009,210	26,162	25,700
33	44	97 235	50 584,643	1 300 330,196	25,706	25,244
34	45	97 067	49 507,023	1 249 745,553	25,244	24,782
35	46	96 881	48 443,285	1 200 238,530	24,776	24,315
36	47	96 672	47 391,004	1 151 795,245	24,304	23,842
37	48	96 448	46 353,999	1 104 404,240	23,825	23,364
38	49	96 204	45 329,891	1 058 050,242	23,341	22,880
39	50	95 929	44 314,011	1 012 720,351	22,853	22,392
40	51	95 635	43 312,170	968 406,340	22,359	21,897
41	52	95 304	42 315,876	925 094,170	21,862	21,400
42	53	94 944	41 329,477	882 778,294	21,360	20,898
43	54	94 543	40 348,141	841 448,817	20,855	20,393
44	55	94 104	39 373,364	801 100,675	20,346	19,885
45	56	93 624	38 404,354	761 727,312	19,834	19,373
46	57	93 095	37 438,381	723 322,958	19,320	18,859
47	58	92 520	36 477,890	685 884,577	18,803	18,341
48	59	91 883	35 516,400	649 406,687	18,285	17,823
49	60	91 185	34 555,321	613 890,287	17,765	17,304
50	61	90 408	33 589,095	579 334,966	17,248	16,786
51	62	89 586	32 631,043	545 745,871	16,725	16,263
52	63	88 698	31 674,053	513 114,828	16,200	15,738
53	64	87 724	30 712,012	481 440,775	15,676	15,214
54	65	86 650	29 741,353	450 728,762	15,155	14,693
55	66	85 477	28 763,339	420 987,410	14,636	14,175
56	67	84 209	27 781,155	392 224,071	14,118	13,657
57	68	82 823	26 788,153	364 442,916	13,605	13,143
58	69	81 359	25 798,616	337 654,763	13,088	12,626
59	70	79 771	24 799,087	311 856,147	12,575	12,114
60	71	78 070	23 794,450	287 057,060	12,064	11,602
61	72	76 252	22 784,424	263 262,610	11,554	11,093
62	73	74 327	21 773,886	240 478,186	11,044	10,583
63	74	72 289	20 761,577	218 704,300	10,534	10,072
64	75	70 124	19 744,812	197 942,723	10,025	9,563
65	76	67 804	18 717,459	178 197,911	9,520	9,059
66	77	65 305	17 674,096	159 480,452	9,023	8,562
67	78	62 667	16 627,549	141 806,356	8,528	8,067
68	79	59 813	15 558,991	125 178,807	8,045	7,584
69	80	56 762	14 475,800	109 619,816	7,573	7,111
70	81	53 455	13 365,274	95 144,016	7,119	6,657
71	82	49 955	12 245,215	81 778,742	6,678	6,217
72	83	46 283	11 122,680	69 533,527	6,252	5,790
73	84	42 455	10 002,649	58 410,846	5,840	5,378
74	85	38 480	8 888,480	48 408,197	5,446	4,985
75	86	34 411	7 792,645	39 519,717	5,071	4,610
76	87	30 285	6 723,721	31 727,073	4,719	4,257
77	88	26 196	5 701,827	25 003,351	4,385	3,924
78	89	22 231	4 744,015	19 301,525	4,069	3,607
79	90	18 427	3 855,179	14 557,510	3,776	3,314
80	91	14 880	3 052,090	10 702,330	3,507	3,045
81	92	11 664	2 345,571	7 650,240	3,262	2,800
82	93	8 846	1 743,971	5 304,670	3,042	2,580
83	94	6 472	1 250,995	3 560,699	2,846	2,385
84	95	4 531	858,487	2 309,703	2,690	2,229
85	96	3 078	571,805	1 451,216	2,538	2,076
86	97	2 007	365,492	879,411	2,406	1,944
87	98	1 277	227,958	513,919	2,254	1,793
88	99	770	134,720	285,961	2,123	1,661
89	100	439	75,378	151,241	2,006	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	3 698 604,727	37,137	36,676
1	13	99 232	97 286,112	3 599 011,826	36,994	36,532
2	14	99 196	95 344,386	3 501 725,714	36,727	36,266
3	15	99 170	93 450,502	3 406 381,328	36,451	35,990
4	16	99 145	91 594,883	3 312 930,826	36,169	35,708
5	17	99 120	89 775,821	3 221 335,943	35,882	35,420
6	18	99 096	87 994,331	3 131 560,122	35,588	35,127
7	19	99 065	86 242,439	3 043 565,791	35,291	34,829
8	20	99 038	84 527,973	2 957 323,352	34,986	34,525
9	21	99 012	82 848,467	2 872 795,380	34,675	34,214
10	22	98 987	81 204,009	2 789 946,913	34,357	33,896
11	23	98 962	79 591,876	2 708 742,904	34,033	33,571
12	24	98 932	78 007,352	2 629 151,028	33,704	33,242
13	25	98 908	76 458,836	2 551 143,676	33,366	32,905
14	26	98 880	74 938,499	2 474 684,840	33,023	32,561
15	27	98 849	73 445,950	2 399 746,341	32,674	32,212
16	28	98 812	71 979,285	2 326 300,391	32,319	31,857
17	29	98 762	70 532,156	2 254 321,106	31,962	31,500
18	30	98 708	69 111,008	2 183 788,950	31,598	31,137
19	31	98 640	67 709,805	2 114 677,942	31,231	30,770
20	32	98 568	66 333,263	2 046 968,137	30,859	30,397
21	33	98 489	64 980,739	1 980 634,874	30,480	30,019
22	34	98 410	63 655,445	1 915 654,135	30,094	29,633
23	35	98 327	62 354,755	1 851 998,690	29,701	29,239
24	36	98 242	61 079,446	1 789 643,935	29,300	28,839
25	37	98 149	59 824,801	1 728 564,489	28,894	28,432
26	38	98 057	58 596,567	1 668 739,688	28,478	28,017
27	39	97 953	57 386,765	1 610 143,121	28,058	27,596
28	40	97 843	56 198,348	1 552 756,356	27,630	27,168
29	41	97 726	55 030,666	1 496 558,007	27,195	26,733
30	42	97 595	53 879,607	1 441 527,342	26,755	26,293
31	43	97 458	52 748,904	1 387 647,735	26,307	25,845
32	44	97 304	51 632,506	1 334 898,832	25,854	25,392
33	45	97 136	50 533,045	1 283 266,325	25,395	24,933
34	46	96 959	49 451,973	1 232 733,280	24,928	24,466
35	47	96 758	48 381,775	1 183 281,307	24,457	23,996
36	48	96 534	47 323,067	1 134 899,532	23,982	23,520
37	49	96 294	46 279,852	1 087 576,464	23,500	23,038
38	50	96 029	45 247,778	1 041 296,612	23,013	22,552
39	51	95 739	44 226,682	996 048,834	22,521	22,060
40	52	95 424	43 216,503	951 822,152	22,025	21,563
41	53	95 070	42 211,977	908 605,649	21,525	21,063
42	54	94 684	41 216,518	866 393,671	21,021	20,559
43	55	94 259	40 226,708	825 177,153	20,513	20,052
44	56	93 793	39 242,905	784 950,445	20,002	19,541
45	57	93 285	38 265,373	745 707,540	19,488	19,026
46	58	92 723	37 288,916	707 442,167	18,972	18,510
47	59	92 112	36 317,002	670 153,251	18,453	17,991
48	60	91 440	35 344,855	633 836,249	17,933	17,471
49	61	90 693	34 369,032	598 491,393	17,414	16,952
50	62	89 902	33 401,161	564 122,361	16,889	16,428
51	63	89 042	32 432,756	530 721,200	16,364	15,902
52	64	88 114	31 465,498	498 288,444	15,836	15,374
53	65	87 085	30 488,203	466 822,946	15,312	14,850
54	66	85 956	29 503,060	436 334,743	14,789	14,328
55	67	84 730	28 512,079	406 831,683	14,269	13,807
56	68	83 393	27 511,833	378 319,604	13,751	13,290
57	69	81 977	26 514,518	350 807,771	13,231	12,769
58	70	80 450	25 510,389	324 293,253	12,712	12,251
59	71	78 799	24 496,947	298 782,864	12,197	11,735
60	72	77 025	23 475,834	274 285,918	11,684	11,222
61	73	75 153	22 456,116	250 810,083	11,169	10,707
62	74	73 176	21 436,766	228 353,968	10,652	10,191
63	75	71 052	20 406,379	206 917,202	10,140	9,678
64	76	68 786	19 368,327	186 510,822	9,630	9,168
65	77	66 325	18 308,930	167 142,495	9,129	8,667
66	78	63 708	17 241,931	148 833,565	8,632	8,170
67	79	60 906	16 160,311	131 591,633	8,143	7,681
68	80	57 843	15 046,738	115 431,322	7,672	7,210
69	81	54 581	13 919,814	100 384,585	7,212	6,750
70	82	51 100	12 776,365	86 464,771	6,768	6,306
71	83	47 440	11 628,772	73 688,406	6,337	5,875
72	84	43 595	10 476,654	62 059,633	5,924	5,462
73	85	39 601	9 330,262	51 582,980	5,529	5,067
74	86	35 509	8 202,100	42 252,718	5,151	4,690
75	87	31 352	7 099,819	34 050,618	4,796	4,334
76	88	27 220	6 043,348	26 950,799	4,460	3,998
77	89	23 188	5 047,114	20 907,452	4,142	3,681
78	90	19 321	4 122,938	15 860,338	3,847	3,385
79	91	15 701	3 284,856	11 737,400	3,573	3,112
80	92	12 390	2 541,369	8 452,544	3,326	2,864
81	93	9 477	1 905,639	5 911,176	3,102	2,640
82	94	6 996	1 379,135	4 005,537	2,904	2,443
83	95	4 950	956,796	2 626,401	2,745	2,283
84	96	3 402	644,695	1 669,606	2,590	2,128
85	97	2 248	417,712	1 024,910	2,454	1,992
86	98	1 451	264,230	607,199	2,298	1,836
87	99	888	158,492	342,968	2,164	1,702
88	100	515	90,191	184,476	2,045	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	3 680 036,661	36,954	36,492
1	14	99 223	97 277,773	3 580 451,640	36,806	36,345
2	15	99 186	95 334,381	3 483 173,867	36,536	36,075
3	16	99 158	93 438,811	3 387 839,486	36,257	35,796
4	17	99 131	91 581,959	3 294 400,675	35,972	35,511
5	18	99 105	89 762,676	3 202 818,716	35,681	35,219
6	19	99 076	87 976,411	3 113 056,040	35,385	34,924
7	20	99 046	86 225,792	3 025 079,629	35,083	34,622
8	21	99 020	84 512,321	2 938 853,836	34,774	34,313
9	22	98 995	82 834,751	2 854 341,516	34,458	33,997
10	23	98 970	81 189,957	2 771 506,765	34,136	33,674
11	24	98 941	79 574,605	2 690 316,808	33,809	33,347
12	25	98 915	77 994,124	2 610 742,203	33,474	33,012
13	26	98 889	76 444,580	2 532 748,078	33,132	32,670
14	27	98 861	74 923,918	2 456 303,499	32,784	32,322
15	28	98 827	73 429,907	2 381 379,581	32,431	31,969
16	29	98 787	71 961,334	2 307 949,673	32,072	31,610
17	30	98 736	70 513,904	2 235 988,340	31,710	31,248
18	31	98 678	69 090,487	2 165 474,436	31,343	30,881
19	32	98 609	67 688,192	2 096 383,949	30,971	30,510
20	33	98 534	66 310,242	2 028 695,757	30,594	30,132
21	34	98 454	64 957,603	1 962 385,515	30,210	29,749
22	35	98 372	63 630,548	1 897 427,912	29,819	29,358
23	36	98 288	62 329,658	1 833 797,364	29,421	28,959
24	37	98 196	61 050,810	1 771 467,706	29,016	28,555
25	38	98 104	59 797,269	1 710 416,896	28,604	28,142
26	39	97 999	58 562,249	1 650 619,628	28,186	27,724
27	40	97 894	57 352,580	1 592 057,379	27,759	27,298
28	41	97 776	56 160,207	1 534 704,799	27,327	26,866
29	42	97 651	54 988,685	1 478 544,592	26,888	26,427
30	43	97 514	53 834,897	1 423 555,907	26,443	25,981
31	44	97 371	52 701,433	1 369 721,011	25,990	25,529
32	45	97 204	51 579,839	1 317 019,578	25,534	25,072
33	46	97 028	50 476,855	1 265 439,739	25,070	24,608
34	47	96 836	49 389,183	1 214 962,884	24,600	24,138
35	48	96 619	48 312,418	1 165 573,701	24,126	23,664
36	49	96 379	47 247,370	1 117 261,284	23,647	23,185
37	50	96 119	46 196,018	1 070 013,913	23,162	22,701
38	51	95 840	45 158,610	1 023 817,895	22,672	22,210
39	52	95 528	44 128,995	978 659,285	22,177	21,716
40	53	95 189	43 110,394	934 530,290	21,678	21,216
41	54	94 810	42 096,606	891 419,896	21,176	20,714
42	55	94 399	41 092,471	849 323,290	20,669	20,207
43	56	93 946	40 093,421	808 230,818	20,159	19,697
44	57	93 453	39 100,889	768 137,397	19,645	19,183
45	58	92 913	38 112,607	729 036,508	19,128	18,667
46	59	92 314	37 124,451	690 923,901	18,611	18,149
47	60	91 667	36 141,591	653 799,449	18,090	17,628
48	61	90 947	35 154,311	617 657,858	17,570	17,108
49	62	90 186	34 176,734	582 503,548	17,044	16,582
50	63	89 356	33 198,194	548 326,814	16,517	16,055
51	64	88 455	32 219,206	515 128,620	15,988	15,527
52	65	87 472	31 236,198	482 909,414	15,460	14,998
53	66	86 387	30 243,927	451 673,216	14,934	14,473
54	67	85 205	29 245,338	421 429,290	14,410	13,949
55	68	83 909	28 235,671	392 183,951	13,890	13,428
56	69	82 541	27 230,805	363 948,280	13,365	12,904
57	70	81 061	26 218,293	336 717,475	12,843	12,381
58	71	79 470	25 199,582	310 499,182	12,322	11,860
59	72	77 744	24 168,924	285 299,600	11,804	11,343
60	73	75 915	23 137,563	261 130,676	11,286	10,824
61	74	73 989	22 108,433	237 993,113	10,765	10,303
62	75	71 924	21 070,017	215 884,680	10,246	9,784
63	76	69 697	20 017,280	194 814,662	9,732	9,271
64	77	67 285	18 945,593	174 797,382	9,226	8,765
65	78	64 703	17 861,243	155 851,790	8,726	8,264
66	79	61 918	16 757,429	137 990,547	8,235	7,773
67	80	58 901	15 628,260	121 233,118	7,757	7,296
68	81	55 622	14 468,823	105 604,858	7,299	6,837
69	82	52 176	13 306,471	91 136,035	6,849	6,387
70	83	48 527	12 133,183	77 829,564	6,415	5,953
71	84	44 685	10 953,351	65 696,381	5,998	5,536
72	85	40 664	9 772,403	54 743,030	5,602	5,140
73	86	36 543	8 609,766	44 970,626	5,223	4,762
74	87	32 352	7 472,870	36 360,860	4,866	4,404
75	88	28 179	6 381,388	28 887,990	4,527	4,065
76	89	24 095	5 349,420	22 506,602	4,207	3,746
77	90	20 152	4 386,355	17 157,182	3,911	3,450
78	91	16 462	3 513,003	12 770,827	3,635	3,174
79	92	13 074	2 735,185	9 257,824	3,385	2,923
80	93	10 066	2 064,714	6 522,639	3,159	2,697
81	94	7 494	1 506,983	4 457,926	2,958	2,497
82	95	5 350	1 054,800	2 950,943	2,798	2,336
83	96	3 718	718,522	1 896,143	2,639	2,177
84	97	2 485	470,959	1 177,621	2,500	2,039
85	98	1 626	301,982	706,662	2,340	1,878
86	99	1 009	183,711	404,680	2,203	1,741
87	100	594	106,106	220,968	2,083	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	3 660 646,998	36,762	36,301
1	15	99 213	97 267,565	3 561 070,513	36,611	36,149
2	16	99 173	95 322,454	3 463 802,948	36,338	35,876
3	17	99 144	93 425,627	3 368 480,494	36,055	35,594
4	18	99 117	91 568,550	3 275 054,867	35,766	35,305
5	19	99 085	89 744,397	3 183 486,317	35,473	35,011
6	20	99 057	87 959,430	3 093 741,921	35,172	34,711
7	21	99 028	86 209,826	3 005 782,491	34,866	34,404
8	22	99 003	84 498,329	2 919 572,665	34,552	34,090
9	23	98 978	82 820,416	2 835 074,336	34,232	33,770
10	24	98 949	81 172,340	2 752 253,920	33,906	33,445
11	25	98 924	79 561,112	2 671 081,580	33,573	33,111
12	26	98 897	77 979,582	2 591 520,468	33,233	32,772
13	27	98 870	76 429,706	2 513 540,886	32,887	32,425
14	28	98 839	74 907,553	2 437 111,181	32,535	32,073
15	29	98 802	73 411,594	2 362 203,628	32,178	31,716
16	30	98 762	71 942,712	2 288 792,034	31,814	31,352
17	31	98 707	70 492,966	2 216 849,322	31,448	30,986
18	32	98 647	69 068,433	2 146 356,357	31,076	30,614
19	33	98 575	67 664,701	2 077 287,923	30,700	30,238
20	34	98 498	66 286,633	2 009 623,222	30,317	29,856
21	35	98 416	64 932,197	1 943 336,589	29,929	29,467
22	36	98 332	63 604,938	1 878 404,392	29,532	29,071
23	37	98 242	62 300,435	1 814 799,454	29,130	28,668
24	38	98 151	61 022,712	1 752 499,019	28,719	28,257
25	39	98 046	59 762,248	1 691 476,307	28,303	27,842
26	40	97 941	58 527,363	1 631 714,059	27,880	27,418
27	41	97 828	57 313,655	1 573 186,696	27,449	26,987
28	42	97 702	56 117,364	1 515 873,041	27,013	26,551
29	43	97 570	54 943,055	1 459 755,677	26,569	26,107
30	44	97 427	53 786,449	1 404 812,622	26,118	25,657
31	45	97 271	52 647,676	1 351 026,173	25,662	25,200
32	46	97 096	51 522,485	1 298 378,498	25,200	24,739
33	47	96 905	50 412,763	1 246 856,013	24,733	24,271
34	48	96 697	49 318,381	1 196 443,251	24,260	23,798
35	49	96 465	48 235,138	1 147 124,870	23,782	23,320
36	50	96 205	47 161,784	1 098 889,731	23,300	22,839
37	51	95 930	46 104,981	1 051 727,947	22,812	22,350
38	52	95 628	45 058,864	1 005 622,966	22,318	21,856
39	53	95 293	44 020,645	960 564,101	21,821	21,359
40	54	94 929	42 992,567	916 543,456	21,319	20,857
41	55	94 525	41 969,911	873 550,889	20,814	20,352
42	56	94 087	40 956,316	831 580,978	20,304	19,842
43	57	93 606	39 948,328	790 624,662	19,791	19,330
44	58	93 080	38 944,787	750 676,334	19,275	18,814
45	59	92 503	37 944,509	711 731,547	18,757	18,296
46	60	91 868	36 945,140	673 787,037	18,238	17,776
47	61	91 173	35 946,751	636 841,897	17,716	17,255
48	62	90 438	34 957,618	600 895,146	17,189	16,728
49	63	89 638	33 969,055	565 937,528	16,660	16,199
50	64	88 768	32 979,603	531 968,473	16,130	15,669
51	65	87 811	31 984,413	498 988,870	15,601	15,139
52	66	86 771	30 985,928	467 004,457	15,072	14,610
53	67	85 632	29 979,733	436 018,529	14,544	14,082
54	68	84 379	28 961,822	406 038,796	14,020	13,558
55	69	83 052	27 947,250	377 076,973	13,492	13,031
56	70	81 619	26 926,578	349 129,724	12,966	12,504
57	71	80 074	25 898,861	322 203,146	12,441	11,979
58	72	78 406	24 862,151	296 304,284	11,918	11,456
59	73	76 624	23 820,666	271 442,134	11,395	10,934
60	74	74 740	22 779,330	247 621,468	10,870	10,409
61	75	72 723	21 730,193	224 842,138	10,347	9,885
62	76	70 553	20 668,264	203 111,945	9,827	9,366
63	77	68 176	19 580,381	182 443,681	9,318	8,856
64	78	65 640	18 482,337	162 863,300	8,812	8,350
65	79	62 885	17 359,337	144 380,962	8,317	7,856
66	80	59 880	16 205,719	127 021,625	7,838	7,376
67	81	56 639	15 028,010	110 815,906	7,374	6,912
68	82	53 171	13 831,289	95 787,895	6,925	6,464
69	83	49 550	12 636,603	81 956,606	6,486	6,024
70	84	45 709	11 428,465	69 320,003	6,066	5,604
71	85	41 681	10 217,056	57 891,539	5,666	5,205
72	86	37 524	9 017,765	47 674,482	5,287	4,825
73	87	33 294	7 844,292	38 656,717	4,928	4,466
74	88	29 078	6 716,690	30 812,425	4,587	4,126
75	89	24 943	5 648,644	24 095,734	4,266	3,804
76	90	20 940	4 649,084	18 447,090	3,968	3,506
77	91	17 171	3 737,451	13 798,006	3,692	3,230
78	92	13 708	2 925,154	10 060,555	3,439	2,978
79	93	10 622	2 222,178	7 135,400	3,211	2,749
80	94	7 961	1 632,779	4 913,222	3,009	2,548
81	95	5 732	1 152,582	3 280,443	2,846	2,385
82	96	4 018	792,120	2 127,862	2,686	2,225
83	97	2 716	524,890	1 335,742	2,545	2,083
84	98	1 797	340,477	810,852	2,382	1,920
85	99	1 130	209,959	470,374	2,240	1,779
86	100	675	122,990	260,415	2,117	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	3 640 436,621	36,563	36,101
1	16	99 201	97 255,396	3 540 870,585	36,408	35,946
2	17	99 159	95 309,004	3 443 615,189	36,131	35,669
3	18	99 130	93 411,947	3 348 306,184	35,845	35,383
4	19	99 097	91 549,903	3 254 894,237	35,553	35,092
5	20	99 066	89 727,074	3 163 344,334	35,255	34,794
6	21	99 038	87 943,142	3 073 617,260	34,950	34,488
7	22	99 012	86 195,553	2 985 674,118	34,638	34,177
8	23	98 986	84 483,707	2 899 478,565	34,320	33,858
9	24	98 957	82 802,445	2 814 994,858	33,997	33,535
10	25	98 932	81 158,576	2 732 192,413	33,665	33,203
11	26	98 906	79 546,277	2 651 033,837	33,327	32,865
12	27	98 878	77 964,409	2 571 487,560	32,983	32,521
13	28	98 848	76 413,011	2 493 523,151	32,632	32,171
14	29	98 814	74 888,871	2 417 110,140	32,276	31,814
15	30	98 777	73 392,597	2 342 221,269	31,914	31,452
16	31	98 733	71 921,349	2 268 828,672	31,546	31,084
17	32	98 676	70 470,465	2 196 907,323	31,175	30,713
18	33	98 612	69 044,463	2 126 436,858	30,798	30,336
19	34	98 540	67 640,609	2 057 392,395	30,417	29,955
20	35	98 460	66 260,707	1 989 751,785	30,029	29,568
21	36	98 376	64 906,063	1 923 491,078	29,635	29,173
22	37	98 286	63 575,117	1 858 585,015	29,234	28,773
23	38	98 196	62 271,763	1 795 009,898	28,825	28,364
24	39	98 094	60 986,974	1 732 738,136	28,412	27,950
25	40	97 988	59 726,647	1 671 751,162	27,990	27,528
26	41	97 874	58 487,641	1 612 024,515	27,562	27,100
27	42	97 753	57 269,933	1 553 536,874	27,127	26,665
28	43	97 621	56 070,797	1 496 266,941	26,685	26,224
29	44	97 483	54 893,610	1 440 196,144	26,236	25,775
30	45	97 327	53 731,585	1 385 302,534	25,782	25,320
31	46	97 163	52 589,134	1 331 570,950	25,320	24,859
32	47	96 973	51 457,065	1 278 981,816	24,855	24,394
33	48	96 766	50 340,494	1 227 524,751	24,384	23,923
34	49	96 543	49 239,492	1 177 184,258	23,907	23,446
35	50	96 290	48 147,763	1 127 944,765	23,427	22,965
36	51	96 015	47 068,844	1 079 797,002	22,941	22,479
37	52	95 718	46 003,146	1 032 728,158	22,449	21,987
38	53	95 394	44 948,231	986 725,012	21,952	21,491
39	54	95 033	43 900,331	941 776,781	21,453	20,991
40	55	94 644	42 863,175	897 876,450	20,948	20,486
41	56	94 211	41 830,848	855 013,275	20,440	19,978
42	57	93 746	40 808,100	813 182,427	19,927	19,465
43	58	93 233	39 788,843	772 374,327	19,412	18,950
44	59	92 670	38 773,019	732 585,484	18,894	18,433
45	60	92 056	37 761,237	693 812,465	18,374	17,912
46	61	91 373	36 745,968	656 051,228	17,854	17,392
47	62	90 663	35 745,625	619 305,260	17,325	16,864
48	63	89 888	34 745,194	583 559,635	16,795	16,334
49	64	89 048	33 745,388	548 814,441	16,263	15,802

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	65	88 121	32 739,269	515 069,053	15,732	15,271
51	66	87 107	31 728,149	482 329,783	15,202	14,740
52	67	86 013	30 715,253	450 601,635	14,670	14,209
53	68	84 802	29 689,098	419 886,382	14,143	13,681
54	69	83 517	28 665,983	390 197,284	13,612	13,150
55	70	82 124	27 635,018	361 531,300	13,082	12,621
56	71	80 625	26 598,517	333 896,283	12,553	12,092
57	72	79 002	25 552,066	307 297,766	12,026	11,565
58	73	77 276	24 503,904	281 745,699	11,498	11,036
59	74	75 438	23 451,856	257 241,795	10,969	10,507
60	75	73 461	22 389,612	233 789,939	10,442	9,980
61	76	71 337	21 315,852	211 400,327	9,918	9,456
62	77	69 013	20 217,157	190 084,475	9,402	8,941
63	78	66 509	19 101,604	169 867,319	8,893	8,431
64	79	63 795	17 962,979	150 765,715	8,393	7,932
65	80	60 814	16 787,811	132 802,735	7,911	7,449
66	81	57 580	15 583,290	116 014,925	7,445	6,983
67	82	54 143	14 365,838	100 431,634	6,991	6,529
68	83	50 494	13 135,001	86 065,797	6,552	6,091
69	84	46 672	11 902,645	72 930,796	6,127	5,666
70	85	42 636	10 660,233	61 028,151	5,725	5,263
71	86	38 462	9 428,082	50 367,918	5,342	4,881
72	87	34 188	8 216,017	40 939,837	4,983	4,521
73	88	29 925	7 050,528	32 723,820	4,641	4,180
74	89	25 739	5 945,446	25 673,292	4,318	3,857
75	90	21 678	4 909,135	19 727,846	4,019	3,557
76	91	17 842	3 961,313	14 818,711	3,741	3,279
77	92	14 297	3 112,045	10 857,399	3,489	3,027
78	93	11 137	2 376,517	7 745,354	3,259	2,798
79	94	8 400	1 757,302	5 368,837	3,055	2,594
80	95	6 088	1 248,794	3 611,535	2,892	2,430
81	96	4 304	865,550	2 362,741	2,730	2,268
82	97	2 935	578,655	1 497,190	2,587	2,126
83	98	1 963	379,466	918,535	2,421	1,959
84	99	1 249	236,724	539,069	2,277	1,816
85	100	757	140,562	302,345	2,151	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	3 619 407,930	36,356	35,895
1	17	99 187	97 241,673	3 519 854,350	36,197	35,735
2	18	99 145	95 295,049	3 422 612,677	35,916	35,454
3	19	99 109	93 392,925	3 327 317,627	35,627	35,165
4	20	99 077	91 532,231	3 233 924,702	35,331	34,869
5	21	99 048	89 710,459	3 142 392,471	35,028	34,567
6	22	99 022	87 928,583	3 052 682,012	34,718	34,256
7	23	98 994	86 180,637	2 964 753,429	34,402	33,940
8	24	98 965	84 465,375	2 878 572,792	34,080	33,618
9	25	98 940	82 788,405	2 794 107,417	33,750	33,288
10	26	98 913	81 143,443	2 711 319,012	33,414	32,952
11	27	98 887	79 530,799	2 630 175,569	33,071	32,610
12	28	98 856	77 947,379	2 550 644,770	32,723	32,261
13	29	98 824	76 393,954	2 472 697,391	32,368	31,906
14	30	98 789	74 869,491	2 396 303,437	32,006	31,545
15	31	98 747	73 370,804	2 321 433,945	31,640	31,178
16	32	98 701	71 898,393	2 248 063,141	31,267	30,806
17	33	98 641	70 446,008	2 176 164,749	30,891	30,430
18	34	98 577	69 019,880	2 105 718,740	30,509	30,047
19	35	98 501	67 614,154	2 036 698,860	30,122	29,661
20	36	98 420	66 234,038	1 969 084,706	29,729	29,268
21	37	98 330	64 875,632	1 902 850,668	29,331	28,869
22	38	98 241	63 545,858	1 837 975,036	28,924	28,462
23	39	98 139	62 235,292	1 774 429,178	28,512	28,050
24	40	98 035	60 950,644	1 712 193,885	28,091	27,630
25	41	97 921	59 686,111	1 651 243,242	27,665	27,204
26	42	97 800	58 443,023	1 591 557,131	27,233	26,771
27	43	97 672	57 222,409	1 533 114,108	26,792	26,331
28	44	97 533	56 020,337	1 475 891,699	26,346	25,884
29	45	97 383	54 837,616	1 419 871,361	25,892	25,431
30	46	97 219	53 671,837	1 365 033,745	25,433	24,971
31	47	97 040	52 522,360	1 311 361,908	24,968	24,506
32	48	96 834	51 383,299	1 258 839,548	24,499	24,037
33	49	96 611	50 259,970	1 207 456,249	24,024	23,563
34	50	96 368	49 150,298	1 157 196,279	23,544	23,082
35	51	96 100	48 052,880	1 108 045,981	23,059	22,597
36	52	95 803	46 964,879	1 059 993,101	22,570	22,108
37	53	95 483	45 890,194	1 013 028,222	22,075	21,613
38	54	95 133	44 825,381	967 138,028	21,576	21,114
39	55	94 747	43 768,207	922 312,646	21,073	20,611
40	56	94 330	42 721,153	878 544,439	20,565	20,103
41	57	93 871	41 679,467	835 823,287	20,054	19,592
42	58	93 372	40 645,182	794 143,820	19,538	19,077
43	59	92 822	39 613,352	753 498,637	19,021	18,560
44	60	92 222	38 585,745	713 885,285	18,501	18,040
45	61	91 560	37 557,666	675 299,540	17,980	17,519
46	62	90 862	36 540,370	637 741,874	17,453	16,991
47	63	90 112	35 528,412	601 201,504	16,922	16,460
48	64	89 296	34 516,417	565 673,092	16,389	15,927
49	65	88 399	33 499,474	531 156,675	15,856	15,394
50	66	87 415	32 476,957	497 657,201	15,323	14,862
51	67	86 346	31 450,990	465 180,244	14,791	14,329
52	68	85 179	30 417,487	433 729,254	14,259	13,798
53	69	83 936	29 385,830	403 311,767	13,725	13,263
54	70	82 584	28 345,722	373 925,937	13,192	12,730
55	71	81 123	27 298,326	345 580,216	12,659	12,198
56	72	79 545	26 242,353	318 281,890	12,129	11,667
57	73	77 863	25 183,878	292 039,537	11,596	11,135
58	74	76 080	24 124,516	266 855,658	11,062	10,600
59	75	74 147	23 050,632	242 731,142	10,530	10,069
60	76	72 060	21 962,697	219 680,510	10,002	9,541
61	77	69 780	20 850,610	197 717,813	9,483	9,021
62	78	67 325	19 722,809	176 867,203	8,968	8,506
63	79	64 640	18 564,844	157 144,393	8,465	8,003
64	80	61 695	17 371,579	138 579,549	7,977	7,516
65	81	58 478	16 143,025	121 207,970	7,508	7,047
66	82	55 043	14 896,650	105 064,945	7,053	6,591
67	83	51 417	13 642,639	90 168,295	6,609	6,148
68	84	47 561	12 372,095	76 525,656	6,185	5,724
69	85	43 535	11 102,538	64 153,561	5,778	5,317
70	86	39 344	9 837,035	53 051,023	5,393	4,931
71	87	35 043	8 589,853	43 213,988	5,031	4,569
72	88	30 729	7 384,638	34 624,135	4,689	4,227
73	89	26 489	6 240,951	27 239,497	4,365	3,903
74	90	22 370	5 167,079	20 998,546	4,064	3,602
75	91	18 471	4 182,892	15 831,467	3,785	3,323
76	92	14 857	3 298,446	11 648,575	3,532	3,070
77	93	11 616	2 528,355	8 350,128	3,303	2,841
78	94	8 807	1 879,354	5 821,774	3,098	2,636
79	95	6 424	1 344,033	3 942,420	2,933	2,472
80	96	4 572	937,803	2 598,387	2,771	2,309
81	97	3 144	632,297	1 660,585	2,626	2,165
82	98	2 122	418,335	1 028,288	2,458	1,996
83	99	1 365	263,832	609,952	2,312	1,850
84	100	836	158,480	346,121	2,184	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	3 597 563,479	36,142	35,680
1	18	99 172	97 227,435	3 498 023,946	35,978	35,516
2	19	99 125	95 275,643	3 400 796,511	35,694	35,233
3	20	99 090	93 374,898	3 305 520,868	35,401	34,939
4	21	99 059	91 515,282	3 212 145,970	35,100	34,638
5	22	99 031	89 695,607	3 120 630,687	34,791	34,330
6	23	99 005	87 913,367	3 030 935,080	34,476	34,015
7	24	98 973	86 161,937	2 943 021,713	34,157	33,695
8	25	98 948	84 451,052	2 856 859,776	33,829	33,367
9	26	98 921	82 772,968	2 772 408,724	33,494	33,033
10	27	98 894	81 127,655	2 689 635,756	33,153	32,692
11	28	98 865	79 513,427	2 608 508,101	32,806	32,344
12	29	98 831	77 927,940	2 528 994,674	32,453	31,991
13	30	98 798	76 374,185	2 451 066,734	32,093	31,631
14	31	98 759	74 847,260	2 374 692,549	31,727	31,266
15	32	98 716	73 347,385	2 299 845,289	31,356	30,894
16	33	98 667	71 873,440	2 226 497,905	30,978	30,516
17	34	98 606	70 420,926	2 154 624,464	30,596	30,135
18	35	98 539	68 992,886	2 084 203,538	30,209	29,747
19	36	98 461	67 586,941	2 015 210,653	29,817	29,355
20	37	98 374	66 202,985	1 947 623,712	29,419	28,957
21	38	98 285	64 845,774	1 881 420,727	29,014	28,552
22	39	98 183	63 508,642	1 816 574,953	28,604	28,142
23	40	98 080	62 198,219	1 753 066,311	28,185	27,724
24	41	97 969	60 909,277	1 690 868,092	27,760	27,299
25	42	97 847	59 640,579	1 629 958,816	27,330	26,868
26	43	97 718	58 394,526	1 570 318,237	26,892	26,430
27	44	97 584	57 170,913	1 511 923,711	26,446	25,984
28	45	97 433	55 963,194	1 454 752,798	25,995	25,533
29	46	97 275	54 776,639	1 398 789,603	25,536	25,075
30	47	97 096	53 603,689	1 344 012,964	25,073	24,612
31	48	96 901	52 447,067	1 290 409,276	24,604	24,142
32	49	96 679	51 301,107	1 237 962,209	24,131	23,670
33	50	96 436	50 168,927	1 186 661,102	23,653	23,192
34	51	96 178	49 053,439	1 136 492,175	23,168	22,707
35	52	95 888	47 946,742	1 087 438,736	22,680	22,219
36	53	95 568	46 849,567	1 039 491,994	22,188	21,726
37	54	95 222	45 764,770	992 642,428	21,690	21,228
38	55	94 847	44 690,473	946 877,658	21,187	20,726
39	56	94 433	43 623,186	902 187,184	20,681	20,220
40	57	93 989	42 566,550	858 563,999	20,170	19,708
41	58	93 496	41 513,071	815 997,449	19,656	19,195
42	59	92 960	40 465,915	774 484,378	19,139	18,678
43	60	92 373	39 422,020	734 018,464	18,620	18,158
44	61	91 725	38 377,729	694 596,444	18,099	17,637
45	62	91 048	37 347,526	656 218,715	17,571	17,109
46	63	90 310	36 318,328	618 871,189	17,040	16,579
47	64	89 519	35 294,478	582 552,861	16,505	16,044
48	65	88 646	34 264,884	547 258,383	15,971	15,510
49	66	87 691	33 231,070	512 993,499	15,437	14,976
50	67	86 651	32 193,257	479 762,429	14,903	14,441
51	68	85 509	31 146,091	447 569,171	14,370	13,908
52	69	84 309	30 106,779	416 423,080	13,832	13,370
53	70	82 998	29 057,526	386 316,301	13,295	12,833
54	71	81 578	28 000,371	357 258,775	12,759	12,297
55	72	80 037	26 932,791	329 258,405	12,225	11,764
56	73	78 399	25 864,219	302 325,613	11,689	11,227
57	74	76 658	24 793,962	276 461,395	11,150	10,689
58	75	74 778	23 711,784	251 667,432	10,614	10,152
59	76	72 733	22 611,114	227 955,648	10,082	9,620
60	77	70 487	21 483,338	205 344,535	9,558	9,097
61	78	68 073	20 340,774	183 861,197	9,039	8,577
62	79	65 434	19 168,594	163 520,423	8,531	8,069
63	80	62 512	17 953,629	144 351,830	8,040	7,579
64	81	59 325	16 704,372	126 398,201	7,567	7,105
65	82	55 902	15 431,722	109 693,830	7,108	6,647
66	83	52 272	14 146,730	94 262,108	6,663	6,202
67	84	48 431	12 850,248	80 115,378	6,235	5,773
68	85	44 364	11 540,431	67 265,130	5,829	5,367
69	86	40 173	10 245,185	55 724,698	5,439	4,978
70	87	35 846	8 962,448	45 479,513	5,074	4,613
71	88	31 497	7 720,645	36 517,066	4,730	4,268
72	89	27 200	6 536,696	28 796,420	4,405	3,944
73	90	23 021	5 423,897	22 259,724	4,104	3,642
74	91	19 060	4 402,677	16 835,827	3,824	3,362
75	92	15 380	3 482,948	12 433,150	3,570	3,108
76	93	12 070	2 679,795	8 950,202	3,340	2,878
77	94	9 186	1 999,427	6 270,407	3,136	2,674
78	95	6 736	1 437,381	4 270,979	2,971	2,510
79	96	4 824	1 009,324	2 833,598	2,807	2,346
80	97	3 340	685,078	1 824,274	2,663	2,201
81	98	2 273	457,116	1 139,196	2,492	2,031
82	99	1 475	290,856	682,081	2,345	1,883
83	100	914	176,628	391,225	2,215	1,753

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	3 574 905,259	35,920	35,458
1	19	99 152	97 207,636	3 475 380,300	35,752	35,291
2	20	99 106	95 257,253	3 378 172,664	35,464	35,002
3	21	99 072	93 357,608	3 282 915,411	35,165	34,703
4	22	99 043	91 500,131	3 189 557,804	34,859	34,397
5	23	99 014	89 680,085	3 098 057,672	34,546	34,084
6	24	98 983	87 894,291	3 008 377,587	34,227	33,766
7	25	98 956	86 147,327	2 920 483,296	33,901	33,439
8	26	98 929	84 435,306	2 834 335,969	33,568	33,107
9	27	98 902	82 756,863	2 749 900,663	33,229	32,767
10	28	98 873	81 109,934	2 667 143,801	32,883	32,421
11	29	98 840	79 493,597	2 586 033,867	32,531	32,070
12	30	98 806	77 907,773	2 506 540,270	32,173	31,712
13	31	98 769	76 351,507	2 428 632,496	31,809	31,347
14	32	98 728	74 823,369	2 352 280,989	31,438	30,976
15	33	98 682	73 321,930	2 277 457,620	31,061	30,599
16	34	98 632	71 847,850	2 204 135,691	30,678	30,216
17	35	98 568	70 393,383	2 132 287,841	30,291	29,829
18	36	98 499	68 965,117	2 061 894,457	29,898	29,436
19	37	98 415	67 555,253	1 992 929,340	29,501	29,039
20	38	98 329	66 172,517	1 925 374,088	29,096	28,635
21	39	98 227	64 807,797	1 859 201,571	28,688	28,226
22	40	98 125	63 470,810	1 794 393,774	28,271	27,810
23	41	98 014	62 156,005	1 730 922,965	27,848	27,386
24	42	97 894	60 862,811	1 668 766,960	27,418	26,957
25	43	97 765	59 591,088	1 607 904,148	26,982	26,521
26	44	97 631	58 341,975	1 548 313,060	26,539	26,077
27	45	97 485	57 112,596	1 489 971,085	26,088	25,627
28	46	97 325	55 900,966	1 432 858,489	25,632	25,170
29	47	97 151	54 707,088	1 376 957,523	25,170	24,708
30	48	96 956	53 526,845	1 322 250,435	24,703	24,241
31	49	96 746	52 363,173	1 268 723,590	24,229	23,768
32	50	96 504	51 208,178	1 216 360,416	23,753	23,292
33	51	96 246	50 070,061	1 165 152,238	23,270	22,809
34	52	95 965	48 945,091	1 115 082,177	22,782	22,321
35	53	95 653	47 829,018	1 066 137,087	22,291	21,829
36	54	95 307	46 721,520	1 018 308,069	21,795	21,334
37	55	94 935	45 627,034	971 586,549	21,294	20,832
38	56	94 532	44 542,396	925 959,514	20,788	20,327
39	57	94 091	43 465,318	881 417,118	20,279	19,817
40	58	93 613	42 396,612	837 951,800	19,765	19,303
41	59	93 083	41 329,975	795 555,187	19,249	18,787
42	60	92 511	40 270,464	754 225,212	18,729	18,267
43	61	91 875	39 209,495	713 954,748	18,209	17,747
44	62	91 212	38 163,001	674 745,253	17,681	17,219
45	63	90 495	37 120,579	636 582,252	17,149	16,687
46	64	89 715	36 079,193	599 461,673	16,615	16,154
47	65	88 867	35 037,275	563 382,480	16,080	15,618
48	66	87 935	33 990,348	528 345,205	15,544	15,082
49	67	86 925	32 940,783	494 354,857	15,007	14,546
50	68	85 811	31 881,163	461 414,074	14,473	14,011
51	69	84 636	30 827,941	429 532,911	13,933	13,472
52	70	83 367	29 770,420	398 704,971	13,393	12,931
53	71	81 987	28 703,503	368 934,551	12,853	12,392
54	72	80 486	27 625,436	340 231,048	12,316	11,854
55	73	78 884	26 544,708	312 605,612	11,777	11,315
56	74	77 185	25 463,769	286 060,904	11,234	10,772
57	75	75 346	24 369,777	260 597,135	10,693	10,232
58	76	73 352	23 259,659	236 227,358	10,156	9,694
59	77	71 146	22 117,602	212 967,699	9,629	9,167
60	78	68 764	20 958,030	190 850,098	9,106	8,645
61	79	66 161	19 769,193	169 892,068	8,594	8,132
62	80	63 279	18 537,500	150 122,875	8,098	7,637
63	81	60 111	17 264,066	131 585,375	7,622	7,160
64	82	56 711	15 968,334	114 321,309	7,159	6,698
65	83	53 088	14 654,865	98 352,975	6,711	6,250
66	84	49 236	13 325,061	83 698,110	6,281	5,820
67	85	45 175	11 986,443	70 373,049	5,871	5,409
68	86	40 938	10 649,264	58 386,606	5,483	5,021
69	87	36 601	9 334,310	47 737,342	5,114	4,653
70	88	32 219	8 055,537	38 403,033	4,767	4,306
71	89	27 880	6 834,122	30 347,496	4,441	3,979
72	90	23 639	5 680,924	23 513,374	4,139	3,677
73	91	19 615	4 621,502	17 832,450	3,859	3,397
74	92	15 871	3 665,955	13 210,947	3,604	3,142
75	93	12 495	2 829,692	9 544,992	3,373	2,912
76	94	9 545	2 119,186	6 715,300	3,169	2,707
77	95	7 026	1 529,217	4 596,114	3,006	2,544
78	96	5 058	1 079,425	3 066,897	2,841	2,380
79	97	3 524	737,325	1 987,471	2,696	2,234
80	98	2 415	495,274	1 250,146	2,524	2,063
81	99	1 580	317,819	754,873	2,375	1,914
82	100	988	194,720	437,054	2,245	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	3 551 433,907	35,691	35,230
1	20	99 133	97 188,872	3 451 929,216	35,518	35,056
2	21	99 087	95 239,614	3 354 740,343	35,224	34,763
3	22	99 055	93 342,152	3 259 500,729	34,920	34,458
4	23	99 026	91 484,298	3 166 158,578	34,609	34,147
5	24	98 993	89 660,626	3 074 674,280	34,292	33,831
6	25	98 966	87 879,387	2 985 013,654	33,967	33,506
7	26	98 938	86 131,264	2 897 134,267	33,636	33,175
8	27	98 910	84 418,877	2 811 003,003	33,298	32,837
9	28	98 881	82 738,786	2 726 584,126	32,954	32,493
10	29	98 848	81 089,706	2 643 845,340	32,604	32,142
11	30	98 815	79 473,026	2 562 755,635	32,247	31,785
12	31	98 777	77 884,640	2 483 282,609	31,884	31,423
13	32	98 737	76 327,136	2 405 397,969	31,514	31,053
14	33	98 694	74 797,402	2 329 070,833	31,138	30,677
15	34	98 647	73 295,823	2 254 273,431	30,756	30,294
16	35	98 593	71 819,749	2 180 977,608	30,367	29,906
17	36	98 528	70 365,051	2 109 157,858	29,975	29,513
18	37	98 453	68 932,783	2 038 792,807	29,577	29,115
19	38	98 370	67 524,162	1 969 860,024	29,173	28,711
20	39	98 271	66 133,762	1 902 335,862	28,765	28,303
21	40	98 168	64 769,191	1 836 202,100	28,350	27,888
22	41	98 058	63 427,732	1 771 432,909	27,928	27,467
23	42	97 939	62 108,589	1 708 005,177	27,500	27,039
24	43	97 813	60 812,307	1 645 896,589	27,065	26,604
25	44	97 678	59 537,460	1 585 084,282	26,623	26,162
26	45	97 531	58 282,464	1 525 546,822	26,175	25,713
27	46	97 376	57 049,090	1 467 264,358	25,719	25,258
28	47	97 201	55 829,987	1 410 215,268	25,259	24,797
29	48	97 012	54 628,663	1 354 385,281	24,793	24,331
30	49	96 801	53 441,225	1 299 756,619	24,321	23,860
31	50	96 570	52 268,320	1 246 315,394	23,845	23,383
32	51	96 314	51 107,264	1 194 047,073	23,364	22,902
33	52	96 034	49 959,467	1 142 939,809	22,877	22,416
34	53	95 730	48 824,916	1 092 980,342	22,386	21,924
35	54	95 391	47 698,295	1 044 155,427	21,891	21,429
36	55	95 020	46 580,905	996 457,132	21,392	20,930
37	56	94 621	45 475,854	949 876,227	20,887	20,426
38	57	94 190	44 381,203	904 400,373	20,378	19,916
39	58	93 716	43 291,793	860 019,170	19,866	19,404
40	59	93 201	42 209,620	816 727,377	19,349	18,888
41	60	92 634	41 130,351	774 517,758	18,831	18,369
42	61	92 012	40 053,365	733 387,407	18,310	17,849
43	62	91 361	38 990,113	693 334,041	17,782	17,321
44	63	90 657	37 931,099	654 343,928	17,251	16,789
45	64	89 899	36 876,162	616 412,829	16,716	16,254
46	65	89 061	35 816,271	579 536,668	16,181	15,719
47	66	88 155	34 756,550	543 720,396	15,644	15,182
48	67	87 167	33 693,428	508 963,846	15,106	14,644
49	68	86 082	32 621,442	475 270,418	14,569	14,108
50	69	84 934	31 555,503	442 648,976	14,028	13,566
51	70	83 690	30 483,525	411 093,473	13,486	13,024
52	71	82 351	29 407,712	380 609,948	12,943	12,481
53	72	80 889	28 319,152	351 202,236	12,402	11,940
54	73	79 326	27 227,372	322 883,084	11,859	11,397
55	74	77 662	26 133,723	295 655,712	11,313	10,852
56	75	75 864	25 028,125	269 521,989	10,769	10,307
57	76	73 910	23 905,106	244 493,865	10,228	9,766
58	77	71 751	22 751,991	220 588,759	9,695	9,234
59	78	69 406	21 576,785	197 836,767	9,169	8,707
60	79	66 832	20 369,104	176 259,983	8,653	8,192
61	80	63 982	19 118,326	155 890,879	8,154	7,692
62	81	60 849	17 825,513	136 772,553	7,673	7,211
63	82	57 462	16 503,367	118 947,040	7,207	6,746
64	83	53 856	15 164,463	102 443,673	6,756	6,294
65	84	50 004	13 803,682	87 279,210	6,323	5,861
66	85	45 926	12 429,338	73 475,528	5,911	5,450
67	86	41 687	11 060,834	61 046,190	5,519	5,058
68	87	37 299	9 702,463	49 985,356	5,152	4,690
69	88	32 897	8 389,770	40 282,894	4,801	4,340
70	89	28 519	7 130,559	31 893,123	4,473	4,011
71	90	24 230	5 939,411	24 762,564	4,169	3,708
72	91	20 142	4 840,506	18 823,152	3,889	3,427
73	92	16 333	3 848,163	13 982,647	3,634	3,172
74	93	12 894	2 978,375	10 134,483	3,403	2,941
75	94	9 881	2 237,725	7 156,109	3,198	2,736
76	95	7 300	1 620,812	4 918,384	3,035	2,573
77	96	5 276	1 148,391	3 297,572	2,871	2,410
78	97	3 695	788,536	2 149,181	2,726	2,264
79	98	2 548	533,045	1 360,645	2,553	2,091
80	99	1 679	344,349	827,600	2,403	1,942
81	100	1 058	212,771	483,251	2,271	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	3 527 155,008	35,454	34,992
1	21	99 114	97 170,876	3 427 669,524	35,275	34,813
2	22	99 071	95 223,847	3 330 498,648	34,975	34,514
3	23	99 038	93 325,999	3 235 274,801	34,666	34,205
4	24	99 004	91 464,447	3 141 948,802	34,352	33,890
5	25	98 976	89 645,422	3 050 484,355	34,028	33,567
6	26	98 948	87 863,001	2 960 838,933	33,698	33,237
7	27	98 918	86 114,505	2 872 975,932	33,362	32,901
8	28	98 889	84 400,437	2 786 861,427	33,020	32,558
9	29	98 856	82 718,151	2 702 460,989	32,671	32,209
10	30	98 822	81 068,721	2 619 742,838	32,315	31,853
11	31	98 785	79 449,428	2 538 674,117	31,953	31,492
12	32	98 745	77 859,780	2 459 224,689	31,585	31,124
13	33	98 703	76 300,647	2 381 364,910	31,210	30,749
14	34	98 658	74 770,771	2 305 064,263	30,828	30,367
15	35	98 608	73 267,156	2 230 293,492	30,441	29,979
16	36	98 553	71 790,843	2 157 026,336	30,046	29,584
17	37	98 482	70 332,061	2 085 235,493	29,648	29,187
18	38	98 408	68 901,058	2 014 903,432	29,243	28,782
19	39	98 312	67 484,616	1 946 002,374	28,836	28,375
20	40	98 213	66 094,366	1 878 517,758	28,422	27,960
21	41	98 102	64 725,232	1 812 423,392	28,002	27,540
22	42	97 983	63 379,345	1 747 698,160	27,575	27,114
23	43	97 858	62 057,050	1 684 318,814	27,141	26,680
24	44	97 725	60 757,580	1 622 261,764	26,701	26,239
25	45	97 578	59 476,730	1 561 504,184	26,254	25,792
26	46	97 422	58 217,656	1 502 027,455	25,800	25,339
27	47	97 253	56 976,653	1 443 809,798	25,340	24,879
28	48	97 062	55 749,952	1 386 833,146	24,876	24,414
29	49	96 857	54 541,280	1 331 083,194	24,405	23,943
30	50	96 626	53 344,419	1 276 541,914	23,930	23,469
31	51	96 380	52 165,317	1 223 197,495	23,448	22,987
32	52	96 101	50 994,379	1 171 032,178	22,964	22,502
33	53	95 798	49 836,801	1 120 037,798	22,474	22,013
34	54	95 468	48 691,470	1 070 200,997	21,979	21,518
35	55	95 104	47 554,740	1 021 509,527	21,481	21,019
36	56	94 705	46 426,565	973 954,787	20,978	20,517
37	57	94 279	45 311,282	927 528,222	20,470	20,009
38	58	93 814	44 204,020	882 216,940	19,958	19,496
39	59	93 302	43 100,852	838 012,919	19,443	18,981
40	60	92 750	42 005,747	794 912,067	18,924	18,462
41	61	92 134	40 908,617	752 906,320	18,405	17,943
42	62	91 498	39 829,262	711 997,704	17,876	17,415
43	63	90 806	38 753,185	672 168,442	17,345	16,883
44	64	90 060	37 681,345	633 415,257	16,810	16,348
45	65	89 244	36 607,432	595 733,912	16,274	15,812
46	66	88 348	35 529,305	559 126,480	15,737	15,275
47	67	87 384	34 452,937	523 597,175	15,197	14,736
48	68	86 322	33 366,790	489 144,237	14,660	14,198
49	69	85 203	32 288,221	455 777,447	14,116	13,654
50	70	83 986	31 202,959	423 489,226	13,572	13,110
51	71	82 670	30 112,128	392 286,267	13,028	12,566
52	72	81 249	29 013,932	362 174,139	12,483	12,021
53	73	79 723	27 911,092	333 160,207	11,936	11,475
54	74	78 098	26 805,817	305 249,114	11,387	10,926
55	75	76 334	25 686,616	278 443,297	10,840	10,378
56	76	74 418	24 550,900	252 756,681	10,295	9,834
57	77	72 296	23 383,351	228 205,781	9,759	9,298
58	78	69 997	22 195,663	204 822,430	9,228	8,766
59	79	67 456	20 970,472	182 626,768	8,709	8,247
60	80	64 631	19 698,486	161 656,296	8,207	7,745
61	81	61 525	18 384,030	141 957,810	7,722	7,260
62	82	58 168	17 040,075	123 573,780	7,252	6,790
63	83	54 570	15 672,562	106 533,706	6,797	6,336
64	84	50 728	14 283,682	90 861,144	6,361	5,900
65	85	46 643	12 875,786	76 577,461	5,947	5,486
66	86	42 380	11 469,528	63 701,675	5,554	5,092
67	87	37 981	10 077,441	52 232,148	5,183	4,721
68	88	33 524	8 720,670	42 154,707	4,834	4,372
69	89	29 120	7 426,414	33 434,037	4,502	4,040
70	90	24 785	6 197,040	26 007,623	4,197	3,735
71	91	20 646	5 060,753	19 810,582	3,915	3,453
72	92	16 772	4 030,520	14 749,829	3,660	3,198
73	93	13 270	3 126,408	10 719,310	3,429	2,967
74	94	10 197	2 355,304	7 592,902	3,224	2,762
75	95	7 558	1 711,473	5 237,598	3,060	2,599
76	96	5 482	1 217,176	3 526,125	2,897	2,435
77	97	3 854	838,916	2 308,949	2,752	2,291
78	98	2 671	570,067	1 470,033	2,579	2,117
79	99	1 771	370,610	899,966	2,428	1,967
80	100	1 124	230,532	529,355	2,296	1,835

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	3 502 066,981	35,208	34,747
1	22	99 098	97 154,789	3 402 599,919	35,022	34,561
2	23	99 054	95 207,368	3 305 445,130	34,718	34,257
3	24	99 017	93 305,749	3 210 237,761	34,406	33,944
4	25	98 987	91 448,937	3 116 932,013	34,084	33,622
5	26	98 957	89 628,707	3 025 483,075	33,756	33,294
6	27	98 929	87 845,905	2 935 854,368	33,421	32,959
7	28	98 897	86 095,695	2 848 008,463	33,080	32,618
8	29	98 864	84 379,388	2 761 912,768	32,732	32,270
9	30	98 830	82 696,746	2 677 533,380	32,378	31,916
10	31	98 793	81 044,649	2 594 836,634	32,017	31,556
11	32	98 754	79 424,068	2 513 791,985	31,650	31,189
12	33	98 711	77 832,759	2 434 367,917	31,277	30,815
13	34	98 668	76 273,480	2 356 535,159	30,896	30,434
14	35	98 620	74 741,527	2 280 261,678	30,509	30,047
15	36	98 568	73 237,668	2 205 520,152	30,115	29,653
16	37	98 507	71 757,184	2 132 282,484	29,715	29,254
17	38	98 437	70 299,692	2 060 525,300	29,311	28,849
18	39	98 350	68 860,706	1 990 225,608	28,902	28,441
19	40	98 254	67 444,415	1 921 364,902	28,488	28,027
20	41	98 146	66 049,508	1 853 920,487	28,069	27,607
21	42	98 027	64 675,856	1 787 870,979	27,644	27,182
22	43	97 902	63 326,753	1 723 195,124	27,211	26,750
23	44	97 770	62 001,203	1 659 868,371	26,772	26,310
24	45	97 625	60 695,605	1 597 867,168	26,326	25,864
25	46	97 469	59 410,594	1 537 171,563	25,874	25,412
26	47	97 299	58 143,736	1 477 760,969	25,416	24,954
27	48	97 113	56 894,974	1 419 617,233	24,952	24,490
28	49	96 907	55 660,776	1 362 722,259	24,483	24,021
29	50	96 681	54 442,481	1 307 061,483	24,008	23,547
30	51	96 436	53 239,295	1 252 619,002	23,528	23,066
31	52	96 167	52 050,095	1 199 379,707	23,043	22,581
32	53	95 865	50 869,173	1 147 329,612	22,555	22,093
33	54	95 536	49 700,590	1 096 460,439	22,061	21,600
34	55	95 181	48 544,927	1 046 759,849	21,563	21,101
35	56	94 789	47 397,173	998 214,922	21,061	20,599
36	57	94 362	46 258,552	950 817,749	20,554	20,093
37	58	93 902	45 130,387	904 559,197	20,043	19,582
38	59	93 400	44 009,056	859 428,810	19,528	19,067
39	60	92 852	42 892,674	815 419,754	19,011	18,549
40	61	92 250	41 779,293	772 527,080	18,491	18,029
41	62	91 619	40 679,729	730 747,786	17,963	17,502
42	63	90 942	39 587,234	690 068,058	17,432	16,970
43	64	90 208	38 498,018	650 480,823	16,896	16,435
44	65	89 404	37 406,747	611 982,806	16,360	15,899
45	66	88 529	36 314,128	574 576,058	15,822	15,361
46	67	87 576	35 218,942	538 261,931	15,283	14,822
47	68	86 537	34 118,937	503 042,989	14,744	14,282
48	69	85 440	33 025,956	468 924,052	14,199	13,737
49	70	84 251	31 927,491	435 898,096	13,653	13,191
50	71	82 962	30 822,797	403 970,606	13,106	12,645
51	72	81 563	29 708,916	373 147,809	12,560	12,099
52	73	80 078	28 595,860	343 438,893	12,010	11,548
53	74	78 489	27 478,952	314 843,032	11,458	10,996
54	75	76 762	26 347,212	287 364,080	10,907	10,445
55	76	74 878	25 196,836	261 016,868	10,359	9,898
56	77	72 794	24 015,050	235 820,032	9,820	9,358
57	78	70 529	22 811,584	211 804,982	9,285	8,823
58	79	68 030	21 571,959	188 993,398	8,761	8,299
59	80	65 235	20 280,055	167 421,439	8,255	7,794
60	81	62 149	18 941,907	147 141,385	7,768	7,306
61	82	58 814	17 573,982	128 199,478	7,295	6,833
62	83	55 239	16 182,251	110 625,495	6,836	6,375
63	84	51 400	14 762,270	94 443,245	6,398	5,936
64	85	47 318	13 323,520	79 680,975	5,980	5,519
65	86	43 041	11 881,501	66 357,455	5,585	5,123
66	87	38 612	10 449,799	54 475,954	5,213	4,751
67	88	34 137	9 057,704	44 026,156	4,861	4,399
68	89	29 675	7 719,318	34 968,451	4,530	4,068
69	90	25 308	6 454,162	27 249,133	4,222	3,760
70	91	21 119	5 280,269	20 794,971	3,938	3,477
71	92	17 191	4 213,912	15 514,702	3,682	3,220
72	93	13 626	3 274,562	11 300,790	3,451	2,989
73	94	10 494	2 472,369	8 026,228	3,246	2,785
74	95	7 799	1 801,401	5 553,859	3,083	2,621
75	96	5 675	1 285,259	3 752,459	2,920	2,458
76	97	4 005	889,164	2 467,199	2,775	2,313
77	98	2 786	606,490	1 578,035	2,602	2,140
78	99	1 857	396,351	971,545	2,451	1,990
79	100	1 186	248,113	575,195	2,318	1,857

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	3 476 168,119	34,954	34,492
1	23	99 081	97 137,976	3 376 717,523	34,762	34,300
2	24	99 032	95 186,710	3 279 579,547	34,454	33,993
3	25	99 000	93 289,927	3 184 392,837	34,134	33,673
4	26	98 969	91 431,886	3 091 102,910	33,808	33,346
5	27	98 938	89 611,268	2 999 671,025	33,474	33,013
6	28	98 907	87 826,717	2 910 059,757	33,134	32,672
7	29	98 872	86 074,223	2 822 233,040	32,788	32,327
8	30	98 838	84 357,553	2 736 158,816	32,435	31,974
9	31	98 801	82 672,190	2 651 801,264	32,076	31,614
10	32	98 761	81 018,780	2 569 129,074	31,710	31,249
11	33	98 720	79 396,504	2 488 110,294	31,338	30,876
12	34	98 676	77 805,046	2 408 713,790	30,958	30,497
13	35	98 629	76 243,648	2 330 908,743	30,572	30,110
14	36	98 580	74 711,444	2 254 665,095	30,178	29,717
15	37	98 522	73 203,330	2 179 953,650	29,779	29,318
16	38	98 462	71 724,160	2 106 750,320	29,373	28,911
17	39	98 379	70 258,520	2 035 026,160	28,965	28,503
18	40	98 291	68 819,685	1 964 767,640	28,550	28,088
19	41	98 187	67 398,641	1 895 947,954	28,130	27,669
20	42	98 071	65 999,121	1 828 549,314	27,706	27,244
21	43	97 946	64 622,187	1 762 550,193	27,275	26,813
22	44	97 814	63 269,763	1 697 928,006	26,836	26,375
23	45	97 670	61 937,959	1 634 658,243	26,392	25,930
24	46	97 517	60 628,114	1 572 720,283	25,940	25,479
25	47	97 346	59 335,159	1 512 092,170	25,484	25,022
26	48	97 159	58 060,384	1 452 757,011	25,021	24,560
27	49	96 958	56 803,966	1 394 696,627	24,553	24,091
28	50	96 731	55 559,949	1 337 892,660	24,080	23,619
29	51	96 491	54 335,193	1 282 332,711	23,600	23,139
30	52	96 223	53 121,701	1 227 997,518	23,117	22,655
31	53	95 931	51 922,297	1 174 875,817	22,628	22,166
32	54	95 603	50 730,140	1 122 953,520	22,136	21,674
33	55	95 249	49 551,010	1 072 223,380	21,639	21,177
34	56	94 866	48 384,078	1 022 672,370	21,137	20,675
35	57	94 446	47 225,648	974 288,292	20,630	20,169
36	58	93 986	46 073,875	927 062,644	20,121	19,660
37	59	93 488	44 931,337	880 988,769	19,607	19,146
38	60	92 949	43 796,492	836 057,432	19,090	18,628
39	61	92 351	42 661,439	792 260,940	18,571	18,109
40	62	91 734	41 545,534	749 599,501	18,043	17,581
41	63	91 062	40 432,533	708 053,967	17,512	17,050
42	64	90 343	39 326,576	667 621,435	16,976	16,515
43	65	89 551	38 217,469	628 294,859	16,440	15,978
44	66	88 688	37 107,038	590 077,390	15,902	15,440
45	67	87 755	35 996,908	552 970,351	15,362	14,900
46	68	86 727	34 877,515	516 973,443	14,823	14,361
47	69	85 653	33 770,419	482 095,928	14,276	13,814
48	70	84 486	32 656,983	448 325,509	13,728	13,267
49	71	83 224	31 538,501	415 668,525	13,180	12,718
50	72	81 851	30 410,069	384 130,024	12,632	12,170
51	73	80 388	29 280,831	353 719,955	12,080	11,619
52	74	78 838	28 153,118	324 439,125	11,524	11,062
53	75	77 146	27 008,831	296 286,007	10,970	10,508
54	76	75 298	25 844,836	269 277,176	10,419	9,957
55	77	73 244	24 646,888	243 432,341	9,877	9,415
56	78	71 014	23 427,837	218 785,453	9,339	8,877
57	79	68 547	22 170,573	195 357,616	8,812	8,350
58	80	65 790	20 861,739	173 187,043	8,302	7,840
59	81	62 729	19 501,139	152 325,304	7,811	7,349
60	82	59 411	18 107,278	132 824,165	7,335	6,874
61	83	55 853	16 689,281	114 716,887	6,874	6,412
62	84	52 031	15 242,355	98 027,606	6,431	5,970
63	85	47 945	13 769,936	82 785,252	6,012	5,550
64	86	43 664	12 294,660	69 015,316	5,613	5,152
65	87	39 214	10 825,144	56 720,656	5,240	4,778
66	88	34 705	9 392,383	45 895,511	4,886	4,425
67	89	30 218	8 017,653	36 503,128	4,553	4,091
68	90	25 790	6 708,720	28 485,476	4,246	3,784
69	91	21 564	5 499,353	21 776,756	3,960	3,498
70	92	17 585	4 396,695	16 277,403	3,702	3,241
71	93	13 967	3 423,557	11 880,707	3,470	3,009
72	94	10 775	2 589,529	8 457,150	3,266	2,804
73	95	8 026	1 890,935	5 867,621	3,103	2,641
74	96	5 857	1 352,792	3 976,686	2,940	2,478
75	97	4 146	938,900	2 623,894	2,795	2,333
76	98	2 895	642,816	1 684,993	2,621	2,160
77	99	1 937	421,674	1 042,177	2,472	2,010
78	100	1 243	265,346	620,503	2,338	1,877

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	3 449 455,096	34,691	34,230
1	24	99 059	97 116,899	3 350 021,711	34,495	34,033
2	25	99 015	95 170,569	3 252 904,812	34,180	33,718
3	26	98 982	93 272,532	3 157 734,243	33,855	33,393
4	27	98 950	91 414,096	3 064 461,711	33,523	33,061
5	28	98 916	89 591,694	2 973 047,615	33,184	32,723
6	29	98 882	87 804,814	2 883 455,921	32,839	32,378
7	30	98 847	86 051,949	2 795 651,108	32,488	32,026
8	31	98 809	84 332,504	2 709 599,159	32,130	31,668
9	32	98 769	82 645,802	2 625 266,655	31,765	31,304
10	33	98 727	80 990,663	2 542 620,853	31,394	30,932
11	34	98 684	79 368,235	2 461 630,190	31,015	30,554
12	35	98 637	77 774,616	2 382 261,955	30,630	30,169
13	36	98 590	76 212,962	2 304 487,339	30,237	29,776
14	37	98 534	74 676,416	2 228 274,378	29,839	29,377
15	38	98 477	73 169,640	2 153 597,962	29,433	28,971
16	39	98 404	71 682,154	2 080 428,321	29,023	28,561
17	40	98 320	70 216,667	2 008 746,168	28,608	28,146
18	41	98 225	68 772,978	1 938 529,500	28,187	27,726
19	42	98 112	67 347,225	1 869 756,523	27,763	27,301
20	43	97 990	65 944,354	1 802 409,298	27,332	26,871
21	44	97 858	64 564,031	1 736 464,943	26,895	26,434
22	45	97 714	63 205,225	1 671 900,912	26,452	25,990
23	46	97 561	61 869,087	1 608 695,687	26,002	25,540
24	47	97 393	60 551,132	1 546 826,600	25,546	25,084
25	48	97 206	59 250,099	1 486 275,467	25,085	24,623
26	49	97 004	57 967,512	1 427 025,368	24,618	24,156
27	50	96 782	56 701,069	1 369 057,856	24,145	23,684
28	51	96 541	55 450,459	1 312 356,787	23,667	23,206
29	52	96 278	54 215,179	1 256 906,328	23,184	22,722
30	53	95 986	52 991,272	1 202 691,149	22,696	22,234
31	54	95 669	51 780,386	1 149 699,878	22,203	21,742
32	55	95 315	50 577,461	1 097 919,492	21,708	21,246
33	56	94 933	49 386,828	1 047 342,031	21,207	20,745
34	57	94 522	48 208,982	997 955,203	20,701	20,239
35	58	94 069	47 037,110	949 746,221	20,191	19,730
36	59	93 571	45 870,664	902 709,112	19,679	19,218
37	60	93 036	44 714,318	856 838,448	19,163	18,701
38	61	92 448	43 560,384	812 124,129	18,644	18,182
39	62	91 834	42 422,744	768 563,745	18,117	17,655
40	63	91 177	41 293,077	726 141,001	17,585	17,123
41	64	90 463	40 166,308	684 847,925	17,050	16,589
42	65	89 684	39 039,989	644 681,617	16,513	16,052
43	66	88 833	37 911,264	605 641,627	15,975	15,514
44	67	87 913	36 782,893	567 730,363	15,435	14,973
45	68	86 904	35 647,940	530 947,470	14,894	14,433
46	69	85 841	34 521,249	495 299,530	14,348	13,886
47	70	84 696	33 393,129	460 778,281	13,799	13,337
48	71	83 457	32 259,106	427 385,152	13,249	12,787
49	72	82 110	31 116,189	395 126,046	12,698	12,237
50	73	80 672	29 971,880	364 009,856	12,145	11,683
51	74	79 144	28 827,482	334 037,976	11,587	11,126
52	75	77 489	27 671,463	305 210,494	11,030	10,568
53	76	75 675	26 493,839	277 539,031	10,476	10,014
54	77	73 654	25 280,744	251 045,192	9,930	9,469
55	78	71 453	24 044,225	225 764,448	9,390	8,928
56	79	69 018	22 769,509	201 720,223	8,859	8,398
57	80	66 290	21 440,645	178 950,714	8,346	7,885
58	81	63 263	20 060,482	157 510,069	7,852	7,390
59	82	59 965	18 641,869	137 449,587	7,373	6,912
60	83	56 420	17 195,729	118 807,719	6,909	6,448
61	84	52 609	15 719,936	101 611,989	6,464	6,002
62	85	48 533	14 217,749	85 892,054	6,041	5,580
63	86	44 243	12 706,603	71 674,304	5,641	5,179
64	87	39 782	11 201,570	58 967,701	5,264	4,803
65	88	35 246	9 729,747	47 766,131	4,909	4,448
66	89	30 720	8 313,902	38 036,383	4,575	4,113
67	90	26 261	6 967,997	29 722,481	4,266	3,804
68	91	21 975	5 716,252	22 754,484	3,981	3,519
69	92	17 955	4 579,119	17 038,232	3,721	3,259
70	93	14 287	3 572,058	12 459,113	3,488	3,026
71	94	11 045	2 707,355	8 887,055	3,283	2,821
72	95	8 241	1 980,543	6 179,700	3,120	2,659
73	96	6 027	1 420,029	4 199,157	2,957	2,495
74	97	4 278	988,234	2 779,128	2,812	2,351
75	98	2 997	678,773	1 790,894	2,638	2,177
76	99	2 013	446,931	1 112,121	2,488	2,027
77	100	1 297	282,299	665,191	2,356	1,895

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	3 421 926,933	34,422	33,960
1	25	99 042	97 100,431	3 322 515,123	34,217	33,756
2	26	98 997	95 152,823	3 225 414,692	33,897	33,436
3	27	98 962	93 254,384	3 130 261,869	33,567	33,105
4	28	98 928	91 394,128	3 037 007,485	33,230	32,768
5	29	98 892	89 569,350	2 945 613,357	32,886	32,425
6	30	98 857	87 782,091	2 856 044,007	32,536	32,074
7	31	98 817	86 026,397	2 768 261,915	32,179	31,718
8	32	98 777	84 305,585	2 682 235,518	31,816	31,354
9	33	98 735	82 617,120	2 597 929,933	31,445	30,984
10	34	98 692	80 961,826	2 515 312,813	31,068	30,606
11	35	98 646	79 337,193	2 434 350,987	30,684	30,222
12	36	98 597	77 743,313	2 355 013,794	30,292	29,831
13	37	98 543	76 177,229	2 277 270,481	29,894	29,433
14	38	98 489	74 642,048	2 201 093,252	29,489	29,027
15	39	98 419	73 126,788	2 126 451,203	29,079	28,617
16	40	98 346	71 639,452	2 053 324,416	28,662	28,200
17	41	98 254	70 169,011	1 981 684,963	28,242	27,780
18	42	98 150	68 720,513	1 911 515,952	27,816	27,354
19	43	98 031	67 291,340	1 842 795,438	27,385	26,924
20	44	97 902	65 885,009	1 775 504,099	26,949	26,487
21	45	97 758	64 498,173	1 709 619,090	26,506	26,045
22	46	97 605	63 134,944	1 645 120,916	26,057	25,596
23	47	97 437	61 790,530	1 581 985,973	25,602	25,141
24	48	97 253	60 464,330	1 520 195,443	25,142	24,680
25	49	97 051	59 155,324	1 459 731,113	24,676	24,215
26	50	96 828	57 862,507	1 400 575,789	24,205	23,744
27	51	96 592	56 589,330	1 342 713,282	23,727	23,266
28	52	96 327	55 327,981	1 286 123,952	23,245	22,784
29	53	96 041	54 082,064	1 230 795,970	22,758	22,296
30	54	95 724	52 846,439	1 176 713,906	22,267	21,805
31	55	95 381	51 624,546	1 123 867,467	21,770	21,308
32	56	94 999	50 409,878	1 072 242,922	21,270	20,809
33	57	94 589	49 208,103	1 021 833,044	20,766	20,304
34	58	94 145	48 016,518	972 624,941	20,256	19,794
35	59	93 654	46 829,650	924 608,423	19,744	19,282
36	60	93 119	45 649,108	877 778,773	19,229	18,767
37	61	92 535	44 473,263	832 129,665	18,711	18,249
38	62	91 931	43 316,659	787 656,402	18,184	17,722
39	63	91 276	42 164,956	744 339,743	17,653	17,191
40	64	90 576	41 021,186	702 174,786	17,117	16,656
41	65	89 803	39 873,602	661 153,601	16,581	16,120
42	66	88 966	38 727,194	621 279,999	16,042	15,581
43	67	88 057	37 580,094	582 552,804	15,502	15,040
44	68	87 061	36 426,305	544 972,711	14,961	14,499
45	69	86 017	35 283,804	508 546,406	14,413	13,951
46	70	84 882	34 135,571	473 262,602	13,864	13,403
47	71	83 665	32 986,283	439 127,031	13,312	12,851
48	72	82 339	31 827,145	406 140,748	12,761	12,299
49	73	80 927	30 667,826	374 313,603	12,205	11,744
50	74	79 423	29 507,833	343 645,777	11,646	11,184
51	75	77 790	28 334,290	314 137,944	11,087	10,625
52	76	76 012	27 143,836	285 803,654	10,529	10,068
53	77	74 024	25 915,582	258 659,818	9,981	9,519
54	78	71 853	24 662,583	232 744,235	9,437	8,976
55	79	69 445	23 368,576	208 081,653	8,904	8,443
56	80	66 746	22 019,862	184 713,076	8,388	7,927
57	81	63 744	20 617,153	162 693,215	7,891	7,430
58	82	60 476	19 176,566	142 076,062	7,409	6,947
59	83	56 946	17 703,408	122 899,496	6,942	6,481
60	84	53 143	16 196,969	105 196,088	6,495	6,033
61	85	49 073	14 663,227	88 999,119	6,070	5,608
62	86	44 786	13 119,836	74 335,893	5,666	5,204
63	87	40 309	11 576,889	61 216,057	5,288	4,826
64	88	35 757	10 068,083	49 639,168	4,930	4,469
65	89	31 199	8 612,528	39 571,085	4,595	4,133
66	90	26 698	7 225,462	30 958,557	4,285	3,823
67	91	22 376	5 937,173	23 733,095	3,997	3,536
68	92	18 298	4 759,723	17 795,922	3,739	3,277
69	93	14 588	3 720,267	13 036,199	3,504	3,042
70	94	11 298	2 824,790	9 315,932	3,298	2,836
71	95	8 447	2 070,659	6 491,143	3,135	2,673
72	96	6 189	1 487,322	4 420,483	2,972	2,510
73	97	4 403	1 037,352	2 933,162	2,828	2,366
74	98	3 093	714,438	1 895,810	2,654	2,192
75	99	2 084	471,930	1 181,372	2,503	2,042
76	100	1 348	299,208	709,442	2,371	1,909

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	3 393 586,048	34,142	33,681
1	26	99 024	97 082,325	3 294 191,095	33,932	33,470
2	27	98 978	95 134,309	3 197 108,770	33,606	33,145
3	28	98 941	93 234,014	3 101 974,461	33,271	32,809
4	29	98 903	91 371,335	3 008 740,446	32,929	32,467
5	30	98 866	89 546,172	2 917 369,111	32,579	32,118
6	31	98 828	87 756,026	2 827 822,940	32,224	31,762
7	32	98 786	85 998,938	2 740 066,914	31,862	31,400
8	33	98 743	84 276,327	2 654 067,976	31,492	31,031
9	34	98 700	82 587,704	2 569 791,648	31,116	30,654
10	35	98 653	80 930,161	2 487 203,944	30,733	30,271
11	36	98 606	79 305,261	2 406 273,783	30,342	29,880
12	37	98 551	77 706,863	2 326 968,522	29,945	29,484
13	38	98 498	76 142,171	2 249 261,659	29,540	29,079
14	39	98 431	74 598,333	2 173 119,488	29,131	28,669
15	40	98 360	73 083,226	2 098 521,155	28,714	28,253
16	41	98 279	71 590,831	2 025 437,929	28,292	27,830
17	42	98 179	70 115,482	1 953 847,098	27,866	27,405
18	43	98 068	68 663,488	1 883 731,616	27,434	26,973
19	44	97 943	67 230,782	1 815 068,127	26,998	26,536
20	45	97 802	65 817,804	1 747 837,345	26,556	26,094
21	46	97 649	64 426,454	1 682 019,542	26,108	25,646
22	47	97 481	63 054,779	1 617 593,088	25,654	25,192
23	48	97 298	61 701,951	1 554 538,308	25,194	24,733
24	49	97 098	60 367,612	1 492 836,358	24,729	24,267
25	50	96 875	59 048,167	1 432 468,745	24,259	23,798
26	51	96 637	57 748,479	1 373 420,578	23,783	23,321
27	52	96 378	56 464,337	1 315 672,099	23,301	22,839
28	53	96 091	55 192,134	1 259 207,762	22,815	22,353
29	54	95 779	53 934,250	1 204 015,627	22,324	21,862
30	55	95 436	52 687,390	1 150 081,377	21,828	21,367
31	56	95 065	51 453,493	1 097 393,987	21,328	20,866
32	57	94 656	50 227,450	1 045 940,494	20,824	20,362
33	58	94 212	49 011,650	995 713,043	20,316	19,854
34	59	93 730	47 804,739	946 701,393	19,804	19,342
35	60	93 202	46 603,462	898 896,654	19,288	18,827
36	61	92 617	45 403,013	852 293,192	18,772	18,310
37	62	92 017	44 224,430	806 890,179	18,245	17,784
38	63	91 372	43 053,440	762 665,749	17,714	17,253
39	64	90 675	41 887,325	719 612,309	17,180	16,718
40	65	89 916	40 722,250	677 724,984	16,643	16,181
41	66	89 084	39 554,128	637 002,734	16,105	15,643
42	67	88 189	38 388,896	597 448,606	15,563	15,101
43	68	87 204	37 215,777	559 059,710	15,022	14,561
44	69	86 171	36 054,218	521 843,933	14,474	14,012
45	70	85 056	34 889,606	485 789,715	13,924	13,462
46	71	83 848	33 719,679	450 900,109	13,372	12,910
47	72	82 544	32 544,585	417 180,429	12,819	12,357
48	73	81 153	31 368,537	384 635,844	12,262	11,800
49	74	79 674	30 193,003	353 267,307	11,700	11,239
50	75	78 064	29 003,001	323 074,303	11,139	10,678
51	76	76 306	27 794,025	294 071,303	10,580	10,119
52	77	74 353	26 551,392	266 277,277	10,029	9,567
53	78	72 214	25 281,898	239 725,885	9,482	9,021
54	79	69 834	23 969,558	214 443,987	8,947	8,485
55	80	67 159	22 599,206	190 474,429	8,428	7,967
56	81	64 182	21 174,124	167 875,224	7,928	7,467
57	82	60 935	19 708,708	146 701,100	7,443	6,982
58	83	57 431	18 211,187	126 992,392	6,973	6,512
59	84	53 639	16 675,160	108 781,204	6,524	6,062
60	85	49 570	15 108,193	92 106,044	6,096	5,635
61	86	45 283	13 530,913	76 997,851	5,691	5,229
62	87	40 804	11 953,382	63 466,938	5,310	4,848
63	88	36 230	10 405,423	51 513,556	4,951	4,489
64	89	31 651	8 912,015	41 108,133	4,613	4,151
65	90	27 115	7 484,992	32 196,118	4,301	3,840
66	91	22 748	6 156,549	24 711,126	4,014	3,552
67	92	18 632	4 943,676	18 554,577	3,753	3,292
68	93	14 866	3 866,997	13 610,901	3,520	3,058
69	94	11 536	2 941,993	9 743,904	3,312	2,850
70	95	8 641	2 160,476	6 801,911	3,148	2,687
71	96	6 344	1 554,996	4 641,434	2,985	2,523
72	97	4 521	1 086,510	3 086,438	2,841	2,379
73	98	3 183	749,948	1 999,928	2,667	2,205
74	99	2 150	496,727	1 249,981	2,516	2,055
75	100	1 395	315,944	753,254	2,384	1,923

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	97 691,511	3 768 173,489	38,572	38,111
2	1	99 313	95 456,537	3 670 481,979	38,452	37,990
3	2	99 275	93 548,624	3 575 025,442	38,216	37,754
4	3	99 250	91 691,609	3 481 476,818	37,969	37,508
5	4	99 227	89 872,600	3 389 785,209	37,718	37,256
6	5	99 208	88 094,078	3 299 912,609	37,459	36,997
7	6	99 191	86 351,310	3 211 818,532	37,195	36,733
8	7	99 176	84 645,447	3 125 467,222	36,924	36,463
9	8	99 163	82 974,881	3 040 821,775	36,647	36,186
10	9	99 149	81 336,345	2 957 846,894	36,366	35,904
11	10	99 135	79 730,223	2 876 510,549	36,078	35,616
12	11	99 120	78 155,273	2 796 780,326	35,785	35,323
13	12	99 105	76 611,106	2 718 625,053	35,486	35,024
14	13	99 087	75 095,803	2 642 013,946	35,182	34,720
15	14	99 067	73 608,134	2 566 918,143	34,873	34,411
16	15	99 042	72 146,420	2 493 310,009	34,559	34,097
17	16	99 004	70 704,719	2 421 163,589	34,243	33,782
18	17	98 961	69 288,249	2 350 458,870	33,923	33,461
19	18	98 908	67 893,673	2 281 170,620	33,599	33,138
20	19	98 847	66 521,082	2 213 276,947	33,272	32,810
21	20	98 783	65 174,768	2 146 755,865	32,938	32,477
22	21	98 721	63 856,430	2 081 581,097	32,598	32,136
23	22	98 660	62 565,748	2 017 724,666	32,250	31,788
24	23	98 598	61 300,192	1 955 158,918	31,895	31,433
25	24	98 528	60 056,141	1 893 858,727	31,535	31,073
26	25	98 464	58 840,262	1 833 802,585	31,166	30,704
27	26	98 399	57 648,447	1 774 962,323	30,789	30,328
28	27	98 328	56 477,270	1 717 313,876	30,407	29,946
29	28	98 256	55 329,264	1 660 836,606	30,017	29,556
30	29	98 175	54 199,796	1 605 507,342	29,622	29,160
31	30	98 093	53 092,699	1 551 307,547	29,219	28,757
32	31	97 997	52 000,391	1 498 214,848	28,812	28,350
33	32	97 897	50 928,800	1 446 214,457	28,397	27,935
34	33	97 793	49 877,427	1 395 285,657	27,974	27,513
35	34	97 680	48 842,664	1 345 408,230	27,546	27,084
36	35	97 555	47 823,743	1 296 565,566	27,111	26,650
37	36	97 429	46 825,568	1 248 741,823	26,668	26,206
38	37	97 292	45 842,902	1 201 916,255	26,218	25,757
39	38	97 145	44 876,190	1 156 073,353	25,761	25,300
40	39	96 983	43 922,509	1 111 197,163	25,299	24,837
41	40	96 803	42 981,549	1 067 274,654	24,831	24,369
42	41	96 609	42 054,398	1 024 293,105	24,356	23,895
43	42	96 392	41 136,963	982 238,707	23,877	23,416
44	43	96 154	40 230,897	941 101,744	23,393	22,931
45	44	95 895	39 335,804	900 870,847	22,902	22,440
46	45	95 601	38 446,420	861 535,044	22,409	21,947
47	46	95 286	37 568,397	823 088,624	21,909	21,447
48	47	94 929	36 693,558	785 520,226	21,408	20,946
49	48	94 529	35 822,469	748 826,669	20,904	20,442
50	49	94 081	34 953,549	713 004,199	20,399	19,937
51	50	93 580	34 085,782	678 050,651	19,892	19,431
52	51	93 035	33 222,809	643 964,869	19,383	18,922
53	52	92 418	32 355,617	610 742,060	18,876	18,414
54	53	91 732	31 485,525	578 386,443	18,370	17,908
55	54	90 971	30 612,201	546 900,917	17,865	17,404
56	55	90 140	29 737,670	516 288,716	17,361	16,900
57	56	89 227	28 859,500	486 551,047	16,859	16,398
58	57	88 234	27 978,663	457 691,547	16,359	15,897
59	58	87 140	27 089,955	429 712,883	15,862	15,401
60	59	85 953	26 197,044	402 622,929	15,369	14,907
61	60	84 679	25 302,683	376 425,885	14,877	14,415
62	61	83 297	24 401,710	351 123,202	14,389	13,928
63	62	81 827	23 500,904	326 721,492	13,903	13,441
64	63	80 267	22 600,837	303 220,587	13,416	12,955
65	64	78 600	21 697,529	280 619,750	12,933	12,472
66	65	76 828	20 792,565	258 922,221	12,453	11,991
67	66	74 967	19 891,006	238 129,655	11,972	11,510
68	67	72 978	18 983,577	218 238,649	11,496	11,035
69	68	70 918	18 086,207	199 255,072	11,017	10,555
70	69	68 746	17 188,299	181 168,865	10,540	10,079
71	70	66 455	16 289,685	163 980,566	10,067	9,605
72	71	64 044	15 390,918	147 690,881	9,596	9,134
73	72	61 534	14 497,807	132 299,963	9,126	8,664
74	73	58 931	13 612,334	117 802,156	8,654	8,192
75	74	56 225	12 732,560	104 189,822	8,183	7,721
76	75	53 382	11 851,786	91 457,261	7,717	7,255
77	76	50 393	10 968,806	79 605,476	7,257	6,796
78	77	47 260	10 085,057	68 636,670	6,806	6,344
79	78	43 972	9 199,514	58 551,613	6,365	5,903
80	79	40 502	8 307,443	49 352,099	5,941	5,479
81	80	36 874	7 414,966	41 044,656	5,535	5,074
82	81	33 099	6 525,272	33 629,690	5,154	4,692
83	82	29 275	5 658,182	27 104,418	4,790	4,329
84	83	25 443	4 821,245	21 446,236	4,448	3,987
85	84	21 681	4 027,780	16 624,991	4,128	3,666
86	85	18 049	3 287,347	12 597,211	3,832	3,370
87	86	14 656	2 617,070	9 309,864	3,557	3,096
88	87	11 578	2 026,759	6 692,795	3,302	2,841
89	88	8 871	1 522,463	4 666,036	3,065	2,603
90	89	6 577	1 106,597	3 143,573	2,841	2,379
91	90	4 689	773,570	2 036,975	2,633	2,172
92	91	3 187	515,411	1 263,405	2,451	1,990
93	92	2 059	326,404	747,994	2,292	1,830
94	93	1 265	196,592	421,589	2,144	1,683
95	94	727	110,731	224,997	2,032	1,570
96	95	397	59,289	114,267	1,927	1,466
97	96	205	30,005	54,978	1,832	1,371
98	97	99	14,226	24,973	1,756	1,294
99	98	46	6,437	10,748	1,670	1,208
100	99	20	2,700	4,311	1,597	1,135

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	95 749,901	3 678 708,795	38,420	37,958
3	1	99 297	93 570,244	3 582 958,894	38,292	37,830
4	2	99 262	91 702,529	3 489 388,651	38,051	37,590
5	3	99 238	89 883,308	3 397 686,122	37,801	37,339
6	4	99 217	88 102,089	3 307 802,813	37,545	37,084
7	5	99 198	86 357,786	3 219 700,724	37,283	36,822
8	6	99 182	84 651,019	3 133 342,938	37,015	36,553
9	7	99 168	82 978,972	3 048 691,919	36,741	36,279
10	8	99 155	81 341,381	2 965 712,948	36,460	35,998
11	9	99 141	79 735,382	2 884 371,566	36,174	35,713
12	10	99 126	78 159,905	2 804 636,184	35,883	35,422
13	11	99 112	76 616,813	2 726 476,280	35,586	35,124
14	12	99 095	75 101,745	2 649 859,467	35,284	34,822
15	13	99 075	73 614,444	2 574 757,722	34,976	34,515
16	14	99 052	72 153,991	2 501 143,277	34,664	34,202
17	15	99 016	70 713,566	2 428 989,286	34,350	33,888
18	16	98 975	69 298,028	2 358 275,720	34,031	33,569
19	17	98 923	67 903,616	2 288 977,693	33,709	33,248
20	18	98 867	66 534,631	2 221 074,077	33,382	32,921
21	19	98 802	65 187,351	2 154 539,446	33,051	32,590
22	20	98 739	63 868,257	2 089 352,095	32,713	32,252
23	21	98 676	62 576,108	2 025 483,838	32,368	31,907
24	22	98 615	61 310,801	1 962 907,730	32,016	31,554
25	23	98 550	60 069,175	1 901 596,929	31,657	31,195
26	24	98 481	58 850,241	1 841 527,753	31,292	30,830
27	25	98 418	57 659,198	1 782 677,512	30,917	30,456
28	26	98 347	56 488,261	1 725 018,314	30,538	30,076
29	27	98 278	55 341,352	1 668 530,053	30,150	29,688
30	28	98 200	54 213,316	1 613 188,701	29,756	29,295
31	29	98 119	53 106,442	1 558 975,384	29,356	28,894
32	30	98 026	52 015,836	1 505 868,943	28,950	28,489
33	31	97 928	50 945,062	1 453 853,107	28,538	28,076
34	32	97 827	49 894,743	1 402 908,045	28,117	27,656
35	33	97 715	48 860,061	1 353 013,302	27,692	27,230
36	34	97 593	47 842,455	1 304 153,242	27,259	26,798
37	35	97 468	46 844,422	1 256 310,786	26,819	26,357
38	36	97 338	45 864,405	1 209 466,365	26,370	25,909
39	37	97 190	44 896,853	1 163 601,959	25,917	25,456
40	38	97 039	43 948,248	1 118 705,107	25,455	24,993
41	39	96 861	43 007,168	1 074 756,859	24,990	24,529
42	40	96 675	42 082,960	1 031 749,691	24,517	24,055
43	41	96 465	41 168,368	989 666,731	24,039	23,578
44	42	96 234	40 264,309	948 498,362	23,557	23,095
45	43	95 981	39 371,235	908 234,054	23,068	22,607
46	44	95 699	38 485,677	868 862,819	22,576	22,115
47	45	95 392	37 610,218	830 377,142	22,078	21,617
48	46	95 050	36 740,208	792 766,924	21,578	21,116
49	47	94 664	35 873,896	756 026,716	21,075	20,613
50	48	94 231	35 009,549	720 152,820	20,570	20,109
51	49	93 750	34 147,639	685 143,270	20,064	19,603
52	50	93 218	33 288,409	650 995,632	19,556	19,095
53	51	92 623	32 427,242	617 707,223	19,049	18,587
54	52	91 958	31 563,022	585 279,981	18,543	18,082
55	53	91 221	30 696,098	553 716,959	18,039	17,577
56	54	90 412	29 827,439	523 020,861	17,535	17,073
57	55	89 524	28 955,441	493 193,422	17,033	16,571
58	56	88 555	28 080,283	464 237,981	16,533	16,071
59	57	87 489	27 198,539	436 157,698	16,036	15,574
60	58	86 334	26 313,099	408 959,159	15,542	15,080
61	59	85 090	25 425,489	382 646,060	15,050	14,588
62	60	83 749	24 533,973	357 220,572	14,560	14,099
63	61	82 287	23 633,134	332 686,599	14,077	13,616
64	62	80 757	22 739,014	309 053,464	13,591	13,130
65	63	79 121	21 841,341	286 314,450	13,109	12,647
66	64	77 392	20 945,200	264 473,109	12,627	12,165
67	65	75 572	20 051,663	243 527,908	12,145	11,683
68	66	73 621	19 150,868	223 476,245	11,669	11,208
69	67	71 613	18 263,259	204 325,377	11,188	10,726
70	68	69 455	17 365,686	186 062,118	10,714	10,253
71	69	67 205	16 473,732	168 696,432	10,240	9,779
72	70	64 834	15 580,747	152 222,700	9,770	9,308
73	71	62 369	14 694,573	136 641,954	9,299	8,837
74	72	59 793	13 811,346	121 947,381	8,830	8,368
75	73	57 109	12 932,796	108 136,034	8,361	7,900
76	74	54 311	12 058,080	95 203,239	7,895	7,434
77	75	51 373	11 182,019	83 145,158	7,436	6,974
78	76	48 314	10 310,086	71 963,139	6,980	6,518
79	77	45 074	9 430,098	61 653,053	6,538	6,076
80	78	41 673	8 547,634	52 222,956	6,110	5,648
81	79	38 130	7 667,402	43 675,322	5,696	5,235
82	80	34 421	6 785,905	36 007,920	5,306	4,845
83	81	30 624	5 918,988	29 222,015	4,937	4,475
84	82	26 792	5 076,820	23 303,027	4,590	4,128
85	83	23 018	4 276,146	18 226,208	4,262	3,801
86	84	19 350	3 524,251	13 950,061	3,958	3,497
87	85	15 883	2 836,075	10 425,811	3,676	3,215
88	86	12 707	2 224,537	7 589,736	3,412	2,950
89	87	9 869	1 693,866	5 365,199	3,167	2,706
90	88	7 430	1 250,145	3 671,333	2,937	2,475
91	89	5 396	890,101	2 421,188	2,720	2,259
92	90	3 740	604,898	1 531,087	2,531	2,070
93	91	2 472	392,000	926,189	2,363	1,901
94	92	1 557	241,976	534,189	2,208	1,746
95	93	919	140,023	292,213	2,087	1,625
96	94	519	77,519	152,189	1,963	1,502
97	95	273	39,955	74,671	1,869	1,407
98	96	136	19,473	34,715	1,783	1,321
99	97	63	8,904	15,242	1,712	1,250
100	98	28	3,883	6,338	1,632	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	93 857,811	3 590 576,810	38,255	37,794
4	1	99 285	91 723,722	3 496 718,999	38,122	37,661
5	2	99 250	89 894,013	3 404 995,276	37,878	37,416
6	3	99 229	88 112,586	3 315 101,263	37,623	37,162
7	4	99 207	86 365,639	3 226 988,677	37,364	36,903
8	5	99 190	84 657,368	3 140 623,038	37,098	36,636
9	6	99 174	82 984,434	3 055 965,670	36,826	36,364
10	7	99 160	81 345,391	2 972 981,236	36,548	36,086
11	8	99 147	79 740,319	2 891 635,844	36,263	35,802
12	9	99 132	78 164,962	2 811 895,525	35,974	35,512
13	10	99 118	76 621,353	2 733 730,563	35,678	35,217
14	11	99 103	75 107,339	2 657 109,210	35,377	34,916
15	12	99 083	73 620,269	2 582 001,871	35,072	34,610
16	13	99 060	72 160,177	2 508 381,602	34,761	34,300
17	14	99 026	70 720,987	2 436 221,425	34,448	33,987
18	15	98 987	69 306,698	2 365 500,438	34,131	33,669
19	16	98 937	67 913,198	2 296 193,740	33,811	33,349
20	17	98 881	66 544,374	2 228 280,542	33,486	33,024
21	18	98 822	65 200,629	2 161 736,167	33,155	32,694
22	19	98 758	63 880,587	2 096 535,539	32,820	32,358
23	20	98 694	62 587,697	2 032 654,951	32,477	32,015
24	21	98 631	61 320,953	1 970 067,254	32,127	31,666
25	22	98 567	60 079,572	1 908 746,301	31,770	31,309
26	23	98 502	58 863,014	1 848 666,729	31,406	30,945
27	24	98 434	57 668,977	1 789 803,715	31,036	30,574
28	25	98 366	56 498,796	1 732 134,738	30,658	30,196
29	26	98 297	55 352,122	1 675 635,942	30,272	29,811
30	27	98 221	54 225,161	1 620 283,820	29,881	29,419
31	28	98 143	53 119,689	1 566 058,659	29,482	29,020
32	29	98 051	52 029,300	1 512 938,970	29,079	28,617
33	30	97 957	50 960,194	1 460 909,670	28,668	28,206
34	31	97 859	49 910,674	1 409 949,476	28,249	27,788
35	32	97 749	48 877,023	1 360 038,802	27,826	27,364
36	33	97 628	47 859,495	1 311 161,779	27,396	26,934
37	34	97 507	46 862,751	1 263 302,284	26,957	26,496
38	35	97 377	45 882,872	1 216 439,533	26,512	26,050
39	36	97 236	44 917,912	1 170 556,661	26,060	25,598
40	37	97 084	43 968,483	1 125 638,748	25,601	25,139
41	38	96 918	43 032,371	1 081 670,265	25,136	24,675
42	39	96 732	42 108,044	1 038 637,895	24,666	24,204
43	40	96 531	41 196,328	996 529,851	24,190	23,728
44	41	96 307	40 295,048	955 333,523	23,708	23,247
45	42	96 061	39 403,933	915 038,474	23,222	22,760
46	43	95 785	38 520,342	875 634,542	22,732	22,270
47	44	95 490	37 648,621	837 114,199	22,235	21,773
48	45	95 155	36 781,107	799 465,578	21,736	21,274
49	46	94 785	35 919,504	762 684,471	21,233	20,772
50	47	94 367	35 059,809	726 764,967	20,729	20,268
51	48	93 900	34 202,348	691 705,158	20,224	19,762
52	49	93 388	33 348,819	657 502,810	19,716	19,254
53	50	92 806	32 491,271	624 153,991	19,210	18,748
54	51	92 161	31 632,892	591 662,720	18,704	18,242
55	52	91 445	30 771,652	560 029,828	18,200	17,738
56	53	90 660	29 909,185	529 258,176	17,696	17,234
57	54	89 794	29 042,849	499 348,991	17,194	16,732
58	55	88 849	28 173,633	470 306,142	16,693	16,232
59	56	87 807	27 297,325	442 132,509	16,197	15,735
60	57	86 680	26 418,569	414 835,184	15,702	15,241
61	58	85 467	25 538,126	388 416,615	15,209	14,748
62	59	84 155	24 653,047	362 878,489	14,719	14,258
63	60	82 733	23 761,232	338 225,441	14,234	13,773
64	61	81 212	22 866,957	314 464,210	13,752	13,290
65	62	79 604	21 974,875	291 597,252	13,270	12,808
66	63	77 905	21 084,026	269 622,378	12,788	12,326
67	64	76 127	20 198,859	248 538,351	12,305	11,843
68	65	74 215	19 305,547	228 339,492	11,828	11,366
69	66	72 244	18 424,202	209 033,945	11,346	10,884
70	67	70 135	17 535,684	190 609,743	10,870	10,408
71	68	67 899	16 643,745	173 074,059	10,399	9,937
72	69	65 566	15 756,784	156 430,314	9,928	9,466
73	70	63 138	14 875,813	140 673,530	9,457	8,995
74	71	60 604	13 998,795	125 797,717	8,986	8,525
75	72	57 944	13 121,873	111 798,922	8,520	8,058
76	73	55 166	12 247,709	98 677,049	8,057	7,595
77	74	52 267	11 376,656	86 429,340	7,597	7,135
78	75	49 253	10 510,495	75 052,685	7,141	6,679
79	76	46 080	9 640,512	64 542,190	6,695	6,233
80	77	42 718	8 761,878	54 901,678	6,266	5,804
81	78	39 232	7 889,087	46 139,800	5,849	5,387
82	79	35 593	7 016,925	38 250,712	5,451	4,990
83	80	31 847	6 155,405	31 233,787	5,074	4,613
84	81	28 027	5 310,828	25 078,382	4,722	4,261
85	82	24 238	4 502,826	19 767,554	4,390	3,928
86	83	20 543	3 741,568	15 264,728	4,080	3,618
87	84	17 028	3 040,458	11 523,161	3,790	3,328
88	85	13 771	2 410,694	8 482,703	3,519	3,057
89	86	10 833	1 859,159	6 072,009	3,266	2,804
90	87	8 266	1 390,890	4 212,850	3,029	2,567
91	88	6 096	1 005,565	2 821,960	2,806	2,345
92	89	4 304	696,020	1 816,396	2,610	2,148
93	90	2 902	460,060	1 120,376	2,435	1,974
94	91	1 869	290,605	660,316	2,272	1,811
95	92	1 131	172,349	369,712	2,145	1,684
96	93	656	98,026	197,363	2,013	1,552
97	94	357	52,241	99,337	1,902	1,440
98	95	181	25,931	47,096	1,816	1,355
99	96	87	12,188	21,165	1,737	1,275
100	97	39	5,371	8,977	1,671	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	92 005,615	3 503 762,220	38,082	37,620
5	1	99 273	89 914,788	3 411 756,605	37,944	37,483
6	2	99 241	88 123,080	3 321 841,817	37,695	37,234
7	3	99 219	86 375,930	3 233 718,737	37,438	36,976
8	4	99 199	84 665,066	3 147 342,807	37,174	36,712
9	5	99 182	82 990,658	3 062 677,740	36,904	36,442
10	6	99 166	81 350,746	2 979 687,082	36,628	36,166
11	7	99 152	79 744,250	2 898 336,336	36,345	35,884
12	8	99 138	78 169,802	2 818 592,086	36,057	35,596
13	9	99 124	76 626,311	2 740 422,284	35,763	35,302
14	10	99 108	75 111,790	2 663 795,972	35,464	35,003
15	11	99 091	73 625,753	2 588 684,183	35,160	34,698
16	12	99 068	72 165,886	2 515 058,430	34,851	34,389
17	13	99 035	70 727,050	2 442 892,544	34,540	34,078
18	14	98 997	69 313,972	2 372 165,494	34,223	33,762
19	15	98 949	67 921,695	2 302 851,522	33,905	33,443
20	16	98 895	66 553,765	2 234 929,827	33,581	33,119
21	17	98 837	65 210,177	2 168 376,062	33,252	32,791
22	18	98 778	63 893,599	2 103 165,885	32,917	32,455
23	19	98 714	62 599,781	2 039 272,286	32,576	32,115
24	20	98 649	61 332,310	1 976 672,506	32,229	31,767
25	21	98 583	60 089,520	1 915 340,195	31,875	31,413
26	22	98 519	58 873,201	1 855 250,675	31,513	31,051
27	23	98 456	57 681,493	1 796 377,474	31,143	30,681
28	24	98 382	56 508,378	1 738 695,981	30,769	30,307
29	25	98 315	55 362,445	1 682 187,603	30,385	29,923
30	26	98 240	54 235,713	1 626 825,158	29,995	29,534
31	27	98 165	53 131,295	1 572 589,444	29,598	29,137
32	28	98 076	52 042,279	1 519 458,150	29,197	28,735
33	29	97 983	50 973,384	1 467 415,871	28,788	28,326
34	30	97 888	49 925,499	1 416 442,486	28,371	27,910
35	31	97 780	48 892,630	1 366 516,988	27,949	27,488
36	32	97 662	47 876,111	1 317 624,358	27,522	27,060
37	33	97 541	46 879,442	1 269 748,247	27,085	26,624
38	34	97 415	45 900,825	1 222 868,805	26,642	26,180
39	35	97 275	44 935,998	1 176 967,980	26,192	25,730
40	36	97 130	43 989,107	1 132 031,982	25,734	25,273
41	37	96 962	43 052,184	1 088 042,875	25,273	24,811
42	38	96 789	42 132,719	1 044 990,691	24,802	24,341
43	39	96 588	41 220,884	1 002 857,972	24,329	23,867
44	40	96 373	40 322,415	961 637,088	23,849	23,387
45	41	96 134	39 434,015	921 314,673	23,363	22,902
46	42	95 865	38 552,334	881 880,657	22,875	22,413
47	43	95 576	37 682,533	843 328,324	22,380	21,918
48	44	95 252	36 818,664	805 645,791	21,881	21,420
49	45	94 890	35 959,490	768 827,127	21,380	20,919
50	46	94 487	35 104,382	732 867,638	20,877	20,415
51	47	94 035	34 251,449	697 763,256	20,372	19,910
52	48	93 537	33 402,248	663 511,807	19,864	19,403
53	49	92 974	32 550,234	630 109,559	19,358	18,896
54	50	92 343	31 695,353	597 559,324	18,853	18,392
55	51	91 647	30 839,770	565 863,971	18,349	17,887
56	52	90 883	29 982,802	535 024,201	17,844	17,383
57	53	90 040	29 122,445	505 041,399	17,342	16,880
58	54	89 117	28 258,681	475 918,954	16,842	16,380
59	55	88 099	27 388,072	447 660,273	16,345	15,883
60	56	86 995	26 514,522	420 272,201	15,851	15,389
61	57	85 810	25 640,490	393 757,679	15,357	14,895
62	58	84 528	24 762,263	368 117,189	14,866	14,404
63	59	83 135	23 876,556	343 354,926	14,380	13,919
64	60	81 652	22 990,902	319 478,370	13,896	13,434
65	61	80 052	22 098,518	296 487,469	13,417	12,955
66	62	78 381	21 212,930	274 388,951	12,935	12,473
67	63	76 632	20 332,738	253 176,021	12,452	11,990
68	64	74 760	19 447,266	232 843,283	11,973	11,511
69	65	72 827	18 573,012	213 396,016	11,490	11,028
70	66	70 753	17 690,215	194 823,004	11,013	10,551
71	67	68 564	16 806,675	177 132,789	10,539	10,078
72	68	66 243	15 919,398	160 326,114	10,071	9,610
73	69	63 852	15 043,886	144 406,716	9,599	9,137
74	70	61 352	14 171,453	129 362,830	9,128	8,667
75	71	58 730	13 299,964	115 191,376	8,661	8,199
76	72	55 972	12 426,770	101 891,412	8,199	7,738
77	73	53 089	11 555,568	89 464,642	7,742	7,281
78	74	50 111	10 693,443	77 909,074	7,286	6,824
79	75	46 976	9 827,906	67 215,632	6,839	6,378
80	76	43 671	8 957,383	57 387,726	6,407	5,945
81	77	40 215	8 086,825	48 430,343	5,989	5,527
82	78	36 622	7 219,803	40 343,518	5,588	5,126
83	79	32 931	6 364,960	33 123,714	5,204	4,742
84	80	29 146	5 522,954	26 758,754	4,845	4,383
85	81	25 355	4 710,377	21 235,800	4,508	4,047
86	82	21 632	3 939,909	16 525,423	4,194	3,733
87	83	18 078	3 227,943	12 585,514	3,899	3,437
88	84	14 763	2 584,421	9 357,572	3,621	3,159
89	85	11 739	2 014,740	6 773,150	3,362	2,900
90	86	9 073	1 526,618	4 758,410	3,117	2,655
91	87	6 782	1 118,773	3 231,793	2,889	2,427
92	88	4 862	786,308	2 113,020	2,687	2,226
93	89	3 339	529,363	1 326,712	2,506	2,045
94	90	2 194	341,060	797,349	2,338	1,876
95	91	1 358	206,984	456,289	2,204	1,743
96	92	808	120,656	249,305	2,066	1,605
97	93	451	66,061	128,649	1,947	1,486
98	94	236	33,904	62,588	1,846	1,384
99	95	115	16,230	28,684	1,767	1,306
100	96	53	7,352	12,454	1,694	1,232

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	90 191,121	3 418 260,046	37,900	37,439
6	1	99 264	88 143,446	3 328 068,924	37,757	37,296
7	2	99 231	86 386,217	3 239 925,478	37,505	37,044
8	3	99 210	84 675,154	3 153 539,261	37,243	36,781
9	4	99 191	82 998,205	3 068 864,107	36,975	36,513
10	5	99 174	81 356,847	2 985 865,902	36,701	36,239
11	6	99 158	79 749,500	2 904 509,054	36,420	35,959
12	7	99 143	78 173,656	2 824 759,554	36,134	35,673
13	8	99 130	76 631,056	2 746 585,899	35,842	35,380
14	9	99 115	75 116,650	2 669 954,843	35,544	35,083
15	10	99 096	73 630,116	2 594 838,193	35,242	34,780
16	11	99 076	72 171,262	2 521 208,077	34,934	34,472
17	12	99 043	70 732,646	2 449 036,815	34,624	34,162
18	13	99 006	69 319,914	2 378 304,169	34,309	33,847
19	14	98 959	67 928,824	2 308 984,256	33,991	33,530
20	15	98 908	66 562,092	2 241 055,432	33,669	33,207
21	16	98 851	65 219,379	2 174 493,340	33,341	32,880
22	17	98 793	63 902,955	2 109 273,961	33,007	32,546
23	18	98 734	62 612,531	2 045 371,005	32,667	32,206
24	19	98 668	61 344,151	1 982 758,474	32,322	31,860
25	20	98 601	60 100,649	1 921 414,323	31,970	31,508
26	21	98 536	58 882,950	1 861 313,674	31,610	31,149
27	22	98 473	57 691,477	1 802 430,724	31,243	30,781
28	23	98 404	56 520,642	1 744 739,248	30,869	30,407
29	24	98 332	55 371,834	1 688 218,606	30,489	30,027
30	25	98 259	54 245,828	1 632 846,771	30,101	29,639
31	26	98 184	53 141,635	1 578 600,943	29,706	29,244
32	27	98 097	52 053,649	1 525 459,309	29,306	28,844
33	28	98 007	50 986,100	1 473 405,659	28,898	28,437
34	29	97 913	49 938,422	1 422 419,559	28,483	28,022
35	30	97 809	48 907,152	1 372 481,138	28,063	27,601
36	31	97 693	47 891,397	1 323 573,986	27,637	27,175
37	32	97 575	46 895,717	1 275 682,588	27,203	26,741
38	33	97 450	45 917,173	1 228 786,872	26,761	26,299
39	34	97 313	44 953,580	1 182 869,698	26,313	25,852
40	35	97 169	44 006,819	1 137 916,118	25,858	25,396
41	36	97 008	43 072,379	1 093 909,298	25,397	24,935
42	37	96 834	42 152,118	1 050 836,920	24,930	24,468
43	38	96 645	41 245,039	1 008 684,801	24,456	23,994
44	39	96 430	40 346,449	967 439,762	23,978	23,517
45	40	96 200	39 460,797	927 093,313	23,494	23,032
46	41	95 938	38 581,766	887 632,515	23,007	22,545
47	42	95 655	37 713,828	849 050,749	22,513	22,051
48	43	95 338	36 851,828	811 336,921	22,016	21,555
49	44	94 987	35 996,207	774 485,093	21,516	21,054
50	45	94 592	35 143,460	738 488,886	21,014	20,552
51	46	94 154	34 294,994	703 345,426	20,509	20,047
52	47	93 672	33 450,200	669 050,432	20,001	19,540
53	48	93 123	32 602,385	635 600,231	19,496	19,034
54	49	92 511	31 752,872	602 997,847	18,990	18,529
55	50	91 828	30 900,665	571 244,975	18,486	18,025
56	51	91 084	30 049,174	540 344,310	17,982	17,520
57	52	90 262	29 194,125	510 295,136	17,479	17,018
58	53	89 362	28 336,128	481 101,011	16,978	16,517
59	54	88 365	27 470,749	452 764,883	16,482	16,020
60	55	87 284	26 602,668	425 294,134	15,987	15,525
61	56	86 121	25 733,617	398 691,467	15,493	15,031
62	57	84 867	24 861,517	372 957,850	15,001	14,540
63	58	83 503	23 982,331	348 096,333	14,515	14,053
64	59	82 048	23 102,487	324 114,002	14,029	13,568
65	60	80 486	22 218,297	301 011,515	13,548	13,086
66	61	78 822	21 332,286	278 793,218	13,069	12,607
67	62	77 100	20 457,048	257 460,932	12,585	12,124
68	63	75 256	19 576,164	237 003,883	12,107	11,645
69	64	73 362	18 709,354	217 427,719	11,621	11,160
70	65	71 325	17 833,097	198 718,366	11,143	10,682
71	66	69 168	16 954,782	180 885,269	10,669	10,207
72	67	66 891	16 075,238	163 930,486	10,198	9,736
73	68	64 511	15 199,142	147 855,249	9,728	9,266
74	69	62 045	14 331,568	132 656,107	9,256	8,795
75	70	59 455	13 464,003	118 324,538	8,788	8,327
76	71	56 732	12 595,427	104 860,535	8,325	7,864
77	72	53 865	11 724,510	92 265,108	7,869	7,408
78	73	50 899	10 861,610	80 540,598	7,415	6,954
79	74	47 794	9 998,973	69 678,987	6,969	6,507
80	75	44 520	9 131,498	59 680,015	6,536	6,074
81	76	41 113	8 267,267	50 548,517	6,114	5,653
82	77	37 540	7 400,766	42 281,249	5,713	5,251
83	78	33 884	6 548,988	34 880,483	5,326	4,864
84	79	30 139	5 710,978	28 331,495	4,961	4,499
85	80	26 368	4 898,519	22 620,517	4,618	4,156
86	81	22 629	4 121,514	17 721,998	4,300	3,838
87	82	19 036	3 399,056	13 600,484	4,001	3,540
88	83	15 673	2 743,785	10 201,428	3,718	3,256
89	84	12 585	2 159,933	7 457,642	3,453	2,991
90	85	9 832	1 654,370	5 297,710	3,202	2,741
91	86	7 444	1 227,947	3 643,339	2,967	2,505
92	87	5 409	874,832	2 415,392	2,761	2,299
93	88	3 772	598,032	1 540,560	2,576	2,114
94	89	2 525	392,437	942,529	2,402	1,940
95	90	1 594	242,921	550,091	2,264	1,803
96	91	970	144,903	307,170	2,120	1,658
97	92	555	81,311	162,267	1,996	1,534
98	93	299	42,873	80,955	1,888	1,427
99	94	151	21,221	38,082	1,795	1,333
100	95	71	9,790	16,861	1,722	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	88 414,335	3 334 067,678	37,710	37,248
7	1	99 254	86 406,182	3 245 653,343	37,563	37,101
8	2	99 222	84 685,239	3 159 247,161	37,306	36,844
9	3	99 202	83 008,095	3 074 561,923	37,039	36,578
10	4	99 183	81 364,246	2 991 553,828	36,767	36,306
11	5	99 166	79 755,481	2 910 189,582	36,489	36,027
12	6	99 150	78 178,802	2 830 434,101	36,205	35,743
13	7	99 135	76 634,833	2 752 255,299	35,914	35,452
14	8	99 121	75 121,301	2 675 620,466	35,617	35,156
15	9	99 103	73 634,880	2 600 499,164	35,316	34,855
16	10	99 082	72 175,538	2 526 864,284	35,010	34,548
17	11	99 050	70 737,915	2 454 688,746	34,701	34,240
18	12	99 014	69 325,398	2 383 950,831	34,388	33,926
19	13	98 968	67 934,647	2 314 625,433	34,071	33,610
20	14	98 918	66 569,078	2 246 690,786	33,750	33,288
21	15	98 863	65 227,539	2 180 121,708	33,423	32,962
22	16	98 807	63 911,973	2 114 894,169	33,091	32,629
23	17	98 748	62 621,700	2 050 982,195	32,752	32,290
24	18	98 688	61 356,646	1 988 360,495	32,407	31,945
25	19	98 621	60 112,252	1 927 003,849	32,057	31,595
26	20	98 554	58 893,855	1 866 891,597	31,699	31,238
27	21	98 489	57 701,029	1 807 997,742	31,334	30,872
28	22	98 421	56 530,424	1 750 296,713	30,962	30,500
29	23	98 353	55 383,852	1 693 766,288	30,582	30,121
30	24	98 275	54 255,028	1 638 382,437	30,198	29,736
31	25	98 202	53 151,545	1 584 127,408	29,804	29,342
32	26	98 116	52 063,779	1 530 975,863	29,406	28,944
33	27	98 028	50 997,239	1 478 912,084	29,000	28,538
34	28	97 937	49 950,879	1 427 914,844	28,586	28,125
35	29	97 834	48 919,811	1 377 963,965	28,168	27,706
36	30	97 722	47 905,622	1 329 044,154	27,743	27,281
37	31	97 606	46 910,691	1 281 138,532	27,310	26,849
38	32	97 484	45 933,114	1 234 227,841	26,870	26,408
39	33	97 348	44 969,592	1 188 294,727	26,424	25,963
40	34	97 207	44 024,038	1 143 325,135	25,970	25,509
41	35	97 047	43 089,721	1 099 301,097	25,512	25,050
42	36	96 879	42 171,891	1 056 211,376	25,045	24,584
43	37	96 689	41 264,030	1 014 039,485	24,574	24,113
44	38	96 487	40 370,093	972 775,455	24,096	23,635
45	39	96 257	39 484,318	932 405,363	23,615	23,153
46	40	96 003	38 607,969	892 921,044	23,128	22,666
47	41	95 728	37 742,621	854 313,075	22,635	22,174
48	42	95 417	36 882,433	816 570,454	22,140	21,678
49	43	95 073	36 028,630	779 688,021	21,641	21,179
50	44	94 688	35 179,344	743 659,391	21,139	20,677
51	45	94 259	34 333,171	708 480,046	20,635	20,174
52	46	93 791	33 492,727	674 146,875	20,128	19,667
53	47	93 257	32 649,188	640 654,148	19,622	19,161
54	48	92 659	31 803,744	608 004,959	19,117	18,656
55	49	91 995	30 956,741	576 201,215	18,613	18,151
56	50	91 264	30 108,508	545 244,474	18,109	17,648
57	51	90 462	29 258,751	515 135,966	17,606	17,145
58	52	89 581	28 405,873	485 877,215	17,105	16,643
59	53	88 607	27 546,036	457 471,342	16,608	16,146
60	54	87 548	26 682,974	429 925,306	16,112	15,651
61	55	86 408	25 819,166	403 242,332	15,618	15,156
62	56	85 175	24 951,815	377 423,166	15,126	14,664
63	57	83 838	24 078,459	352 471,352	14,638	14,177
64	58	82 412	23 204,833	328 392,893	14,152	13,690
65	59	80 877	22 326,133	305 188,060	13,670	13,208
66	60	79 249	21 447,912	282 861,927	13,188	12,727
67	61	77 534	20 572,152	261 414,015	12,707	12,246
68	62	75 716	19 695,848	240 841,863	12,228	11,766
69	63	73 848	18 833,360	221 146,015	11,742	11,281
70	64	71 848	17 964,007	202 312,654	11,262	10,801
71	65	69 727	17 091,724	184 348,647	10,786	10,324
72	66	67 481	16 216,899	167 256,923	10,314	9,852
73	67	65 142	15 347,931	151 040,024	9,841	9,379
74	68	62 685	14 479,473	135 692,093	9,371	8,910
75	69	60 127	13 616,125	121 212,620	8,902	8,441
76	70	57 431	12 750,777	107 596,495	8,438	7,977
77	71	54 596	11 883,636	94 845,718	7,981	7,520
78	72	51 643	11 020,407	82 962,082	7,528	7,066
79	73	48 545	10 156,219	71 941,675	7,084	6,622
80	74	45 295	9 290,442	61 785,456	6,650	6,189
81	75	41 912	8 427,968	52 495,013	6,229	5,767
82	76	38 377	7 565,900	44 067,046	5,824	5,363
83	77	34 733	6 713,137	36 501,146	5,437	4,976
84	78	31 010	5 876,098	29 788,008	5,069	4,608
85	79	27 266	5 065,285	23 911,911	4,721	4,259
86	80	23 533	4 286,135	18 846,626	4,397	3,936
87	81	19 913	3 555,731	14 560,490	4,095	3,633
88	82	16 504	2 889,234	11 004,759	3,809	3,347
89	83	13 361	2 293,122	8 115,525	3,539	3,077
90	84	10 541	1 773,593	5 822,404	3,283	2,821
91	85	8 067	1 330,706	4 048,811	3,043	2,581
92	86	5 937	960,201	2 718,105	2,831	2,369
93	87	4 196	665,360	1 757,904	2,642	2,180
94	88	2 852	443,344	1 092,544	2,464	2,003
95	89	1 834	279,515	649,200	2,323	1,861
96	90	1 138	170,061	369,685	2,174	1,712
97	91	667	97,652	199,623	2,044	1,583
98	92	367	52,771	101,971	1,932	1,471
99	93	191	26,834	49,200	1,833	1,372
100	94	93	12,801	22,366	1,747	1,286

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	86 671,732	3 251 182,186	37,511	37,050
8	1	99 245	84 704,810	3 164 510,455	37,359	36,898
9	2	99 214	83 017,980	3 079 805,644	37,098	36,636
10	3	99 194	81 373,941	2 996 787,664	36,827	36,366
11	4	99 175	79 762,734	2 915 413,723	36,551	36,089
12	5	99 157	78 184,665	2 835 650,990	36,269	35,807
13	6	99 142	76 639,878	2 757 466,324	35,980	35,518
14	7	99 126	75 125,005	2 680 826,446	35,685	35,223
15	8	99 109	73 639,440	2 605 701,441	35,385	34,923
16	9	99 088	72 180,209	2 532 062,002	35,080	34,618
17	10	99 056	70 742,106	2 459 881,793	34,773	34,311
18	11	99 021	69 330,562	2 389 139,686	34,460	33,999
19	12	98 976	67 940,022	2 319 809,124	34,145	33,683
20	13	98 927	66 574,785	2 251 869,102	33,825	33,363
21	14	98 874	65 234,385	2 185 294,318	33,499	33,038
22	15	98 819	63 919,970	2 120 059,933	33,167	32,706
23	16	98 762	62 630,537	2 056 139,963	32,830	32,368
24	17	98 703	61 365,631	1 993 509,426	32,486	32,024
25	18	98 641	60 124,496	1 932 143,795	32,136	31,674
26	19	98 573	58 905,225	1 872 019,299	31,780	31,319
27	20	98 507	57 711,716	1 813 114,073	31,417	30,955
28	21	98 437	56 539,785	1 755 402,358	31,047	30,586
29	22	98 370	55 393,438	1 698 862,573	30,669	30,207
30	23	98 297	54 266,803	1 643 469,135	30,285	29,823
31	24	98 219	53 160,560	1 589 202,332	29,894	29,433
32	25	98 135	52 073,489	1 536 041,772	29,498	29,036
33	26	98 048	51 007,164	1 483 968,283	29,093	28,632
34	27	97 959	49 961,792	1 432 961,119	28,681	28,220
35	28	97 859	48 932,015	1 382 999,327	28,264	27,802
36	29	97 747	47 918,022	1 334 067,312	27,841	27,379
37	30	97 635	46 924,624	1 286 149,290	27,409	26,947
38	31	97 515	45 947,781	1 239 224,666	26,970	26,509
39	32	97 381	44 985,204	1 193 276,885	26,526	26,064
40	33	97 241	44 039,718	1 148 291,682	26,074	25,612
41	34	97 085	43 106,581	1 104 251,964	25,617	25,155
42	35	96 918	42 188,871	1 061 145,382	25,152	24,691
43	36	96 735	41 283,386	1 018 956,512	24,682	24,220
44	37	96 531	40 388,681	977 673,126	24,207	23,745
45	38	96 313	39 507,456	937 284,445	23,724	23,263
46	39	96 060	38 630,982	897 776,989	23,240	22,778
47	40	95 793	37 768,254	859 146,007	22,748	22,286
48	41	95 490	36 910,591	821 377,753	22,253	21,792
49	42	95 152	36 058,552	784 467,163	21,755	21,294
50	43	94 774	35 211,032	748 408,610	21,255	20,793
51	44	94 355	34 368,228	713 197,578	20,752	20,290
52	45	93 895	33 530,011	678 829,350	20,245	19,784
53	46	93 376	32 690,697	645 299,339	19,740	19,278
54	47	92 792	31 849,402	612 608,642	19,235	18,773
55	48	92 142	31 006,338	580 759,241	18,730	18,269
56	49	91 429	30 163,147	549 752,902	18,226	17,764
57	50	90 640	29 316,524	519 589,755	17,723	17,262
58	51	89 780	28 468,754	490 273,231	17,221	16,760
59	52	88 825	27 613,837	461 804,477	16,724	16,262
60	53	87 788	26 756,102	434 190,641	16,228	15,766
61	54	86 669	25 897,107	407 434,539	15,733	15,271
62	55	85 458	25 034,765	381 537,432	15,240	14,779
63	56	84 142	24 165,913	356 502,668	14,752	14,291
64	57	82 742	23 297,844	332 336,755	14,265	13,803
65	58	81 235	22 425,040	309 038,911	13,781	13,319
66	59	79 634	21 552,009	286 613,871	13,299	12,837
67	60	77 954	20 683,658	265 061,862	12,815	12,353
68	61	76 142	19 806,669	244 378,205	12,338	11,877
69	62	74 300	18 948,503	224 571,536	11,852	11,390
70	63	72 324	18 083,073	205 623,032	11,371	10,909
71	64	70 238	17 217,192	187 539,959	10,893	10,431
72	65	68 026	16 347,881	170 322,767	10,419	9,957
73	66	65 716	15 483,183	153 974,886	9,945	9,483
74	67	63 299	14 621,217	138 491,703	9,472	9,010
75	68	60 747	13 756,646	123 870,486	9,004	8,543
76	69	58 080	12 894,840	110 113,839	8,539	8,078
77	70	55 270	12 030,206	97 218,999	8,081	7,620
78	71	52 344	11 169,977	85 188,792	7,627	7,165
79	72	49 255	10 304,703	74 018,815	7,183	6,721
80	73	46 007	9 436,546	63 714,113	6,752	6,290
81	74	42 641	8 574,667	54 277,566	6,330	5,868
82	75	39 123	7 712,967	45 702,900	5,925	5,464
83	76	35 508	6 862,928	37 989,932	5,536	5,074
84	77	31 787	6 023,381	31 127,004	5,168	4,706
85	78	28 054	5 211,736	25 103,624	4,817	4,355
86	79	24 334	4 432,053	19 891,888	4,488	4,027
87	80	20 709	3 697,754	15 459,834	4,181	3,719
88	81	17 265	3 022,409	11 762,080	3,892	3,430
89	82	14 069	2 414,680	8 739,671	3,619	3,158
90	83	11 191	1 882,959	6 324,991	3,359	2,897
91	84	8 648	1 426,604	4 442,032	3,114	2,652
92	85	6 434	1 040,554	3 015,428	2,898	2,436
93	86	4 606	730,288	1 974,874	2,704	2,243
94	87	3 173	493,257	1 244,586	2,523	2,062
95	88	2 072	315,774	751,329	2,379	1,918
96	89	1 310	195,679	435,556	2,226	1,764
97	90	782	114,606	239,876	2,093	1,631
98	91	441	63,376	125,270	1,977	1,515
99	92	235	33,029	61,894	1,874	1,412
100	93	117	16,187	28,864	1,783	1,322

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	84 965,132	3 169 603,383	37,305	36,843
9	1	99 237	83 037,167	3 084 638,252	37,148	36,686
10	2	99 206	81 383,632	3 001 601,085	36,882	36,421
11	3	99 187	79 772,238	2 920 217,453	36,607	36,145
12	4	99 166	78 191,775	2 840 445,215	36,327	35,865
13	5	99 149	76 645,626	2 762 253,440	36,039	35,578
14	6	99 132	75 129,950	2 685 607,814	35,746	35,285
15	7	99 114	73 643,070	2 610 477,864	35,448	34,986
16	8	99 094	72 184,678	2 536 834,794	35,144	34,682
17	9	99 062	70 746,684	2 464 650,116	34,838	34,376
18	10	99 027	69 334,671	2 393 903,432	34,527	34,065
19	11	98 983	67 945,083	2 324 568,761	34,212	33,751
20	12	98 934	66 580,052	2 256 623,678	33,893	33,432
21	13	98 882	65 239,977	2 190 043,626	33,569	33,107
22	14	98 829	63 926,678	2 124 803,649	33,238	32,777
23	15	98 774	62 638,374	2 060 876,971	32,901	32,440
24	16	98 717	61 374,291	1 998 238,597	32,558	32,097
25	17	98 655	60 133,301	1 936 864,306	32,210	31,748
26	18	98 593	58 917,223	1 876 731,006	31,854	31,392
27	19	98 526	57 722,858	1 817 813,782	31,492	31,030
28	20	98 455	56 550,256	1 760 090,925	31,124	30,663
29	21	98 386	55 402,610	1 703 540,669	30,748	30,287
30	22	98 314	54 276,195	1 648 138,059	30,366	29,904
31	23	98 240	53 172,097	1 593 861,863	29,976	29,514
32	24	98 151	52 082,321	1 540 689,766	29,582	29,120
33	25	98 066	51 016,677	1 488 607,445	29,179	28,717
34	26	97 978	49 971,515	1 437 590,769	28,768	28,307
35	27	97 880	48 942,705	1 387 619,254	28,352	27,890
36	28	97 772	47 929,976	1 338 676,548	27,930	27,468
37	29	97 661	46 936,770	1 290 746,572	27,500	27,038
38	30	97 544	45 961,428	1 243 809,802	27,062	26,600
39	31	97 413	44 999,567	1 197 848,374	26,619	26,157
40	32	97 275	44 055,007	1 152 848,807	26,168	25,707
41	33	97 119	43 121,934	1 108 793,799	25,713	25,251
42	34	96 956	42 205,378	1 065 671,865	25,250	24,788
43	35	96 774	41 300,008	1 023 466,487	24,781	24,320
44	36	96 576	40 407,626	982 166,479	24,306	23,845
45	37	96 358	39 525,647	941 758,853	23,827	23,365
46	38	96 117	38 653,620	902 233,206	23,341	22,880
47	39	95 850	37 790,766	863 579,587	22,852	22,390
48	40	95 555	36 935,659	825 788,820	22,357	21,896
49	41	95 224	36 086,081	788 853,161	21,860	21,399
50	42	94 852	35 240,275	752 767,081	21,361	20,899
51	43	94 440	34 399,185	717 526,806	20,859	20,397
52	44	93 991	33 564,248	683 127,621	20,353	19,891
53	45	93 480	32 727,088	649 563,373	19,848	19,386
54	46	92 910	31 889,893	616 836,285	19,343	18,881
55	47	92 275	31 050,851	584 946,392	18,838	18,377
56	48	91 576	30 211,473	553 895,541	18,334	17,872
57	49	90 805	29 369,726	523 684,068	17,831	17,369
58	50	89 957	28 524,967	494 314,342	17,329	16,868
59	51	89 022	27 674,965	465 789,375	16,831	16,369
60	52	88 004	26 821,958	438 114,411	16,334	15,873
61	53	86 906	25 968,081	411 292,453	15,838	15,377
62	54	85 716	25 110,338	385 324,372	15,345	14,884
63	55	84 422	24 246,250	360 214,034	14,856	14,395
64	56	83 043	23 382,463	335 967,784	14,368	13,907
65	57	81 561	22 514,926	312 585,321	13,883	13,422
66	58	79 987	21 647,486	290 070,396	13,400	12,938
67	59	78 332	20 784,045	268 422,910	12,915	12,453
68	60	76 555	19 914,026	247 638,865	12,435	11,974
69	61	74 718	19 055,119	227 724,839	11,951	11,489
70	62	72 766	18 193,629	208 669,720	11,469	11,008
71	63	70 704	17 331,308	190 476,091	10,990	10,529
72	64	68 525	16 467,888	173 144,783	10,514	10,052
73	65	66 247	15 608,239	156 676,894	10,038	9,576
74	66	63 857	14 750,065	141 068,656	9,564	9,102
75	67	61 342	13 891,314	126 318,590	9,093	8,632
76	68	58 680	13 027,918	112 427,276	8,630	8,168
77	69	55 894	12 166,129	99 399,358	8,170	7,709
78	70	52 989	11 307,745	87 233,229	7,714	7,253
79	71	49 923	10 444,559	75 925,484	7,269	6,808
80	72	46 680	9 574,508	65 480,925	6,839	6,377
81	73	43 312	8 709,514	55 906,416	6,419	5,957
82	74	39 804	7 847,221	47 196,902	6,014	5,553
83	75	36 198	6 996,331	39 349,682	5,624	5,163
84	76	32 497	6 157,781	32 353,351	5,254	4,792
85	77	28 757	5 342,367	26 195,570	4,903	4,442
86	78	25 038	4 560,196	20 853,203	4,573	4,111
87	79	21 414	3 823,641	16 293,007	4,261	3,800
88	80	17 955	3 143,130	12 469,366	3,967	3,506
89	81	14 718	2 525,982	9 326,236	3,692	3,231
90	82	11 784	1 982,775	6 800,254	3,430	2,968
91	83	9 181	1 514,573	4 817,479	3,181	2,719
92	84	6 898	1 115,542	3 302,906	2,961	2,499
93	85	4 991	791,401	2 187,365	2,764	2,302
94	86	3 483	541,391	1 395,964	2,578	2,117
95	87	2 305	351,324	854,573	2,432	1,971
96	88	1 480	221,063	503,249	2,276	1,815
97	89	900	131,871	282,186	2,140	1,678
98	90	518	74,380	150,315	2,021	1,559
99	91	282	39,667	75,935	1,914	1,453
100	92	144	19,924	36,268	1,820	1,359

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	83 292,363	3 089 328,091	37,090	36,629
10	1	99 229	81 402,440	3 006 035,728	36,928	36,466
11	2	99 199	79 781,738	2 924 633,288	36,658	36,196
12	3	99 178	78 201,092	2 844 851,550	36,379	35,917
13	4	99 158	76 652,596	2 766 650,458	36,093	35,632
14	5	99 140	75 135,585	2 689 997,861	35,802	35,340
15	6	99 120	73 647,918	2 614 862,276	35,505	35,043
16	7	99 099	72 188,237	2 541 214,359	35,203	34,741
17	8	99 069	70 751,064	2 469 026,122	34,897	34,436
18	9	99 033	69 339,157	2 398 275,058	34,588	34,126
19	10	98 989	67 949,109	2 328 935,900	34,275	33,813
20	11	98 942	66 585,012	2 260 986,791	33,956	33,495
21	12	98 890	65 245,139	2 194 401,780	33,633	33,172
22	13	98 838	63 932,158	2 129 156,641	33,303	32,842
23	14	98 785	62 644,947	2 065 224,482	32,967	32,506
24	15	98 729	61 381,970	2 002 579,535	32,625	32,163
25	16	98 669	60 141,787	1 941 197,565	32,277	31,815
26	17	98 608	58 925,851	1 881 055,778	31,922	31,461
27	18	98 546	57 734,615	1 822 129,927	31,560	31,099
28	19	98 474	56 561,174	1 764 395,312	31,194	30,733
29	20	98 405	55 412,871	1 707 834,138	30,820	30,359
30	21	98 330	54 285,183	1 652 421,268	30,440	29,978
31	22	98 257	53 181,300	1 598 136,085	30,051	29,589
32	23	98 173	52 093,624	1 544 954,785	29,657	29,196
33	24	98 082	51 025,329	1 492 861,161	29,257	28,796
34	25	97 996	49 980,835	1 441 835,832	28,848	28,386
35	26	97 899	48 952,230	1 391 854,997	28,433	27,971
36	27	97 793	47 940,448	1 342 902,767	28,012	27,550
37	28	97 685	46 948,479	1 294 962,320	27,583	27,121
38	29	97 569	45 973,325	1 248 013,841	27,146	26,685
39	30	97 442	45 012,933	1 202 040,516	26,704	26,243
40	31	97 306	44 069,074	1 157 027,582	26,255	25,793
41	32	97 153	43 136,905	1 112 958,509	25,801	25,339
42	33	96 991	42 220,411	1 069 821,604	25,339	24,877
43	34	96 812	41 316,168	1 027 601,193	24,872	24,410
44	35	96 615	40 423,895	986 285,025	24,399	23,937
45	36	96 403	39 544,187	945 861,130	23,919	23,457
46	37	96 161	38 671,417	906 316,943	23,436	22,975
47	38	95 907	37 812,912	867 645,526	22,946	22,484
48	39	95 612	36 957,675	829 832,614	22,454	21,992
49	40	95 289	36 110,589	792 874,939	21,957	21,495
50	41	94 925	35 267,179	756 764,350	21,458	20,996
51	42	94 519	34 427,754	721 497,172	20,957	20,495
52	43	94 076	33 594,481	687 069,418	20,452	19,990
53	44	93 575	32 760,505	653 474,937	19,947	19,485
54	45	93 013	31 925,393	620 714,432	19,443	18,981
55	46	92 392	31 090,327	588 789,040	18,938	18,476
56	47	91 707	30 254,844	557 698,712	18,433	17,972
57	48	90 950	29 416,780	527 443,868	17,930	17,468
58	49	90 120	28 576,732	498 027,088	17,428	16,966
59	50	89 198	27 729,610	469 450,355	16,930	16,468
60	51	88 198	26 881,333	441 720,745	16,432	15,971
61	52	87 120	26 031,997	414 839,412	15,936	15,474
62	53	85 951	25 179,156	388 807,415	15,442	14,980
63	54	84 677	24 319,443	363 628,259	14,952	14,491
64	55	83 319	23 460,196	339 308,817	14,463	14,002
65	56	81 857	22 596,700	315 848,621	13,978	13,516
66	57	80 307	21 734,255	293 251,920	13,493	13,031
67	58	78 679	20 876,120	271 517,665	13,006	12,545
68	59	76 926	20 010,677	250 641,545	12,525	12,064
69	60	75 123	19 158,402	230 630,868	12,038	11,576
70	61	73 176	18 295,998	211 472,466	11,558	11,097
71	62	71 136	17 437,268	193 176,468	11,078	10,617
72	63	68 979	16 577,038	175 739,200	10,601	10,140
73	64	66 733	15 722,817	159 162,161	10,123	9,661
74	65	64 372	14 869,200	143 439,345	9,647	9,185
75	66	61 882	14 013,730	128 570,145	9,175	8,713
76	67	59 254	13 155,452	114 556,415	8,708	8,246
77	68	56 471	12 291,686	101 400,963	8,250	7,788
78	69	53 588	11 435,505	89 109,277	7,792	7,331
79	70	50 539	10 573,380	77 673,772	7,346	6,885
80	71	47 313	9 704,455	67 100,392	6,914	6,453
81	72	43 945	8 836,847	57 395,937	6,495	6,033
82	73	40 430	7 970,628	48 559,090	6,092	5,631
83	74	36 828	7 118,110	40 588,462	5,702	5,241
84	75	33 128	6 277,477	33 470,352	5,332	4,870
85	76	29 399	5 461,572	27 192,875	4,979	4,517
86	77	25 665	4 674,496	21 731,303	4,649	4,187
87	78	22 033	3 934,193	17 056,807	4,336	3,874
88	79	18 566	3 250,135	13 122,614	4,038	3,576
89	80	15 306	2 626,875	9 872,479	3,758	3,297
90	81	12 327	2 074,168	7 245,604	3,493	3,032
91	82	9 668	1 594,861	5 171,437	3,243	2,781
92	83	7 323	1 184,330	3 576,576	3,020	2,558
93	84	5 351	848,433	2 392,246	2,820	2,358
94	85	3 774	586,696	1 543,813	2,631	2,170
95	86	2 530	385,608	957,116	2,482	2,020
96	87	1 646	245,951	571,508	2,324	1,862
97	88	1 017	148,977	325,558	2,185	1,724
98	89	596	85,584	176,581	2,063	1,602
99	90	331	46,554	90,996	1,955	1,493
100	91	173	23,928	44,442	1,857	1,396

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10	0	99 534	81 652,613	3 010 353,810	36,868	36,406
11	1	99 221	79 800,176	2 928 701,198	36,700	36,239
12	2	99 190	78 210,405	2 848 901,021	36,426	35,965
13	3	99 170	76 661,730	2 770 690,616	36,142	35,680
14	4	99 149	75 142,418	2 694 028,886	35,852	35,391
15	5	99 128	73 653,441	2 618 886,469	35,557	35,095
16	6	99 106	72 192,989	2 545 233,027	35,256	34,794
17	7	99 073	70 754,552	2 473 040,038	34,952	34,491
18	8	99 040	69 343,450	2 402 285,486	34,643	34,182
19	9	98 995	67 953,506	2 332 942,036	34,331	33,870
20	10	98 948	66 588,957	2 264 988,530	34,014	33,553
21	11	98 897	65 249,999	2 198 399,572	33,692	33,230
22	12	98 846	63 937,217	2 133 149,573	33,363	32,902
23	13	98 793	62 650,318	2 069 212,357	33,028	32,566
24	14	98 739	61 388,412	2 006 562,039	32,686	32,225
25	15	98 681	60 149,311	1 945 173,627	32,339	31,877
26	16	98 622	58 934,167	1 885 024,316	31,985	31,524
27	17	98 561	57 743,069	1 826 090,149	31,624	31,163
28	18	98 494	56 572,694	1 768 347,079	31,258	30,796
29	19	98 424	55 423,569	1 711 774,385	30,885	30,424
30	20	98 348	54 295,237	1 656 350,816	30,506	30,045
31	21	98 273	53 190,106	1 602 055,580	30,119	29,658
32	22	98 190	52 102,640	1 548 865,473	29,727	29,266
33	23	98 104	51 036,403	1 496 762,833	29,327	28,866
34	24	98 013	49 989,311	1 445 726,430	28,921	28,459
35	25	97 917	48 961,359	1 395 737,119	28,507	28,045
36	26	97 812	47 949,777	1 346 775,759	28,087	27,626
37	27	97 706	46 958,736	1 298 825,982	27,659	27,197
38	28	97 593	45 984,793	1 251 867,246	27,224	26,762
39	29	97 467	45 024,585	1 205 882,452	26,783	26,321
40	30	97 335	44 082,163	1 160 857,868	26,334	25,872
41	31	97 184	43 150,678	1 116 775,704	25,881	25,419
42	32	97 024	42 235,068	1 073 625,026	25,420	24,959
43	33	96 846	41 330,883	1 031 389,958	24,954	24,493
44	34	96 653	40 439,712	990 059,075	24,482	24,021
45	35	96 442	39 560,109	949 619,363	24,004	23,543
46	36	96 206	38 689,557	910 059,253	23,522	23,060
47	37	95 951	37 830,322	871 369,696	23,034	22,572
48	38	95 668	36 979,332	833 539,374	22,541	22,079
49	39	95 346	36 132,113	796 560,042	22,046	21,584
50	40	94 989	35 291,131	760 427,929	21,547	21,086
51	41	94 591	34 454,037	725 136,799	21,046	20,585
52	42	94 154	33 622,381	690 682,762	20,542	20,081
53	43	93 659	32 790,014	657 060,381	20,038	19,577
54	44	93 108	31 957,991	624 270,367	19,534	19,072
55	45	92 495	31 124,937	592 312,376	19,030	18,569
56	46	91 824	30 293,308	561 187,439	18,525	18,064
57	47	91 081	29 459,011	530 894,130	18,021	17,560
58	48	90 265	28 622,516	501 435,119	17,519	17,057
59	49	89 360	27 779,932	472 812,603	17,020	16,558
60	50	88 373	26 934,411	445 032,670	16,523	16,061
61	51	87 313	26 089,624	418 098,259	16,025	15,564
62	52	86 163	25 241,130	392 008,635	15,531	15,069
63	53	84 909	24 386,093	366 767,505	15,040	14,578
64	54	83 570	23 531,015	342 381,412	14,550	14,089
65	55	82 129	22 671,821	318 850,396	14,064	13,602
66	56	80 599	21 813,195	296 178,575	13,578	13,116
67	57	78 995	20 959,797	274 365,381	13,090	12,628
68	58	77 267	20 099,327	253 405,583	12,608	12,146
69	59	75 487	19 251,386	233 306,257	12,119	11,657
70	60	73 573	18 395,166	214 054,870	11,636	11,175
71	61	71 536	17 535,381	195 659,704	11,158	10,696
72	62	69 401	16 678,387	178 124,323	10,680	10,218
73	63	67 176	15 827,028	161 445,937	10,201	9,739
74	64	64 845	14 978,352	145 618,908	9,722	9,260
75	65	62 382	14 126,917	130 640,556	9,248	8,786
76	66	59 776	13 271,383	116 513,639	8,779	8,318
77	67	57 024	12 412,013	103 242,255	8,318	7,856
78	68	54 141	11 553,522	90 830,243	7,862	7,400
79	69	51 110	10 692,843	79 276,721	7,414	6,952
80	70	47 897	9 824,147	68 583,878	6,981	6,520
81	71	44 542	8 956,782	58 759,731	6,560	6,099
82	72	41 021	8 087,158	49 802,949	6,158	5,697
83	73	37 407	7 230,052	41 715,791	5,770	5,308
84	74	33 705	6 386,744	34 485,739	5,400	4,938
85	75	29 970	5 567,735	28 098,995	5,047	4,585
86	76	26 238	4 778,798	22 531,261	4,715	4,253
87	77	22 585	4 032,803	17 752,462	4,402	3,940
88	78	19 103	3 344,106	13 719,660	4,103	3,641
89	79	15 827	2 716,304	10 375,554	3,820	3,358
90	80	12 819	2 157,014	7 659,250	3,551	3,089
91	81	10 114	1 668,374	5 502,236	3,298	2,836
92	82	7 711	1 247,112	3 833,862	3,074	2,613
93	83	5 681	900,751	2 586,750	2,872	2,410
94	84	4 046	628,977	1 686,000	2,681	2,219
95	85	2 742	417,877	1 057,023	2,530	2,068
96	86	1 807	269,951	639,146	2,368	1,906
97	87	1 132	165,749	369,195	2,227	1,766
98	88	673	96,686	203,446	2,104	1,643
99	89	380	53,567	106,759	1,993	1,531
100	90	203	28,082	53,192	1,894	1,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	80 045,424	2 932 677,124	36,638	36,176
12	1	99 213	78 228,480	2 852 631,700	36,465	36,004
13	2	99 182	76 670,860	2 774 403,219	36,186	35,724
14	3	99 161	75 151,371	2 697 732,359	35,897	35,436
15	4	99 137	73 660,139	2 622 580,988	35,604	35,142
16	5	99 113	72 198,403	2 548 920,849	35,304	34,843
17	6	99 080	70 759,210	2 476 722,446	35,002	34,541
18	7	99 044	69 346,869	2 405 963,236	34,695	34,233
19	8	99 002	67 957,713	2 336 616,367	34,383	33,922
20	9	98 954	66 593,266	2 268 658,653	34,067	33,606
21	10	98 903	65 253,866	2 202 065,387	33,746	33,285
22	11	98 853	63 941,979	2 136 811,521	33,418	32,956
23	12	98 801	62 655,275	2 072 869,542	33,084	32,622
24	13	98 748	61 393,674	2 010 214,267	32,743	32,281
25	14	98 692	60 155,624	1 948 820,593	32,396	31,935
26	15	98 634	58 941,541	1 888 664,969	32,043	31,581
27	16	98 575	57 751,218	1 829 723,428	31,683	31,221
28	17	98 509	56 580,979	1 771 972,210	31,317	30,856
29	18	98 444	55 434,857	1 715 391,231	30,944	30,483
30	19	98 367	54 305,719	1 659 956,373	30,567	30,105
31	20	98 292	53 199,957	1 605 650,655	30,181	29,720
32	21	98 206	52 111,268	1 552 450,698	29,791	29,329
33	22	98 121	51 045,236	1 500 339,430	29,392	28,931
34	23	98 034	50 000,161	1 449 294,194	28,986	28,524
35	24	97 934	48 969,663	1 399 294,033	28,575	28,113
36	25	97 830	47 958,720	1 350 324,370	28,156	27,694
37	26	97 725	46 967,875	1 302 365,650	27,729	27,267
38	27	97 615	45 994,840	1 255 397,775	27,294	26,833
39	28	97 491	45 035,816	1 209 402,935	26,854	26,393
40	29	97 360	44 093,574	1 164 367,119	26,407	25,945
41	30	97 213	43 163,495	1 120 273,545	25,954	25,493
42	31	97 055	42 248,554	1 077 110,050	25,495	25,033
43	32	96 880	41 345,232	1 034 861,496	25,030	24,568
44	33	96 687	40 454,116	993 516,264	24,559	24,097
45	34	96 480	39 575,588	953 062,149	24,082	23,620
46	35	96 245	38 705,135	913 486,561	23,601	23,140
47	36	95 996	37 848,067	874 781,426	23,113	22,651
48	37	95 712	36 996,359	836 933,359	22,622	22,160
49	38	95 402	36 153,287	799 937,000	22,126	21,665
50	39	95 046	35 312,166	763 783,713	21,629	21,168
51	40	94 655	34 477,437	728 471,547	21,129	20,667
52	41	94 226	33 648,050	693 994,110	20,625	20,163
53	42	93 737	32 817,246	660 346,061	20,122	19,660
54	43	93 192	31 986,777	627 528,815	19,618	19,157
55	44	92 589	31 156,718	595 542,037	19,114	18,653
56	45	91 926	30 327,031	564 385,319	18,610	18,148
57	46	91 197	29 496,464	534 058,289	18,106	17,644
58	47	90 394	28 663,607	504 561,825	17,603	17,141
59	48	89 503	27 824,440	475 898,218	17,104	16,642
60	49	88 533	26 983,290	448 073,779	16,606	16,144
61	50	87 485	26 141,139	421 090,488	16,108	15,647
62	51	86 353	25 297,006	394 949,349	15,612	15,151
63	52	85 118	24 446,116	369 652,343	15,121	14,659
64	53	83 799	23 595,505	345 206,228	14,630	14,169
65	54	82 377	22 740,261	321 610,722	14,143	13,681
66	55	80 867	21 885,711	298 870,461	13,656	13,194
67	56	79 282	21 035,924	276 984,751	13,167	12,706
68	57	77 577	20 179,890	255 948,827	12,683	12,222
69	58	75 822	19 336,672	235 768,936	12,193	11,731
70	59	73 930	18 484,446	216 432,264	11,709	11,247
71	60	71 924	17 630,427	197 947,818	11,228	10,766
72	61	69 792	16 772,229	180 317,392	10,751	10,289
73	62	67 586	15 923,791	163 545,163	10,270	9,809
74	63	65 275	15 077,629	147 621,371	9,791	9,329
75	64	62 840	14 230,621	132 543,742	9,314	8,852
76	65	60 259	13 378,575	118 313,121	8,843	8,382
77	66	57 526	12 521,392	104 934,546	8,380	7,919
78	67	54 671	11 666,623	92 413,154	7,921	7,460
79	68	51 638	10 803,195	80 746,531	7,474	7,013
80	69	48 438	9 935,145	69 943,336	7,040	6,578
81	70	45 091	9 067,253	60 008,191	6,618	6,157
82	71	41 578	8 196,918	50 940,939	6,215	5,753
83	72	37 954	7 335,755	42 744,020	5,827	5,365
84	73	34 235	6 487,183	35 408,266	5,458	4,997
85	74	30 492	5 664,648	28 921,082	5,106	4,644
86	75	26 748	4 871,689	23 256,434	4,774	4,312
87	76	23 089	4 122,787	18 384,745	4,459	3,998
88	77	19 582	3 427,925	14 261,958	4,161	3,699
89	78	16 284	2 794,840	10 834,033	3,876	3,415
90	79	13 256	2 230,448	8 039,193	3,604	3,143
91	80	10 518	1 735,012	5 808,745	3,348	2,886
92	81	8 067	1 304,595	4 073,733	3,123	2,661
93	82	5 982	948,499	2 769,138	2,919	2,458
94	83	4 296	667,762	1 820,639	2,726	2,265
95	84	2 940	447,991	1 152,877	2,573	2,112
96	85	1 958	292,542	704,886	2,410	1,948
97	86	1 242	181,924	412,344	2,267	1,805
98	87	749	107,571	230,420	2,142	1,680
99	88	430	60,516	122,849	2,030	1,568
100	89	234	32,312	62,333	1,929	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	78 468,898	2 856 293,183	36,400	35,939
13	1	99 205	76 688,579	2 777 824,285	36,222	35,761
14	2	99 172	75 160,321	2 701 135,706	35,938	35,477
15	3	99 149	73 668,916	2 625 975,385	35,646	35,184
16	4	99 122	72 204,969	2 552 306,469	35,348	34,886
17	5	99 087	70 764,517	2 480 101,500	35,047	34,586
18	6	99 051	69 351,434	2 409 336,983	34,741	34,279
19	7	99 006	67 961,064	2 339 985,549	34,431	33,970
20	8	98 960	66 597,389	2 272 024,485	34,116	33,654
21	9	98 909	65 258,088	2 205 427,096	33,795	33,334
22	10	98 859	63 945,769	2 140 169,007	33,469	33,007
23	11	98 808	62 659,942	2 076 223,239	33,135	32,673
24	12	98 756	61 398,532	2 013 563,297	32,795	32,333
25	13	98 700	60 160,781	1 952 164,765	32,449	31,988
26	14	98 644	58 947,726	1 892 003,984	32,096	31,635
27	15	98 587	57 758,444	1 833 056,258	31,737	31,275
28	16	98 523	56 588,964	1 775 297,814	31,372	30,910
29	17	98 458	55 442,975	1 718 708,850	31,000	30,538
30	18	98 387	54 316,780	1 663 265,875	30,622	30,160
31	19	98 311	53 210,228	1 608 949,095	30,238	29,776
32	20	98 224	52 120,919	1 555 738,867	29,849	29,387
33	21	98 137	51 053,689	1 503 617,948	29,452	28,990
34	22	98 051	50 008,815	1 452 564,259	29,046	28,585
35	23	97 955	48 980,291	1 402 555,445	28,635	28,173
36	24	97 847	47 966,853	1 353 575,154	28,219	27,757
37	25	97 744	46 976,634	1 305 608,300	27,793	27,331
38	26	97 634	46 003,791	1 258 631,666	27,359	26,898
39	27	97 512	45 045,656	1 212 627,875	26,920	26,458
40	28	97 385	44 104,573	1 167 582,219	26,473	26,011
41	29	97 238	43 174,668	1 123 477,646	26,022	25,560
42	30	97 084	42 261,102	1 080 302,978	25,563	25,101
43	31	96 911	41 358,433	1 038 041,876	25,099	24,637
44	32	96 721	40 468,160	996 683,442	24,629	24,167
45	33	96 514	39 589,684	956 215,283	24,153	23,692
46	34	96 282	38 720,279	916 625,599	23,673	23,211
47	35	96 034	37 863,306	877 905,320	23,186	22,725
48	36	95 757	37 013,712	840 042,013	22,695	22,234
49	37	95 446	36 169,933	803 028,301	22,202	21,740
50	38	95 102	35 332,859	766 858,368	21,704	21,242
51	39	94 711	34 497,988	731 525,509	21,205	20,743
52	40	94 290	33 670,902	697 027,521	20,701	20,240
53	41	93 809	32 842,300	663 356,619	20,198	19,737
54	42	93 270	32 013,342	630 514,319	19,695	19,234
55	43	92 673	31 184,782	598 500,977	19,192	18,730
56	44	92 020	30 357,997	567 316,195	18,688	18,226
57	45	91 298	29 529,299	536 958,198	18,184	17,722
58	46	90 509	28 700,048	507 428,899	17,680	17,219
59	47	89 631	27 864,384	478 728,850	17,181	16,719
60	48	88 675	27 026,521	450 864,466	16,682	16,221
61	49	87 644	26 188,578	423 837,945	16,184	15,722
62	50	86 524	25 346,956	397 649,367	15,688	15,227
63	51	85 306	24 500,231	372 302,410	15,196	14,734
64	52	84 006	23 653,582	347 802,179	14,704	14,242
65	53	82 603	22 802,584	324 148,597	14,215	13,754
66	54	81 111	21 951,777	301 346,013	13,728	13,266
67	55	79 545	21 105,856	279 394,236	13,238	12,776
68	56	77 858	20 253,184	258 288,380	12,753	12,291
69	57	76 126	19 414,179	238 035,196	12,261	11,799
70	58	74 257	18 566,334	218 621,017	11,775	11,314
71	59	72 273	17 715,995	200 054,683	11,292	10,831
72	60	70 170	16 863,139	182 338,688	10,813	10,351
73	61	67 967	16 013,388	165 475,549	10,334	9,872
74	62	65 674	15 169,811	149 462,161	9,853	9,391
75	63	63 257	14 324,942	134 292,350	9,375	8,913
76	64	60 701	13 476,785	119 967,408	8,902	8,440
77	65	57 991	12 622,526	106 490,623	8,437	7,975
78	66	55 153	11 769,434	93 868,097	7,976	7,514
79	67	52 143	10 908,951	82 098,664	7,526	7,064
80	68	48 938	10 037,677	71 189,713	7,092	6,631
81	69	45 600	9 169,698	61 152,035	6,669	6,207
82	70	42 091	8 298,017	51 982,337	6,264	5,803
83	71	38 469	7 435,316	43 684,320	5,875	5,414
84	72	34 736	6 582,026	36 249,003	5,507	5,046
85	73	30 972	5 753,731	29 666,977	5,156	4,695
86	74	27 214	4 956,487	23 913,246	4,825	4,363
87	75	23 538	4 202,926	18 956,759	4,510	4,049
88	76	20 018	3 504,412	14 753,833	4,210	3,748
89	77	16 693	2 864,892	11 249,420	3,927	3,465
90	78	13 639	2 294,936	8 384,528	3,653	3,192
91	79	10 876	1 794,079	6 089,592	3,394	2,933
92	80	8 389	1 356,704	4 295,513	3,166	2,705
93	81	6 258	992,219	2 938,810	2,962	2,500
94	82	4 523	703,160	1 946,590	2,768	2,307
95	83	3 121	475,616	1 243,430	2,614	2,153
96	84	2 099	313,624	767,815	2,448	1,987
97	85	1 346	197,148	454,191	2,304	1,842
98	86	822	118,069	257,043	2,177	1,715
99	87	478	67,329	138,975	2,064	1,603
100	88	264	36,504	71,646	1,963	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	76 924,264	2 781 197,085	36,155	35,693
14	1	99 195	75 177,691	2 704 272,821	35,972	35,510
15	2	99 160	73 677,690	2 629 095,130	35,684	35,222
16	3	99 134	72 213,572	2 555 417,440	35,387	34,925
17	4	99 096	70 770,952	2 483 203,868	35,088	34,626
18	5	99 058	69 356,635	2 412 432,915	34,783	34,321
19	6	99 013	67 965,538	2 343 076,280	34,474	34,013
20	7	98 965	66 600,673	2 275 110,742	34,160	33,699
21	8	98 916	65 262,129	2 208 510,070	33,841	33,379
22	9	98 865	63 949,906	2 143 247,941	33,514	33,053
23	10	98 814	62 663,655	2 079 298,035	33,182	32,720
24	11	98 763	61 403,105	2 016 634,380	32,843	32,381
25	12	98 708	60 165,541	1 955 231,274	32,498	32,036
26	13	98 653	58 952,780	1 895 065,733	32,145	31,684
27	14	98 597	57 764,506	1 836 112,953	31,786	31,325
28	15	98 535	56 596,044	1 778 348,448	31,422	30,960
29	16	98 472	55 450,800	1 721 752,404	31,050	30,588
30	17	98 402	54 324,734	1 666 301,604	30,673	30,211
31	18	98 331	53 221,066	1 611 976,870	30,288	29,827
32	19	98 243	52 130,981	1 558 755,804	29,901	29,439
33	20	98 155	51 063,144	1 506 624,823	29,505	29,044
34	21	98 067	50 017,095	1 455 561,679	29,101	28,640
35	22	97 972	48 988,768	1 405 544,584	28,691	28,230
36	23	97 868	47 977,264	1 356 555,815	28,275	27,813
37	24	97 760	46 984,601	1 308 578,552	27,851	27,390
38	25	97 652	46 012,371	1 261 593,950	27,419	26,957
39	26	97 531	45 054,422	1 215 581,580	26,980	26,519
40	27	97 406	44 114,209	1 170 527,158	26,534	26,072
41	28	97 262	43 185,438	1 126 412,948	26,083	25,622
42	29	97 109	42 272,042	1 083 227,510	25,625	25,164
43	30	96 939	41 370,718	1 040 955,469	25,162	24,700
44	31	96 752	40 481,081	999 584,751	24,693	24,231
45	32	96 547	39 603,428	959 103,670	24,218	23,756
46	33	96 317	38 734,070	919 500,242	23,739	23,277
47	34	96 072	37 878,121	880 766,172	23,253	22,791
48	35	95 796	37 028,616	842 888,051	22,763	22,302
49	36	95 490	36 186,899	805 859,435	22,269	21,808
50	37	95 145	35 349,128	769 672,536	21,773	21,312
51	38	94 767	34 518,203	734 323,408	21,274	20,812
52	39	94 346	33 690,972	699 805,205	20,771	20,310
53	40	93 872	32 864,605	666 114,233	20,268	19,807
54	41	93 341	32 037,783	633 249,628	19,766	19,304
55	42	92 750	31 210,681	601 211,845	19,263	18,801
56	43	92 103	30 385,342	570 001,164	18,759	18,297
57	44	91 392	29 559,451	539 615,822	18,255	17,794
58	45	90 610	28 731,997	510 056,371	17,752	17,291
59	46	89 745	27 899,810	481 324,374	17,252	16,790
60	47	88 802	27 065,320	453 424,565	16,753	16,291
61	48	87 784	26 230,536	426 359,244	16,254	15,793
62	49	86 681	25 392,954	400 128,708	15,757	15,296
63	50	85 475	24 548,608	374 735,754	15,265	14,803
64	51	84 191	23 705,943	350 187,145	14,772	14,311
65	52	82 806	22 858,709	326 481,202	14,283	13,821
66	53	81 334	22 011,939	303 622,493	13,794	13,332
67	54	79 785	21 169,569	281 610,554	13,303	12,841
68	55	78 117	20 320,514	260 440,986	12,817	12,355
69	56	76 402	19 484,692	240 120,471	12,324	11,862
70	57	74 555	18 640,753	220 635,780	11,836	11,375
71	58	72 593	17 794,478	201 995,027	11,352	10,890
72	59	70 510	16 944,983	184 200,548	10,871	10,409
73	60	68 335	16 100,184	167 255,565	10,388	9,927
74	61	66 043	15 255,165	151 155,381	9,908	9,447
75	62	63 643	14 412,522	135 900,216	9,429	8,968
76	63	61 104	13 566,110	121 487,694	8,955	8,494
77	64	58 417	12 715,186	107 921,584	8,488	8,026
78	65	55 598	11 864,494	95 206,398	8,024	7,563
79	66	52 603	11 005,085	83 341,904	7,573	7,111
80	67	49 417	10 135,939	72 336,819	7,137	6,675
81	68	46 071	9 264,332	62 200,880	6,714	6,252
82	69	42 566	8 391,772	52 936,548	6,308	5,847
83	70	38 944	7 527,022	44 544,777	5,918	5,456
84	71	35 207	6 671,358	37 017,755	5,549	5,087
85	72	31 424	5 837,851	30 346,397	5,198	4,737
86	73	27 642	5 034,434	24 508,546	4,868	4,407
87	74	23 948	4 276,083	19 474,112	4,554	4,093
88	75	20 408	3 572,532	15 198,029	4,254	3,793
89	76	17 065	2 928,817	11 625,497	3,969	3,508
90	77	13 981	2 352,458	8 696,680	3,697	3,235
91	78	11 190	1 845,951	6 344,222	3,437	2,975
92	79	8 674	1 402,891	4 498,271	3,206	2,745
93	80	6 508	1 031,851	3 095,380	3,000	2,538
94	81	4 732	735,571	2 063,529	2,805	2,344
95	82	3 286	500,828	1 327,958	2,652	2,190
96	83	2 228	332,963	827,130	2,484	2,023
97	84	1 443	211,355	494,167	2,338	1,876
98	85	891	127,949	282,812	2,210	1,749
99	86	525	73,899	154,863	2,096	1,634
100	87	294	40,614	80,964	1,994	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	75 408,733	2 707 380,717	35,903	35,441
15	1	99 183	73 694,717	2 631 971,984	35,715	35,253
16	2	99 146	72 222,172	2 558 277,267	35,422	34,961
17	3	99 108	70 779,385	2 486 055,094	35,124	34,662
18	4	99 067	69 362,943	2 415 275,709	34,821	34,359
19	5	99 020	67 970,635	2 345 912,767	34,514	34,052
20	6	98 972	66 605,057	2 277 942,132	34,201	33,739
21	7	98 920	65 265,346	2 211 337,075	33,882	33,421
22	8	98 871	63 953,866	2 146 071,729	33,557	33,095
23	9	98 821	62 667,710	2 082 117,863	33,225	32,763
24	10	98 769	61 406,744	2 019 450,153	32,886	32,425
25	11	98 715	60 170,023	1 958 043,409	32,542	32,080
26	12	98 660	58 957,444	1 897 873,386	32,191	31,729
27	13	98 606	57 769,457	1 838 915,942	31,832	31,370
28	14	98 545	56 601,984	1 781 146,485	31,468	31,006
29	15	98 484	55 457,737	1 724 544,501	31,097	30,635
30	16	98 416	54 332,401	1 669 086,763	30,720	30,258
31	17	98 345	53 228,860	1 614 754,363	30,336	29,874
32	18	98 263	52 141,600	1 561 525,503	29,948	29,486
33	19	98 174	51 073,002	1 509 383,904	29,553	29,092
34	20	98 085	50 026,359	1 458 310,901	29,151	28,689
35	21	97 988	48 996,880	1 408 284,543	28,742	28,281
36	22	97 885	47 985,567	1 359 287,663	28,327	27,865
37	23	97 781	46 994,799	1 311 302,095	27,903	27,442
38	24	97 669	46 020,174	1 264 307,297	27,473	27,011
39	25	97 550	45 062,824	1 218 287,122	27,035	26,574
40	26	97 425	44 122,794	1 173 224,298	26,590	26,128
41	27	97 284	43 194,873	1 129 101,504	26,140	25,678
42	28	97 133	42 282,587	1 085 906,631	25,682	25,221
43	29	96 965	41 381,426	1 043 624,044	25,220	24,758
44	30	96 781	40 493,105	1 002 242,618	24,751	24,289
45	31	96 578	39 616,073	961 749,513	24,277	23,815
46	32	96 350	38 747,517	922 133,439	23,799	23,337
47	33	96 106	37 891,612	883 385,922	23,313	22,852
48	34	95 833	37 043,104	845 494,310	22,825	22,363
49	35	95 529	36 201,469	808 451,206	22,332	21,870
50	36	95 190	35 365,709	772 249,736	21,836	21,375
51	37	94 811	34 534,097	736 884,028	21,338	20,876
52	38	94 401	33 710,715	702 349,931	20,835	20,373
53	39	93 928	32 884,194	668 639,216	20,333	19,872
54	40	93 404	32 059,541	635 755,021	19,830	19,369
55	41	92 821	31 234,509	603 695,480	19,328	18,866
56	42	92 179	30 410,577	572 460,971	18,824	18,363
57	43	91 474	29 586,076	542 050,394	18,321	17,860
58	44	90 702	28 761,335	512 464,318	17,818	17,356
59	45	89 845	27 930,867	483 702,983	17,318	16,856
60	46	88 915	27 099,730	455 772,116	16,818	16,357
61	47	87 910	26 268,193	428 672,386	16,319	15,857
62	48	86 820	25 433,637	402 404,193	15,822	15,360
63	49	85 630	24 593,158	376 970,556	15,328	14,867
64	50	84 358	23 752,752	352 377,398	14,835	14,374
65	51	82 990	22 909,310	328 624,647	14,345	13,883
66	52	81 534	22 066,118	305 715,336	13,855	13,393
67	53	80 004	21 227,587	283 649,218	13,362	12,901
68	54	78 353	20 381,856	262 421,632	12,875	12,414
69	55	76 656	19 549,467	242 039,775	12,381	11,919
70	56	74 826	18 708,457	222 490,309	11,892	11,431
71	57	72 884	17 865,804	203 781,852	11,406	10,945
72	58	70 823	17 020,051	185 916,048	10,923	10,462
73	59	68 667	16 178,326	168 895,997	10,440	9,978
74	60	66 401	15 337,852	152 717,671	9,957	9,495
75	61	64 001	14 493,615	137 379,820	9,479	9,017
76	62	61 477	13 649,050	122 886,204	9,003	8,542
77	63	58 804	12 799,463	109 237,155	8,535	8,073
78	64	56 007	11 951,589	96 437,691	8,069	7,607
79	65	53 027	11 093,971	84 486,102	7,615	7,154
80	66	49 853	10 225,261	73 392,131	7,178	6,716
81	67	46 522	9 355,023	63 166,869	6,752	6,291
82	68	43 006	8 478,377	53 811,846	6,347	5,885
83	69	39 384	7 612,066	45 333,470	5,955	5,494
84	70	35 641	6 753,641	37 721,404	5,585	5,124
85	71	31 851	5 917,083	30 967,763	5,234	4,772
86	72	28 046	5 108,037	25 050,680	4,904	4,443
87	73	24 324	4 343,330	19 942,643	4,592	4,130
88	74	20 763	3 634,716	15 599,313	4,292	3,830
89	75	17 397	2 985,747	11 964,597	4,007	3,546
90	76	14 293	2 404,949	8 978,850	3,733	3,272
91	77	11 471	1 892,219	6 573,901	3,474	3,013
92	78	8 925	1 443,453	4 681,682	3,243	2,782
93	79	6 729	1 066,979	3 238,229	3,035	2,573
94	80	4 921	764,951	2 171,250	2,838	2,377
95	81	3 438	523,913	1 406,299	2,684	2,223
96	82	2 347	350,613	882,386	2,517	2,055
97	83	1 532	224,388	531,772	2,370	1,908
98	84	955	137,170	307,384	2,241	1,779
99	85	569	80,083	170,215	2,125	1,664
100	86	323	44,577	90,132	2,022	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	73 921,202	2 634 836,811	35,644	35,182
16	1	99 168	72 238,864	2 560 915,610	35,451	34,989
17	2	99 120	70 787,814	2 488 676,746	35,157	34,695
18	3	99 079	69 371,207	2 417 888,932	34,854	34,393
19	4	99 029	67 976,816	2 348 517,724	34,549	34,087
20	5	98 979	66 610,052	2 280 540,908	34,237	33,776
21	6	98 927	65 269,642	2 213 930,856	33,920	33,458
22	7	98 876	63 957,019	2 148 661,214	33,595	33,134
23	8	98 827	62 671,590	2 084 704,195	33,264	32,802
24	9	98 775	61 410,718	2 022 032,605	32,926	32,465
25	10	98 721	60 173,588	1 960 621,887	32,583	32,121
26	11	98 668	58 961,836	1 900 448,299	32,232	31,770
27	12	98 614	57 774,028	1 841 486,463	31,874	31,412
28	13	98 554	56 606,836	1 783 712,435	31,511	31,049
29	14	98 495	55 463,558	1 727 105,599	31,139	30,678
30	15	98 428	54 339,198	1 671 642,041	30,763	30,301
31	16	98 359	53 236,371	1 617 302,843	30,380	29,918
32	17	98 277	52 149,235	1 564 066,471	29,992	29,531
33	18	98 194	51 083,405	1 511 917,236	29,597	29,135
34	19	98 104	50 036,017	1 460 833,831	29,196	28,734
35	20	98 006	49 005,955	1 410 797,814	28,788	28,327
36	21	97 901	47 993,513	1 361 791,860	28,374	27,913
37	22	97 798	47 002,932	1 313 798,347	27,951	27,490
38	23	97 690	46 030,162	1 266 795,414	27,521	27,059
39	24	97 566	45 070,467	1 220 765,252	27,086	26,624
40	25	97 443	44 131,023	1 175 694,785	26,641	26,179
41	26	97 302	43 203,279	1 131 563,762	26,192	25,730
42	27	97 155	42 291,824	1 088 360,483	25,735	25,273
43	28	96 989	41 391,749	1 046 068,659	25,272	24,811
44	29	96 806	40 503,587	1 004 676,910	24,805	24,343
45	30	96 607	39 627,840	964 173,323	24,331	23,869
46	31	96 381	38 759,889	924 545,483	23,853	23,392
47	32	96 140	37 904,767	885 785,594	23,369	22,907
48	33	95 867	37 056,298	847 880,827	22,881	22,419
49	34	95 566	36 215,634	810 824,529	22,389	21,927
50	35	95 228	35 379,949	774 608,895	21,894	21,432
51	36	94 855	34 550,296	739 228,946	21,396	20,934
52	37	94 445	33 726,237	704 678,650	20,894	20,432
53	38	93 983	32 903,465	670 952,414	20,392	19,930
54	39	93 460	32 078,651	638 048,949	19,890	19,429
55	40	92 884	31 255,722	605 970,299	19,387	18,926
56	41	92 250	30 433,794	574 714,577	18,884	18,422
57	42	91 550	29 610,648	544 280,783	18,381	17,920
58	43	90 784	28 787,241	514 670,135	17,878	17,417
59	44	89 937	27 959,387	485 882,894	17,378	16,917
60	45	89 014	27 129,897	457 923,507	16,879	16,417
61	46	88 022	26 301,589	430 793,610	16,379	15,917
62	47	86 945	25 470,150	404 492,021	15,881	15,419
63	48	85 767	24 632,559	379 021,872	15,387	14,925
64	49	84 511	23 795,857	354 389,312	14,893	14,431
65	50	83 153	22 954,546	330 593,455	14,402	13,940
66	51	81 714	22 114,965	307 638,909	13,911	13,449
67	52	80 201	21 279,835	285 523,944	13,418	12,956
68	53	78 568	20 437,715	264 244,109	12,929	12,468
69	54	76 888	19 608,481	243 806,394	12,434	11,972
70	55	75 074	18 770,651	224 197,913	11,944	11,482
71	56	73 149	17 930,693	205 427,261	11,457	10,995
72	57	71 107	17 088,272	187 496,569	10,972	10,511
73	58	68 971	16 249,997	170 408,297	10,487	10,025
74	59	66 724	15 412,293	154 158,299	10,002	9,541
75	60	64 348	14 572,174	138 746,006	9,521	9,060
76	61	61 823	13 725,847	124 173,832	9,047	8,585
77	62	59 163	12 877,716	110 447,984	8,577	8,115
78	63	56 378	12 030,805	97 570,268	8,110	7,648
79	64	53 417	11 175,411	85 539,463	7,654	7,193
80	65	50 255	10 307,849	74 364,052	7,214	6,753
81	66	46 932	9 437,463	64 056,203	6,787	6,326
82	67	43 427	8 561,374	54 618,740	6,380	5,918
83	68	39 790	7 690,624	46 057,366	5,989	5,527
84	69	36 044	6 829,946	38 366,742	5,617	5,156
85	70	32 244	5 990,063	31 536,796	5,265	4,803
86	71	28 427	5 177,364	25 546,733	4,934	4,473
87	72	24 680	4 406,829	20 369,369	4,622	4,161
88	73	21 089	3 691,876	15 962,539	4,324	3,862
89	74	17 700	3 037,718	12 270,663	4,039	3,578
90	75	14 571	2 451,697	9 232,945	3,766	3,304
91	76	11 727	1 934,440	6 781,248	3,506	3,044
92	77	9 149	1 479,633	4 846,808	3,276	2,814
93	78	6 924	1 097,828	3 367,175	3,067	2,606
94	79	5 088	790,993	2 269,347	2,869	2,407
95	80	3 575	544,839	1 478,354	2,713	2,252
96	81	2 455	366,774	933,514	2,545	2,084
97	82	1 613	236,283	566,740	2,399	1,937
98	83	1 014	145,628	330,457	2,269	1,808
99	84	610	85,854	184,829	2,153	1,691
100	85	350	48,307	98,975	2,049	1,587

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	72 460,874	2 563 557,343	35,379	34,917
17	1	99 143	70 804,174	2 491 096,469	35,183	34,721
18	2	99 091	69 379,469	2 420 292,295	34,885	34,423
19	3	99 041	67 984,916	2 350 912,826	34,580	34,118
20	4	98 988	66 616,110	2 282 927,910	34,270	33,808
21	5	98 934	65 274,538	2 216 311,801	33,954	33,492
22	6	98 883	63 961,229	2 151 037,263	33,630	33,169
23	7	98 832	62 674,680	2 087 076,034	33,300	32,839
24	8	98 781	61 414,520	2 024 401,354	32,963	32,501
25	9	98 728	60 177,482	1 962 986,834	32,620	32,158
26	10	98 674	58 965,330	1 902 809,352	32,270	31,808
27	11	98 621	57 778,332	1 843 844,022	31,912	31,451
28	12	98 562	56 611,315	1 786 065,691	31,550	31,088
29	13	98 503	55 468,312	1 729 454,376	31,179	30,718
30	14	98 438	54 344,901	1 673 986,064	30,803	30,341
31	15	98 371	53 243,032	1 619 641,162	30,420	29,958
32	16	98 291	52 156,595	1 566 398,130	30,033	29,571
33	17	98 209	51 090,886	1 514 241,535	29,638	29,177
34	18	98 124	50 046,208	1 463 150,650	29,236	28,774
35	19	98 025	49 015,416	1 413 104,442	28,830	28,368
36	20	97 919	48 002,402	1 364 089,026	28,417	27,955
37	21	97 814	47 010,715	1 316 086,624	27,995	27,534
38	22	97 707	46 038,129	1 269 075,909	27,566	27,104
39	23	97 587	45 080,249	1 223 037,780	27,130	26,669
40	24	97 460	44 138,507	1 177 957,532	26,688	26,226
41	25	97 321	43 211,337	1 133 819,024	26,239	25,777
42	26	97 174	42 300,055	1 090 607,688	25,783	25,321
43	27	97 010	41 400,792	1 048 307,633	25,321	24,859
44	28	96 830	40 513,690	1 006 906,840	24,853	24,392
45	29	96 632	39 638,098	966 393,150	24,380	23,919
46	30	96 409	38 771,402	926 755,052	23,903	23,441
47	31	96 170	37 916,870	887 983,650	23,419	22,958
48	32	95 901	37 069,163	850 066,781	22,932	22,470
49	33	95 600	36 228,533	812 997,618	22,441	21,979
50	34	95 266	35 393,792	776 769,085	21,946	21,485
51	35	94 893	34 564,207	741 375,293	21,449	20,988
52	36	94 489	33 742,056	706 811,086	20,947	20,486
53	37	94 027	32 918,615	673 069,030	20,446	19,985
54	38	93 515	32 097,449	640 150,415	19,944	19,482
55	39	92 939	31 274,352	608 052,966	19,443	18,981
56	40	92 313	30 454,463	576 778,614	18,939	18,477
57	41	91 620	29 633,254	546 324,151	18,436	17,975
58	42	90 860	28 811,149	516 690,897	17,934	17,472
59	43	90 018	27 984,571	487 879,749	17,434	16,972
60	44	89 105	27 157,599	459 895,177	16,934	16,473
61	45	88 120	26 330,867	432 737,578	16,435	15,973
62	46	87 055	25 502,531	406 406,711	15,936	15,474
63	47	85 890	24 667,922	380 904,180	15,441	14,980
64	48	84 646	23 833,981	356 236,258	14,947	14,485
65	49	83 304	22 996,202	332 402,277	14,455	13,993
66	50	81 876	22 158,632	309 406,074	13,963	13,502
67	51	80 379	21 326,942	287 247,442	13,469	13,007
68	52	78 761	20 488,019	265 920,500	12,979	12,518
69	53	77 098	19 662,221	245 432,481	12,482	12,021
70	54	75 301	18 827,315	225 770,260	11,992	11,530
71	55	73 392	17 990,302	206 942,945	11,503	11,041
72	56	71 365	17 150,337	188 952,643	11,017	10,556
73	57	69 247	16 315,132	171 802,306	10,530	10,069
74	58	67 019	15 480,571	155 487,174	10,044	9,582
75	59	64 661	14 642,899	140 006,603	9,561	9,100
76	60	62 158	13 800,245	125 363,704	9,084	8,623
77	61	59 496	12 950,174	111 563,459	8,615	8,153
78	62	56 722	12 104,359	98 613,285	8,147	7,685
79	63	53 771	11 249,482	86 508,926	7,690	7,228
80	64	50 624	10 383,518	75 259,444	7,248	6,786
81	65	47 311	9 513,688	64 875,926	6,819	6,358
82	66	43 809	8 636,820	55 362,238	6,410	5,948
83	67	40 180	7 765,909	46 725,418	6,017	5,555
84	68	36 416	6 900,433	38 959,508	5,646	5,184
85	69	32 608	6 057,741	32 059,075	5,292	4,831
86	70	28 777	5 241,221	26 001,334	4,961	4,499
87	71	25 015	4 466,639	20 760,114	4,648	4,186
88	72	21 398	3 745,852	16 293,474	4,350	3,888
89	73	17 978	3 085,490	12 547,623	4,067	3,605
90	74	14 824	2 494,371	9 462,133	3,793	3,332
91	75	11 955	1 972,042	6 967,761	3,533	3,072
92	76	9 353	1 512,648	4 995,719	3,303	2,841
93	77	7 097	1 125,345	3 483,072	3,095	2,634
94	78	5 236	813,863	2 357,727	2,897	2,435
95	79	3 697	563,388	1 543,863	2,740	2,279
96	80	2 553	381,424	980,476	2,571	2,109
97	81	1 687	247,174	599,051	2,424	1,962
98	82	1 068	153,348	351,877	2,295	1,833
99	83	647	91,148	198,530	2,178	1,716
100	84	375	51,788	107,381	2,073	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	71 021,775	2 493 533,318	35,109	34,648
18	1	99 114	69 395,503	2 422 511,543	34,909	34,447
19	2	99 053	67 993,012	2 353 116,040	34,608	34,147
20	3	99 000	66 624,047	2 285 123,028	34,299	33,837
21	4	98 943	65 280,474	2 218 498,980	33,984	33,523
22	5	98 890	63 966,026	2 153 218,507	33,662	33,200
23	6	98 838	62 678,805	2 089 252,481	33,333	32,871
24	7	98 786	61 417,548	2 026 573,675	32,997	32,535
25	8	98 734	60 181,208	1 965 156,127	32,654	32,192
26	9	98 680	58 969,146	1 904 974,919	32,305	31,843
27	10	98 627	57 781,756	1 846 005,774	31,948	31,486
28	11	98 569	56 615,532	1 788 224,018	31,585	31,124
29	12	98 511	55 472,701	1 731 608,487	31,216	30,754
30	13	98 447	54 349,560	1 676 135,786	30,840	30,378
31	14	98 382	53 248,620	1 621 786,226	30,457	29,995
32	15	98 304	52 163,120	1 568 537,606	30,070	29,608
33	16	98 222	51 098,096	1 516 374,485	29,676	29,214
34	17	98 139	50 053,537	1 465 276,390	29,274	28,813
35	18	98 045	49 025,399	1 415 222,853	28,867	28,406
36	19	97 938	48 011,669	1 366 197,453	28,456	27,994
37	20	97 833	47 019,422	1 318 185,784	28,035	27,573
38	21	97 723	46 045,752	1 271 166,363	27,607	27,145
39	22	97 604	45 088,051	1 225 120,611	27,172	26,710
40	23	97 481	44 148,087	1 180 032,559	26,729	26,267
41	24	97 337	43 218,665	1 135 884,473	26,282	25,821
42	25	97 192	42 307,944	1 092 665,807	25,826	25,365
43	26	97 029	41 408,849	1 050 357,864	25,366	24,904
44	27	96 851	40 522,542	1 008 949,014	24,898	24,437
45	28	96 656	39 647,986	968 426,473	24,426	23,964
46	29	96 434	38 781,438	928 778,487	23,949	23,487
47	30	96 199	37 928,132	889 997,049	23,465	23,004
48	31	95 931	37 080,999	852 068,917	22,979	22,517
49	32	95 633	36 241,110	814 987,919	22,488	22,026
50	33	95 299	35 406,398	778 746,808	21,995	21,533
51	34	94 930	34 577,731	743 340,410	21,498	21,036
52	35	94 527	33 755,642	708 762,679	20,997	20,535
53	36	94 071	32 934,056	675 007,037	20,496	20,034
54	37	93 558	32 112,228	642 072,981	19,995	19,533
55	38	92 993	31 292,679	609 960,753	19,492	19,031
56	39	92 368	30 472,616	578 668,074	18,990	18,528
57	40	91 682	29 653,379	548 195,459	18,487	18,025
58	41	90 929	28 833,145	518 542,079	17,984	17,523
59	42	90 093	28 007,813	489 708,935	17,485	17,023
60	43	89 185	27 182,061	461 701,122	16,986	16,524
61	44	88 210	26 357,753	434 519,061	16,485	16,024
62	45	87 152	25 530,920	408 161,308	15,987	15,525
63	46	85 999	24 699,283	382 630,388	15,492	15,030
64	47	84 768	23 868,197	357 931,104	14,996	14,535
65	48	83 438	23 033,046	334 062,907	14,504	14,042
66	49	82 024	22 198,844	311 029,861	14,011	13,549
67	50	80 537	21 369,053	288 831,017	13,516	13,055
68	51	78 935	20 533,373	267 461,964	13,026	12,564
69	52	77 288	19 710,616	246 928,591	12,528	12,066
70	53	75 507	18 878,914	227 217,975	12,036	11,574
71	54	73 614	18 044,609	208 339,061	11,546	11,084
72	55	71 602	17 207,352	190 294,452	11,059	10,597
73	56	69 499	16 374,389	173 087,100	10,571	10,109
74	57	67 288	15 542,622	156 712,711	10,083	9,621
75	58	64 947	14 707,769	141 170,089	9,598	9,137
76	59	62 460	13 867,224	126 462,321	9,120	8,658
77	60	59 819	13 020,367	112 595,097	8,648	8,186
78	61	57 042	12 172,465	99 574,730	8,180	7,719
79	62	54 099	11 318,259	87 402,265	7,722	7,261
80	63	50 960	10 452,340	76 084,006	7,279	6,818
81	64	47 658	9 583,527	65 631,666	6,848	6,387
82	65	44 163	8 706,579	56 048,139	6,437	5,976
83	66	40 534	7 834,346	47 341,560	6,043	5,581
84	67	36 772	6 967,983	39 507,214	5,670	5,208
85	68	32 945	6 120,258	32 539,231	5,317	4,855
86	69	29 102	5 300,438	26 418,973	4,984	4,523
87	70	25 323	4 521,730	21 118,534	4,670	4,209
88	71	21 688	3 796,691	16 596,804	4,371	3,910
89	72	18 241	3 130,600	12 800,114	4,089	3,627
90	73	15 058	2 533,599	9 669,514	3,817	3,355
91	74	12 163	2 006,368	7 135,916	3,557	3,095
92	75	9 535	1 542,051	5 129,548	3,326	2,865
93	76	7 256	1 150,455	3 587,497	3,118	2,657
94	77	5 367	834,262	2 437,042	2,921	2,460
95	78	3 804	579,677	1 602,780	2,765	2,303
96	79	2 640	394,409	1 023,103	2,594	2,132
97	80	1 755	257,047	628,693	2,446	1,984
98	81	1 117	160,416	371,647	2,317	1,855
99	82	682	95,980	211,230	2,201	1,739
100	83	398	54,982	115,250	2,096	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	69 608,775	2 424 760,118	34,834	34,373
19	1	99 076	68 008,726	2 355 151,344	34,630	34,169
20	2	99 012	66 631,982	2 287 142,617	34,325	33,863
21	3	98 955	65 288,252	2 220 510,636	34,011	33,549
22	4	98 899	63 971,843	2 155 222,384	33,690	33,229
23	5	98 846	62 683,506	2 091 250,540	33,362	32,900
24	6	98 793	61 421,591	2 028 567,034	33,027	32,565
25	7	98 739	60 184,175	1 967 145,443	32,685	32,224
26	8	98 686	58 972,797	1 906 961,268	32,336	31,875
27	9	98 633	57 785,495	1 847 988,472	31,980	31,519
28	10	98 575	56 618,887	1 790 202,977	31,618	31,157
29	11	98 518	55 476,833	1 733 584,091	31,249	30,787
30	12	98 454	54 353,860	1 678 107,257	30,874	30,412
31	13	98 390	53 253,185	1 623 753,397	30,491	30,030
32	14	98 314	52 168,595	1 570 500,212	30,104	29,643
33	15	98 235	51 104,489	1 518 331,618	29,710	29,249
34	16	98 153	50 060,601	1 467 227,129	29,309	28,847
35	17	98 060	49 032,579	1 417 166,528	28,903	28,441
36	18	97 958	48 021,448	1 368 133,950	28,490	28,028
37	19	97 851	47 028,499	1 320 112,501	28,070	27,609
38	20	97 741	46 054,280	1 273 084,002	27,643	27,182
39	21	97 620	45 095,517	1 227 029,722	27,210	26,748
40	22	97 498	44 155,728	1 181 934,205	26,767	26,306
41	23	97 358	43 228,045	1 137 778,477	26,320	25,859
42	24	97 208	42 315,119	1 094 550,432	25,867	25,405
43	25	97 047	41 416,572	1 052 235,313	25,406	24,945
44	26	96 870	40 530,428	1 010 818,741	24,940	24,478
45	27	96 677	39 656,648	970 288,314	24,467	24,006
46	28	96 458	38 791,112	930 631,666	23,991	23,529
47	29	96 224	37 937,950	891 840,554	23,508	23,046
48	30	95 960	37 092,012	853 902,604	23,021	22,560
49	31	95 664	36 252,682	816 810,592	22,531	22,069
50	32	95 333	35 418,690	780 557,910	22,038	21,576
51	33	94 964	34 590,047	745 139,220	21,542	21,080
52	34	94 564	33 768,850	710 549,173	21,042	20,580
53	35	94 109	32 947,316	676 780,323	20,541	20,080
54	36	93 602	32 127,291	643 833,007	20,040	19,578
55	37	93 036	31 307,087	611 705,716	19,539	19,077
56	38	92 422	30 490,473	580 398,629	19,035	18,574
57	39	91 737	29 671,054	549 908,156	18,533	18,072
58	40	90 991	28 852,727	520 237,102	18,031	17,569
59	41	90 161	28 029,195	491 384,375	17,531	17,070
60	42	89 259	27 204,636	463 355,180	17,032	16,571
61	43	88 290	26 381,495	436 150,544	16,532	16,071
62	44	87 241	25 556,990	409 769,049	16,034	15,572
63	45	86 095	24 726,778	384 212,060	15,538	15,077
64	46	84 876	23 898,542	359 485,281	15,042	14,581
65	47	83 558	23 066,112	335 586,739	14,549	14,087
66	48	82 156	22 234,410	312 520,627	14,056	13,594
67	49	80 683	21 407,832	290 286,217	13,560	13,098
68	50	79 091	20 573,918	268 878,385	13,069	12,607
69	51	77 459	19 754,249	248 304,468	12,570	12,108
70	52	75 693	18 925,381	228 550,219	12,076	11,615
71	53	73 816	18 094,063	209 624,838	11,585	11,124
72	54	71 818	17 259,296	191 530,775	11,097	10,636
73	55	69 730	16 428,824	174 271,479	10,608	10,146
74	56	67 532	15 599,073	157 842,655	10,119	9,657
75	57	65 207	14 766,722	142 243,582	9,633	9,171
76	58	62 737	13 928,657	127 476,860	9,152	8,691
77	59	60 109	13 083,561	113 548,203	8,679	8,217
78	60	57 351	12 238,443	100 464,643	8,209	7,747
79	61	54 404	11 381,942	88 226,200	7,751	7,290
80	62	51 271	10 516,244	76 844,258	7,307	6,846
81	63	47 974	9 647,047	66 328,014	6,875	6,414
82	64	44 488	8 770,492	56 680,967	6,463	6,001
83	65	40 861	7 897,623	47 910,475	6,066	5,605
84	66	37 096	7 029,388	40 012,852	5,692	5,231
85	67	33 267	6 180,171	32 983,464	5,337	4,875
86	68	29 403	5 355,140	26 803,293	5,005	4,544
87	69	25 609	4 572,818	21 448,153	4,690	4,229
88	70	21 956	3 843,518	16 875,334	4,391	3,929
89	71	18 488	3 173,088	13 031,816	4,107	3,645
90	72	15 278	2 570,640	9 858,728	3,835	3,374
91	73	12 354	2 037,920	7 288,088	3,576	3,115
92	74	9 701	1 568,892	5 250,168	3,346	2,885
93	75	7 397	1 172,818	3 681,275	3,139	2,677
94	76	5 487	852,877	2 508,458	2,941	2,480
95	77	3 899	594,207	1 655,580	2,786	2,325
96	78	2 716	405,813	1 061,374	2,615	2,154
97	79	1 815	265,797	655,561	2,466	2,005
98	80	1 162	166,824	389,764	2,336	1,875
99	81	713	100,404	222,940	2,220	1,759
100	82	419	57,896	122,536	2,116	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	68 217,736	2 357 226,766	34,554	34,093
20	1	99 035	66 647,381	2 289 009,030	34,345	33,883
21	2	98 967	65 296,027	2 222 361,649	34,035	33,574
22	3	98 911	63 979,466	2 157 065,622	33,715	33,253
23	4	98 855	62 689,207	2 093 086,156	33,388	32,927
24	5	98 800	61 426,197	2 030 396,950	33,054	32,593
25	6	98 745	60 188,137	1 968 970,752	32,714	32,252
26	7	98 691	58 975,704	1 908 782,615	32,366	31,904
27	8	98 639	57 789,073	1 849 806,911	32,010	31,548
28	9	98 581	56 622,550	1 792 017,839	31,648	31,187
29	10	98 524	55 480,121	1 735 395,288	31,280	30,818
30	11	98 462	54 357,909	1 679 915,168	30,905	30,443
31	12	98 398	53 257,398	1 625 557,259	30,523	30,061
32	13	98 322	52 173,067	1 572 299,861	30,136	29,675
33	14	98 245	51 109,852	1 520 126,794	29,742	29,281
34	15	98 165	50 066,864	1 469 016,942	29,341	28,879
35	16	98 074	49 039,498	1 418 950,078	28,935	28,473
36	17	97 973	48 028,480	1 369 910,579	28,523	28,061
37	18	97 871	47 038,078	1 321 882,099	28,102	27,641
38	19	97 760	46 063,171	1 274 844,021	27,676	27,214
39	20	97 638	45 103,869	1 228 780,849	27,243	26,782
40	21	97 514	44 163,039	1 183 676,981	26,802	26,341
41	22	97 375	43 235,527	1 139 513,941	26,356	25,894
42	23	97 229	42 324,303	1 096 278,415	25,902	25,440
43	24	97 063	41 423,596	1 053 954,112	25,443	24,982
44	25	96 888	40 537,987	1 012 530,516	24,977	24,516
45	26	96 696	39 664,365	971 992,529	24,505	24,044
46	27	96 479	38 799,587	932 328,164	24,029	23,568
47	28	96 248	37 947,413	893 528,577	23,546	23,085
48	29	95 984	37 101,614	855 581,163	23,060	22,599
49	30	95 692	36 263,450	818 479,550	22,570	22,109
50	31	95 363	35 429,999	782 216,100	22,078	21,616
51	32	94 997	34 602,055	746 786,101	21,582	21,121
52	33	94 598	33 780,878	712 184,045	21,082	20,621
53	34	94 145	32 960,208	678 403,168	20,582	20,121
54	35	93 639	32 140,226	645 442,960	20,082	19,620
55	36	93 080	31 321,772	613 302,734	19,581	19,119
56	37	92 464	30 504,512	581 980,961	19,079	18,617
57	38	91 790	29 688,442	551 476,450	18,575	18,114
58	39	91 045	28 869,925	521 788,008	18,074	17,612
59	40	90 223	28 048,231	492 918,083	17,574	17,112
60	41	89 327	27 225,405	464 869,852	17,075	16,613
61	42	88 363	26 403,405	437 644,447	16,575	16,114
62	43	87 320	25 580,010	411 241,042	16,077	15,615
63	44	86 183	24 752,026	385 661,033	15,581	15,119
64	45	84 970	23 925,146	360 909,006	15,085	14,623
65	46	83 664	23 095,437	336 983,860	14,591	14,129
66	47	82 274	22 266,330	313 888,424	14,097	13,635
67	48	80 813	21 442,130	291 622,094	13,600	13,139
68	49	79 235	20 611,254	270 179,963	13,108	12,647
69	50	77 612	19 793,255	249 568,710	12,609	12,147
70	51	75 861	18 967,276	229 775,455	12,114	11,653
71	52	73 997	18 138,599	210 808,179	11,622	11,160
72	53	72 015	17 306,597	192 669,581	11,133	10,671
73	54	69 940	16 478,418	175 362,983	10,642	10,180
74	55	67 757	15 650,931	158 884,565	10,152	9,690
75	56	65 444	14 820,355	143 233,635	9,665	9,203
76	57	62 988	13 984,487	128 413,280	9,183	8,721
77	58	60 375	13 141,522	114 428,793	8,707	8,246
78	59	57 629	12 297,841	101 287,271	8,236	7,775
79	60	54 699	11 443,635	88 989,429	7,776	7,315
80	61	51 560	10 575,414	77 545,795	7,333	6,871
81	62	48 268	9 706,027	66 970,380	6,900	6,438
82	63	44 782	8 828,624	57 264,353	6,486	6,025
83	64	41 161	7 955,598	48 435,730	6,088	5,627
84	65	37 396	7 086,164	40 480,131	5,713	5,251
85	66	33 560	6 234,633	33 393,968	5,356	4,895
86	67	29 690	5 407,563	27 159,335	5,022	4,561
87	68	25 874	4 620,011	21 751,772	4,708	4,247
88	69	22 204	3 886,944	17 131,761	4,408	3,946
89	70	18 716	3 212,225	13 244,817	4,123	3,662
90	71	15 485	2 605,529	10 032,592	3,851	3,389
91	72	12 534	2 067,715	7 427,063	3,592	3,130
92	73	9 853	1 593,565	5 359,349	3,363	2,902
93	74	7 526	1 193,232	3 765,784	3,156	2,694
94	75	5 593	869,456	2 572,552	2,959	2,497
95	76	3 986	607,465	1 703,096	2,804	2,342
96	77	2 784	415,984	1 095,631	2,634	2,172
97	78	1 867	273,482	679,646	2,485	2,024
98	79	1 201	172,503	406,164	2,355	1,893
99	80	742	104,415	233,661	2,238	1,776
100	81	439	60,565	129,247	2,134	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	66 852,207	2 290 925,107	34,269	33,807
21	1	98 990	65 311,118	2 224 072,901	34,054	33,592
22	2	98 923	63 987,085	2 158 761,783	33,737	33,276
23	3	98 866	62 696,676	2 094 774,697	33,411	32,950
24	4	98 809	61 431,783	2 032 078,021	33,079	32,617
25	5	98 752	60 192,651	1 970 646,238	32,739	32,277
26	6	98 698	58 979,586	1 910 453,587	32,392	31,930
27	7	98 644	57 791,921	1 851 474,000	32,037	31,575
28	8	98 587	56 626,056	1 793 682,079	31,676	31,214
29	9	98 530	55 483,711	1 737 056,023	31,307	30,846
30	10	98 468	54 361,130	1 681 572,312	30,933	30,472
31	11	98 405	53 261,365	1 627 211,182	30,551	30,090
32	12	98 330	52 177,195	1 573 949,817	30,165	29,704
33	13	98 253	51 114,234	1 521 772,622	29,772	29,310
34	14	98 175	50 072,118	1 470 658,388	29,371	28,909
35	15	98 086	49 045,634	1 420 586,270	28,965	28,503
36	16	97 987	48 035,258	1 371 540,636	28,553	28,091
37	17	97 886	47 044,966	1 323 505,377	28,133	27,671
38	18	97 780	46 072,553	1 276 460,411	27,705	27,244
39	19	97 657	45 112,577	1 230 387,857	27,274	26,812
40	20	97 532	44 171,219	1 185 275,281	26,834	26,372
41	21	97 391	43 242,686	1 141 104,062	26,388	25,927
42	22	97 246	42 331,628	1 097 861,376	25,935	25,473
43	23	97 084	41 432,586	1 055 529,748	25,476	25,014
44	24	96 904	40 544,862	1 014 097,162	25,012	24,550
45	25	96 714	39 671,763	973 552,300	24,540	24,079
46	26	96 498	38 807,138	933 880,537	24,065	23,603
47	27	96 269	37 955,704	895 073,400	23,582	23,120
48	28	96 008	37 110,869	857 117,696	23,096	22,635
49	29	95 717	36 272,837	820 006,827	22,607	22,145
50	30	95 391	35 440,523	783 733,990	22,114	21,652
51	31	95 027	34 613,104	748 293,468	21,619	21,157
52	32	94 630	33 792,605	713 680,364	21,119	20,658
53	33	94 179	32 971,947	679 887,759	20,620	20,159
54	34	93 676	32 152,802	646 915,812	20,120	19,658
55	35	93 117	31 334,384	614 763,010	19,619	19,158
56	36	92 508	30 518,820	583 428,626	19,117	18,655
57	37	91 833	29 702,111	552 909,806	18,615	18,154
58	38	91 098	28 886,843	523 207,694	18,112	17,651
59	39	90 276	28 064,950	494 320,852	17,613	17,152
60	40	89 388	27 243,895	466 255,902	17,114	16,653
61	41	88 430	26 423,562	439 012,007	16,614	16,153
62	42	87 392	25 601,254	412 588,444	16,116	15,654
63	43	86 261	24 774,322	386 987,190	15,620	15,159
64	44	85 057	23 949,575	362 212,869	15,124	14,662
65	45	83 757	23 121,146	338 263,294	14,630	14,168
66	46	82 378	22 294,638	315 142,147	14,135	13,674
67	47	80 929	21 472,913	292 847,509	13,638	13,176
68	48	79 362	20 644,276	271 374,596	13,145	12,684
69	49	77 753	19 829,174	250 730,321	12,645	12,183
70	50	76 011	19 004,728	230 901,146	12,150	11,688
71	51	74 161	18 178,752	211 896,419	11,656	11,195
72	52	72 192	17 349,195	193 717,667	11,166	10,704
73	53	70 132	16 523,579	176 368,472	10,674	10,212
74	54	67 961	15 698,176	159 844,893	10,182	9,721
75	55	65 662	14 869,624	144 146,717	9,694	9,232
76	56	63 217	14 035,279	129 277,093	9,211	8,749
77	57	60 617	13 194,197	115 241,814	8,734	8,273
78	58	57 884	12 352,322	102 047,617	8,261	7,800
79	59	54 964	11 499,176	89 695,295	7,800	7,339
80	60	51 839	10 632,736	78 196,119	7,354	6,893
81	61	48 539	9 760,639	67 563,383	6,922	6,460
82	62	45 056	8 882,600	57 802,745	6,507	6,046
83	63	41 434	8 008,328	48 920,145	6,109	5,647
84	64	37 671	7 138,182	40 911,816	5,731	5,270
85	65	33 831	6 284,990	33 773,634	5,374	4,912
86	66	29 952	5 455,217	27 488,645	5,039	4,577
87	67	26 127	4 665,238	22 033,428	4,723	4,261
88	68	22 433	3 927,058	17 368,190	4,423	3,961
89	69	18 928	3 248,518	13 441,132	4,138	3,676
90	70	15 676	2 637,665	10 192,615	3,864	3,403
91	71	12 705	2 095,778	7 554,950	3,605	3,143
92	72	9 997	1 616,863	5 459,172	3,376	2,915
93	73	7 644	1 211,997	3 842,309	3,170	2,709
94	74	5 691	884,590	2 630,312	2,973	2,512
95	75	4 063	619,273	1 745,722	2,819	2,357
96	76	2 846	425,266	1 126,449	2,649	2,187
97	77	1 914	280,337	701,183	2,501	2,040
98	78	1 236	177,490	420,846	2,371	1,909
99	79	767	107,969	243,355	2,254	1,792
100	80	456	62,984	135,386	2,150	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	65 511,837	2 225 842,245	33,976	33,515
22	1	98 946	64 001,873	2 160 330,408	33,754	33,293
23	2	98 878	62 704,143	2 096 328,534	33,432	32,970
24	3	98 821	61 439,103	2 033 624,391	33,100	32,638
25	4	98 761	60 198,125	1 972 185,288	32,762	32,300
26	5	98 705	58 984,010	1 911 987,163	32,415	31,954
27	6	98 651	57 795,726	1 853 003,154	32,061	31,600
28	7	98 592	56 628,848	1 795 207,428	31,701	31,240
29	8	98 537	55 487,146	1 738 578,580	31,333	30,871
30	9	98 474	54 364,648	1 683 091,434	30,959	30,498
31	10	98 411	53 264,521	1 628 726,786	30,578	30,116
32	11	98 337	52 181,082	1 575 462,265	30,192	29,731
33	12	98 261	51 118,278	1 523 281,183	29,799	29,338
34	13	98 184	50 076,411	1 472 162,905	29,398	28,937
35	14	98 096	49 050,781	1 422 086,494	28,992	28,531
36	15	97 999	48 041,268	1 373 035,713	28,580	28,119
37	16	97 900	47 051,606	1 324 994,445	28,160	27,699
38	17	97 794	46 079,300	1 277 942,839	27,734	27,272
39	18	97 677	45 121,765	1 231 863,539	27,301	26,839
40	19	97 551	44 179,746	1 186 741,773	26,862	26,400
41	20	97 409	43 250,695	1 142 562,027	26,417	25,956
42	21	97 262	42 338,637	1 099 311,333	25,965	25,503
43	22	97 101	41 439,758	1 056 972,695	25,506	25,045
44	23	96 925	40 553,661	1 015 532,938	25,042	24,580
45	24	96 730	39 678,491	974 979,276	24,572	24,110
46	25	96 516	38 814,375	935 300,785	24,097	23,635
47	26	96 287	37 963,091	896 486,410	23,615	23,153
48	27	96 029	37 118,977	858 523,320	23,129	22,667
49	28	95 741	36 281,885	821 404,343	22,640	22,178
50	29	95 416	35 449,696	785 122,458	22,148	21,686
51	30	95 056	34 623,384	749 672,762	21,652	21,191
52	31	94 661	33 803,395	715 049,377	21,153	20,692
53	32	94 212	32 983,394	681 245,982	20,654	20,193
54	33	93 709	32 164,254	648 262,588	20,155	19,693
55	34	93 154	31 346,644	616 098,334	19,654	19,193
56	35	92 545	30 531,109	584 751,690	19,153	18,691
57	36	91 876	29 716,044	554 220,582	18,651	18,189
58	37	91 140	28 900,143	524 504,538	18,149	17,687
59	38	90 329	28 081,396	495 604,395	17,649	17,187
60	39	89 441	27 260,134	467 522,999	17,150	16,689
61	40	88 491	26 441,508	440 262,865	16,650	16,189
62	41	87 459	25 620,799	413 821,357	16,152	15,690
63	42	86 332	24 794,897	388 200,558	15,656	15,195
64	43	85 133	23 971,148	363 405,661	15,160	14,699
65	44	83 842	23 144,755	339 434,513	14,666	14,204
66	45	82 470	22 319,456	316 289,758	14,171	13,709
67	46	81 032	21 500,212	293 970,302	13,673	13,211
68	47	79 476	20 673,913	272 470,090	13,179	12,718
69	48	77 877	19 860,943	251 796,177	12,678	12,216
70	49	76 148	19 039,216	231 935,234	12,182	11,720
71	50	74 308	18 214,647	212 896,018	11,688	11,227
72	51	72 352	17 387,600	194 681,371	11,197	10,735
73	52	70 305	16 564,250	177 293,771	10,703	10,242
74	53	68 148	15 741,199	160 729,521	10,211	9,749
75	54	65 860	14 914,511	144 988,322	9,721	9,260
76	55	63 427	14 081,938	130 073,811	9,237	8,775
77	56	60 837	13 242,119	115 991,873	8,759	8,298
78	57	58 116	12 401,834	102 749,754	8,285	7,823
79	58	55 208	11 550,118	90 347,921	7,822	7,361
80	59	52 091	10 684,341	78 797,802	7,375	6,913
81	60	48 802	9 813,544	68 113,461	6,941	6,479
82	61	45 310	8 932,579	58 299,918	6,527	6,065
83	62	41 687	8 057,289	49 367,339	6,127	5,665
84	63	37 920	7 185,494	41 310,049	5,749	5,287
85	64	34 080	6 331,127	34 124,555	5,390	4,928
86	65	30 194	5 499,278	27 793,428	5,054	4,592
87	66	26 357	4 706,349	22 294,151	4,737	4,275
88	67	22 652	3 965,501	17 587,801	4,435	3,974
89	68	19 123	3 282,043	13 622,300	4,151	3,689
90	69	15 853	2 667,466	10 340,257	3,876	3,415
91	70	12 861	2 121,627	7 672,791	3,616	3,155
92	71	10 133	1 638,807	5 551,164	3,387	2,926
93	72	7 756	1 229,716	3 912,357	3,182	2,720
94	73	5 780	898,501	2 682,640	2,986	2,524
95	74	4 134	630,052	1 784,139	2,832	2,370
96	75	2 902	433,533	1 154,087	2,662	2,200
97	76	1 957	286,592	720,554	2,514	2,053
98	77	1 267	181,939	433,962	2,385	1,924
99	78	789	111,091	252,023	2,269	1,807
100	79	472	65,128	140,932	2,164	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	64 198,569	2 161 964,581	33,676	33,215
23	1	98 901	62 718,635	2 097 766,012	33,447	32,986
24	2	98 833	61 446,420	2 035 047,378	33,119	32,657
25	3	98 773	60 205,297	1 973 600,957	32,781	32,320
26	4	98 714	58 989,374	1 913 395,660	32,436	31,975
27	5	98 658	57 800,061	1 854 406,286	32,083	31,622
28	6	98 599	56 632,576	1 796 606,226	31,724	31,262
29	7	98 541	55 489,881	1 739 973,650	31,357	30,895
30	8	98 480	54 368,014	1 684 483,769	30,983	30,521
31	9	98 417	53 267,968	1 630 115,755	30,602	30,141
32	10	98 343	52 184,174	1 576 847,786	30,217	29,755
33	11	98 268	51 122,086	1 524 663,613	29,824	29,362
34	12	98 191	50 080,373	1 473 541,527	29,424	28,962
35	13	98 105	49 054,986	1 423 461,154	29,018	28,556
36	14	98 009	48 046,310	1 374 406,168	28,606	28,144
37	15	97 912	47 057,493	1 326 359,858	28,186	27,724
38	16	97 808	46 085,803	1 279 302,365	27,759	27,298
39	17	97 691	45 128,373	1 233 216,562	27,327	26,865
40	18	97 571	44 188,745	1 188 088,189	26,887	26,425
41	19	97 428	43 259,045	1 143 899,444	26,443	25,981
42	20	97 280	42 346,479	1 100 640,400	25,991	25,530
43	21	97 117	41 446,619	1 058 293,921	25,534	25,072
44	22	96 942	40 560,680	1 016 847,302	25,070	24,608
45	23	96 751	39 687,102	976 286,621	24,600	24,138
46	24	96 533	38 820,958	936 599,519	24,126	23,665
47	25	96 305	37 970,171	897 778,561	23,644	23,183
48	26	96 048	37 126,200	859 808,390	23,159	22,697
49	27	95 762	36 289,812	822 682,190	22,670	22,208
50	28	95 440	35 458,539	786 392,378	22,178	21,716
51	29	95 080	34 632,347	750 933,839	21,683	21,221
52	30	94 689	33 813,435	716 301,492	21,184	20,722
53	31	94 242	32 993,925	682 488,057	20,685	20,224
54	32	93 742	32 175,420	649 494,131	20,186	19,724
55	33	93 187	31 357,809	617 318,711	19,686	19,225
56	34	92 581	30 543,054	585 960,902	19,185	18,723
57	35	91 913	29 728,009	555 417,848	18,683	18,222
58	36	91 183	28 913,699	525 689,839	18,181	17,720
59	37	90 371	28 094,325	496 776,140	17,682	17,221
60	38	89 494	27 276,109	468 681,814	17,183	16,721
61	39	88 543	26 457,269	441 405,706	16,684	16,222
62	40	87 518	25 638,200	414 948,437	16,185	15,723
63	41	86 398	24 813,826	389 310,237	15,689	15,228
64	42	85 204	23 991,056	364 496,411	15,193	14,731
65	43	83 918	23 165,603	340 505,355	14,699	14,237
66	44	82 554	22 342,246	317 339,753	14,204	13,742
67	45	81 122	21 524,146	294 997,506	13,705	13,244
68	46	79 577	20 700,196	273 473,360	13,211	12,750
69	47	77 989	19 889,456	252 773,164	12,709	12,247
70	48	76 270	19 069,720	232 883,708	12,212	11,751
71	49	74 442	18 247,701	213 813,989	11,717	11,256
72	50	72 495	17 421,933	195 566,287	11,225	10,764
73	51	70 460	16 600,917	178 144,354	10,731	10,269
74	52	68 315	15 779,944	161 543,437	10,237	9,776
75	53	66 041	14 955,386	145 763,493	9,747	9,285
76	54	63 619	14 124,447	130 808,107	9,261	8,800
77	55	61 040	13 286,141	116 683,660	8,782	8,321
78	56	58 328	12 446,877	103 397,519	8,307	7,845
79	57	55 429	11 596,414	90 950,641	7,843	7,381
80	58	52 322	10 731,674	79 354,227	7,394	6,933
81	59	49 039	9 861,173	68 622,553	6,959	6,497
82	60	45 555	8 980,996	58 761,380	6,543	6,081
83	61	41 922	8 102,624	49 780,384	6,144	5,682
84	62	38 152	7 229,425	41 677,760	5,765	5,303
85	63	34 306	6 373,090	34 448,335	5,405	4,944
86	64	30 416	5 539,647	28 075,245	5,068	4,606
87	65	26 570	4 744,362	22 535,598	4,750	4,288
88	66	22 852	4 000,447	17 791,236	4,447	3,986
89	67	19 310	3 314,172	13 790,789	4,161	3,700
90	68	16 017	2 694,995	10 476,617	3,887	3,426
91	69	13 007	2 145,598	7 781,622	3,627	3,165
92	70	10 258	1 659,020	5 636,024	3,397	2,936
93	71	7 861	1 246,406	3 977,005	3,191	2,729
94	72	5 865	911,637	2 730,598	2,995	2,534
95	73	4 199	639,961	1 818,961	2,842	2,381
96	74	2 952	441,079	1 179,001	2,673	2,211
97	75	1 995	292,163	737,922	2,526	2,064
98	76	1 295	185,999	445,758	2,397	1,935
99	77	809	113,875	259,760	2,281	1,819
100	78	485	67,012	145,884	2,177	1,715

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	62 911,386	2 099 275,634	33,369	32,907
24	1	98 856	61 460,621	2 036 364,248	33,133	32,671
25	2	98 785	60 212,468	1 974 903,627	32,799	32,337
26	3	98 726	58 996,402	1 914 691,159	32,454	31,993
27	4	98 667	57 805,317	1 855 694,757	32,102	31,641
28	5	98 606	56 636,823	1 797 889,440	31,744	31,283
29	6	98 548	55 493,534	1 741 252,617	31,378	30,916
30	7	98 485	54 370,694	1 685 759,082	31,005	30,543
31	8	98 423	53 271,266	1 631 388,388	30,624	30,163
32	9	98 350	52 187,551	1 578 117,122	30,239	29,778
33	10	98 274	51 125,115	1 525 929,571	29,847	29,385
34	11	98 199	50 084,104	1 474 804,456	29,447	28,985
35	12	98 112	49 058,867	1 424 720,353	29,041	28,579
36	13	98 017	48 050,429	1 375 661,485	28,630	28,168
37	14	97 922	47 062,431	1 327 611,056	28,210	27,748
38	15	97 820	46 091,569	1 280 548,625	27,783	27,321
39	16	97 705	45 134,741	1 234 457,056	27,350	26,889
40	17	97 585	44 195,216	1 189 322,314	26,911	26,449
41	18	97 448	43 267,856	1 145 127,098	26,466	26,004
42	19	97 299	42 354,654	1 101 859,243	26,015	25,553
43	20	97 135	41 454,295	1 059 504,589	25,558	25,097
44	21	96 958	40 567,396	1 018 050,293	25,095	24,634
45	22	96 768	39 693,971	977 482,897	24,625	24,164
46	23	96 554	38 829,383	937 788,925	24,152	23,690
47	24	96 322	37 976,610	898 959,542	23,671	23,210
48	25	96 066	37 133,124	860 982,932	23,186	22,725
49	26	95 781	36 296,874	823 849,808	22,698	22,236
50	27	95 461	35 466,286	787 552,933	22,206	21,744
51	28	95 104	34 640,986	752 086,647	21,711	21,249
52	29	94 713	33 822,188	717 445,661	21,212	20,751
53	30	94 270	33 003,725	683 623,473	20,714	20,252
54	31	93 772	32 185,694	650 619,748	20,215	19,753
55	32	93 219	31 368,695	618 434,054	19,715	19,253
56	33	92 614	30 553,933	587 065,359	19,214	18,752
57	34	91 949	29 739,640	556 511,426	18,713	18,251
58	35	91 220	28 925,341	526 771,785	18,211	17,750
59	36	90 413	28 107,504	497 846,444	17,712	17,251
60	37	89 535	27 288,668	469 738,941	17,214	16,752
61	38	88 595	26 472,773	442 450,273	16,713	16,252
62	39	87 570	25 653,482	415 977,500	16,215	15,754
63	40	86 457	24 830,679	390 324,019	15,719	15,258
64	41	85 269	24 009,371	365 493,340	15,223	14,761
65	42	83 988	23 184,842	341 483,968	14,729	14,267
66	43	82 628	22 362,371	318 299,127	14,234	13,772
67	44	81 205	21 546,124	295 936,756	13,735	13,273
68	45	79 665	20 723,240	274 390,632	13,241	12,779
69	46	78 088	19 914,742	253 667,392	12,738	12,276
70	47	76 380	19 097,096	233 752,650	12,240	11,779
71	48	74 562	18 276,937	214 655,554	11,745	11,283
72	49	72 627	17 453,549	196 378,617	11,252	10,790
73	50	70 599	16 633,697	178 925,068	10,757	10,295
74	51	68 467	15 814,875	162 291,371	10,262	9,800
75	52	66 203	14 992,197	146 476,496	9,770	9,309
76	53	63 793	14 163,157	131 484,299	9,284	8,822
77	54	61 224	13 326,248	117 321,142	8,804	8,342
78	55	58 521	12 488,256	103 994,894	8,327	7,866
79	56	55 630	11 638,533	91 506,638	7,862	7,401
80	57	52 531	10 774,689	79 868,105	7,413	6,951
81	58	49 256	9 904,859	69 093,416	6,976	6,514
82	59	45 776	9 024,584	59 188,557	6,559	6,097
83	60	42 149	8 146,543	50 163,972	6,158	5,696
84	61	38 367	7 270,102	42 017,430	5,779	5,318
85	62	34 515	6 412,054	34 747,328	5,419	4,957
86	63	30 617	5 576,364	28 335,274	5,081	4,620
87	64	26 765	4 779,190	22 758,910	4,762	4,300
88	65	23 037	4 032,758	17 979,721	4,458	3,997
89	66	19 481	3 343,378	13 946,963	4,172	3,710
90	67	16 174	2 721,377	10 603,585	3,896	3,435
91	68	13 141	2 167,741	7 882,208	3,636	3,175
92	69	10 374	1 677,764	5 714,467	3,406	2,944
93	70	7 958	1 261,779	4 036,703	3,199	2,738
94	71	5 944	924,010	2 774,924	3,003	2,542
95	72	4 261	649,317	1 850,914	2,851	2,389
96	73	2 999	448,015	1 201,597	2,682	2,220
97	74	2 029	297,249	753,581	2,535	2,074
98	75	1 320	189,614	456,333	2,407	1,945
99	76	827	116,416	266,718	2,291	1,829
100	77	498	68,691	150,302	2,188	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	61 649,507	2 037 759,094	33,054	32,592
25	1	98 808	60 226,383	1 976 109,587	32,811	32,350
26	2	98 737	59 003,428	1 915 883,204	32,471	32,009
27	3	98 679	57 812,205	1 856 879,776	32,119	31,658
28	4	98 615	56 641,974	1 799 067,571	31,762	31,300
29	5	98 555	55 497,696	1 742 425,597	31,396	30,935
30	6	98 491	54 374,273	1 686 927,901	31,024	30,563
31	7	98 428	53 273,893	1 632 553,628	30,645	30,183
32	8	98 356	52 190,782	1 579 279,735	30,260	29,798
33	9	98 281	51 128,423	1 527 088,953	29,868	29,406
34	10	98 205	50 087,071	1 475 960,530	29,468	29,006
35	11	98 120	49 062,522	1 425 873,459	29,062	28,601
36	12	98 025	48 054,231	1 376 810,937	28,651	28,190
37	13	97 930	47 066,466	1 328 756,706	28,231	27,770
38	14	97 830	46 096,406	1 281 690,240	27,805	27,343
39	15	97 717	45 140,389	1 235 593,834	27,372	26,911
40	16	97 599	44 201,453	1 190 453,445	26,932	26,471
41	17	97 462	43 274,192	1 146 251,992	26,488	26,027
42	18	97 319	42 363,281	1 102 977,801	26,036	25,575
43	19	97 154	41 462,299	1 060 614,519	25,580	25,119
44	20	96 976	40 574,910	1 019 152,221	25,118	24,656
45	21	96 784	39 700,544	978 577,311	24,649	24,187
46	22	96 570	38 836,104	938 876,767	24,175	23,714
47	23	96 343	37 984,852	900 040,663	23,695	23,233
48	24	96 082	37 139,422	862 055,811	23,211	22,750
49	25	95 798	36 303,643	824 916,389	22,723	22,261
50	26	95 479	35 473,188	788 612,746	22,231	21,770
51	27	95 125	34 648,554	753 139,557	21,737	21,275
52	28	94 737	33 830,625	718 491,003	21,238	20,776
53	29	94 294	33 012,268	684 660,378	20,740	20,278
54	30	93 800	32 195,254	651 648,110	20,241	19,779
55	31	93 249	31 378,711	619 452,856	19,741	19,280
56	32	92 646	30 564,540	588 074,145	19,240	18,779
57	33	91 981	29 750,233	557 509,605	18,740	18,278
58	34	91 255	28 936,659	527 759,372	18,238	17,777
59	35	90 450	28 118,821	498 822,713	17,740	17,278
60	36	89 577	27 301,468	470 703,892	17,241	16,779
61	37	88 636	26 484,962	443 402,424	16,742	16,280
62	38	87 622	25 668,515	416 917,462	16,242	15,781
63	39	86 508	24 845,479	391 248,948	15,747	15,286
64	40	85 327	24 025,678	366 403,468	15,250	14,789
65	41	84 052	23 202,542	342 377,791	14,756	14,294
66	42	82 697	22 380,943	319 175,249	14,261	13,799
67	43	81 278	21 565,532	296 794,306	13,762	13,301
68	44	79 747	20 744,400	275 228,775	13,268	12,806
69	45	78 175	19 936,911	254 484,375	12,764	12,303
70	46	76 477	19 121,375	234 547,464	12,266	11,805
71	47	74 669	18 303,175	215 426,089	11,770	11,308
72	48	72 743	17 481,512	197 122,913	11,276	10,814
73	49	70 728	16 663,883	179 641,401	10,780	10,319
74	50	68 602	15 846,103	162 977,519	10,285	9,823
75	51	66 350	15 025,384	147 131,416	9,792	9,331
76	52	63 950	14 198,017	132 106,032	9,305	8,843
77	53	61 392	13 362,770	117 908,014	8,824	8,362
78	54	58 698	12 525,955	104 545,244	8,346	7,885
79	55	55 815	11 677,224	92 019,289	7,880	7,419
80	56	52 722	10 813,823	80 342,065	7,430	6,968
81	57	49 454	9 944,561	69 528,242	6,992	6,530
82	58	45 979	9 064,564	59 583,681	6,573	6,112
83	59	42 354	8 186,081	50 519,117	6,171	5,710
84	60	38 575	7 309,508	42 333,036	5,792	5,330
85	61	34 710	6 448,132	35 023,528	5,432	4,970
86	62	30 804	5 610,457	28 575,396	5,093	4,632
87	63	26 943	4 810,866	22 964,939	4,774	4,312
88	64	23 206	4 062,362	18 154,073	4,469	4,007
89	65	19 638	3 370,382	14 091,711	4,181	3,719
90	66	16 316	2 745,359	10 721,330	3,905	3,444
91	67	13 269	2 188,962	7 975,971	3,644	3,182
92	68	10 481	1 695,079	5 787,009	3,414	2,952
93	69	8 048	1 276,035	4 091,930	3,207	2,745
94	70	6 018	935,406	2 815,895	3,010	2,549
95	71	4 318	658,129	1 880,488	2,857	2,396
96	72	3 042	454,565	1 222,359	2,689	2,227
97	73	2 061	301,923	767,793	2,543	2,081
98	74	1 343	192,915	465,870	2,415	1,953
99	75	843	118,679	272,955	2,300	1,838
100	76	509	70,224	154,276	2,197	1,735

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	60 411,476	1 977 398,675	32,732	32,271
26	1	98 760	59 017,065	1 916 987,200	32,482	32,020
27	2	98 691	57 819,090	1 857 970,135	32,134	31,673
28	3	98 627	56 648,723	1 800 151,046	31,777	31,316
29	4	98 564	55 502,743	1 743 502,323	31,413	30,951
30	5	98 499	54 378,351	1 687 999,580	31,042	30,580
31	6	98 435	53 277,400	1 633 621,228	30,663	30,201
32	7	98 360	52 193,355	1 580 343,829	30,279	29,817
33	8	98 287	51 131,589	1 528 150,474	29,887	29,425
34	9	98 211	50 090,313	1 477 018,885	29,487	29,026
35	10	98 125	49 065,429	1 426 928,572	29,082	28,621
36	11	98 033	48 057,810	1 377 863,143	28,671	28,209
37	12	97 938	47 070,190	1 329 805,333	28,252	27,790
38	13	97 839	46 100,358	1 282 735,143	27,825	27,363
39	14	97 728	45 145,126	1 236 634,785	27,392	26,931
40	15	97 611	44 206,983	1 191 489,659	26,953	26,491
41	16	97 476	43 280,299	1 147 282,676	26,508	26,047
42	17	97 333	42 369,485	1 104 002,377	26,057	25,595
43	18	97 174	41 470,744	1 061 632,892	25,600	25,138
44	19	96 995	40 582,743	1 020 162,149	25,138	24,676
45	20	96 802	39 707,897	979 579,406	24,670	24,208
46	21	96 586	38 842,534	939 871,509	24,197	23,735
47	22	96 359	37 991,427	901 028,974	23,717	23,255
48	23	96 103	37 147,482	863 037,548	23,233	22,771
49	24	95 815	36 309,800	825 890,065	22,746	22,284
50	25	95 497	35 479,804	789 580,265	22,254	21,793
51	26	95 143	34 655,297	754 100,461	21,760	21,298
52	27	94 758	33 838,016	719 445,164	21,261	20,800
53	28	94 318	33 020,503	685 607,147	20,763	20,301
54	29	93 824	32 203,587	652 586,644	20,264	19,803
55	30	93 277	31 388,031	620 383,057	19,765	19,303
56	31	92 676	30 574,300	588 995,025	19,264	18,803
57	32	92 013	29 760,561	558 420,726	18,764	18,302
58	33	91 288	28 946,965	528 660,165	18,263	17,801
59	34	90 485	28 129,823	499 713,199	17,765	17,303
60	35	89 613	27 312,461	471 583,376	17,266	16,805
61	36	88 678	26 497,385	444 270,916	16,767	16,305
62	37	87 662	25 680,333	417 773,531	16,268	15,807
63	38	86 559	24 860,039	392 093,197	15,772	15,310
64	39	85 378	24 039,998	367 233,159	15,276	14,814
65	40	84 109	23 218,300	343 193,160	14,781	14,320
66	41	82 760	22 398,029	319 974,860	14,286	13,824
67	42	81 345	21 583,442	297 576,831	13,787	13,326
68	43	79 819	20 763,085	275 993,389	13,293	12,831
69	44	78 255	19 957,268	255 230,304	12,789	12,327
70	45	76 562	19 142,661	235 273,036	12,291	11,829
71	46	74 764	18 326,445	216 130,375	11,793	11,332
72	47	72 847	17 506,609	197 803,930	11,299	10,837
73	48	70 841	16 690,580	180 297,321	10,802	10,341
74	49	68 726	15 874,859	163 606,741	10,306	9,844
75	50	66 481	15 055,053	147 731,882	9,813	9,351
76	51	64 092	14 229,447	132 676,829	9,324	8,862
77	52	61 543	13 395,661	118 447,382	8,842	8,381
78	53	58 859	12 560,284	105 051,721	8,364	7,902
79	54	55 984	11 712,475	92 491,437	7,897	7,435
80	55	52 897	10 849,773	80 778,963	7,445	6,984
81	56	49 633	9 980,680	69 929,190	7,006	6,545
82	57	46 163	9 100,897	59 948,510	6,587	6,125
83	58	42 541	8 222,347	50 847,613	6,184	5,722
84	59	38 762	7 344,984	42 625,266	5,803	5,342
85	60	34 898	6 483,082	35 280,283	5,442	4,980
86	61	30 978	5 642,025	28 797,201	5,104	4,642
87	62	27 107	4 840,279	23 155,176	4,784	4,322
88	63	23 359	4 089,287	18 314,897	4,479	4,017
89	64	19 782	3 395,123	14 225,610	4,190	3,728
90	65	16 448	2 767,533	10 830,486	3,913	3,452
91	66	13 386	2 208,252	8 062,953	3,651	3,190
92	67	10 584	1 711,673	5 854,702	3,420	2,959
93	68	8 131	1 289,204	4 143,029	3,214	2,752
94	69	6 085	945,975	2 853,825	3,017	2,555
95	70	4 372	666,247	1 907,850	2,864	2,402
96	71	3 084	460,735	1 241,603	2,695	2,233
97	72	2 091	306,337	780,868	2,549	2,087
98	73	1 364	195,949	474,531	2,422	1,960
99	74	858	120,745	278,583	2,307	1,846
100	75	519	71,589	157,838	2,205	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 607 787,044	36,078	35,616
1	1	99 340	97 154,075	3 507 787,044	36,105	35,643
2	2	99 290	94 968,379	3 410 632,969	35,913	35,451
3	3	99 263	92 853,066	3 315 664,590	35,709	35,247
4	4	99 238	90 787,336	3 222 811,524	35,498	35,036
5	5	99 218	88 771,200	3 132 024,188	35,282	34,820
6	6	99 201	86 803,107	3 043 252,989	35,059	34,597
7	7	99 184	84 878,623	2 956 449,881	34,832	34,369
8	8	99 171	82 999,797	2 871 571,258	34,597	34,135
9	9	99 157	81 161,758	2 788 571,461	34,358	33,896
10	10	99 142	79 364,284	2 707 409,703	34,114	33,652
11	11	99 129	77 607,313	2 628 045,419	33,863	33,401
12	12	99 112	75 887,142	2 550 438,105	33,608	33,146
13	13	99 097	74 205,567	2 474 550,963	33,347	32,885
14	14	99 079	72 559,521	2 400 345,396	33,081	32,619
15	15	99 056	70 946,841	2 327 785,875	32,810	32,348
16	16	99 029	69 366,556	2 256 839,034	32,535	32,073
17	17	98 990	67 813,109	2 187 472,478	32,257	31,795
18	18	98 946	66 291,735	2 119 659,369	31,975	31,513
19	19	98 888	64 794,942	2 053 367,634	31,690	31,228
20	20	98 828	63 330,449	1 988 572,692	31,400	30,938
21	21	98 765	61 897,488	1 925 242,243	31,104	30,642
22	22	98 704	60 498,352	1 863 344,755	30,800	30,338
23	23	98 643	59 130,173	1 802 846,403	30,489	30,027
24	24	98 576	57 789,922	1 743 716,230	30,173	29,711
25	25	98 512	56 481,361	1 685 926,308	29,849	29,387
26	26	98 446	55 201,623	1 629 444,947	29,518	29,056
27	27	98 380	53 950,837	1 574 243,324	29,179	28,717
28	28	98 307	52 724,293	1 520 292,487	28,835	28,373
29	29	98 232	51 524,687	1 467 568,194	28,483	28,021
30	30	98 150	50 349,006	1 416 043,507	28,125	27,663
31	31	98 064	49 198,100	1 365 694,501	27,759	27,297
32	32	97 966	48 067,034	1 316 496,401	27,389	26,927
33	33	97 863	46 960,090	1 268 429,367	27,011	26,549
34	34	97 759	45 877,787	1 221 469,277	26,624	26,162
35	35	97 642	44 814,585	1 175 591,491	26,232	25,770
36	36	97 516	43 771,912	1 130 776,905	25,833	25,371
37	37	97 384	42 750,680	1 087 004,993	25,427	24,965
38	38	97 248	41 751,557	1 044 254,313	25,011	24,549
39	39	97 089	40 766,075	1 002 502,757	24,592	24,130
40	40	96 925	39 801,786	961 736,681	24,163	23,701
41	41	96 737	38 850,648	921 934,895	23,730	23,268
42	42	96 536	37 916,470	883 084,248	23,290	22,828
43	43	96 312	36 996,144	845 167,777	22,845	22,383
44	44	96 067	36 090,286	808 171,633	22,393	21,931
45	45	95 797	35 196,808	772 081,347	21,936	21,474
46	46	95 495	34 313,740	736 884,539	21,475	21,013
47	47	95 165	33 442,834	702 570,799	21,008	20,546
48	48	94 793	32 578,857	669 127,965	20,539	20,077
49	49	94 378	31 722,410	636 549,109	20,066	19,604
50	50	93 910	30 870,710	604 826,698	19,592	19,130
51	51	93 395	30 025,910	573 955,989	19,115	18,653
52	52	92 829	29 187,204	543 930,079	18,636	18,174
53	53	92 192	28 348,845	514 742,875	18,157	17,695
54	54	91 481	27 511,388	486 394,030	17,680	17,218
55	55	90 697	26 675,499	458 882,642	17,202	16,740
56	56	89 841	25 842,197	432 207,143	16,725	16,263
57	57	88 905	25 010,077	406 364,946	16,248	15,786
58	58	87 882	24 178,383	381 354,869	15,773	15,311
59	59	86 756	23 343,341	357 176,485	15,301	14,839
60	60	85 538	22 509,242	333 833,144	14,831	14,369
61	61	84 223	21 675,400	311 323,902	14,363	13,901
62	62	82 831	20 848,198	289 648,503	13,893	13,431
63	63	81 330	20 019,782	268 800,305	13,427	12,965
64	64	79 738	19 196,154	248 780,522	12,960	12,498
65	65	78 027	18 370,857	229 584,368	12,497	12,035
66	66	76 212	17 548,777	211 213,511	12,036	11,574
67	67	74 312	16 734,611	193 664,734	11,573	11,111
68	68	72 270	15 916,715	176 930,123	11,116	10,654
69	69	70 194	15 119,293	161 013,409	10,650	10,188
70	70	67 978	14 319,684	145 894,116	10,188	9,726
71	71	65 645	13 524,015	131 574,432	9,729	9,267
72	72	63 186	12 731,027	118 050,417	9,273	8,811
73	73	60 647	11 950,590	105 319,390	8,813	8,351
74	74	58 019	11 181,066	93 368,800	8,351	7,889
75	75	55 263	10 415,629	82 187,734	7,891	7,429
76	76	52 364	9 652,146	71 772,106	7,436	6,974
77	77	49 293	8 886,142	62 119,959	6,991	6,529
78	78	46 104	8 128,338	53 233,817	6,549	6,087
79	79	42 737	7 368,819	45 105,479	6,121	5,659
80	80	39 169	6 605,059	37 736,660	5,713	5,251
81	81	35 458	5 847,703	31 131,601	5,324	4,862
82	82	31 640	5 103,289	25 283,898	4,954	4,492
83	83	27 801	4 385,341	20 180,609	4,602	4,140
84	84	23 966	3 697,159	15 795,268	4,272	3,810
85	85	20 224	3 051,246	12 098,109	3,965	3,503
86	86	16 656	2 457,608	9 046,864	3,681	3,219
87	87	13 353	1 927,010	6 589,255	3,419	2,957
88	88	10 406	1 468,632	4 662,245	3,175	2,713
89	89	7 852	1 083,817	3 193,612	2,947	2,485
90	90	5 716	771,556	2 109,795	2,734	2,272
91	91	3 996	527,503	1 338,239	2,537	2,075
92	92	2 654	342,622	810,736	2,366	1,904
93	93	1 672	211,191	468,114	2,217	1,755
94	94	1 000	123,509	256,923	2,080	1,618
95	95	556	67,117	133,414	1,988	1,526
96	96	298	35,199	66,297	1,884	1,421
97	97	150	17,286	31,098	1,799	1,337
98	98	72	8,091	13,812	1,707	1,245
99	99	32	3,512	5,722	1,629	1,167
100	100	13	1,415	2,209	1,562	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	3 599 698,715	36,108	35,646	50	51	93 725	30 809,874	597 911,866	19,407	18,944
1	2	99 317	97 131,627	3 500 005,101	36,034	35,572	51	52	93 189	29 959,589	567 101,992	18,929	18,467
2	3	99 278	94 957,070	3 402 873,474	35,836	35,374	52	53	92 601	29 115,540	537 142,403	18,449	17,987
3	4	99 251	92 842,004	3 307 916,404	35,630	35,168	53	54	91 940	28 271,364	508 026,862	17,970	17,508
4	5	99 229	90 779,080	3 215 074,400	35,416	34,954	54	55	91 206	27 428,589	479 755,498	17,491	17,029
5	6	99 210	88 764,542	3 124 295,320	35,198	34,736	55	56	90 397	26 587,112	452 326,910	17,013	16,551
6	7	99 194	86 797,394	3 035 530,778	34,973	34,511	56	57	89 516	25 748,677	425 739,797	16,534	16,072
7	8	99 179	84 874,439	2 948 733,384	34,742	34,280	57	58	88 550	24 910,230	399 991,120	16,057	15,595
8	9	99 165	82 994,659	2 863 858,945	34,507	34,045	58	59	87 494	24 071,743	375 080,890	15,582	15,120
9	10	99 150	81 156,506	2 780 864,286	34,265	33,803	59	60	86 337	23 230,592	351 009,146	15,110	14,648
10	11	99 136	79 359,581	2 699 707,780	34,019	33,557	60	61	85 077	22 387,894	327 778,554	14,641	14,179
11	12	99 121	77 601,533	2 620 348,199	33,767	33,305	61	62	83 752	21 554,124	305 390,660	14,169	13,707
12	13	99 105	75 881,138	2 542 746,666	33,510	33,048	62	63	82 328	20 721,511	283 836,537	13,698	13,236
13	14	99 088	74 199,206	2 466 865,527	33,247	32,785	63	64	80 794	19 887,964	263 115,025	13,230	12,768
14	15	99 068	72 551,907	2 392 666,321	32,979	32,517	64	65	79 157	19 056,265	243 227,062	12,764	12,302
15	16	99 044	70 937,965	2 320 114,414	32,706	32,244	65	66	77 402	18 223,667	224 170,797	12,301	11,839
16	17	99 015	69 356,768	2 249 176,449	32,429	31,967	66	67	75 547	17 395,481	205 947,130	11,839	11,377
17	18	98 975	67 803,180	2 179 819,681	32,149	31,687	67	68	73 591	16 572,379	188 551,649	11,377	10,915
18	19	98 926	66 278,235	2 112 016,501	31,866	31,404	68	69	71 532	15 754,129	171 979,270	10,916	10,454
19	20	98 869	64 782,435	2 045 738,265	31,579	31,117	69	70	69 410	14 950,377	156 225,141	10,450	9,988
20	21	98 809	63 318,722	1 980 955,831	31,285	30,823	70	71	67 149	14 145,220	141 274,764	9,987	9,525
21	22	98 749	61 887,241	1 917 637,109	30,986	30,524	71	72	64 766	13 342,924	127 129,545	9,528	9,066
22	23	98 687	60 487,883	1 855 749,868	30,680	30,218	72	73	62 276	12 547,582	113 786,621	9,068	8,606
23	24	98 621	59 117,343	1 795 261,985	30,368	29,906	73	74	59 708	11 765,562	101 239,039	8,605	8,143
24	25	98 559	57 780,123	1 736 144,642	30,047	29,585	74	75	57 026	10 989,775	89 473,477	8,142	7,680
25	26	98 493	56 470,829	1 678 364,520	29,721	29,259	75	76	54 209	10 217,028	78 483,702	7,682	7,220
26	27	98 427	55 190,882	1 621 893,690	29,387	28,925	76	77	51 221	9 441,478	68 266,674	7,231	6,768
27	28	98 359	53 939,053	1 566 702,808	29,046	28,584	77	78	48 088	8 668,859	58 825,196	6,786	6,324
28	29	98 282	52 711,144	1 512 763,755	28,699	28,237	78	79	44 809	7 899,930	50 156,337	6,349	5,887
29	30	98 206	51 511,354	1 460 052,612	28,344	27,882	79	80	41 330	7 126,214	42 256,407	5,930	5,468
30	31	98 121	50 334,056	1 408 541,258	27,984	27,522	80	81	37 665	6 351,372	35 130,193	5,531	5,069
31	32	98 033	49 182,396	1 358 207,202	27,616	27,154	81	82	33 896	5 590,038	28 778,821	5,148	4,686
32	33	97 932	48 050,352	1 309 024,806	27,243	26,781	82	83	30 048	4 846,382	23 188,784	4,785	4,323
33	34	97 828	46 943,370	1 260 974,453	26,862	26,400	83	84	26 186	4 130,632	18 342,402	4,441	3,979
34	35	97 720	45 859,843	1 214 031,084	26,473	26,011	84	85	22 355	3 448,632	14 211,770	4,121	3,659
35	36	97 602	44 796,548	1 168 171,241	26,077	25,615	85	86	18 662	2 815,624	10 763,137	3,823	3,361
36	37	97 470	43 751,390	1 123 374,692	25,676	25,214	86	87	15 175	2 239,108	7 947,513	3,549	3,087
37	38	97 339	42 731,005	1 079 623,303	25,266	24,804	87	88	12 002	1 732,016	5 708,405	3,296	2,834
38	39	97 191	41 727,105	1 036 892,298	24,849	24,387	88	89	9 211	1 299,997	3 976,389	3,059	2,597
39	40	97 031	40 741,791	995 165,193	24,426	23,964	89	90	6 824	941,926	2 676,392	2,841	2,379
40	41	96 859	39 774,772	954 423,402	23,996	23,534	90	91	4 870	657,414	1 734,466	2,638	2,176
41	42	96 664	38 821,010	914 648,630	23,561	23,099	91	92	3 327	439,234	1 077,052	2,452	1,990
42	43	96 455	37 885,007	875 827,620	23,118	22,656	92	93	2 156	278,360	637,818	2,291	1,829
43	44	96 225	36 962,850	837 942,613	22,670	22,208	93	94	1 323	167,010	359,458	2,152	1,690
44	45	95 969	36 053,473	800 979,763	22,216	21,754	94	95	765	94,463	192,448	2,037	1,575
45	46	95 691	35 157,671	764 926,290	21,757	21,295	95	96	417	50,403	97,985	1,944	1,482
46	47	95 374	34 270,171	729 768,619	21,295	20,833	96	97	218	25,713	47,582	1,850	1,388
47	48	95 029	33 394,892	695 498,449	20,826	20,364	97	98	108	12,497	21,869	1,750	1,288
48	49	94 641	32 526,745	662 103,557	20,356	19,894	98	99	50	5,625	9,372	1,666	1,204
49	50	94 207	31 664,947	629 576,812	19,882	19,420	99	100	21	2,351	3,747	1,594	1,132

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	3 591 324,218	36,032	35,570	50	52	93 518	30 741,822	590 487,500	19,208	18,746
1	3	99 305	97 120,060	3 491 653,639	35,952	35,490	51	53	92 960	29 886,029	559 745,678	18,729	18,267
2	4	99 266	94 945,757	3 394 533,579	35,752	35,290	52	54	92 348	29 035,963	529 859,649	18,248	17,786
3	5	99 242	92 833,562	3 299 587,821	35,543	35,081	53	55	91 663	28 186,277	500 823,685	17,768	17,306
4	6	99 222	90 772,272	3 206 754,260	35,327	34,865	54	56	90 904	27 337,707	472 637,408	17,289	16,827
5	7	99 204	88 758,699	3 115 981,987	35,106	34,644	55	57	90 070	26 490,897	445 299,700	16,810	16,348
6	8	99 189	86 793,115	3 027 223,288	34,879	34,417	56	58	89 159	25 645,882	418 808,804	16,330	15,868
7	9	99 173	84 869,184	2 940 430,173	34,647	34,185	57	59	88 159	24 800,362	393 162,922	15,853	15,391
8	10	99 158	82 989,288	2 855 560,989	34,409	33,947	58	60	87 072	23 955,477	368 362,560	15,377	14,915
9	11	99 144	81 151,698	2 772 571,701	34,165	33,703	59	61	85 871	23 105,356	344 407,084	14,906	14,444
10	12	99 129	79 353,670	2 691 420,003	33,917	33,455	60	62	84 601	22 262,631	321 301,728	14,432	13,970
11	13	99 113	77 595,393	2 612 066,333	33,663	33,201	61	63	83 243	21 423,147	299 039,096	13,959	13,497
12	14	99 096	75 874,634	2 534 470,939	33,403	32,941	62	64	81 786	20 585,072	277 615,949	13,486	13,024
13	15	99 078	74 191,420	2 458 596,306	33,139	32,677	63	65	80 205	19 743,033	257 030,877	13,019	12,557
14	16	99 056	72 542,831	2 384 404,885	32,869	32,407	64	66	78 523	18 903,583	237 287,844	12,553	12,091
15	17	99 030	70 927,956	2 311 862,054	32,595	32,132	65	67	76 726	18 064,475	218 384,261	12,089	11,627
16	18	99 001	69 346,613	2 240 934,099	32,315	31,853	66	68	74 814	17 226,842	200 319,786	11,628	11,166
17	19	98 955	67 789,372	2 171 587,486	32,034	31,572	67	69	72 840	16 403,096	183 092,943	11,162	10,700
18	20	98 907	66 265,442	2 103 798,114	31,748	31,286	68	70	70 733	15 578,121	166 689,848	10,700	10,238
19	21	98 851	64 770,439	2 037 532,672	31,458	30,996	69	71	68 564	14 768,229	151 111,727	10,232	9,770
20	22	98 793	63 308,239	1 972 762,233	31,161	30,699	70	72	66 250	13 955,810	136 343,498	9,770	9,308
21	23	98 731	61 876,532	1 909 453,993	30,859	30,397	71	73	63 833	13 150,661	122 387,688	9,307	8,845
22	24	98 666	60 474,758	1 847 577,462	30,551	30,089	72	74	61 312	12 353,311	109 237,027	8,843	8,381
23	25	98 605	59 107,318	1 787 102,704	30,235	29,773	73	75	58 687	11 564,271	96 883,717	8,378	7,916
24	26	98 541	57 769,349	1 727 995,386	29,912	29,450	74	76	55 939	10 780,228	85 319,445	7,914	7,452
25	27	98 474	56 459,842	1 670 226,037	29,583	29,121	75	77	53 026	9 994,031	74 539,218	7,458	6,996
26	28	98 405	55 178,827	1 613 766,195	29,246	28,784	76	78	49 969	9 210,616	64 545,187	7,008	6,546
27	29	98 334	53 925,601	1 558 587,369	28,903	28,441	77	79	46 737	8 425,262	55 334,571	6,568	6,106
28	30	98 257	52 697,503	1 504 661,768	28,553	28,091	78	80	43 333	7 639,838	46 909,309	6,140	5,678
29	31	98 177	51 496,058	1 451 964,264	28,196	27,734	79	81	39 742	6 852,510	39 269,471	5,731	5,269
30	32	98 090	50 317,989	1 400 468,206	27,832	27,370	80	82	36 005	6 071,514	32 416,961	5,339	4,877
31	33	97 999	49 165,328	1 350 150,217	27,461	26,999	81	83	32 189	5 308,626	26 345,446	4,963	4,501
32	34	97 897	48 033,244	1 300 984,889	27,085	26,623	82	84	28 302	4 564,895	21 036,820	4,608	4,146
33	35	97 790	46 925,009	1 252 951,645	26,701	26,239	83	85	24 426	3 852,967	16 471,925	4,275	3,813
34	36	97 681	45 841,385	1 206 026,636	26,309	25,847	84	86	20 628	3 182,325	12 618,958	3,965	3,503
35	37	97 557	44 775,545	1 160 185,250	25,911	25,449	85	87	17 003	2 565,294	9 436,634	3,679	3,217
36	38	97 425	43 731,254	1 115 409,705	25,506	25,044	86	88	13 639	2 012,533	6 871,340	3,414	2,952
37	39	97 282	42 705,979	1 071 678,450	25,094	24,632	87	89	10 624	1 533,137	4 858,807	3,169	2,707
38	40	97 133	41 702,248	1 028 972,471	24,674	24,212	88	90	8 005	1 129,804	3 325,670	2,944	2,482
39	41	96 965	40 714,140	987 270,224	24,249	23,787	89	91	5 815	802,580	2 195,866	2,736	2,274
40	42	96 785	39 744,430	946 556,084	23,816	23,354	90	92	4 055	547,406	1 393,286	2,545	2,083
41	43	96 583	38 788,796	906 811,654	23,378	22,916	91	93	2 703	356,852	845,880	2,370	1,908
42	44	96 369	37 850,913	868 022,859	22,933	22,471	92	94	1 705	220,128	489,029	2,222	1,760
43	45	96 127	36 925,146	830 171,946	22,483	22,021	93	95	1 012	127,734	268,901	2,105	1,643
44	46	95 863	36 013,383	793 246,799	22,026	21,564	94	96	574	70,938	141,167	1,990	1,528
45	47	95 569	35 113,030	757 233,416	21,566	21,104	95	97	305	36,820	70,229	1,907	1,445
46	48	95 237	34 221,043	722 120,386	21,102	20,640	96	98	157	18,589	33,409	1,797	1,335
47	49	94 877	33 341,474	687 899,343	20,632	20,170	97	99	75	8,689	14,819	1,706	1,244
48	50	94 470	32 467,824	654 557,869	20,160	19,698	98	100	33	3,766	6,131	1,628	1,166
49	51	94 021	31 602,545	622 090,045	19,685	19,223							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	3 582 356,820	35,946	35,484
1	4	99 293	97 108,490	3 482 698,109	35,864	35,402
2	5	99 257	94 937,124	3 385 589,620	35,661	35,199
3	6	99 234	92 826,600	3 290 652,496	35,449	34,987
4	7	99 215	90 766,297	3 197 825,896	35,231	34,769
5	8	99 199	88 754,324	3 107 059,599	35,007	34,545
6	9	99 183	86 787,741	3 018 305,276	34,778	34,316
7	10	99 167	84 863,693	2 931 517,534	34,544	34,082
8	11	99 152	82 984,371	2 846 653,841	34,303	33,841
9	12	99 137	81 145,653	2 763 669,471	34,058	33,596
10	13	99 121	79 347,392	2 682 523,817	33,807	33,345
11	14	99 105	77 588,742	2 603 176,425	33,551	33,089
12	15	99 086	75 866,672	2 525 587,683	33,290	32,828
13	16	99 066	74 182,139	2 449 721,011	33,023	32,561
14	17	99 042	72 532,595	2 375 538,873	32,751	32,289
15	18	99 016	70 917,570	2 303 006,278	32,474	32,012
16	19	98 981	69 332,491	2 232 088,707	32,194	31,732
17	20	98 936	67 776,287	2 162 756,216	31,910	31,448
18	21	98 889	66 253,172	2 094 979,929	31,621	31,159
19	22	98 834	64 759,716	2 028 726,757	31,327	30,865
20	23	98 776	63 297,284	1 963 967,041	31,028	30,566
21	24	98 710	61 863,105	1 900 669,757	30,724	30,262
22	25	98 649	60 464,503	1 838 806,652	30,411	29,949
23	26	98 586	59 096,297	1 778 342,149	30,092	29,630
24	27	98 522	57 758,109	1 719 245,852	29,766	29,304
25	28	98 453	56 447,509	1 661 487,743	29,434	28,972
26	29	98 381	55 165,065	1 605 040,234	29,095	28,633
27	30	98 309	53 911,646	1 549 875,169	28,748	28,286
28	31	98 228	52 681,855	1 495 963,523	28,396	27,934
29	32	98 146	51 479,621	1 443 281,667	28,036	27,574
30	33	98 056	50 300,527	1 391 802,046	27,670	27,208
31	34	97 964	49 147,823	1 341 501,520	27,295	26,833
32	35	97 858	48 014,458	1 292 353,697	26,916	26,454
33	36	97 750	46 906,123	1 244 339,239	26,528	26,066
34	37	97 635	45 819,893	1 197 433,117	26,133	25,671
35	38	97 512	44 754,939	1 151 613,224	25,732	25,270
36	39	97 368	43 705,643	1 106 858,285	25,325	24,863
37	40	97 224	42 680,539	1 063 152,643	24,910	24,448
38	41	97 067	41 673,944	1 020 472,104	24,487	24,025
39	42	96 891	40 683,080	978 798,159	24,059	23,597
40	43	96 705	39 711,449	938 115,079	23,623	23,161
41	44	96 496	38 753,889	898 403,629	23,182	22,720
42	45	96 270	37 812,303	859 649,741	22,735	22,273
43	46	96 020	36 884,087	821 837,437	22,282	21,820
44	47	95 741	35 967,656	784 953,350	21,824	21,362
45	48	95 432	35 062,694	748 985,694	21,361	20,899
46	49	95 085	34 166,304	713 923,000	20,896	20,434
47	50	94 705	33 281,078	679 756,697	20,425	19,963
48	51	94 283	32 403,841	646 475,619	19,951	19,489
49	52	93 813	31 532,742	614 071,778	19,474	19,012
50	53	93 288	30 666,341	582 539,036	18,996	18,534
51	54	92 706	29 804,347	551 872,694	18,517	18,055
52	55	92 070	28 948,576	522 068,348	18,034	17,572
53	56	91 359	28 092,885	493 119,772	17,553	17,091
54	57	90 575	27 238,775	465 026,887	17,072	16,610
55	58	89 710	26 385,138	437 788,111	16,592	16,130
56	59	88 765	25 532,769	411 402,974	16,113	15,651
57	60	87 733	24 680,576	385 870,205	15,635	15,173
58	61	86 602	23 826,332	361 189,629	15,159	14,697
59	62	85 391	22 976,079	337 363,296	14,683	14,221
60	63	84 087	22 127,349	314 387,218	14,208	13,746
61	64	82 694	21 282,088	292 259,868	13,733	13,271
62	65	81 190	20 435,062	270 977,780	13,260	12,798
63	66	79 563	19 584,849	250 542,718	12,793	12,331
64	67	77 837	18 738,452	230 957,870	12,325	11,863
65	68	75 982	17 889,351	212 219,417	11,863	11,401
66	69	74 050	17 050,874	194 330,067	11,397	10,935
67	70	72 026	16 219,837	177 279,193	10,930	10,468
68	71	69 871	15 388,324	161 059,356	10,466	10,004
69	72	67 646	14 570,477	145 671,031	9,998	9,536
70	73	65 296	13 754,716	131 100,555	9,531	9,069
71	74	62 844	12 947,053	117 345,838	9,064	8,602
72	75	60 263	12 141,965	104 398,786	8,598	8,136
73	76	57 568	11 343,769	92 256,821	8,133	7,671
74	77	54 718	10 544,937	80 913,051	7,673	7,211
75	78	51 729	9 749,658	70 368,114	7,217	6,755
76	79	48 565	8 951,795	60 618,456	6,772	6,310
77	80	45 198	8 147,875	51 666,661	6,341	5,879
78	81	41 669	7 346,407	43 518,786	5,924	5,462
79	82	37 991	6 550,571	36 172,378	5,522	5,060
80	83	34 192	5 765,865	29 621,808	5,137	4,675
81	84	30 320	5 000,291	23 855,943	4,771	4,309
82	85	26 400	4 258,038	18 855,651	4,428	3,966
83	86	22 540	3 555,436	14 597,613	4,106	3,644
84	87	18 794	2 899,391	11 042,177	3,808	3,346
85	88	15 282	2 305,712	8 142,786	3,532	3,070
86	89	12 073	1 781,443	5 837,074	3,277	2,815
87	90	9 233	1 332,422	4 055,631	3,044	2,582
88	91	6 821	962,664	2 723,209	2,829	2,367
89	92	4 842	668,281	1 760,545	2,634	2,172
90	93	3 295	444,735	1 092,265	2,456	1,994
91	94	2 138	282,199	647,529	2,295	1,833
92	95	1 304	168,360	365,331	2,170	1,708
93	96	760	95,924	196,971	2,053	1,591
94	97	420	51,822	101,047	1,950	1,488
95	98	220	26,619	49,225	1,849	1,387
96	99	109	12,925	22,607	1,749	1,287
97	100	50	5,817	9,682	1,664	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	3 572 763,884	35,854	35,392
1	5	99 284	97 099,659	3 473 117,047	35,769	35,307
2	6	99 250	94 930,004	3 376 017,387	35,563	35,101
3	7	99 228	92 820,489	3 281 087,383	35,349	34,887
4	8	99 210	90 761,823	3 188 266,894	35,128	34,666
5	9	99 193	88 748,829	3 097 505,071	34,902	34,440
6	10	99 177	86 782,126	3 008 756,242	34,670	34,208
7	11	99 161	84 858,664	2 921 974,117	34,433	33,971
8	12	99 145	82 978,190	2 837 115,453	34,191	33,729
9	13	99 129	81 139,233	2 754 137,263	33,943	33,481
10	14	99 113	79 340,591	2 672 998,029	33,690	33,228
11	15	99 095	77 580,600	2 593 657,439	33,432	32,970
12	16	99 073	75 857,181	2 516 076,839	33,169	32,707
13	17	99 052	74 171,671	2 440 219,658	32,900	32,438
14	18	99 028	72 521,975	2 366 047,986	32,625	32,163
15	19	98 995	70 903,129	2 293 526,012	32,347	31,885
16	20	98 961	69 319,108	2 222 622,883	32,064	31,602
17	21	98 918	67 763,737	2 153 303,775	31,777	31,315
18	22	98 872	66 242,203	2 085 540,038	31,484	31,022
19	23	98 817	64 748,509	2 019 297,834	31,187	30,725
20	24	98 755	63 283,550	1 954 549,325	30,886	30,424
21	25	98 693	61 852,615	1 891 265,775	30,577	30,115
22	26	98 631	60 453,229	1 829 413,160	30,262	29,800
23	27	98 567	59 084,798	1 768 959,931	29,939	29,477
24	28	98 500	57 745,492	1 709 875,133	29,611	29,149
25	29	98 428	56 433,432	1 652 129,640	29,276	28,814
26	30	98 355	55 150,790	1 595 696,209	28,933	28,471
27	31	98 280	53 895,638	1 540 545,419	28,584	28,122
28	32	98 196	52 665,040	1 486 649,781	28,228	27,766
29	33	98 112	51 461,755	1 433 984,742	27,865	27,403
30	34	98 021	50 282,617	1 382 522,986	27,495	27,033
31	35	97 926	49 128,600	1 332 240,369	27,117	26,655
32	36	97 819	47 995,133	1 283 111,769	26,734	26,272
33	37	97 705	46 884,131	1 235 116,636	26,344	25,882
34	38	97 590	45 798,805	1 188 232,505	25,945	25,483
35	39	97 455	44 728,727	1 142 433,700	25,541	25,079
36	40	97 310	43 679,607	1 097 704,973	25,131	24,669
37	41	97 158	42 651,572	1 054 025,366	24,712	24,250
38	42	96 993	41 642,153	1 011 373,794	24,287	23,825
39	43	96 811	40 649,321	969 731,641	23,856	23,394
40	44	96 618	39 675,712	929 082,320	23,417	22,955
41	45	96 398	38 714,358	889 406,608	22,974	22,512
42	46	96 163	37 770,258	850 692,250	22,523	22,061
43	47	95 898	36 837,254	812 921,992	22,068	21,606
44	48	95 604	35 916,094	776 084,738	21,608	21,146
45	49	95 279	35 006,609	740 168,643	21,144	20,682
46	50	94 912	34 104,413	705 162,035	20,677	20,215
47	51	94 518	33 215,492	671 057,621	20,203	19,741
48	52	94 075	32 332,268	637 842,129	19,728	19,266
49	53	93 583	31 455,320	605 509,861	19,250	18,788
50	54	93 033	30 582,526	574 054,541	18,771	18,309
51	55	92 427	29 714,646	543 472,016	18,290	17,828
52	56	91 765	28 852,658	513 757,369	17,806	17,344
53	57	91 029	27 991,220	484 904,711	17,323	16,861
54	58	90 213	27 130,030	456 913,491	16,842	16,380
55	59	89 315	26 268,765	429 783,461	16,361	15,899
56	60	88 337	25 409,446	403 514,696	15,880	15,418
57	61	87 260	24 547,522	378 105,250	15,403	14,941
58	62	86 118	23 693,021	353 557,728	14,922	14,460
59	63	84 872	22 836,462	329 864,707	14,445	13,983
60	64	83 533	21 981,654	307 028,245	13,967	13,505
61	65	82 092	21 126,998	285 046,591	13,492	13,030
62	66	80 539	20 271,333	263 919,593	13,019	12,557
63	67	78 868	19 413,767	243 648,260	12,550	12,088
64	68	77 082	18 556,794	224 234,494	12,084	11,622
65	69	75 206	17 706,615	205 677,699	11,616	11,154
66	70	73 223	16 860,378	187 971,084	11,149	10,687
67	71	71 148	16 022,222	171 110,706	10,680	10,218
68	72	68 935	15 182,269	155 088,484	10,215	9,753
69	73	66 671	14 360,526	139 906,215	9,742	9,280
70	74	64 285	13 541,755	125 545,689	9,271	8,809
71	75	61 769	12 725,549	112 003,934	8,802	8,339
72	76	59 114	11 910,448	99 278,384	8,335	7,873
73	77	56 311	11 096,179	87 367,937	7,874	7,412
74	78	53 380	10 287,094	76 271,757	7,414	6,952
75	79	50 276	9 475,690	65 984,663	6,964	6,502
76	80	46 966	8 657,073	56 508,973	6,527	6,065
77	81	43 462	7 834,932	47 851,901	6,108	5,645
78	82	39 833	7 022,706	40 016,969	5,698	5,236
79	83	36 079	6 220,805	32 994,263	5,304	4,842
80	84	32 206	5 430,972	26 773,458	4,930	4,468
81	85	28 282	4 664,167	21 342,486	4,576	4,114
82	86	24 361	3 929,227	16 678,319	4,245	3,783
83	87	20 536	3 239,330	12 749,092	3,936	3,474
84	88	16 892	2 606,002	9 509,762	3,649	3,187
85	89	13 527	2 040,958	6 903,760	3,383	2,921
86	90	10 492	1 548,220	4 862,802	3,141	2,679
87	91	7 867	1 135,307	3 314,582	2,920	2,458
88	92	5 680	801,577	2 179,274	2,719	2,257
89	93	3 934	542,939	1 377,698	2,537	2,075
90	94	2 605	351,697	834,759	2,374	1,911
91	95	1 635	215,833	483,061	2,238	1,776
92	96	979	126,433	267,228	2,114	1,652
93	97	555	70,074	140,795	2,009	1,547
94	98	303	37,464	70,721	1,888	1,426
95	99	153	18,507	33,257	1,797	1,335
96	100	73	8,653	14,750	1,705	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	3 562 526,277	35,755	35,293
1	6	99 277	97 092,378	3 462 888,501	35,666	35,204
2	7	99 243	94 923,755	3 365 796,124	35,458	34,996
3	8	99 223	92 815,914	3 270 872,368	35,240	34,778
4	9	99 204	90 756,203	3 178 056,455	35,018	34,555
5	10	99 186	88 743,086	3 087 300,251	34,789	34,327
6	11	99 171	86 776,983	2 998 557,165	34,555	34,093
7	12	99 153	84 852,344	2 911 780,182	34,316	33,854
8	13	99 137	82 971,625	2 826 927,838	34,071	33,609
9	14	99 121	81 132,278	2 743 956,213	33,821	33,359
10	15	99 102	79 332,265	2 662 823,935	33,565	33,103
11	16	99 082	77 570,895	2 583 491,670	33,305	32,843
12	17	99 059	75 846,477	2 505 920,776	33,039	32,577
13	18	99 037	74 160,811	2 430 074,298	32,768	32,306
14	19	99 007	72 507,206	2 355 913,487	32,492	32,030
15	20	98 976	70 889,443	2 283 406,281	32,211	31,749
16	21	98 943	69 306,272	2 212 516,838	31,924	31,462
17	22	98 901	67 752,519	2 143 210,566	31,633	31,171
18	23	98 855	66 230,740	2 075 458,047	31,337	30,875
19	24	98 796	64 734,460	2 009 227,307	31,038	30,576
20	25	98 738	63 272,819	1 944 492,847	30,732	30,270
21	26	98 675	61 841,082	1 881 220,028	30,420	29,958
22	27	98 612	60 441,466	1 819 378,946	30,102	29,639
23	28	98 546	59 071,893	1 758 937,480	29,776	29,314
24	29	98 476	57 731,091	1 699 865,587	29,445	28,983
25	30	98 403	56 418,828	1 642 134,496	29,106	28,644
26	31	98 326	55 134,414	1 585 715,669	28,761	28,299
27	32	98 248	53 878,435	1 530 581,255	28,408	27,946
28	33	98 162	52 646,762	1 476 702,820	28,049	27,587
29	34	98 077	51 443,432	1 424 056,058	27,682	27,220
30	35	97 982	50 262,951	1 372 612,625	27,309	26,847
31	36	97 886	49 108,827	1 322 349,675	26,927	26,465
32	37	97 773	47 972,630	1 273 240,848	26,541	26,079
33	38	97 660	46 862,554	1 225 268,218	26,146	25,684
34	39	97 533	45 771,983	1 178 405,664	25,745	25,283
35	40	97 397	44 702,082	1 132 633,681	25,337	24,875
36	41	97 244	43 649,962	1 087 931,599	24,924	24,462
37	42	97 084	42 619,035	1 044 281,637	24,503	24,041
38	43	96 912	41 607,598	1 001 662,602	24,074	23,612
39	44	96 723	40 612,740	960 055,004	23,639	23,177
40	45	96 519	39 635,241	919 442,265	23,198	22,736
41	46	96 291	38 671,309	879 807,024	22,751	22,289
42	47	96 041	37 722,300	841 135,714	22,298	21,836
43	48	95 761	36 784,447	803 413,415	21,841	21,379
44	49	95 451	35 858,644	766 628,968	21,379	20,917
45	50	95 107	34 943,196	730 770,324	20,913	20,451
46	51	94 725	34 037,205	695 827,128	20,443	19,981
47	52	94 310	33 142,126	661 789,923	19,968	19,506
48	53	93 844	32 252,882	628 647,797	19,491	19,029
49	54	93 327	31 369,348	596 394,915	19,012	18,550
50	55	92 753	30 490,484	565 025,566	18,531	18,069
51	56	92 121	29 616,190	534 535,083	18,049	17,587
52	57	91 433	28 748,243	504 918,893	17,563	17,101
53	58	90 665	27 879,472	476 170,649	17,080	16,618
54	59	89 815	27 010,372	448 291,178	16,597	16,135
55	60	88 883	26 141,886	421 280,806	16,115	15,653
56	61	87 860	25 272,463	395 138,920	15,635	15,173
57	62	86 772	24 410,176	369 866,457	15,152	14,690
58	63	85 594	23 549,048	345 456,280	14,670	14,208
59	64	84 313	22 686,097	321 907,233	14,190	13,728
60	65	82 925	21 821,466	299 221,136	13,712	13,250
61	66	81 434	20 957,725	277 399,670	13,236	12,774
62	67	79 836	20 094,254	256 441,945	12,762	12,300
63	68	78 103	19 225,562	236 347,691	12,293	11,831
64	69	76 295	18 367,240	217 122,129	11,821	11,359
65	70	74 366	17 508,793	198 754,888	11,352	10,890
66	71	72 331	16 654,959	181 246,095	10,882	10,420
67	72	70 196	15 807,679	164 591,136	10,412	9,950
68	73	67 942	14 963,503	148 783,457	9,943	9,481
69	74	65 639	14 138,185	133 819,954	9,465	9,003
70	75	63 185	13 310,077	119 681,769	8,992	8,530
71	76	60 591	12 482,904	106 371,691	8,521	8,059
72	77	57 823	11 650,489	93 888,787	8,059	7,597
73	78	54 934	10 824,857	82 238,298	7,597	7,135
74	79	51 880	9 998,024	71 413,441	7,143	6,681
75	80	48 621	9 163,719	61 415,417	6,702	6,240
76	81	45 162	8 324,572	52 251,697	6,277	5,815
77	82	41 547	7 489,704	43 927,125	5,865	5,403
78	83	37 828	6 669,172	36 437,421	5,464	5,002
79	84	33 983	5 859,489	29 768,249	5,080	4,618
80	85	30 042	5 065,897	23 908,761	4,720	4,258
81	86	26 098	4 303,994	18 842,863	4,378	3,916
82	87	22 195	3 579,889	14 538,869	4,061	3,599
83	88	18 458	2 911,542	10 958,981	3,764	3,302
84	89	14 953	2 306,768	8 047,438	3,489	3,027
85	90	11 756	1 773,760	5 740,671	3,236	2,774
86	91	8 940	1 319,181	3 966,911	3,007	2,545
87	92	6 551	945,331	2 647,730	2,801	2,339
88	93	4 614	651,234	1 702,399	2,614	2,152
89	94	3 111	429,357	1 051,165	2,448	1,986
90	95	1 993	268,988	621,808	2,312	1,850
91	96	1 228	162,084	352,820	2,177	1,715
92	97	715	92,361	190,737	2,065	1,603
93	98	401	50,660	98,376	1,942	1,480
94	99	211	26,048	47,716	1,832	1,370
95	100	103	12,390	21,669	1,749	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	3 551 624,378	35,648	35,186
1	7	99 270	97 085,986	3 451 994,074	35,556	35,094
2	8	99 238	94 919,076	3 354 908,087	35,345	34,883
3	9	99 217	92 810,167	3 259 989,011	35,125	34,663
4	10	99 198	90 750,331	3 167 178,844	34,900	34,438
5	11	99 180	88 737,828	3 076 428,513	34,669	34,207
6	12	99 164	86 770,520	2 987 690,686	34,432	33,970
7	13	99 145	84 845,631	2 900 920,166	34,191	33,729
8	14	99 129	82 964,513	2 816 074,535	33,943	33,481
9	15	99 110	81 123,764	2 733 110,022	33,691	33,229
10	16	99 090	79 322,340	2 651 986,258	33,433	32,971
11	17	99 068	77 559,949	2 572 663,918	33,170	32,708
12	18	99 045	75 835,372	2 495 103,968	32,902	32,440
13	19	99 017	74 145,709	2 419 268,597	32,629	32,167
14	20	98 988	72 493,211	2 345 122,887	32,350	31,888
15	21	98 958	70 876,316	2 272 629,677	32,065	31,603
16	22	98 927	69 294,798	2 201 753,361	31,774	31,312
17	23	98 884	67 740,794	2 132 458,562	31,480	31,018
18	24	98 834	66 216,369	2 064 717,768	31,181	30,719
19	25	98 779	64 723,483	1 998 501,399	30,878	30,416
20	26	98 719	63 261,021	1 933 777,916	30,568	30,106
21	27	98 656	61 829,050	1 870 516,896	30,253	29,791
22	28	98 590	60 428,264	1 808 687,846	29,931	29,469
23	29	98 521	59 057,160	1 748 259,582	29,603	29,141
24	30	98 450	57 716,151	1 689 202,421	29,267	28,805
25	31	98 373	56 402,075	1 631 486,270	28,926	28,464
26	32	98 295	55 116,815	1 575 084,195	28,577	28,115
27	33	98 214	53 859,736	1 519 967,380	28,221	27,759
28	34	98 127	52 628,018	1 466 107,644	27,858	27,396
29	35	98 038	51 423,312	1 413 479,626	27,487	27,025
30	36	97 943	50 242,721	1 362 056,314	27,110	26,648
31	37	97 841	49 085,802	1 311 813,593	26,725	26,263
32	38	97 728	47 950,552	1 262 727,791	26,334	25,872
33	39	97 603	46 835,108	1 214 777,239	25,937	25,475
34	40	97 475	45 744,716	1 167 942,130	25,532	25,070
35	41	97 331	44 671,743	1 122 197,414	25,121	24,659
36	42	97 170	43 616,663	1 077 525,671	24,704	24,242
37	43	97 003	42 583,669	1 033 909,008	24,279	23,817
38	44	96 825	41 570,154	991 325,339	23,847	23,385
39	45	96 625	40 571,313	949 755,185	23,410	22,948
40	46	96 412	39 591,168	909 183,872	22,964	22,502
41	47	96 169	38 622,207	869 592,704	22,515	22,053
42	48	95 903	37 668,223	830 970,497	22,060	21,598
43	49	95 607	36 725,607	793 302,273	21,601	21,139
44	50	95 278	35 793,688	756 576,666	21,137	20,675
45	51	94 919	34 874,335	720 782,978	20,668	20,206
46	52	94 516	33 962,024	685 908,644	20,196	19,734
47	53	94 078	33 060,753	651 946,620	19,720	19,258
48	54	93 588	32 164,731	618 885,867	19,241	18,779
49	55	93 046	31 274,938	586 721,137	18,760	18,298
50	56	92 446	30 389,457	555 446,199	18,278	17,816
51	57	91 788	29 509,013	525 056,742	17,793	17,331
52	58	91 068	28 633,472	495 547,729	17,307	16,845
53	59	90 265	27 756,508	466 914,257	16,822	16,360
54	60	89 381	26 879,912	439 157,749	16,338	15,876
55	61	88 404	26 000,955	412 277,838	15,856	15,394
56	62	87 369	25 131,061	386 276,883	15,370	14,908
57	63	86 245	24 261,845	361 145,822	14,885	14,423
58	64	85 031	23 393,991	336 883,978	14,400	13,938
59	65	83 699	22 520,775	313 489,987	13,920	13,458
60	66	82 260	21 646,629	290 969,211	13,442	12,980
61	67	80 723	20 774,651	269 322,583	12,964	12,502
62	68	79 062	19 899,452	248 547,932	12,490	12,028
63	69	77 305	19 029,177	228 648,480	12,016	11,554
64	70	75 443	18 162,038	209 619,303	11,542	11,080
65	71	73 460	17 295,474	191 457,265	11,070	10,608
66	72	71 362	16 431,943	174 161,790	10,599	10,137
67	73	69 184	15 579,901	157 729,847	10,124	9,662
68	74	66 890	14 731,826	142 149,946	9,649	9,187
69	75	64 516	13 896,304	127 418,120	9,169	8,707
70	76	61 980	13 056,287	113 521,816	8,695	8,233
71	77	59 269	12 210,452	100 465,529	8,228	7,766
72	78	56 409	11 365,613	88 255,077	7,765	7,303
73	79	53 391	10 520,676	76 889,464	7,308	6,846
74	80	50 172	9 668,856	66 368,789	6,864	6,402
75	81	46 753	8 811,759	56 699,932	6,435	5,973
76	82	43 172	7 957,770	47 888,173	6,018	5,556
77	83	39 455	7 112,661	39 930,403	5,614	5,152
78	84	35 631	6 281,814	32 817,742	5,224	4,762
79	85	31 699	5 465,608	26 535,929	4,855	4,393
80	86	27 722	4 674,702	21 070,320	4,507	4,045
81	87	23 777	3 921,336	16 395,618	4,181	3,719
82	88	19 949	3 217,639	12 474,282	3,877	3,415
83	89	16 338	2 577,224	9 256,643	3,592	3,130
84	90	12 995	2 004,770	6 679,419	3,332	2,870
85	91	10 017	1 511,355	4 674,649	3,093	2,631
86	92	7 444	1 098,436	3 163,294	2,880	2,418
87	93	5 322	768,026	2 064,857	2,689	2,227
88	94	3 649	514,997	1 296,831	2,518	2,056
89	95	2 379	328,384	781,834	2,381	1,919
90	96	1 496	202,001	453,450	2,245	1,783
91	97	897	118,404	251,450	2,124	1,662
92	98	517	66,772	133,045	1,993	1,531
93	99	279	35,222	66,273	1,882	1,420
94	100	141	17,438	31,051	1,781	1,319

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	3 540 042,127	35,534	35,072
1	8	99 266	97 081,200	3 440 418,382	35,439	34,977
2	9	99 232	94 913,199	3 343 337,181	35,225	34,763
3	10	99 210	92 804,162	3 248 423,982	35,003	34,541
4	11	99 192	90 744,954	3 155 619,820	34,775	34,313
5	12	99 173	88 731,218	3 064 874,867	34,541	34,079
6	13	99 156	86 763,655	2 976 143,648	34,302	33,840
7	14	99 137	84 838,358	2 889 379,993	34,057	33,595
8	15	99 118	82 955,807	2 804 541,636	33,808	33,346
9	16	99 098	81 113,616	2 721 585,829	33,553	33,091
10	17	99 076	79 311,148	2 640 472,213	33,293	32,831
11	18	99 054	77 548,593	2 561 161,066	33,027	32,565
12	19	99 025	75 819,929	2 483 612,472	32,757	32,295
13	20	98 998	74 131,397	2 407 792,544	32,480	32,018
14	21	98 970	72 479,787	2 333 661,147	32,197	31,735
15	22	98 942	70 864,582	2 261 181,359	31,908	31,446
16	23	98 910	69 282,807	2 190 316,777	31,614	31,152
17	24	98 863	67 726,095	2 121 033,970	31,318	30,856
18	25	98 817	66 205,141	2 053 307,875	31,014	30,552
19	26	98 761	64 711,414	1 987 102,734	30,707	30,245
20	27	98 700	63 248,712	1 922 391,320	30,394	29,932
21	28	98 634	61 815,544	1 859 142,608	30,076	29,614
22	29	98 565	60 413,194	1 797 327,063	29,751	29,289
23	30	98 496	59 041,878	1 736 913,870	29,418	28,956
24	31	98 421	57 699,014	1 677 871,992	29,080	28,618
25	32	98 342	56 384,072	1 620 172,979	28,735	28,273
26	33	98 261	55 097,687	1 563 788,907	28,382	27,920
27	34	98 179	53 840,560	1 508 691,220	28,021	27,559
28	35	98 089	52 607,434	1 454 850,660	27,655	27,193
29	36	97 999	51 402,615	1 402 243,226	27,280	26,818
30	37	97 897	50 219,165	1 350 840,611	26,899	26,437
31	38	97 795	49 063,212	1 300 621,446	26,509	26,047
32	39	97 671	47 922,469	1 251 558,235	26,116	25,654
33	40	97 544	46 807,209	1 203 635,765	25,715	25,253
34	41	97 409	45 713,669	1 156 828,557	25,306	24,844
35	42	97 256	44 637,665	1 111 114,887	24,892	24,430
36	43	97 089	43 580,469	1 066 477,222	24,471	24,009
37	44	96 916	42 545,346	1 022 896,753	24,043	23,580
38	45	96 726	41 527,751	980 351,407	23,607	23,145
39	46	96 517	40 526,199	938 823,656	23,166	22,704
40	47	96 290	39 540,898	898 297,457	22,718	22,256
41	48	96 031	38 566,841	858 756,558	22,267	21,805
42	49	95 750	37 607,970	820 189,718	21,809	21,347
43	50	95 434	36 659,081	782 581,748	21,348	20,886
44	51	95 090	35 723,150	745 922,667	20,881	20,419
45	52	94 710	34 797,305	710 199,517	20,410	19,948
46	53	94 284	33 878,637	675 402,212	19,936	19,474
47	54	93 821	32 970,393	641 523,575	19,458	18,996
48	55	93 306	32 067,927	608 553,182	18,977	18,515
49	56	92 738	31 171,312	576 485,255	18,494	18,032
50	57	92 112	30 279,481	545 313,943	18,009	17,547
51	58	91 421	29 391,204	515 034,463	17,523	17,061
52	59	90 666	28 507,183	485 643,258	17,036	16,574
53	60	89 829	27 622,444	457 136,076	16,549	16,087
54	61	88 899	26 735,002	429 513,632	16,066	15,604
55	62	87 909	25 855,477	402 778,630	15,578	15,116
56	63	86 838	24 978,348	376 923,154	15,090	14,628
57	64	85 677	24 102,095	351 944,805	14,602	14,140
58	65	84 411	23 223,511	327 842,711	14,117	13,655
59	66	83 028	22 340,335	304 619,200	13,635	13,173
60	67	81 542	21 457,536	282 278,865	13,155	12,693
61	68	79 940	20 573,253	260 821,329	12,678	12,216
62	69	78 254	19 696,184	240 248,076	12,198	11,736
63	70	76 442	18 816,579	220 551,892	11,721	11,259
64	71	74 523	17 940,760	201 735,313	11,245	10,783
65	72	72 476	17 063,882	183 794,552	10,771	10,309
66	73	70 334	16 195,170	166 730,671	10,295	9,833
67	74	68 113	15 338,681	150 535,500	9,814	9,352
68	75	65 746	14 479,788	135 196,819	9,337	8,875
69	76	63 286	13 631,335	120 717,031	8,856	8,394
70	77	60 627	12 771,319	107 085,696	8,385	7,923
71	78	57 820	11 911,883	94 314,376	7,918	7,456
72	79	54 824	11 046,237	82 402,493	7,460	6,998
73	80	51 633	10 174,300	71 356,257	7,013	6,551
74	81	48 245	9 297,495	61 181,956	6,580	6,118
75	82	44 693	8 423,490	51 884,461	6,159	5,697
76	83	40 999	7 557,164	43 460,971	5,751	5,289
77	84	37 164	6 699,544	35 903,807	5,359	4,897
78	85	33 236	5 859,544	29 204,263	4,984	4,522
79	86	29 251	5 043,547	23 344,719	4,629	4,167
80	87	25 257	4 259,085	18 301,172	4,297	3,835
81	88	21 371	3 524,536	14 042,087	3,984	3,522
82	89	17 659	2 848,174	10 517,551	3,693	3,231
83	90	14 199	2 239,819	7 669,377	3,424	2,962
84	91	11 073	1 708,190	5 429,558	3,179	2,717
85	92	8 341	1 258,453	3 721,368	2,957	2,495
86	93	6 048	892,415	2 462,915	2,760	2,298
87	94	4 209	607,356	1 570,500	2,586	2,124
88	95	2 791	393,884	963,144	2,445	1,983
89	96	1 787	246,605	569,260	2,308	1,846
90	97	1 093	147,565	322,655	2,187	1,725
91	98	648	85,600	175,090	2,045	1,583
92	99	360	46,424	89,490	1,928	1,466
93	100	187	23,580	43,066	1,826	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	3 527 766,398	35,413	34,951
1	9	99 259	97 075,190	3 428 147,564	35,314	34,852
2	10	99 226	94 907,058	3 331 072,374	35,098	34,636
3	11	99 205	92 798,663	3 236 165,316	34,873	34,411
4	12	99 184	90 738,195	3 143 366,653	34,642	34,180
5	13	99 165	88 724,198	3 052 628,459	34,406	33,944
6	14	99 147	86 756,218	2 963 904,260	34,164	33,702
7	15	99 127	84 829,455	2 877 148,043	33,917	33,455
8	16	99 106	82 945,429	2 792 318,588	33,665	33,203
9	17	99 084	81 102,170	2 709 373,159	33,407	32,945
10	18	99 061	79 299,535	2 628 270,988	33,144	32,682
11	19	99 033	77 532,801	2 548 971,453	32,876	32,414
12	20	99 006	75 805,294	2 471 438,652	32,602	32,140
13	21	98 979	74 117,670	2 395 633,359	32,322	31,860
14	22	98 954	72 467,788	2 321 515,688	32,035	31,573
15	23	98 924	70 852,319	2 249 047,901	31,743	31,281
16	24	98 888	69 267,774	2 178 195,581	31,446	30,984
17	25	98 846	67 714,611	2 108 927,808	31,144	30,682
18	26	98 799	66 192,796	2 041 213,197	30,837	30,375
19	27	98 741	64 698,823	1 975 020,401	30,526	30,064
20	28	98 679	63 234,897	1 910 321,577	30,210	29,748
21	29	98 610	61 800,128	1 847 086,681	29,888	29,426
22	30	98 540	60 397,560	1 785 286,553	29,559	29,097
23	31	98 466	59 024,346	1 724 888,993	29,223	28,761
24	32	98 390	57 680,596	1 665 864,647	28,881	28,419
25	33	98 308	56 364,504	1 608 184,050	28,532	28,070
26	34	98 226	55 078,069	1 551 819,547	28,175	27,713
27	35	98 141	53 819,502	1 496 741,477	27,810	27,348
28	36	98 049	52 586,261	1 442 921,975	27,439	26,977
29	37	97 953	51 378,515	1 390 335,715	27,061	26,599
30	38	97 852	50 196,053	1 338 957,200	26,675	26,213
31	39	97 738	49 034,477	1 288 761,147	26,283	25,821
32	40	97 613	47 893,922	1 239 726,669	25,885	25,423
33	41	97 478	46 775,441	1 191 832,748	25,480	25,018
34	42	97 335	45 678,796	1 145 057,307	25,068	24,606
35	43	97 176	44 600,624	1 099 378,511	24,649	24,187
36	44	97 002	43 541,250	1 054 777,887	24,225	23,763
37	45	96 817	42 501,948	1 011 236,637	23,793	23,331
38	46	96 619	41 481,574	968 734,688	23,353	22,891
39	47	96 395	40 474,742	927 253,115	22,909	22,447
40	48	96 152	39 484,215	886 778,373	22,459	21,997
41	49	95 877	38 505,150	847 294,158	22,005	21,543
42	50	95 577	37 539,845	808 789,008	21,545	21,083
43	51	95 246	36 586,838	771 249,163	21,080	20,618
44	52	94 880	35 644,246	734 662,325	20,611	20,149
45	53	94 477	34 711,867	699 018,079	20,138	19,676
46	54	94 026	33 786,042	664 306,212	19,662	19,200
47	55	93 539	32 871,164	630 520,170	19,182	18,720
48	56	92 997	31 961,673	597 649,006	18,699	18,237
49	57	92 402	31 058,506	565 687,333	18,214	17,752
50	58	91 744	30 158,597	534 628,827	17,727	17,265
51	59	91 018	29 261,573	504 470,230	17,240	16,778
52	60	90 229	28 369,493	475 208,657	16,751	16,289
53	61	89 345	27 473,530	446 839,165	16,264	15,802
54	62	88 402	26 585,416	419 365,634	15,774	15,312
55	63	87 375	25 698,362	392 780,218	15,284	14,822
56	64	86 266	24 813,881	367 081,855	14,793	14,331
57	65	85 053	23 926,454	342 267,975	14,305	13,843
58	66	83 735	23 037,440	318 341,520	13,818	13,356
59	67	82 303	22 145,183	295 304,080	13,335	12,873
60	68	80 751	21 249,518	273 158,897	12,855	12,393
61	69	79 124	20 363,101	251 909,379	12,371	11,909
62	70	77 380	19 476,134	231 546,278	11,889	11,427
63	71	75 510	18 587,327	212 070,144	11,409	10,947
64	72	73 526	17 700,527	193 482,817	10,931	10,469
65	73	71 432	16 818,003	175 782,290	10,452	9,990
66	74	69 245	15 944,424	158 964,287	9,970	9,508
67	75	66 948	15 076,261	143 019,863	9,486	9,024
68	76	64 492	14 203,695	127 943,602	9,008	8,546
69	77	61 905	13 333,817	113 739,907	8,530	8,068
70	78	59 145	12 459,037	100 406,091	8,059	7,597
71	79	56 195	11 577,156	87 947,054	7,597	7,135
72	80	53 019	10 682,558	76 369,898	7,149	6,687
73	81	49 650	9 783,526	65 687,340	6,714	6,252
74	82	46 119	8 887,823	55 903,813	6,290	5,828
75	83	42 443	7 999,439	47 015,990	5,877	5,415
76	84	38 617	7 118,229	39 016,551	5,481	5,019
77	85	34 666	6 249,194	31 898,322	5,104	4,642
78	86	30 669	5 407,062	25 649,127	4,744	4,282
79	87	26 650	4 595,137	20 242,065	4,405	3,943
80	88	22 701	3 828,108	15 646,928	4,087	3,625
81	89	18 917	3 119,831	11 818,820	3,788	3,326
82	90	15 347	2 475,296	8 698,989	3,514	3,052
83	91	12 099	1 908,467	6 223,693	3,261	2,799
84	92	9 220	1 422,350	4 315,226	3,034	2,572
85	93	6 777	1 022,419	2 892,876	2,829	2,367
86	94	4 783	705,723	1 870,457	2,650	2,188
87	95	3 219	464,523	1 164,733	2,507	2,045
88	96	2 096	295,794	700,210	2,367	1,905
89	97	1 305	180,149	404,417	2,245	1,783
90	98	790	106,681	224,268	2,102	1,640
91	99	451	59,515	117,587	1,976	1,514
92	100	241	31,080	58,072	1,868	1,406

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	3 514 785,383	35,285	34,823
1	10	99 253	97 068,908	3 415 172,716	35,183	34,721
2	11	99 220	94 901,434	3 318 103,808	34,964	34,502
3	12	99 197	92 791,751	3 223 202,373	34,736	34,274
4	13	99 177	90 731,016	3 130 410,623	34,502	34,040
5	14	99 157	88 716,593	3 039 679,607	34,263	33,801
6	15	99 137	86 747,114	2 950 963,014	34,018	33,556
7	16	99 114	84 818,843	2 864 215,900	33,769	33,307
8	17	99 092	82 933,725	2 779 397,057	33,513	33,051
9	18	99 069	81 090,295	2 696 463,332	33,253	32,791
10	19	99 041	79 283,386	2 615 373,037	32,988	32,526
11	20	99 014	77 517,835	2 536 089,650	32,716	32,254
12	21	98 987	75 791,257	2 458 571,815	32,439	31,977
13	22	98 963	74 105,400	2 382 780,558	32,154	31,692
14	23	98 936	72 455,247	2 308 675,159	31,863	31,401
15	24	98 903	70 836,945	2 236 219,911	31,569	31,107
16	25	98 871	69 256,028	2 165 382,966	31,266	30,804
17	26	98 827	67 701,985	2 096 126,938	30,961	30,499
18	27	98 779	66 179,917	2 028 424,953	30,650	30,188
19	28	98 720	64 684,691	1 962 245,036	30,336	29,874
20	29	98 654	63 219,126	1 897 560,345	30,016	29,554
21	30	98 584	61 784,135	1 834 341,219	29,690	29,228
22	31	98 511	60 379,626	1 772 557,084	29,357	28,895
23	32	98 435	59 005,506	1 712 177,458	29,017	28,555
24	33	98 355	57 660,578	1 653 171,952	28,671	28,209
25	34	98 273	56 344,435	1 595 511,373	28,317	27,855
26	35	98 187	55 056,528	1 539 166,938	27,956	27,494
27	36	98 101	53 797,840	1 484 110,410	27,587	27,125
28	37	98 003	52 561,606	1 430 312,570	27,212	26,750
29	38	97 908	51 354,870	1 377 750,964	26,828	26,366
30	39	97 795	50 166,655	1 326 396,095	26,440	25,978
31	40	97 680	49 005,267	1 276 229,440	26,043	25,581
32	41	97 546	47 861,416	1 227 224,173	25,641	25,179
33	42	97 404	46 739,757	1 179 362,756	25,233	24,771
34	43	97 254	45 640,891	1 132 622,999	24,816	24,354
35	44	97 088	44 560,487	1 086 982,108	24,393	23,931
36	45	96 903	43 496,836	1 042 421,621	23,965	23,503
37	46	96 709	42 454,688	998 924,785	23,529	23,067
38	47	96 496	41 428,903	956 470,097	23,087	22,625
39	48	96 257	40 416,720	915 041,194	22,640	22,178
40	49	95 998	39 421,057	874 624,474	22,187	21,725
41	50	95 703	38 435,400	835 203,417	21,730	21,268
42	51	95 388	37 465,867	796 768,017	21,267	20,804
43	52	95 036	36 506,025	759 302,150	20,799	20,337
44	53	94 647	35 556,729	722 796,125	20,328	19,866
45	54	94 219	34 616,995	687 239,396	19,853	19,391
46	55	93 743	33 684,358	652 622,402	19,375	18,913
47	56	93 229	32 762,249	618 938,044	18,892	18,430
48	57	92 660	31 846,007	586 175,795	18,407	17,945
49	58	92 033	30 934,512	554 329,787	17,919	17,457
50	59	91 339	30 025,580	523 395,275	17,432	16,970
51	60	90 578	29 120,239	493 369,695	16,943	16,480
52	61	89 742	28 216,552	464 249,455	16,453	15,991
53	62	88 845	27 319,813	436 032,903	15,960	15,498
54	63	87 865	26 423,867	408 713,090	15,468	15,006
55	64	86 800	25 529,154	382 289,223	14,975	14,513
56	65	85 637	24 633,053	356 760,069	14,483	14,021
57	66	84 371	23 734,752	332 127,016	13,993	13,531
58	67	83 003	22 836,198	308 392,265	13,505	13,043
59	68	81 505	21 930,499	285 556,066	13,021	12,559
60	69	79 926	21 032,459	263 625,568	12,534	12,072
61	70	78 240	20 135,601	242 593,109	12,048	11,586
62	71	76 437	19 238,846	222 457,508	11,563	11,101
63	72	74 499	18 338,436	203 218,662	11,082	10,620
64	73	72 466	17 445,475	184 880,226	10,598	10,136
65	74	70 326	16 557,614	167 434,751	10,112	9,650
66	75	68 060	15 671,641	150 877,138	9,627	9,165
67	76	65 671	14 788,794	135 205,497	9,142	8,680
68	77	63 085	13 893,684	120 416,703	8,667	8,205
69	78	60 391	13 007,780	106 523,020	8,189	7,727
70	79	57 483	12 108,935	93 515,240	7,723	7,261
71	80	54 345	11 195,998	81 406,305	7,271	6,809
72	81	50 983	10 272,263	70 210,307	6,835	6,373
73	82	47 462	9 352,439	59 938,045	6,409	5,947
74	83	43 797	8 440,397	50 585,606	5,993	5,531
75	84	39 978	7 534,816	42 145,209	5,593	5,131
76	85	36 022	6 639,735	34 610,393	5,213	4,751
77	86	31 989	5 766,623	27 970,658	4,850	4,388
78	87	27 942	4 926,333	22 204,034	4,507	4,045
79	88	23 953	4 130,155	17 277,701	4,183	3,721
80	89	20 095	3 388,545	13 147,547	3,880	3,418
81	90	16 441	2 711,388	9 759,001	3,599	3,137
82	91	13 076	2 109,109	7 047,613	3,342	2,879
83	92	10 074	1 589,114	4 938,504	3,108	2,646
84	93	7 491	1 155,577	3 349,391	2,898	2,436
85	94	5 359	808,531	2 193,814	2,713	2,251
86	95	3 658	539,757	1 385,283	2,566	2,104
87	96	2 417	348,841	845,527	2,424	1,962
88	97	1 531	216,081	496,686	2,299	1,837
89	98	944	130,238	280,604	2,155	1,693
90	99	549	74,172	150,367	2,027	1,565
91	100	302	39,844	76,195	1,912	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	3 501 092,080	35,149	34,687
1	11	99 247	97 063,157	3 401 485,858	35,044	34,582
2	12	99 213	94 894,366	3 304 422,701	34,822	34,360
3	13	99 189	92 784,409	3 209 528,336	34,591	34,129
4	14	99 168	90 723,238	3 116 743,926	34,354	33,892
5	15	99 146	88 707,283	3 026 020,688	34,112	33,650
6	16	99 124	86 736,262	2 937 313,405	33,865	33,403
7	17	99 100	84 806,875	2 850 577,143	33,613	33,151
8	18	99 077	82 921,582	2 765 770,268	33,354	32,892
9	19	99 049	81 073,782	2 682 848,686	33,091	32,629
10	20	99 022	79 268,083	2 601 774,904	32,822	32,360
11	21	98 996	77 503,481	2 522 506,821	32,547	32,085
12	22	98 971	75 778,709	2 445 003,340	32,265	31,803
13	23	98 946	74 092,576	2 369 224,631	31,977	31,515
14	24	98 915	72 439,526	2 295 132,055	31,683	31,221
15	25	98 886	70 824,933	2 222 692,529	31,383	30,921
16	26	98 853	69 243,114	2 151 867,596	31,077	30,615
17	27	98 808	67 688,812	2 082 624,482	30,768	30,306
18	28	98 758	66 165,461	2 014 935,669	30,453	29,991
19	29	98 695	64 668,559	1 948 770,208	30,135	29,673
20	30	98 628	63 202,766	1 884 101,649	29,810	29,348
21	31	98 555	61 765,789	1 820 898,883	29,481	29,019
22	32	98 479	60 360,353	1 759 133,093	29,144	28,682
23	33	98 401	58 985,028	1 698 772,740	28,800	28,338
24	34	98 320	57 640,049	1 639 787,712	28,449	27,987
25	35	98 235	56 322,398	1 582 147,663	28,091	27,629
26	36	98 148	55 034,368	1 525 825,265	27,725	27,263
27	37	98 055	53 772,617	1 470 790,897	27,352	26,890
28	38	97 958	52 537,415	1 417 018,279	26,972	26,510
29	39	97 851	51 324,793	1 364 480,864	26,585	26,123
30	40	97 736	50 136,770	1 313 156,071	26,191	25,729
31	41	97 614	48 972,008	1 263 019,301	25,791	25,329
32	42	97 472	47 824,905	1 214 047,293	25,385	24,923
33	43	97 323	46 700,972	1 166 222,388	24,972	24,510
34	44	97 166	45 599,818	1 119 521,416	24,551	24,089
35	45	96 989	44 515,033	1 073 921,598	24,125	23,663
36	46	96 795	43 448,470	1 029 406,565	23,693	23,231
37	47	96 587	42 400,782	985 958,096	23,253	22,791
38	48	96 358	41 369,513	943 557,313	22,808	22,346
39	49	96 103	40 352,070	902 187,800	22,358	21,896
40	50	95 824	39 349,647	861 835,730	21,902	21,440
41	51	95 515	38 359,657	822 486,083	21,441	20,979
42	52	95 178	37 383,113	784 126,426	20,975	20,513
43	53	94 802	36 416,392	746 743,313	20,506	20,044
44	54	94 389	35 459,547	710 326,921	20,032	19,570
45	55	93 935	34 512,810	674 867,374	19,554	19,092
46	56	93 433	33 572,749	640 354,564	19,074	18,612
47	57	92 891	32 643,686	606 781,815	18,588	18,126
48	58	92 290	31 718,869	574 138,129	18,101	17,639
49	59	91 628	30 798,074	542 419,260	17,612	17,150
50	60	90 898	29 880,557	511 621,186	17,122	16,660
51	61	90 090	28 963,252	481 740,629	16,633	16,171
52	62	89 240	28 058,678	452 777,378	16,137	15,675
53	63	88 305	27 153,801	424 718,700	15,641	15,179
54	64	87 286	26 249,881	397 564,899	15,145	14,683
55	65	86 167	25 343,114	371 315,019	14,652	14,189
56	66	84 951	24 435,689	345 971,905	14,158	13,696
57	67	83 634	23 527,419	321 536,216	13,666	13,204
58	68	82 199	22 614,815	298 008,797	13,178	12,716
59	69	80 672	21 706,483	275 393,982	12,687	12,225
60	70	79 033	20 797,480	253 687,499	12,198	11,736
61	71	77 286	19 890,278	232 890,018	11,709	11,247
62	72	75 414	18 981,231	212 999,740	11,222	10,760
63	73	73 426	18 074,191	194 018,509	10,735	10,273
64	74	71 344	17 175,370	175 944,318	10,244	9,782
65	75	69 122	16 274,339	158 768,947	9,756	9,294
66	76	66 762	15 372,821	142 494,608	9,269	8,807
67	77	64 238	14 466,012	127 121,787	8,788	8,326
68	78	61 542	13 553,957	112 655,775	8,312	7,850
69	79	58 694	12 642,258	99 101,818	7,839	7,377
70	80	55 590	11 710,269	86 459,560	7,383	6,921
71	81	52 258	10 765,983	74 749,291	6,943	6,481
72	82	48 737	9 819,640	63 983,309	6,516	6,054
73	83	45 073	8 881,623	54 163,668	6,098	5,636
74	84	41 254	7 950,162	45 282,046	5,696	5,234
75	85	37 291	7 028,319	37 331,883	5,312	4,850
76	86	33 240	6 127,006	30 303,565	4,946	4,484
77	87	29 145	5 253,926	24 176,559	4,602	4,140
78	88	25 115	4 427,837	18 922,632	4,274	3,812
79	89	21 203	3 655,909	14 494,795	3,965	3,503
80	90	17 464	2 944,923	10 838,886	3,681	3,219
81	91	14 009	2 310,274	7 893,962	3,417	2,955
82	92	10 888	1 756,181	5 583,688	3,179	2,717
83	93	8 185	1 291,062	3 827,508	2,965	2,503
84	94	5 924	913,832	2 536,446	2,776	2,314
85	95	4 099	618,387	1 622,614	2,624	2,162
86	96	2 747	405,339	1 004,227	2,477	2,015
87	97	1 766	254,833	598,888	2,350	1,888
88	98	1 107	156,215	344,055	2,202	1,740
89	99	656	90,550	187,840	2,074	1,612
90	100	368	49,656	97,289	1,959	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	3 486 680,101	35,007	34,545
1	12	99 240	97 055,927	3 387 079,782	34,898	34,436
2	13	99 205	94 886,858	3 290 023,855	34,673	34,211
3	14	99 181	92 776,456	3 195 136,997	34,439	33,977
4	15	99 158	90 713,718	3 102 360,541	34,199	33,737
5	16	99 134	88 696,186	3 011 646,822	33,955	33,493
6	17	99 110	86 724,023	2 922 950,636	33,704	33,242
7	18	99 086	84 794,457	2 836 226,614	33,448	32,986
8	19	99 057	82 904,696	2 751 432,156	33,188	32,726
9	20	99 030	81 058,133	2 668 527,460	32,921	32,459
10	21	99 004	79 253,405	2 587 469,327	32,648	32,186
11	22	98 980	77 490,650	2 508 215,923	32,368	31,906
12	23	98 954	75 765,596	2 430 725,273	32,082	31,620
13	24	98 924	74 076,499	2 354 959,677	31,791	31,329
14	25	98 898	72 427,242	2 280 883,178	31,492	31,030
15	26	98 868	70 811,727	2 208 455,936	31,188	30,726
16	27	98 834	69 229,642	2 137 644,208	30,878	30,416
17	28	98 787	67 674,027	2 068 414,567	30,564	30,102
18	29	98 733	66 148,960	2 000 740,540	30,246	29,784
19	30	98 670	64 651,824	1 934 591,580	29,923	29,461
20	31	98 599	63 183,999	1 869 939,755	29,595	29,133
21	32	98 523	61 746,074	1 806 755,756	29,261	28,799
22	33	98 445	60 339,405	1 745 009,682	28,920	28,458
23	34	98 366	58 964,027	1 684 670,277	28,571	28,109
24	35	98 282	57 617,505	1 625 706,250	28,215	27,753
25	36	98 195	56 299,729	1 568 088,746	27,853	27,390
26	37	98 102	55 008,566	1 511 789,016	27,483	27,021
27	38	98 010	53 747,870	1 456 780,451	27,104	26,642
28	39	97 901	52 506,646	1 403 032,581	26,721	26,259
29	40	97 792	51 294,219	1 350 525,934	26,329	25,867
30	41	97 670	50 102,743	1 299 231,716	25,931	25,469
31	42	97 539	48 934,649	1 249 128,973	25,526	25,064
32	43	97 391	47 785,219	1 200 194,324	25,116	24,654
33	44	97 235	46 658,945	1 152 409,105	24,699	24,237
34	45	97 067	45 553,304	1 105 750,160	24,274	23,812
35	46	96 881	44 465,534	1 060 196,856	23,843	23,381
36	47	96 672	43 393,302	1 015 731,322	23,408	22,946
37	48	96 448	42 339,999	972 338,020	22,965	22,503
38	49	96 204	41 303,339	929 998,021	22,516	22,054
39	50	95 929	40 278,975	888 694,682	22,063	21,601
40	51	95 635	39 272,102	848 415,708	21,604	21,142
41	52	95 304	38 274,929	809 143,605	21,140	20,678
42	53	94 944	37 291,326	770 868,677	20,672	20,210
43	54	94 543	36 316,861	733 577,351	20,199	19,737
44	55	94 104	35 352,827	697 260,490	19,723	19,261
45	56	93 624	34 398,456	661 907,663	19,242	18,780
46	57	93 095	33 451,253	627 509,207	18,759	18,297
47	58	92 520	32 513,363	594 057,954	18,271	17,809
48	59	91 883	31 578,971	561 544,591	17,782	17,320
49	60	91 185	30 649,319	529 965,620	17,291	16,829
50	61	90 408	29 719,470	499 316,301	16,801	16,339
51	62	89 586	28 801,199	469 596,831	16,305	15,843
52	63	88 698	27 888,175	440 795,631	15,806	15,344
53	64	87 724	26 975,009	412 907,456	15,307	14,845
54	65	86 650	26 058,589	385 932,447	14,810	14,348
55	66	85 477	25 140,061	359 873,859	14,315	13,853
56	67	84 209	24 222,233	334 733,798	13,819	13,357
57	68	82 823	23 299,334	310 511,565	13,327	12,865
58	69	81 359	22 383,809	287 212,230	12,831	12,369
59	70	79 771	21 463,974	264 828,421	12,338	11,876
60	71	78 070	20 544,094	243 364,447	11,846	11,384
61	72	76 252	19 623,940	222 820,353	11,355	10,893
62	73	74 327	18 707,724	203 196,413	10,862	10,400
63	74	72 289	17 794,353	184 488,689	10,368	9,906
64	75	70 124	16 881,527	166 694,335	9,874	9,412
65	76	67 804	15 964,028	149 812,808	9,384	8,922
66	77	65 305	15 037,293	133 848,781	8,901	8,439
67	78	62 667	14 112,291	118 811,488	8,419	7,957
68	79	59 813	13 173,087	104 699,197	7,948	7,486
69	80	56 762	12 226,033	91 526,109	7,486	7,024
70	81	53 455	11 260,501	79 300,076	7,042	6,580
71	82	49 955	10 291,606	68 039,575	6,611	6,149
72	83	46 283	9 325,304	57 747,969	6,193	5,731
73	84	42 455	8 365,761	48 422,665	5,788	5,326
74	85	38 480	7 415,745	40 056,904	5,402	4,940
75	86	34 411	6 485,583	32 641,159	5,033	4,571
76	87	30 285	5 582,268	26 155,576	4,685	4,223
77	88	26 196	4 722,281	20 573,308	4,357	3,895
78	89	22 231	3 919,410	15 851,027	4,044	3,582
79	90	18 427	3 177,285	11 931,617	3,755	3,293
80	91	14 880	2 509,261	8 754,332	3,489	3,027
81	92	11 664	1 923,684	6 245,071	3,246	2,784
82	93	8 846	1 426,794	4 321,387	3,029	2,567
83	94	6 472	1 020,974	2 894,593	2,835	2,373
84	95	4 531	698,924	1 873,619	2,681	2,219
85	96	3 078	464,388	1 174,695	2,530	2,068
86	97	2 007	296,106	710,307	2,399	1,937
87	98	1 277	184,230	414,201	2,248	1,786
88	99	770	108,611	229,971	2,117	1,655
89	100	439	60,621	121,359	2,002	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	3 471 543,491	34,857	34,395
1	13	99 232	97 048,249	3 371 950,590	34,745	34,283
2	14	99 196	94 878,724	3 274 902,342	34,517	34,055
3	15	99 170	92 766,720	3 180 023,617	34,280	33,818
4	16	99 145	90 702,370	3 087 256,897	34,037	33,575
5	17	99 120	88 683,671	2 996 554,527	33,789	33,327
6	18	99 096	86 711,325	2 907 870,857	33,535	33,073
7	19	99 065	84 777,190	2 821 159,532	33,277	32,815
8	20	99 038	82 888,693	2 736 382,342	33,013	32,551
9	21	99 012	81 043,123	2 653 493,649	32,742	32,280
10	22	98 987	79 240,284	2 572 450,525	32,464	32,002
11	23	98 962	77 477,241	2 493 210,241	32,180	31,718
12	24	98 932	75 749,156	2 415 733,001	31,891	31,429
13	25	98 908	74 063,938	2 339 983,845	31,594	31,132
14	26	98 880	72 413,737	2 265 919,907	31,291	30,829
15	27	98 849	70 797,949	2 193 506,170	30,983	30,521
16	28	98 812	69 214,520	2 122 708,221	30,669	30,207
17	29	98 762	67 657,149	2 053 493,701	30,351	29,889
18	30	98 708	66 131,842	1 985 836,551	30,028	29,566
19	31	98 640	64 632,627	1 919 704,709	29,702	29,240
20	32	98 568	63 163,831	1 855 072,082	29,369	28,907
21	33	98 489	61 724,645	1 791 908,251	29,031	28,569
22	34	98 410	60 317,922	1 730 183,606	28,684	28,222
23	35	98 327	58 940,965	1 669 865,684	28,331	27,869
24	36	98 242	57 594,315	1 610 924,719	27,970	27,508
25	37	98 149	56 273,333	1 553 330,405	27,603	27,141
26	38	98 057	54 983,249	1 497 057,071	27,228	26,765
27	39	97 953	53 716,392	1 442 073,822	26,846	26,384
28	40	97 843	52 475,368	1 388 357,430	26,457	25,995
29	41	97 726	51 259,405	1 335 882,062	26,061	25,599
30	42	97 595	50 064,521	1 284 622,657	25,659	25,197
31	43	97 458	48 894,042	1 234 558,135	25,250	24,788
32	44	97 304	47 742,216	1 185 664,093	24,835	24,373
33	45	97 136	46 611,351	1 137 921,877	24,413	23,951
34	46	96 959	45 502,651	1 091 310,527	23,983	23,521
35	47	96 758	44 409,075	1 045 807,876	23,549	23,087
36	48	96 534	43 331,096	1 001 398,801	23,110	22,648
37	49	96 294	42 272,273	958 067,705	22,664	22,202
38	50	96 029	41 228,521	915 795,433	22,213	21,751
39	51	95 739	40 199,598	874 566,912	21,756	21,294
40	52	95 424	39 185,359	834 367,314	21,293	20,831
41	53	95 070	38 180,952	795 181,955	20,827	20,365
42	54	94 684	37 189,404	757 001,003	20,355	19,893
43	55	94 259	36 207,560	719 811,599	19,880	19,418
44	56	93 793	35 235,689	683 604,039	19,401	18,939
45	57	93 285	34 273,971	648 368,350	18,917	18,455
46	58	92 723	33 317,706	614 094,378	18,431	17,969
47	59	92 112	32 369,961	580 776,672	17,942	17,480
48	60	91 440	31 426,445	548 406,711	17,450	16,988
49	61	90 693	30 484,088	516 980,266	16,959	16,497
50	62	89 902	29 553,186	486 496,178	16,462	16,000
51	63	89 042	28 626,185	456 942,992	15,962	15,500
52	64	88 114	27 704,548	428 316,807	15,460	14,998
53	65	87 085	26 778,432	400 612,259	14,960	14,498
54	66	85 956	25 849,803	373 833,826	14,462	14,000
55	67	84 730	24 920,452	347 984,023	13,964	13,502
56	68	83 393	23 987,413	323 063,572	13,468	13,006
57	69	81 977	23 061,337	299 076,159	12,969	12,507
58	70	80 450	22 133,733	276 014,822	12,470	12,008
59	71	78 799	21 202,468	253 881,089	11,974	11,512
60	72	77 025	20 269,001	232 678,621	11,480	11,018
61	73	75 153	19 341,173	212 409,621	10,982	10,520
62	74	73 176	18 418,077	193 068,448	10,483	10,021
63	75	71 052	17 489,920	174 650,371	9,986	9,524
64	76	68 786	16 559,638	157 160,451	9,491	9,029
65	77	66 325	15 615,596	140 600,813	9,004	8,542
66	78	63 708	14 669,603	124 985,217	8,520	8,058
67	79	60 906	13 715,732	110 315,615	8,043	7,581
68	80	57 843	12 739,386	96 599,882	7,583	7,121
69	81	54 581	11 756,456	83 860,496	7,133	6,671
70	82	51 100	10 764,334	72 104,040	6,698	6,236
71	83	47 440	9 773,510	61 339,706	6,276	5,814
72	84	43 595	8 783,673	51 566,196	5,871	5,409
73	85	39 601	7 803,407	42 782,523	5,483	5,021
74	86	35 509	6 843,091	34 979,116	5,112	4,650
75	87	31 352	5 908,965	28 136,025	4,762	4,300
76	88	27 220	5 017,398	22 227,060	4,430	3,968
77	89	23 188	4 180,045	17 209,662	4,117	3,655
78	90	19 321	3 406,289	13 029,617	3,825	3,363
79	91	15 701	2 707,247	9 623,328	3,555	3,093
80	92	12 390	2 089,373	6 916,081	3,310	2,848
81	93	9 477	1 562,881	4 826,708	3,088	2,626
82	94	6 996	1 128,311	3 263,827	2,893	2,431
83	95	4 950	780,869	2 135,515	2,735	2,273
84	96	3 402	524,868	1 354,647	2,581	2,119
85	97	2 248	339,242	829,778	2,446	1,984
86	98	1 451	214,068	490,536	2,291	1,829
87	99	888	128,090	276,468	2,158	1,696
88	100	515	72,712	148,378	2,041	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	3 455 679,349	34,701	34,239
1	14	99 223	97 039,930	3 356 094,327	34,585	34,123
2	15	99 186	94 868,768	3 259 054,398	34,353	33,891
3	16	99 158	92 755,115	3 164 185,629	34,113	33,651
4	17	99 131	90 689,572	3 071 430,514	33,868	33,406
5	18	99 105	88 670,686	2 980 740,943	33,616	33,154
6	19	99 076	86 693,667	2 892 070,257	33,360	32,898
7	20	99 046	84 760,826	2 805 376,590	33,098	32,636
8	21	99 020	82 873,345	2 720 615,765	32,829	32,367
9	22	98 995	81 029,706	2 637 742,420	32,553	32,091
10	23	98 970	79 226,572	2 556 712,714	32,271	31,809
11	24	98 941	77 460,429	2 477 486,142	31,984	31,522
12	25	98 915	75 736,311	2 400 025,713	31,689	31,227
13	26	98 889	74 050,128	2 324 289,402	31,388	30,926
14	27	98 861	72 399,648	2 250 239,274	31,081	30,619
15	28	98 827	70 782,485	2 177 839,626	30,768	30,306
16	29	98 787	69 197,258	2 107 057,141	30,450	29,988
17	30	98 736	67 639,641	2 037 859,883	30,128	29,666
18	31	98 678	66 112,205	1 970 220,242	29,801	29,339
19	32	98 609	64 611,997	1 904 108,037	29,470	29,008
20	33	98 534	63 141,910	1 839 496,040	29,133	28,671
21	34	98 454	61 702,668	1 776 354,130	28,789	28,327
22	35	98 372	60 294,330	1 714 651,461	28,438	27,976
23	36	98 288	58 917,242	1 654 357,131	28,079	27,617
24	37	98 196	57 567,312	1 595 439,889	27,714	27,252
25	38	98 104	56 247,435	1 537 872,577	27,341	26,879
26	39	97 999	54 951,048	1 481 625,142	26,963	26,501
27	40	97 894	53 684,393	1 426 674,094	26,575	26,113
28	41	97 776	52 439,753	1 372 989,701	26,182	25,720
29	42	97 651	51 220,302	1 320 549,948	25,782	25,320
30	43	97 514	50 022,977	1 269 329,647	25,375	24,913
31	44	97 371	48 850,041	1 219 306,669	24,960	24,498
32	45	97 204	47 693,517	1 170 456,628	24,541	24,079
33	46	97 028	46 559,521	1 122 763,112	24,115	23,653
34	47	96 836	45 444,875	1 076 203,591	23,682	23,220
35	48	96 619	44 345,413	1 030 758,716	23,244	22,782
36	49	96 379	43 261,784	986 413,304	22,801	22,339
37	50	96 119	42 195,699	943 151,519	22,352	21,890
38	51	95 840	41 147,273	900 955,821	21,896	21,434
39	52	95 528	40 110,806	859 808,548	21,436	20,974
40	53	95 189	39 089,147	819 697,742	20,970	20,508
41	54	94 810	38 076,598	780 608,595	20,501	20,039
42	55	94 399	37 077,477	742 531,996	20,026	19,564
43	56	93 946	36 087,591	705 454,519	19,548	19,086
44	57	93 453	35 108,175	669 366,929	19,066	18,604
45	58	92 913	34 137,140	634 258,754	18,580	18,118
46	59	92 314	33 170,757	600 121,613	18,092	17,630
47	60	91 667	32 213,614	566 950,857	17,600	17,138
48	61	90 947	31 257,024	534 737,242	17,108	16,646
49	62	90 186	30 313,526	503 480,218	16,609	16,147
50	63	89 356	29 373,602	473 166,692	16,109	15,647
51	64	88 455	28 437,698	443 793,090	15,606	15,144
52	65	87 472	27 502,655	415 355,391	15,102	14,640
53	66	86 387	26 563,879	387 852,736	14,601	14,139
54	67	85 205	25 623,994	361 288,857	14,100	13,638
55	68	83 909	24 678,863	335 664,863	13,601	13,139
56	69	82 541	23 742,387	310 986,000	13,098	12,636
57	70	81 061	22 803,691	287 243,613	12,596	12,134
58	71	79 470	21 864,066	264 439,922	12,095	11,633
59	72	77 744	20 918,559	242 575,856	11,596	11,134
60	73	75 915	19 976,938	221 657,297	11,096	10,634
61	74	73 989	19 041,718	201 680,359	10,592	10,129
62	75	71 924	18 102,973	182 638,641	10,089	9,627
63	76	69 697	17 156,430	164 535,668	9,590	9,128
64	77	67 285	16 198,206	147 379,238	9,098	8,636
65	78	64 703	15 233,765	131 181,032	8,611	8,149
66	79	61 918	14 257,383	115 947,267	8,132	7,670
67	80	58 901	13 264,165	101 689,884	7,667	7,204
68	81	55 622	12 250,092	88 425,718	7,218	6,756
69	82	52 176	11 238,436	76 175,626	6,778	6,316
70	83	48 527	10 222,441	64 937,190	6,352	5,890
71	84	44 685	9 205,846	54 714,749	5,943	5,481
72	85	40 664	8 193,226	45 508,903	5,554	5,092
73	86	36 543	7 200,817	37 315,677	5,182	4,720
74	87	32 352	6 234,688	30 114,859	4,830	4,368
75	88	28 179	5 311,036	23 880,171	4,496	4,034
76	89	24 095	4 441,275	18 569,135	4,181	3,719
77	90	20 152	3 632,801	14 127,860	3,889	3,427
78	91	16 462	2 902,373	10 495,059	3,616	3,154
79	92	13 074	2 254,230	7 592,686	3,368	2,906
80	93	10 066	1 697,494	5 338,456	3,145	2,683
81	94	7 494	1 235,929	3 640,962	2,946	2,484
82	95	5 350	862,963	2 405,033	2,787	2,325
83	96	3 718	586,406	1 542,070	2,630	2,168
84	97	2 485	383,424	955,663	2,492	2,030
85	98	1 626	245,253	572,239	2,333	1,871
86	99	1 009	148,835	326,986	2,197	1,735
87	100	594	85,753	178,151	2,078	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	3 439 084,374	34,537	34,075
1	15	99 213	97 029,747	3 339 507,888	34,417	33,955
2	16	99 173	94 856,900	3 242 478,142	34,183	33,721
3	17	99 144	92 742,027	3 147 621,242	33,940	33,478
4	18	99 117	90 676,293	3 054 879,215	33,690	33,228
5	19	99 085	88 652,629	2 964 202,922	33,436	32,974
6	20	99 057	86 676,933	2 875 550,293	33,175	32,713
7	21	99 028	84 745,130	2 788 873,360	32,909	32,447
8	22	99 003	82 859,625	2 704 128,230	32,635	32,173
9	23	98 978	81 015,684	2 621 268,605	32,355	31,893
10	24	98 949	79 209,381	2 540 252,921	32,070	31,608
11	25	98 924	77 447,294	2 461 043,540	31,777	31,315
12	26	98 897	75 722,189	2 383 596,246	31,478	31,016
13	27	98 870	74 035,720	2 307 874,057	31,172	30,710
14	28	98 839	72 383,833	2 233 838,337	30,861	30,399
15	29	98 802	70 764,832	2 161 454,504	30,544	30,082
16	30	98 762	69 179,351	2 090 689,671	30,221	29,759
17	31	98 707	67 619,557	2 021 510,320	29,895	29,433
18	32	98 647	66 091,103	1 953 890,764	29,564	29,102
19	33	98 575	64 589,573	1 887 799,661	29,228	28,766
20	34	98 498	63 119,429	1 823 210,088	28,885	28,423
21	35	98 416	61 678,535	1 760 090,659	28,537	28,075
22	36	98 332	60 270,063	1 698 412,123	28,180	27,718
23	37	98 242	58 889,619	1 638 142,060	27,817	27,355
24	38	98 151	57 540,818	1 579 252,441	27,446	26,984
25	39	98 046	56 214,493	1 521 711,624	27,070	26,608
26	40	97 941	54 918,313	1 465 497,130	26,685	26,223
27	41	97 828	53 647,957	1 410 578,817	26,293	25,831
28	42	97 702	52 399,749	1 356 930,860	25,896	25,434
29	43	97 570	51 177,798	1 304 531,111	25,490	25,028
30	44	97 427	49 977,960	1 253 353,312	25,078	24,616
31	45	97 271	48 800,212	1 203 375,352	24,659	24,197
32	46	97 096	47 640,483	1 154 575,140	24,235	23,773
33	47	96 905	46 500,403	1 106 934,657	23,805	23,343
34	48	96 697	45 379,728	1 060 434,254	23,368	22,906
35	49	96 465	44 274,479	1 015 054,526	22,926	22,464
36	50	96 205	43 183,418	970 780,048	22,480	22,018
37	51	95 930	42 112,545	927 596,630	22,027	21,565
38	52	95 628	41 056,388	885 484,085	21,568	21,105
39	53	95 293	40 012,322	844 427,697	21,104	20,642
40	54	94 929	38 982,311	804 415,375	20,635	20,173
41	55	94 525	37 962,002	765 433,064	20,163	19,701
42	56	94 087	36 954,625	727 471,063	19,686	19,224
43	57	93 606	35 956,994	690 516,438	19,204	18,742
44	58	93 080	34 968,013	654 559,444	18,719	18,257
45	59	92 503	33 986,577	619 591,431	18,230	17,768
46	60	91 868	33 010,542	585 604,854	17,740	17,278
47	61	91 173	32 039,950	552 594,312	17,247	16,785
48	62	90 438	31 082,138	520 554,362	16,748	16,286
49	63	89 638	30 129,322	489 472,225	16,246	15,784
50	64	88 768	29 180,194	459 342,903	15,742	15,280
51	65	87 811	28 230,463	430 162,708	15,238	14,776
52	66	86 771	27 282,300	401 932,246	14,732	14,270
53	67	85 632	26 331,833	374 649,946	14,228	13,766
54	68	84 379	25 375,585	348 318,113	13,727	13,264
55	69	83 052	24 426,773	322 942,529	13,221	12,759
56	70	81 619	23 477,132	298 515,755	12,715	12,253
57	71	80 074	22 525,862	275 038,623	12,210	11,748
58	72	78 406	21 571,299	252 512,761	11,706	11,244
59	73	76 624	20 617,136	230 941,463	11,201	10,739
60	74	74 740	19 667,640	210 324,326	10,694	10,232
61	75	72 723	18 715,944	190 656,686	10,187	9,725
62	76	70 553	17 757,794	171 940,742	9,683	9,221
63	77	68 176	16 781,973	154 182,948	9,187	8,725
64	78	65 640	15 802,130	137 400,975	8,695	8,233
65	79	62 885	14 805,692	121 598,846	8,213	7,751
66	80	59 880	13 787,983	106 793,153	7,745	7,283
67	81	56 639	12 754,716	93 005,170	7,292	6,830
68	82	53 171	11 710,321	80 250,454	6,853	6,391
69	83	49 550	10 672,676	68 540,133	6,422	5,960
70	84	45 709	9 628,702	57 867,457	6,010	5,548
71	85	41 681	8 587,021	48 238,755	5,618	5,156
72	86	37 524	7 560,534	39 651,734	5,245	4,783
73	87	33 294	6 560,609	32 091,200	4,891	4,429
74	88	29 078	5 603,800	25 530,590	4,556	4,094
75	89	24 943	4 701,196	19 926,791	4,239	3,777
76	90	20 940	3 859,832	15 225,595	3,945	3,483
77	91	17 171	3 095,376	11 365,763	3,672	3,210
78	92	13 708	2 416,704	8 270,387	3,422	2,960
79	93	10 622	1 831,430	5 853,683	3,196	2,734
80	94	7 961	1 342,381	4 022,253	2,996	2,534
81	95	5 732	945,272	2 679,872	2,835	2,373
82	96	4 018	648,057	1 734,599	2,677	2,215
83	97	2 716	428,378	1 086,543	2,536	2,074
84	98	1 797	277,194	658,164	2,374	1,912
85	99	1 130	170,517	380,970	2,234	1,772
86	100	675	99,641	210,453	2,112	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	3 421 755,870	34,367	33,905
1	16	99 201	97 017,608	3 322 189,834	34,243	33,781
2	17	99 159	94 843,515	3 225 172,226	34,005	33,543
3	18	99 130	92 728,448	3 130 328,711	33,758	33,296
4	19	99 097	90 657,827	3 037 600,263	33,506	33,044
5	20	99 066	88 635,517	2 946 942,435	33,248	32,786
6	21	99 038	86 660,883	2 858 306,918	32,983	32,521
7	22	99 012	84 731,100	2 771 646,035	32,711	32,249
8	23	98 986	82 845,286	2 686 914,935	32,433	31,971
9	24	98 957	80 998,105	2 604 069,649	32,150	31,688
10	25	98 932	79 195,949	2 523 071,544	31,859	31,397
11	26	98 906	77 432,853	2 443 875,595	31,561	31,099
12	27	98 878	75 707,456	2 366 442,741	31,258	30,796
13	28	98 848	74 019,548	2 290 735,286	30,948	30,486
14	29	98 814	72 365,781	2 216 715,738	30,632	30,170
15	30	98 777	70 746,520	2 144 349,956	30,310	29,848
16	31	98 733	69 158,809	2 073 603,436	29,983	29,521
17	32	98 676	67 597,973	2 004 444,627	29,652	29,190
18	33	98 612	66 068,166	1 936 846,654	29,316	28,854
19	34	98 540	64 566,576	1 870 778,488	28,974	28,512
20	35	98 460	63 094,742	1 806 211,912	28,627	28,165
21	36	98 376	61 653,711	1 743 117,170	28,273	27,811
22	37	98 286	60 241,805	1 681 463,459	27,912	27,450
23	38	98 196	58 862,517	1 621 221,654	27,543	27,080
24	39	98 094	57 507,118	1 562 359,137	27,168	26,706
25	40	97 988	56 181,006	1 504 852,019	26,786	26,324
26	41	97 874	54 881,040	1 448 671,013	26,397	25,935
27	42	97 753	53 607,032	1 393 789,972	26,000	25,538
28	43	97 621	52 356,267	1 340 182,941	25,597	25,135
29	44	97 483	51 131,742	1 287 826,674	25,186	24,724
30	45	97 327	49 926,980	1 236 694,932	24,770	24,308
31	46	97 163	48 745,948	1 186 767,951	24,346	23,884
32	47	96 973	47 579,993	1 138 022,003	23,918	23,456
33	48	96 766	46 433,742	1 090 442,010	23,484	23,022
34	49	96 543	45 307,139	1 044 008,268	23,043	22,581
35	50	96 290	44 194,278	998 701,128	22,598	22,136
36	51	96 015	43 098,318	954 506,850	22,147	21,685
37	52	95 718	42 019,528	911 408,533	21,690	21,228
38	53	95 394	40 955,582	869 389,005	21,228	20,766
39	54	95 033	39 902,963	828 433,423	20,761	20,299
40	55	94 644	38 864,988	788 530,461	20,289	19,827
41	56	94 211	37 836,219	749 665,472	19,813	19,351
42	57	93 746	36 820,890	711 829,254	19,332	18,870
43	58	93 233	35 813,443	675 008,363	18,848	18,386
44	59	92 670	34 813,785	639 194,920	18,360	17,898
45	60	92 056	33 822,421	604 381,135	17,869	17,407
46	61	91 373	32 832,581	570 558,714	17,378	16,916
47	62	90 663	31 860,683	537 726,132	16,877	16,415
48	63	89 888	30 893,263	505 865,449	16,375	15,913
49	64	89 048	29 930,938	474 972,186	15,869	15,407
50	65	88 121	28 967,548	445 041,248	15,363	14,901
51	66	87 107	28 004,276	416 073,700	14,858	14,395
52	67	86 013	27 043,977	388 069,425	14,350	13,888
53	68	84 802	26 076,561	361 025,447	13,845	13,383
54	69	83 517	25 116,379	334 948,886	13,336	12,874
55	70	82 124	24 153,873	309 832,508	12,827	12,365
56	71	80 625	23 191,098	285 678,635	12,318	11,856
57	72	79 002	22 224,232	262 487,537	11,811	11,349
58	73	77 276	21 260,471	240 263,305	11,301	10,839
59	74	75 438	20 297,926	219 002,834	10,789	10,327
60	75	73 461	19 331,158	198 704,908	10,279	9,817
61	76	71 337	18 359,077	179 373,750	9,770	9,308
62	77	69 013	17 370,211	161 014,672	9,270	8,808
63	78	66 509	16 371,622	143 644,461	8,774	8,312
64	79	63 795	15 358,086	127 272,839	8,287	7,825
65	80	60 814	14 318,240	111 914,753	7,816	7,354
66	81	57 580	13 258,415	97 596,513	7,361	6,899
67	82	54 143	12 192,710	84 338,098	6,917	6,455
68	83	50 494	11 120,806	72 145,388	6,487	6,025
69	84	46 672	10 052,787	61 024,583	6,070	5,608
70	85	42 636	8 981,452	50 971,796	5,675	5,213
71	86	38 462	7 923,919	41 990,344	5,299	4,837
72	87	34 188	6 888,345	34 066,425	4,946	4,484
73	88	29 925	5 896,741	27 178,080	4,609	4,147
74	89	25 739	4 960,343	21 281,339	4,290	3,828
75	90	21 678	4 085,724	16 320,996	3,995	3,533
76	91	17 842	3 288,820	12 235,271	3,720	3,258
77	92	14 297	2 577,411	8 946,451	3,471	3,009
78	93	11 137	1 963,431	6 369,040	3,244	2,782
79	94	8 400	1 448,298	4 405,609	3,042	2,580
80	95	6 088	1 026,690	2 957,311	2,880	2,418
81	96	4 304	709,868	1 930,621	2,720	2,258
82	97	2 935	473,415	1 220,754	2,579	2,117
83	98	1 963	309,694	747,339	2,413	1,951
84	99	1 249	192,725	437,645	2,271	1,809
85	100	757	114,156	244,920	2,145	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	3 403 692,593	34,190	33,728
1	17	99 187	97 003,919	3 304 139,013	34,062	33,600
2	18	99 145	94 829,629	3 207 135,094	33,820	33,358
3	19	99 109	92 709,565	3 112 305,466	33,570	33,108
4	20	99 077	90 640,328	3 019 595,901	33,314	32,852
5	21	99 048	88 619,104	2 928 955,573	33,051	32,589
6	22	99 022	86 646,536	2 840 336,469	32,781	32,319
7	23	98 994	84 716,438	2 753 689,933	32,505	32,043
8	24	98 965	82 827,310	2 668 973,495	32,223	31,761
9	25	98 940	80 984,370	2 586 146,185	31,934	31,472
10	26	98 913	79 181,182	2 505 161,815	31,638	31,176
11	27	98 887	77 417,787	2 425 980,633	31,336	30,874
12	28	98 856	75 690,919	2 348 562,846	31,028	30,566
13	29	98 824	74 001,088	2 272 871,927	30,714	30,252
14	30	98 789	72 347,054	2 198 870,838	30,393	29,931
15	31	98 747	70 725,513	2 126 523,784	30,067	29,605
16	32	98 701	69 136,734	2 055 798,271	29,735	29,273
17	33	98 641	67 574,513	1 986 661,537	29,400	28,938
18	34	98 577	66 044,642	1 919 087,024	29,057	28,595
19	35	98 501	64 541,323	1 853 042,381	28,711	28,249
20	36	98 420	63 069,347	1 788 501,058	28,358	27,896
21	37	98 330	61 624,805	1 725 431,711	27,999	27,537
22	38	98 241	60 214,081	1 663 806,906	27,632	27,170
23	39	98 139	58 828,043	1 603 592,825	27,259	26,797
24	40	98 035	57 472,861	1 544 764,782	26,878	26,416
25	41	97 921	56 142,876	1 487 291,921	26,491	26,029
26	42	97 800	54 839,174	1 431 149,045	26,097	25,635
27	43	97 672	53 562,548	1 376 309,871	25,695	25,233
28	44	97 533	52 309,150	1 322 747,323	25,287	24,825
29	45	97 383	51 079,586	1 270 438,173	24,872	24,410
30	46	97 219	49 871,464	1 219 358,587	24,450	23,988
31	47	97 040	48 684,054	1 169 487,124	24,022	23,560
32	48	96 834	47 511,785	1 120 803,070	23,590	23,128
33	49	96 611	46 359,468	1 073 291,285	23,152	22,689
34	50	96 368	45 225,068	1 026 931,817	22,707	22,245
35	51	96 100	44 107,186	981 706,749	22,257	21,795
36	52	95 803	43 003,123	937 599,563	21,803	21,341
37	53	95 483	41 916,357	894 596,440	21,342	20,880
38	54	95 133	40 843,644	852 680,083	20,877	20,415
39	55	94 747	39 782,869	811 836,438	20,407	19,945
40	56	94 330	38 736,214	772 053,569	19,931	19,469
41	57	93 871	37 699,294	733 317,356	19,452	18,990
42	58	93 372	36 673,891	695 618,062	18,968	18,506
43	59	92 822	35 655,486	658 944,171	18,481	18,019
44	60	92 222	34 645,634	623 288,685	17,990	17,528
45	61	91 560	33 640,084	588 643,050	17,498	17,036
46	62	90 862	32 648,879	555 002,967	16,999	16,537
47	63	90 112	31 667,077	522 354,087	16,495	16,033
48	64	89 296	30 689,849	490 687,010	15,989	15,527
49	65	88 399	29 712,821	459 997,161	15,481	15,019
50	66	87 415	28 735,455	430 284,340	14,974	14,512
51	67	86 346	27 759,646	401 548,885	14,465	14,003
52	68	85 179	26 781,802	373 789,238	13,957	13,495
53	69	83 936	25 810,195	347 007,436	13,445	12,983
54	70	82 584	24 835,774	321 197,242	12,933	12,471
55	71	81 123	23 859,594	296 361,468	12,421	11,959
56	72	79 545	22 880,561	272 501,874	11,910	11,448
57	73	77 863	21 903,996	249 621,314	11,396	10,934
58	74	76 080	20 931,300	227 717,318	10,879	10,417
59	75	74 147	19 950,661	206 786,018	10,365	9,903
60	76	72 060	18 962,561	186 835,357	9,853	9,391
61	77	69 780	17 958,371	167 872,796	9,348	8,886
62	78	67 325	16 945,477	149 914,425	8,847	8,385
63	79	64 640	15 911,575	132 968,949	8,357	7,895
64	80	61 695	14 852,447	117 057,373	7,881	7,419
65	81	58 478	13 768,306	102 204,926	7,423	6,961
66	82	55 043	12 674,215	88 436,620	6,978	6,516
67	83	51 417	11 578,910	75 762,406	6,543	6,081
68	84	47 561	10 474,888	64 183,496	6,127	5,665
69	85	43 535	9 377,029	53 708,608	5,728	5,266
70	86	39 344	8 287,892	44 331,579	5,349	4,887
71	87	35 043	7 219,422	36 043,686	4,993	4,531
72	88	30 729	6 191,313	28 824,264	4,656	4,194
73	89	26 489	5 219,647	22 632,951	4,336	3,874
74	90	22 370	4 310,944	17 413,304	4,039	3,577
75	91	18 471	3 481,295	13 102,360	3,764	3,302
76	92	14 857	2 738,485	9 621,065	3,513	3,051
77	93	11 616	2 093,996	6 882,579	3,287	2,825
78	94	8 807	1 552,685	4 788,583	3,084	2,622
79	95	6 424	1 107,698	3 235,899	2,921	2,459
80	96	4 572	771,010	2 128,201	2,760	2,298
81	97	3 144	518,569	1 357,191	2,617	2,155
82	98	2 122	342,253	838,622	2,450	1,988
83	99	1 365	215,321	496,370	2,305	1,843
84	100	836	129,024	281,049	2,178	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	3 384 893,425	34,006	33,544
1	18	99 172	96 989,716	3 285 353,892	33,873	33,411
2	19	99 125	94 810,317	3 188 364,176	33,629	33,167
3	20	99 090	92 691,670	3 093 553,859	33,375	32,913
4	21	99 059	90 623,545	3 000 862,189	33,113	32,651
5	22	99 031	88 604,433	2 910 238,645	32,845	32,383
6	23	99 005	86 631,542	2 821 634,212	32,571	32,109
7	24	98 973	84 698,056	2 735 002,670	32,291	31,829
8	25	98 948	82 813,265	2 650 304,615	32,003	31,541
9	26	98 921	80 969,270	2 567 491,350	31,709	31,247
10	27	98 894	79 165,776	2 486 522,080	31,409	30,947
11	28	98 865	77 400,877	2 407 356,304	31,102	30,640
12	29	98 831	75 672,042	2 329 955,428	30,790	30,328
13	30	98 798	73 981,938	2 254 283,385	30,471	30,009
14	31	98 759	72 325,572	2 180 301,447	30,146	29,684
15	32	98 716	70 702,938	2 107 975,875	29,815	29,353
16	33	98 667	69 112,741	2 037 272,938	29,478	29,016
17	34	98 606	67 550,453	1 968 160,197	29,136	28,674
18	35	98 539	66 018,811	1 900 609,743	28,789	28,327
19	36	98 461	64 515,347	1 834 590,932	28,437	27,974
20	37	98 374	63 039,777	1 770 075,586	28,079	27,617
21	38	98 285	61 596,444	1 707 035,808	27,713	27,251
22	39	98 183	60 178,816	1 645 439,364	27,343	26,880
23	40	98 080	58 792,999	1 585 260,549	26,963	26,501
24	41	97 969	57 433,855	1 526 467,550	26,578	26,116
25	42	97 847	56 100,047	1 469 033,695	26,186	25,724
26	43	97 718	54 793,668	1 412 933,648	25,786	25,324
27	44	97 584	53 514,345	1 358 139,980	25,379	24,917
28	45	97 433	52 255,792	1 304 625,635	24,966	24,504
29	46	97 275	51 022,787	1 252 369,843	24,545	24,083
30	47	97 096	49 808,140	1 201 347,055	24,119	23,657
31	48	96 901	48 614,263	1 151 538,915	23,687	23,225
32	49	96 679	47 435,786	1 102 924,652	23,251	22,789
33	50	96 436	46 275,490	1 055 488,865	22,809	22,347
34	51	96 178	45 135,944	1 009 213,375	22,359	21,897
35	52	95 888	44 009,763	964 077,431	21,906	21,444
36	53	95 568	42 897,537	920 067,668	21,448	20,986
37	54	95 222	41 801,794	877 170,131	20,984	20,522
38	55	94 847	40 720,720	835 368,337	20,515	20,053
39	56	94 433	39 651,053	794 647,617	20,041	19,579
40	57	93 989	38 596,032	754 996,564	19,562	19,099
41	58	93 496	37 548,788	716 400,532	19,079	18,617
42	59	92 960	36 512,139	678 851,745	18,592	18,130
43	60	92 373	35 483,270	642 339,606	18,103	17,641
44	61	91 725	34 458,859	606 856,336	17,611	17,149
45	62	91 048	33 451,864	572 397,477	17,111	16,649
46	63	90 310	32 450,484	538 945,613	16,608	16,146
47	64	89 519	31 458,568	506 495,129	16,100	15,638
48	65	88 646	30 466,201	475 036,561	15,592	15,130
49	66	87 691	29 474,757	444 570,359	15,083	14,621
50	67	86 651	28 484,439	415 095,602	14,573	14,111
51	68	85 509	27 490,533	386 611,163	14,063	13,601
52	69	84 309	26 508,232	359 120,630	13,548	13,085
53	70	82 998	25 521,838	332 612,399	13,032	12,570
54	71	81 578	24 533,186	307 090,560	12,517	12,055
55	72	80 037	23 540,105	282 557,374	12,003	11,541
56	73	78 399	22 550,867	259 017,269	11,486	11,024
57	74	76 658	21 564,862	236 466,402	10,965	10,503
58	75	74 778	20 573,199	214 901,540	10,446	9,984
59	76	72 733	19 570,251	194 328,341	9,930	9,468
60	77	70 487	18 548,682	174 758,090	9,422	8,960
61	78	68 073	17 519,255	156 209,408	8,916	8,454
62	79	65 434	16 469,305	138 690,153	8,421	7,959
63	80	62 512	15 387,714	122 220,848	7,943	7,481
64	81	59 325	14 281,995	106 833,134	7,480	7,018
65	82	55 902	13 161,639	92 551,140	7,032	6,570
66	83	52 272	12 036,175	79 389,501	6,596	6,134
67	84	48 431	10 906,385	67 353,326	6,176	5,714
68	85	44 364	9 770,756	56 446,941	5,777	5,315
69	86	40 173	8 652,922	46 676,185	5,394	4,932
70	87	35 846	7 551,035	38 023,262	5,036	4,573
71	88	31 497	6 488,889	30 472,227	4,696	4,234
72	89	27 200	5 480,395	23 983,339	4,376	3,914
73	90	23 021	4 536,301	18 502,944	4,079	3,617
74	91	19 060	3 673,196	13 966,643	3,802	3,340
75	92	15 380	2 898,752	10 293,446	3,551	3,089
76	93	12 070	2 224,859	7 394,694	3,324	2,862
77	94	9 186	1 655,936	5 169,835	3,122	2,660
78	95	6 736	1 187,536	3 513,899	2,959	2,497
79	96	4 824	831,844	2 326,363	2,797	2,335
80	97	3 340	563,234	1 494,519	2,653	2,191
81	98	2 273	374,896	931,285	2,484	2,022
82	99	1 475	237,958	556,389	2,338	1,876
83	100	914	144,151	318,431	2,209	1,747

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	3 365 356,692	33,814	33,352
1	19	99 152	96 969,964	3 265 831,734	33,679	33,217
2	20	99 106	94 792,017	3 168 861,769	33,430	32,968
3	21	99 072	92 674,506	3 074 069,753	33,171	32,709
4	22	99 043	90 608,541	2 981 395,247	32,904	32,442
5	23	99 014	88 589,100	2 890 786,706	32,631	32,169
6	24	98 983	86 612,744	2 802 197,606	32,353	31,891
7	25	98 956	84 683,693	2 715 584,862	32,067	31,605
8	26	98 929	82 797,823	2 630 901,168	31,775	31,313
9	27	98 902	80 953,516	2 548 103,345	31,476	31,014
10	28	98 873	79 148,484	2 467 149,829	31,171	30,709
11	29	98 840	77 381,573	2 388 001,346	30,860	30,398
12	30	98 806	75 652,460	2 310 619,772	30,543	30,081
13	31	98 769	73 959,970	2 234 967,312	30,219	29,757
14	32	98 728	72 302,486	2 161 007,342	29,888	29,426
15	33	98 682	70 678,400	2 088 704,856	29,552	29,090
16	34	98 632	69 088,133	2 018 026,456	29,209	28,747
17	35	98 568	67 524,033	1 948 938,322	28,863	28,401
18	36	98 499	65 992,240	1 881 414,289	28,510	28,048
19	37	98 415	64 485,099	1 815 422,049	28,153	27,691
20	38	98 329	63 010,765	1 750 936,950	27,788	27,326
21	39	98 227	61 560,369	1 687 926,185	27,419	26,957
22	40	98 125	60 142,967	1 626 365,816	27,042	26,580
23	41	98 014	58 753,096	1 566 222,849	26,658	26,196
24	42	97 894	57 390,041	1 507 469,753	26,267	25,805
25	43	97 765	56 053,495	1 450 079,712	25,870	25,408
26	44	97 631	54 744,357	1 394 026,218	25,464	25,002
27	45	97 485	53 459,758	1 339 281,861	25,052	24,590
28	46	97 325	52 197,686	1 285 822,102	24,634	24,172
29	47	97 151	50 958,002	1 233 624,416	24,209	23,747
30	48	96 956	49 736,738	1 182 666,414	23,779	23,317
31	49	96 746	48 536,501	1 132 929,675	23,342	22,880
32	50	96 504	47 349,859	1 084 393,174	22,902	22,440
33	51	96 246	46 184,297	1 037 043,315	22,454	21,992
34	52	95 965	45 036,249	990 859,019	22,001	21,539
35	53	95 653	43 901,706	945 822,770	21,544	21,082
36	54	95 307	42 780,292	901 921,064	21,083	20,621
37	55	94 935	41 675,986	859 140,772	20,615	20,153
38	56	94 532	40 585,796	817 464,786	20,142	19,680
39	57	94 091	39 507,560	776 878,990	19,664	19,202
40	58	93 613	38 441,946	737 371,430	19,181	18,719
41	59	93 083	37 383,177	698 929,484	18,696	18,234
42	60	92 511	36 335,785	661 546,307	18,206	17,744
43	61	91 875	35 291,979	625 210,522	17,715	17,253
44	62	91 212	34 266,058	589 918,543	17,216	16,754
45	63	90 495	33 248,589	555 652,485	16,712	16,250
46	64	89 715	32 236,817	522 403,896	16,205	15,743
47	65	88 867	31 229,319	490 167,080	15,696	15,234
48	66	87 935	30 222,101	458 937,761	15,186	14,723
49	67	86 925	29 217,282	428 715,660	14,673	14,211
50	68	85 811	28 208,300	399 498,377	14,162	13,700
51	69	84 636	27 209,723	371 290,078	13,645	13,183
52	70	83 367	26 212,077	344 080,355	13,127	12,665
53	71	81 987	25 210,892	317 868,278	12,608	12,146
54	72	80 486	24 204,678	292 657,386	12,091	11,629
55	73	78 884	23 200,908	268 452,708	11,571	11,109
56	74	77 185	22 201,718	245 251,800	11,047	10,585
57	75	75 346	21 195,921	223 050,082	10,523	10,061
58	76	73 352	20 180,919	201 854,161	10,002	9,540
59	77	71 146	19 143,109	181 673,242	9,490	9,028
60	78	68 764	18 095,132	162 530,133	8,982	8,520
61	79	66 161	17 026,960	144 435,001	8,483	8,021
62	80	63 279	15 927,081	127 408,042	7,999	7,537
63	81	60 111	14 796,703	111 480,961	7,534	7,072
64	82	56 711	13 652,693	96 684,258	7,082	6,620
65	83	53 088	12 499,061	83 031,564	6,643	6,181
66	84	49 236	11 337,091	70 532,503	6,221	5,759
67	85	45 175	10 173,247	59 195,412	5,819	5,357
68	86	40 938	9 016,246	49 022,164	5,437	4,975
69	87	36 601	7 883,611	40 005,919	5,075	4,613
70	88	32 219	6 786,945	32 122,308	4,733	4,271
71	89	27 880	5 743,801	25 335,362	4,411	3,949
72	90	23 639	4 762,912	19 591,561	4,113	3,651
73	91	19 615	3 865,215	14 828,649	3,836	3,374
74	92	15 871	3 058,542	10 963,434	3,585	3,123
75	93	12 495	2 355,067	7 904,892	3,357	2,895
76	94	9 545	1 759,423	5 549,825	3,154	2,692
77	95	7 026	1 266,505	3 790,402	2,993	2,531
78	96	5 058	891,800	2 523,898	2,830	2,368
79	97	3 524	607,674	1 632,098	2,686	2,224
80	98	2 415	407,187	1 024,424	2,516	2,054
81	99	1 580	260,654	617,237	2,368	1,906
82	100	988	159,306	356,583	2,238	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	3 345 079,394	33,617	33,155
1	20	99 133	96 951,247	3 245 574,703	33,476	33,014
2	21	99 087	94 774,464	3 148 623,456	33,222	32,760
3	22	99 055	92 659,163	3 053 848,992	32,958	32,496
4	23	99 026	90 592,862	2 961 189,829	32,687	32,225
5	24	98 993	88 569,877	2 870 596,968	32,411	31,949
6	25	98 966	86 598,057	2 782 027,090	32,126	31,664
7	26	98 938	84 667,903	2 695 429,033	31,835	31,373
8	27	98 910	82 781,713	2 610 761,130	31,538	31,076
9	28	98 881	80 935,833	2 527 979,417	31,234	30,772
10	29	98 848	79 128,744	2 447 043,584	30,925	30,463
11	30	98 815	77 361,549	2 367 914,839	30,608	30,146
12	31	98 777	75 629,996	2 290 553,291	30,286	29,824
13	32	98 737	73 936,363	2 214 923,295	29,957	29,495
14	33	98 694	72 277,394	2 140 986,932	29,622	29,160
15	34	98 647	70 653,236	2 068 709,538	29,280	28,818
16	35	98 593	69 061,112	1 998 056,303	28,932	28,470
17	36	98 528	67 496,856	1 928 995,191	28,579	28,117
18	37	98 453	65 961,300	1 861 498,335	28,221	27,759
19	38	98 370	64 455,421	1 795 537,035	27,857	27,395
20	39	98 271	62 973,862	1 731 081,614	27,489	27,027
21	40	98 168	61 523,697	1 668 107,752	27,113	26,651
22	41	98 058	60 102,148	1 606 584,054	26,731	26,269
23	42	97 939	58 708,276	1 546 481,906	26,342	25,880
24	43	97 813	57 342,418	1 487 773,630	25,945	25,483
25	44	97 678	56 003,050	1 430 431,213	25,542	25,080
26	45	97 531	54 688,516	1 374 428,162	25,132	24,670
27	46	97 376	53 400,314	1 319 739,647	24,714	24,252
28	47	97 201	52 131,409	1 266 339,333	24,291	23,829
29	48	97 012	50 884,952	1 214 207,924	23,862	23,400
30	49	96 801	49 657,181	1 163 322,972	23,427	22,965
31	50	96 570	48 448,580	1 113 665,792	22,987	22,525
32	51	96 314	47 256,548	1 065 217,212	22,541	22,079
33	52	96 034	46 082,286	1 017 960,664	22,090	21,628
34	53	95 730	44 925,671	971 878,378	21,633	21,171
35	54	95 391	43 781,716	926 952,707	21,172	20,710
36	55	95 020	42 651,539	883 170,991	20,707	20,245
37	56	94 621	41 537,897	840 519,451	20,235	19,773
38	57	94 190	40 438,921	798 981,555	19,758	19,296
39	58	93 716	39 349,835	758 542,634	19,277	18,815
40	59	93 201	38 272,395	719 192,798	18,791	18,329
41	60	92 634	37 202,616	680 920,403	18,303	17,841
42	61	92 012	36 139,898	643 717,788	17,812	17,350
43	62	91 361	35 094,517	607 577,890	17,313	16,851
44	63	90 657	34 057,836	572 483,373	16,809	16,347
45	64	89 899	33 029,667	538 425,537	16,301	15,839
46	65	89 061	32 001,896	505 395,870	15,793	15,331
47	66	88 155	30 979,104	473 393,975	15,281	14,819
48	67	87 167	29 958,098	442 414,871	14,768	14,306
49	68	86 082	28 934,038	412 456,772	14,255	13,793
50	69	84 934	27 920,158	383 522,734	13,736	13,274
51	70	83 690	26 905,731	355 602,576	13,217	12,755
52	71	82 351	25 892,721	328 696,845	12,695	12,233
53	72	80 889	24 873,309	302 804,124	12,174	11,712
54	73	79 326	23 855,905	277 930,815	11,650	11,188
55	74	77 662	22 841,694	254 074,910	11,123	10,661
56	75	75 864	21 821,882	231 233,216	10,596	10,134
57	76	73 910	20 791,767	209 411,334	10,072	9,610
58	77	71 751	19 740,448	188 619,567	9,555	9,093
59	78	69 406	18 675,024	168 879,119	9,043	8,581
60	79	66 832	17 586,654	150 204,095	8,541	8,079
61	80	63 982	16 466,376	132 617,440	8,054	7,592
62	81	60 849	15 315,354	116 151,064	7,584	7,122
63	82	57 462	14 144,722	100 835,710	7,129	6,667
64	83	53 856	12 965,396	86 690,988	6,686	6,224
65	84	50 004	11 773,092	73 725,592	6,262	5,800
66	85	45 926	10 575,001	61 952,500	5,858	5,396
67	86	41 687	9 387,656	51 377,499	5,473	5,011
68	87	37 299	8 214,632	41 989,843	5,112	4,650
69	88	32 897	7 085,868	33 775,211	4,767	4,305
70	89	28 519	6 007,634	26 689,343	4,443	3,981
71	90	24 230	4 991,834	20 681,709	4,143	3,681
72	91	20 142	4 058,301	15 689,875	3,866	3,404
73	92	16 333	3 218,429	11 631,574	3,614	3,152
74	93	12 894	2 484,887	8 413,145	3,386	2,924
75	94	9 881	1 862,391	5 928,258	3,183	2,721
76	95	7 300	1 345,655	4 065,867	3,021	2,559
77	96	5 276	951,103	2 720,213	2,860	2,398
78	97	3 695	651,472	1 769,110	2,716	2,254
79	98	2 548	439,315	1 117,637	2,544	2,082
80	99	1 679	283,105	678,323	2,396	1,934
81	100	1 058	174,501	395,218	2,265	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	3 324 063,524	33,413	32,951
1	21	99 114	96 933,294	3 224 578,040	33,266	32,804
2	22	99 071	94 758,774	3 127 644,745	33,006	32,544
3	23	99 038	92 643,129	3 032 885,972	32,737	32,275
4	24	99 004	90 573,204	2 940 242,843	32,463	32,001
5	25	98 976	88 554,859	2 849 669,639	32,180	31,718
6	26	98 948	86 581,910	2 761 114,780	31,890	31,428
7	27	98 918	84 651,429	2 674 532,870	31,595	31,133
8	28	98 889	82 763,631	2 589 881,441	31,293	30,830
9	29	98 856	80 915,648	2 507 117,809	30,984	30,522
10	30	98 822	79 108,267	2 426 202,161	30,669	30,207
11	31	98 785	77 338,577	2 347 093,894	30,348	29,886
12	32	98 745	75 605,855	2 269 755,317	30,021	29,559
13	33	98 703	73 910,703	2 194 149,461	29,686	29,224
14	34	98 658	72 251,660	2 120 238,758	29,345	28,883
15	35	98 608	70 625,602	2 047 987,098	28,998	28,536
16	36	98 553	69 033,316	1 977 361,496	28,644	28,182
17	37	98 482	67 465,210	1 908 328,180	28,286	27,824
18	38	98 408	65 930,943	1 840 862,970	27,921	27,459
19	39	98 312	64 417,672	1 774 932,027	27,553	27,091
20	40	98 213	62 936,348	1 710 514,355	27,178	26,716
21	41	98 102	61 481,941	1 647 578,007	26,798	26,336
22	42	97 983	60 056,299	1 586 096,065	26,410	25,948
23	43	97 858	58 659,559	1 526 039,767	26,015	25,553
24	44	97 725	57 290,813	1 467 380,208	25,613	25,151
25	45	97 578	55 945,925	1 410 089,394	25,205	24,742
26	46	97 422	54 627,704	1 354 143,469	24,789	24,327
27	47	97 253	53 332,509	1 299 515,765	24,366	23,904
28	48	97 062	52 056,677	1 246 183,256	23,939	23,477
29	49	96 857	50 803,557	1 194 126,579	23,505	23,043
30	50	96 626	49 567,229	1 143 323,022	23,066	22,604
31	51	96 380	48 353,104	1 093 755,792	22,620	22,158
32	52	96 101	47 152,169	1 045 402,688	22,171	21,709
33	53	95 798	45 969,140	998 250,520	21,716	21,254
34	54	95 468	44 802,883	952 281,380	21,255	20,793
35	55	95 104	43 649,949	907 478,497	20,790	20,328
36	56	94 705	42 510,218	863 828,548	20,320	19,858
37	57	94 279	41 387,576	821 318,330	19,845	19,383
38	58	93 814	40 277,478	779 930,754	19,364	18,902
39	59	93 302	39 176,281	739 653,276	18,880	18,418
40	60	92 750	38 087,539	700 476,996	18,391	17,929
41	61	92 134	37 002,056	662 389,456	17,901	17,439
42	62	91 498	35 937,691	625 387,401	17,402	16,940
43	63	90 806	34 881,260	589 449,709	16,899	16,437
44	64	90 060	33 833,585	554 568,449	16,391	15,929
45	65	89 244	32 788,968	520 734,864	15,881	15,419
46	66	88 348	31 745,491	487 945,896	15,371	14,909
47	67	87 384	30 708,489	456 200,405	14,856	14,394
48	68	86 322	29 667,673	425 491,917	14,342	13,880
49	69	85 203	28 638,483	395 824,244	13,821	13,359
50	70	83 986	27 608,228	367 185,761	13,300	12,838
51	71	82 670	26 577,924	339 577,532	12,777	12,315
52	72	81 249	25 546,008	312 999,608	12,252	11,790
53	73	79 723	24 514,902	287 453,600	11,726	11,264
54	74	78 098	23 486,550	262 938,698	11,195	10,733
55	75	76 334	22 450,909	239 452,148	10,666	10,204
56	76	74 418	21 405,792	217 001,240	10,138	9,675
57	77	72 296	20 337,964	195 595,447	9,617	9,155
58	78	69 997	19 257,757	175 257,483	9,101	8,639
59	79	67 456	18 150,252	155 999,726	8,595	8,133
60	80	64 631	17 007,644	137 849,474	8,105	7,643
61	81	61 525	15 833,936	120 841,830	7,632	7,170
62	82	58 168	14 640,520	105 007,894	7,172	6,710
63	83	54 570	13 432,655	90 367,374	6,727	6,265
64	84	50 728	12 212,341	76 934,719	6,300	5,838
65	85	46 643	10 981,694	64 722,379	5,894	5,432
66	86	42 380	9 758,386	53 740,685	5,507	5,045
67	87	37 981	8 553,021	43 982,299	5,142	4,680
68	88	33 524	7 383,393	35 429,278	4,799	4,336
69	89	29 120	6 272,233	28 045,885	4,471	4,009
70	90	24 785	5 221,126	21 773,652	4,170	3,708
71	91	20 646	4 253,357	16 552,526	3,892	3,430
72	92	16 772	3 379,206	12 299,169	3,640	3,178
73	93	13 270	2 614,785	8 919,963	3,411	2,949
74	94	10 197	1 965,053	6 305,178	3,209	2,747
75	95	7 558	1 424,408	4 340,125	3,047	2,585
76	96	5 482	1 010,542	2 915,718	2,885	2,423
77	97	3 854	694,794	1 905,176	2,742	2,280
78	98	2 671	470,978	1 210,382	2,570	2,108
79	99	1 771	305,442	739,403	2,421	1,959
80	100	1 124	189,531	433,961	2,290	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	3 302 303,945	33,200	32,738
1	22	99 098	96 917,247	3 202 836,882	33,047	32,585
2	23	99 054	94 742,376	3 105 919,635	32,783	32,321
3	24	99 017	92 623,026	3 011 177,260	32,510	32,048
4	25	98 987	90 557,846	2 918 554,233	32,229	31,767
5	26	98 957	88 538,347	2 827 996,387	31,941	31,479
6	27	98 929	86 565,064	2 739 458,041	31,646	31,184
7	28	98 897	84 632,939	2 652 892,977	31,346	30,884
8	29	98 864	82 742,991	2 568 260,038	31,039	30,577
9	30	98 830	80 894,709	2 485 517,048	30,725	30,263
10	31	98 793	79 084,777	2 404 622,339	30,406	29,944
11	32	98 754	77 313,891	2 325 537,562	30,079	29,617
12	33	98 711	75 579,616	2 248 223,670	29,746	29,284
13	34	98 668	73 884,388	2 172 644,054	29,406	28,944
14	35	98 620	72 223,401	2 098 759,666	29,059	28,597
15	36	98 568	70 597,176	2 026 536,265	28,706	28,244
16	37	98 507	69 000,950	1 955 939,089	28,347	27,885
17	38	98 437	67 434,161	1 886 938,139	27,982	27,520
18	39	98 350	65 892,329	1 819 503,978	27,613	27,151
19	40	98 254	64 379,298	1 753 611,648	27,239	26,777
20	41	98 146	62 893,634	1 689 232,350	26,859	26,397
21	42	98 027	61 435,039	1 626 338,716	26,472	26,010
22	43	97 902	60 006,463	1 564 903,677	26,079	25,617
23	44	97 770	58 606,770	1 504 897,214	25,678	25,216
24	45	97 625	57 232,374	1 446 290,444	25,270	24,808
25	46	97 469	55 883,715	1 389 058,070	24,856	24,394
26	47	97 299	54 558,342	1 333 174,354	24,436	23,974
27	48	97 113	53 256,055	1 278 616,012	24,009	23,547
28	49	96 907	51 973,408	1 225 359,957	23,577	23,115
29	50	96 681	50 711,529	1 173 386,549	23,138	22,676
30	51	96 436	49 469,549	1 122 675,020	22,694	22,232
31	52	96 167	48 246,302	1 073 205,471	22,244	21,782
32	53	95 865	47 036,396	1 024 959,169	21,791	21,329
33	54	95 536	45 843,500	977 922,773	21,332	20,870
34	55	95 181	44 668,043	932 079,273	20,867	20,405
35	56	94 789	43 505,320	887 411,230	20,398	19,936
36	57	94 362	42 356,378	843 905,910	19,924	19,462
37	58	93 902	41 222,345	801 549,532	19,445	18,983
38	59	93 400	40 099,831	760 327,187	18,961	18,499
39	60	92 852	38 987,059	720 227,355	18,473	18,011
40	61	92 250	37 882,209	681 240,296	17,983	17,521
41	62	91 619	36 795,025	643 358,088	17,485	17,023
42	63	90 942	35 719,311	606 563,063	16,981	16,519
43	64	90 208	34 651,587	570 843,751	16,474	16,012
44	65	89 404	33 587,027	536 192,164	15,964	15,502
45	66	88 529	32 526,257	502 605,136	15,452	14,990
46	67	87 576	31 468,181	470 078,879	14,938	14,476
47	68	86 537	30 410,788	438 610,698	14,423	13,961
48	69	85 440	29 364,623	408 199,910	13,901	13,439
49	70	84 251	28 318,529	378 835,286	13,378	12,916
50	71	82 962	27 271,863	350 516,758	12,853	12,391
51	72	81 563	26 222,036	323 244,895	12,327	11,865
52	73	80 078	25 177,907	297 022,859	11,797	11,335
53	74	78 489	24 135,343	271 844,951	11,263	10,801
54	75	76 762	23 084,732	247 709,608	10,730	10,268
55	76	74 878	22 022,825	224 624,875	10,200	9,738
56	77	72 794	20 938,588	202 602,050	9,676	9,214
57	78	70 529	19 840,663	181 663,462	9,156	8,694
58	79	68 030	18 716,610	161 822,799	8,646	8,184
59	80	65 235	17 552,686	143 106,190	8,153	7,691
60	81	62 149	16 354,415	125 553,504	7,677	7,215
61	82	58 814	15 136,252	109 199,090	7,214	6,752
62	83	55 239	13 903,494	94 062,838	6,765	6,303
63	84	51 400	12 652,461	80 159,344	6,335	5,873
64	85	47 318	11 391,416	67 506,883	5,926	5,464
65	86	43 041	10 133,673	56 115,468	5,538	5,076
66	87	38 612	8 890,790	45 981,795	5,172	4,710
67	88	34 137	7 687,541	37 091,004	4,825	4,363
68	89	29 675	6 535,594	29 403,464	4,499	4,037
69	90	25 308	5 451,084	22 867,869	4,195	3,733
70	91	21 119	4 448,729	17 416,785	3,915	3,453
71	92	17 191	3 541,622	12 968,057	3,662	3,200
72	93	13 626	2 745,407	9 426,435	3,434	2,972
73	94	10 494	2 067,777	6 681,028	3,231	2,769
74	95	7 799	1 502,926	4 613,251	3,070	2,607
75	96	5 675	1 069,683	3 110,325	2,908	2,446
76	97	4 005	738,215	2 040,643	2,764	2,302
77	98	2 786	502,298	1 302,427	2,593	2,131
78	99	1 857	327,457	800,130	2,443	1,981
79	100	1 186	204,485	472,673	2,312	1,850

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	3 279 795,428	32,979	32,517
1	23	99 081	96 900,475	3 180 344,832	32,821	32,359
2	24	99 032	94 721,818	3 083 444,357	32,553	32,091
3	25	99 000	92 607,320	2 988 722,539	32,273	31,811
4	26	98 969	90 540,960	2 896 115,219	31,987	31,525
5	27	98 938	88 521,119	2 805 574,258	31,694	31,232
6	28	98 907	86 546,155	2 717 053,139	31,394	30,932
7	29	98 872	84 611,832	2 630 506,983	31,089	30,627
8	30	98 838	82 721,578	2 545 895,152	30,777	30,315
9	31	98 801	80 870,688	2 463 173,573	30,458	29,996
10	32	98 761	79 059,534	2 382 302,885	30,133	29,671
11	33	98 720	77 287,060	2 303 243,351	29,801	29,339
12	34	98 676	75 552,707	2 225 956,291	29,462	29,000
13	35	98 629	73 855,490	2 150 403,585	29,116	28,654
14	36	98 580	72 194,332	2 076 548,094	28,763	28,301
15	37	98 522	70 564,077	2 004 353,762	28,405	27,943
16	38	98 462	68 969,194	1 933 789,685	28,038	27,576
17	39	98 379	67 394,668	1 864 820,491	27,670	27,208
18	40	98 291	65 853,077	1 797 425,823	27,294	26,832
19	41	98 187	64 335,604	1 731 572,746	26,915	26,453
20	42	98 071	62 845,655	1 667 237,142	26,529	26,067
21	43	97 946	61 384,060	1 604 391,487	26,137	25,675
22	44	97 814	59 952,461	1 543 007,427	25,737	25,275
23	45	97 670	58 546,988	1 483 054,966	25,331	24,869
24	46	97 517	57 168,735	1 424 507,978	24,918	24,456
25	47	97 346	55 812,758	1 367 339,243	24,499	24,037
26	48	97 159	54 480,130	1 311 526,485	24,073	23,611
27	49	96 958	53 170,868	1 257 046,355	23,642	23,180
28	50	96 731	51 879,261	1 203 875,487	23,205	22,743
29	51	96 491	50 611,594	1 151 996,226	22,762	22,299
30	52	96 223	49 360,281	1 101 384,632	22,313	21,851
31	53	95 931	48 127,843	1 052 024,350	21,859	21,397
32	54	95 603	46 907,839	1 003 896,507	21,401	20,939
33	55	95 249	45 705,528	956 988,668	20,938	20,476
34	56	94 866	44 520,040	911 283,141	20,469	20,007
35	57	94 446	43 347,879	866 763,101	19,996	19,533
36	58	93 986	42 187,280	823 415,222	19,518	19,056
37	59	93 488	41 040,532	781 227,942	19,036	18,574
38	60	92 949	39 906,149	740 187,410	18,548	18,086
39	61	92 351	38 776,879	700 281,261	18,059	17,597
40	62	91 734	37 670,254	661 504,382	17,560	17,098
41	63	91 062	36 571,435	623 834,128	17,058	16,596
42	64	90 343	35 484,121	587 262,693	16,550	16,088
43	65	89 551	34 399,069	551 778,573	16,041	15,578
44	66	88 688	33 317,923	517 379,504	15,529	15,067
45	67	87 755	32 242,127	484 061,581	15,013	14,551
46	68	86 727	31 163,116	451 819,454	14,499	14,037
47	69	85 653	30 100,148	420 656,338	13,975	13,513
48	70	84 486	29 036,556	390 556,190	13,450	12,988
49	71	83 224	27 973,509	361 519,633	12,924	12,462
50	72	81 851	26 906,683	333 546,124	12,396	11,934
51	73	80 388	25 844,194	306 639,441	11,865	11,403
52	74	78 838	24 788,084	280 795,247	11,328	10,866
53	75	77 146	23 722,426	256 007,163	10,792	10,330
54	76	75 298	22 644,563	232 284,737	10,258	9,796
55	77	73 244	21 542,153	209 640,174	9,732	9,270
56	78	71 014	20 426,600	188 098,020	9,208	8,746
57	79	68 547	19 283,136	167 671,420	8,695	8,233
58	80	65 790	18 100,397	148 388,285	8,198	7,736
59	81	62 729	16 878,523	130 287,888	7,719	7,257
60	82	59 411	15 633,797	113 409,365	7,254	6,792
61	83	55 853	14 374,269	97 775,568	6,802	6,340
62	84	52 031	13 095,952	83 401,299	6,368	5,906
63	85	47 945	11 801,950	70 305,346	5,957	5,495
64	86	43 664	10 511,755	58 503,396	5,566	5,104
65	87	39 214	9 232,712	47 991,641	5,198	4,736
66	88	34 705	7 991,131	38 758,929	4,850	4,388
67	89	30 218	6 804,818	30 767,798	4,521	4,059
68	90	25 790	5 679,967	23 962,980	4,219	3,757
69	91	21 564	4 644,667	18 283,013	3,936	3,474
70	92	17 585	3 704,301	13 638,346	3,682	3,220
71	93	13 967	2 877,361	9 934,045	3,452	2,990
72	94	10 775	2 171,073	7 056,684	3,250	2,788
73	95	8 026	1 581,492	4 885,612	3,089	2,627
74	96	5 857	1 128,647	3 304,119	2,928	2,465
75	97	4 146	781,419	2 175,472	2,784	2,322
76	98	2 895	533,689	1 394,054	2,612	2,150
77	99	1 937	349,232	860,365	2,464	2,002
78	100	1 243	219,223	511,133	2,332	1,870

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	3 256 531,158	32,751	32,289
1	24	99 059	96 879,449	3 157 097,772	32,588	32,126
2	25	99 015	94 705,756	3 060 218,323	32,313	31,851
3	26	98 982	92 590,053	2 965 512,567	32,028	31,566
4	27	98 950	90 523,344	2 872 922,514	31,737	31,275
5	28	98 916	88 501,784	2 782 399,170	31,439	30,977
6	29	98 882	86 524,571	2 693 897,386	31,134	30,672
7	30	98 847	84 589,936	2 607 372,815	30,824	30,362
8	31	98 809	82 697,015	2 522 782,879	30,506	30,044
9	32	98 769	80 844,875	2 440 085,864	30,182	29,720
10	33	98 727	79 032,097	2 359 240,989	29,852	29,390
11	34	98 684	77 259,542	2 280 208,892	29,514	29,052
12	35	98 637	75 523,157	2 202 949,350	29,169	28,707
13	36	98 590	73 825,765	2 127 426,194	28,817	28,355
14	37	98 534	72 160,484	2 053 600,429	28,459	27,997
15	38	98 477	70 531,602	1 981 439,945	28,093	27,631
16	39	98 404	68 928,801	1 910 908,343	27,723	27,261
17	40	98 320	67 354,521	1 841 979,541	27,348	26,886
18	41	98 225	65 808,383	1 774 625,021	26,967	26,505
19	42	98 112	64 286,525	1 708 816,638	26,581	26,119
20	43	97 990	62 793,505	1 644 530,113	26,189	25,727
21	44	97 858	61 328,818	1 581 736,608	25,791	25,329
22	45	97 714	59 891,308	1 520 407,790	25,386	24,924
23	46	97 561	58 481,887	1 460 516,482	24,974	24,512
24	47	97 393	57 096,146	1 402 034,596	24,556	24,094
25	48	97 206	55 732,748	1 344 938,450	24,132	23,670
26	49	97 004	54 392,985	1 289 205,702	23,702	23,240
27	50	96 782	53 074,552	1 234 812,717	23,266	22,804
28	51	96 541	51 777,024	1 181 738,165	22,824	22,362
29	52	96 278	50 499,804	1 129 961,141	22,376	21,914
30	53	95 986	49 239,087	1 079 461,337	21,923	21,461
31	54	95 669	47 996,303	1 030 222,250	21,465	21,003
32	55	95 315	46 766,663	982 225,947	21,003	20,541
33	56	94 933	45 554,087	935 459,283	20,535	20,073
34	57	94 522	44 358,927	889 905,196	20,061	19,599
35	58	94 069	43 174,822	845 546,269	19,584	19,122
36	59	93 571	42 001,211	802 371,447	19,104	18,642
37	60	93 036	40 842,306	760 370,236	18,617	18,155
38	61	92 448	39 691,014	719 527,930	18,128	17,666
39	62	91 834	38 559,918	679 836,916	17,631	17,169
40	63	91 177	37 441,345	641 276,998	17,128	16,665
41	64	90 463	36 330,634	603 835,653	16,621	16,159
42	65	89 684	35 225,535	567 505,019	16,111	15,649
43	66	88 833	34 123,458	532 279,484	15,599	15,137
44	67	87 913	33 026,877	498 156,026	15,083	14,621
45	68	86 904	31 929,559	465 129,149	14,567	14,105
46	69	85 841	30 844,791	433 199,590	14,044	13,582
47	70	84 696	29 763,864	402 354,799	13,518	13,056
48	71	83 457	28 682,789	372 590,935	12,990	12,528
49	72	82 110	27 598,934	343 908,146	12,461	11,999
50	73	80 672	26 518,976	316 309,213	11,928	11,466
51	74	79 144	25 444,055	289 790,237	11,389	10,927
52	75	77 489	24 363,999	264 346,182	10,850	10,388
53	76	75 675	23 270,098	239 982,183	10,313	9,851
54	77	73 654	22 150,321	216 712,085	9,784	9,322
55	78	71 453	21 015,407	194 561,764	9,258	8,796
56	79	69 018	19 852,607	173 546,356	8,742	8,280
57	80	66 290	18 648,271	153 693,749	8,242	7,780
58	81	63 263	17 405,198	135 045,478	7,759	7,297
59	82	59 965	16 134,811	117 640,280	7,291	6,829
60	83	56 420	14 846,767	101 505,469	6,837	6,375
61	84	52 609	13 539,384	86 658,701	6,400	5,938
62	85	48 533	12 215,630	73 119,317	5,986	5,524
63	86	44 243	10 890,588	60 903,687	5,592	5,130
64	87	39 782	9 577,180	50 013,098	5,222	4,760
65	88	35 246	8 298,453	40 435,919	4,873	4,411
66	89	30 720	7 073,549	32 137,466	4,543	4,081
67	90	26 261	5 913,944	25 063,917	4,238	3,776
68	91	21 975	4 839,690	19 149,973	3,957	3,495
69	92	17 955	3 867,452	14 310,283	3,700	3,238
70	93	14 287	3 009,528	10 442,831	3,470	3,008
71	94	11 045	2 275,422	7 433,303	3,267	2,805
72	95	8 241	1 660,496	5 157,881	3,106	2,644
73	96	6 027	1 187,648	3 497,385	2,945	2,483
74	97	4 278	824,493	2 309,737	2,801	2,339
75	98	2 997	564,922	1 485,244	2,629	2,167
76	99	2 013	371,057	920,322	2,480	2,018
77	100	1 297	233,802	549,265	2,349	1,887

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	3 232 506,690	32,516	32,054
1	25	99 042	96 863,021	3 133 094,880	32,346	31,884
2	26	98 997	94 688,097	3 036 231,858	32,066	31,604
3	27	98 962	92 572,037	2 941 543,761	31,776	31,314
4	28	98 928	90 503,571	2 848 971,724	31,479	31,017
5	29	98 892	88 479,712	2 758 468,153	31,176	30,714
6	30	98 857	86 502,180	2 669 988,441	30,866	30,404
7	31	98 817	84 564,818	2 583 486,260	30,550	30,088
8	32	98 777	82 670,619	2 498 921,442	30,227	29,765
9	33	98 735	80 816,818	2 416 250,823	29,898	29,436
10	34	98 692	79 003,958	2 335 434,005	29,561	29,099
11	35	98 646	77 229,324	2 256 430,048	29,217	28,755
12	36	98 597	75 492,760	2 179 200,723	28,866	28,404
13	37	98 543	73 791,152	2 103 707,963	28,509	28,047
14	38	98 489	72 127,274	2 029 916,811	28,144	27,682
15	39	98 419	70 490,294	1 957 789,537	27,774	27,312
16	40	98 346	68 887,740	1 887 299,243	27,397	26,935
17	41	98 254	67 308,807	1 818 411,503	27,016	26,554
18	42	98 150	65 758,180	1 751 102,696	26,629	26,167
19	43	98 031	64 233,180	1 685 344,515	26,238	25,776
20	44	97 902	62 736,995	1 621 111,336	25,840	25,378
21	45	97 758	61 266,260	1 558 374,341	25,436	24,974
22	46	97 605	59 824,711	1 497 108,081	25,025	24,563
23	47	97 437	58 407,630	1 437 283,370	24,608	24,146
24	48	97 253	57 014,296	1 378 875,739	24,185	23,723
25	49	97 051	55 643,599	1 321 861,443	23,756	23,294
26	50	96 828	54 294,455	1 266 217,844	23,321	22,859
27	51	96 592	52 969,959	1 211 923,389	22,879	22,417
28	52	96 327	51 662,660	1 158 953,429	22,433	21,971
29	53	96 041	50 375,812	1 107 290,769	21,981	21,519
30	54	95 724	49 104,510	1 056 914,957	21,524	21,062
31	55	95 381	47 851,852	1 007 810,448	21,061	20,599
32	56	94 999	46 611,707	959 958,596	20,595	20,133
33	57	94 589	45 389,232	913 346,889	20,123	19,661
34	58	94 145	44 181,834	867 957,656	19,645	19,183
35	59	93 654	42 984,397	823 775,823	19,165	18,703
36	60	93 119	41 798,344	780 791,425	18,680	18,218
37	61	92 535	40 622,124	738 993,081	18,192	17,730
38	62	91 931	39 468,939	698 370,957	17,694	17,232
39	63	91 276	38 325,604	658 902,018	17,192	16,730
40	64	90 576	37 194,816	620 576,414	16,684	16,222
41	65	89 803	36 065,880	583 381,598	16,175	15,713
42	66	88 966	34 943,303	547 315,719	15,663	15,201
43	67	88 057	33 825,375	512 372,416	15,148	14,686
44	68	87 061	32 706,701	478 547,041	14,631	14,169
45	69	86 017	31 603,405	445 840,340	14,107	13,645
46	70	84 882	30 500,187	414 236,935	13,581	13,119
47	71	83 665	29 401,235	383 736,748	13,052	12,590
48	72	82 339	28 298,716	354 335,513	12,521	12,059
49	73	80 927	27 201,252	326 036,797	11,986	11,524
50	74	79 423	26 108,389	298 835,545	11,446	10,984
51	75	77 790	25 008,748	272 727,156	10,905	10,443
52	76	76 012	23 899,438	247 718,409	10,365	9,903
53	77	74 024	22 762,203	223 818,971	9,833	9,371
54	78	71 853	21 608,704	201 056,768	9,304	8,842
55	79	69 445	20 424,869	179 448,064	8,786	8,324
56	80	66 746	19 198,994	159 023,194	8,283	7,821
57	81	63 744	17 932,029	139 824,200	7,797	7,335
58	82	60 476	16 638,280	121 892,171	7,326	6,864
59	83	56 946	15 322,560	105 253,891	6,869	6,407
60	84	53 143	13 984,439	89 931,331	6,431	5,969
61	85	49 073	12 629,254	75 946,893	6,014	5,552
62	86	44 786	11 272,323	63 317,638	5,617	5,155
63	87	40 309	9 922,331	52 045,315	5,245	4,783
64	88	35 757	8 608,065	42 122,984	4,893	4,431
65	89	31 199	7 345,583	33 514,919	4,563	4,101
66	90	26 698	6 147,493	26 169,337	4,257	3,795
67	91	22 376	5 039,053	20 021,844	3,973	3,511
68	92	18 298	4 029,840	14 982,790	3,718	3,256
69	93	14 588	3 142,079	10 952,950	3,486	3,024
70	94	11 298	2 379,940	7 810,871	3,282	2,820
71	95	8 447	1 740,305	5 430,931	3,121	2,659
72	96	6 189	1 246,977	3 690,626	2,960	2,498
73	97	4 403	867,594	2 443,649	2,817	2,355
74	98	3 093	596,063	1 576,056	2,644	2,182
75	99	2 084	392,773	979,993	2,495	2,033
76	100	1 348	248,413	587,220	2,364	1,902

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	3 207 721,008	32,272	31,810
1	26	99 024	96 844,960	3 108 326,055	32,096	31,634
2	27	98 978	94 669,674	3 011 481,094	31,810	31,348
3	28	98 941	92 551,817	2 916 811,421	31,515	31,053
4	29	98 903	90 481,000	2 824 259,604	31,214	30,752
5	30	98 866	88 456,815	2 733 778,604	30,905	30,443
6	31	98 828	86 476,495	2 645 321,789	30,590	30,128
7	32	98 786	84 537,826	2 558 845,294	30,269	29,807
8	33	98 743	82 641,928	2 474 307,468	29,940	29,478
9	34	98 700	80 788,043	2 391 665,540	29,604	29,142
10	35	98 653	78 973,058	2 310 877,497	29,262	28,800
11	36	98 606	77 198,241	2 231 904,439	28,911	28,449
12	37	98 551	75 457,365	2 154 706,198	28,555	28,093
13	38	98 498	73 757,191	2 079 248,832	28,190	27,728
14	39	98 431	72 085,032	2 005 491,641	27,821	27,359
15	40	98 360	70 448,303	1 933 406,609	27,444	26,982
16	41	98 279	68 840,986	1 862 958,306	27,062	26,600
17	42	98 179	67 257,460	1 794 117,320	26,675	26,213
18	43	98 068	65 703,613	1 726 859,860	26,283	25,821
19	44	97 943	64 175,374	1 661 156,246	25,885	25,423
20	45	97 802	62 673,000	1 596 980,872	25,481	25,019
21	46	97 649	61 198,135	1 534 307,872	25,071	24,609
22	47	97 481	59 748,750	1 473 109,737	24,655	24,193
23	48	97 298	58 323,901	1 413 360,987	24,233	23,771
24	49	97 098	56 923,097	1 355 037,086	23,805	23,343
25	50	96 875	55 542,804	1 298 113,989	23,371	22,909
26	51	96 637	54 187,459	1 242 571,185	22,931	22,469
27	52	96 378	52 852,960	1 188 383,727	22,485	22,023
28	53	96 091	51 535,813	1 135 530,766	22,034	21,572
29	54	95 779	50 238,127	1 083 994,953	21,577	21,115
30	55	95 436	48 956,723	1 033 756,826	21,116	20,654
31	56	95 065	47 693,300	984 800,103	20,649	20,187
32	57	94 656	46 443,025	937 106,803	20,178	19,716
33	58	94 212	45 208,026	890 663,778	19,701	19,239
34	59	93 730	43 986,968	845 455,752	19,221	18,759
35	60	93 202	42 776,782	801 468,785	18,736	18,274
36	61	92 617	41 573,009	758 692,003	18,250	17,788
37	62	92 017	40 394,839	717 118,994	17,753	17,291
38	63	91 372	39 229,100	676 724,155	17,251	16,789
39	64	90 675	38 073,252	637 495,054	16,744	16,282
40	65	89 916	36 923,764	599 421,802	16,234	15,772
41	66	89 084	35 776,914	562 498,038	15,722	15,260
42	67	88 189	34 638,058	526 721,124	15,206	14,744
43	68	87 204	33 497,459	492 083,066	14,690	14,228
44	69	86 171	32 372,609	458 585,607	14,166	13,704
45	70	85 056	31 250,326	426 212,999	13,639	13,177
46	71	83 848	30 128,587	394 962,673	13,109	12,647
47	72	82 544	29 007,542	364 834,085	12,577	12,115
48	73	81 153	27 890,950	335 826,543	12,041	11,579
49	74	79 674	26 780,101	307 935,593	11,499	11,037
50	75	78 064	25 661,716	281 155,492	10,956	10,494
51	76	76 306	24 531,893	255 493,776	10,415	9,953
52	77	74 353	23 377,807	230 961,884	9,880	9,418
53	78	72 214	22 205,624	207 584,077	9,348	8,886
54	79	69 834	21 001,495	185 378,452	8,827	8,365
55	80	67 159	19 752,415	164 376,958	8,322	7,860
56	81	64 182	18 461,600	144 624,543	7,834	7,372
57	82	60 935	17 141,898	126 162,943	7,360	6,898
58	83	57 431	15 800,683	109 021,045	6,900	6,438
59	84	53 639	14 432,596	93 220,362	6,459	5,997
60	85	49 570	13 044,392	78 787,766	6,040	5,578
61	86	45 283	11 654,007	65 743,374	5,641	5,179
62	87	40 804	10 270,127	54 089,367	5,267	4,805
63	88	36 230	8 918,290	43 819,241	4,913	4,451
64	89	31 651	7 619,643	34 900,950	4,580	4,118
65	90	27 115	6 383,913	27 281,307	4,273	3,811
66	91	22 748	5 238,052	20 897,395	3,990	3,528
67	92	18 632	4 195,843	15 659,343	3,732	3,270
68	93	14 866	3 274,010	11 463,499	3,501	3,039
69	94	11 536	2 484,761	8 189,489	3,296	2,834
70	95	8 641	1 820,243	5 704,728	3,134	2,672
71	96	6 344	1 306,911	3 884,485	2,972	2,510
72	97	4 521	910,935	2 577,574	2,830	2,368
73	98	3 183	627,222	1 666,640	2,657	2,195
74	99	2 150	414,424	1 039,417	2,508	2,046
75	100	1 395	262,951	624,993	2,377	1,915

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	97 452,656	3 515 300,960	36,072	35,610
2	1	99 313	94 990,327	3 417 848,304	35,981	35,519
3	2	99 275	92 864,124	3 322 857,977	35,782	35,320
4	3	99 250	90 798,153	3 229 993,853	35,573	35,111
5	4	99 227	88 779,272	3 139 195,700	35,360	34,898
6	5	99 208	86 809,618	3 050 416,427	35,139	34,677
7	6	99 191	84 884,211	2 963 606,810	34,914	34,452
8	7	99 176	83 003,889	2 878 722,599	34,682	34,220
9	8	99 163	81 166,783	2 795 718,710	34,444	33,982
10	9	99 149	79 369,420	2 714 551,926	34,201	33,739
11	10	99 135	77 611,912	2 635 182,507	33,953	33,491
12	11	99 120	75 892,795	2 557 570,595	33,700	33,238
13	12	99 105	74 211,438	2 481 677,800	33,441	32,979
14	13	99 087	72 565,742	2 407 466,361	33,176	32,714
15	14	99 067	70 954,286	2 334 900,620	32,907	32,445
16	15	99 042	69 375,235	2 263 946,333	32,633	32,171
17	16	99 004	67 822,679	2 194 571,099	32,357	31,895
18	17	98 961	66 301,443	2 126 748,420	32,077	31,615
19	18	98 908	64 808,139	2 060 446,977	31,793	31,331
20	19	98 847	63 342,676	1 995 638,837	31,505	31,043
21	20	98 783	61 908,952	1 932 296,162	31,212	30,750
22	21	98 721	60 508,369	1 870 387,210	30,911	30,449
23	22	98 660	59 140,407	1 809 878,840	30,603	30,141
24	23	98 598	57 802,464	1 750 738,433	30,288	29,826
25	24	98 528	56 490,940	1 692 935,969	29,968	29,506
26	25	98 464	55 211,917	1 636 445,029	29,639	29,177
27	26	98 399	53 961,337	1 581 233,111	29,303	28,841
28	27	98 328	52 735,812	1 527 271,774	28,961	28,499
29	28	98 256	51 537,541	1 474 535,963	28,611	28,149
30	29	98 175	50 362,039	1 422 998,422	28,255	27,793
31	30	98 093	49 212,713	1 372 636,383	27,892	27,430
32	31	97 997	48 082,381	1 323 423,670	27,524	27,062
33	32	97 897	46 976,393	1 275 341,289	27,149	26,687
34	33	97 793	45 894,127	1 228 364,896	26,765	26,303
35	34	97 680	44 832,120	1 182 470,769	26,376	25,914
36	35	97 555	43 789,537	1 137 638,649	25,980	25,518
37	36	97 429	42 770,733	1 093 849,113	25,575	25,113
38	37	97 292	41 770,781	1 051 078,380	25,163	24,701
39	38	97 145	40 789,965	1 009 307,599	24,744	24,282
40	39	96 983	39 825,510	968 517,635	24,319	23,857
41	40	96 803	38 877,033	928 692,125	23,888	23,426
42	41	96 609	37 945,417	889 815,091	23,450	22,988
43	42	96 392	37 026,869	851 869,674	23,007	22,545
44	43	96 154	36 122,794	814 842,805	22,558	22,096
45	44	95 895	35 232,747	778 720,010	22,102	21,640
46	45	95 601	34 351,938	743 487,263	21,643	21,181
47	46	95 286	33 485,351	709 135,326	21,177	20,715
48	47	94 929	32 625,627	675 649,974	20,709	20,247
49	48	94 529	31 773,234	643 024,347	20,238	19,776
50	49	94 081	30 926,732	611 251,114	19,764	19,302
51	50	93 580	30 085,198	580 324,382	19,289	18,827
52	51	93 035	29 251,814	550 239,184	18,810	18,348
53	52	92 418	28 418,622	520 987,370	18,333	17,871
54	53	91 732	27 586,787	492 568,748	17,855	17,393
55	54	90 971	26 756,025	464 981,961	17,379	16,917
56	55	90 140	25 928,107	438 225,937	16,902	16,440
57	56	89 227	25 100,914	412 297,829	16,426	15,964
58	57	88 234	24 275,297	387 196,915	15,950	15,488
59	58	87 140	23 446,754	362 921,618	15,479	15,017
60	59	85 953	22 618,489	339 474,863	15,009	14,547
61	60	84 679	21 792,886	316 856,374	14,539	14,077
62	61	83 297	20 965,502	295 063,489	14,074	13,612
63	62	81 827	20 142,179	274 097,986	13,608	13,146
64	63	80 267	19 323,387	253 955,807	13,142	12,680
65	64	78 600	18 505,714	234 632,420	12,679	12,217
66	65	76 828	17 690,516	216 126,706	12,217	11,755
67	66	74 967	16 882,083	198 436,189	11,754	11,292
68	67	72 978	16 072,528	181 554,106	11,296	10,834
69	68	70 918	15 275,327	165 481,578	10,833	10,371
70	69	68 746	14 481,474	150 206,251	10,372	9,910
71	70	66 455	13 690,818	135 724,777	9,914	9,452
72	71	64 044	12 903,814	122 033,960	9,457	8,995
73	72	61 534	12 125,307	109 130,146	9,000	8,538
74	73	58 931	11 356,902	97 004,839	8,541	8,079
75	74	56 225	10 596,925	85 647,937	8,082	7,620
76	75	53 382	9 839,766	75 051,012	7,627	7,165
77	76	50 393	9 084,420	65 211,245	7,178	6,716
78	77	47 260	8 332,073	56 126,826	6,736	6,274
79	78	43 972	7 581,872	47 794,753	6,304	5,842
80	79	40 502	6 829,923	40 212,881	5,888	5,426
81	80	36 874	6 081,272	33 382,959	5,489	5,027
82	81	33 099	5 338,518	27 301,687	5,114	4,652
83	82	29 275	4 617,808	21 963,169	4,756	4,294
84	83	25 443	3 925,139	17 345,360	4,419	3,957
85	84	21 681	3 271,134	13 420,222	4,103	3,641
86	85	18 049	2 663,269	10 149,087	3,811	3,349
87	86	14 656	2 115,055	7 485,818	3,539	3,077
88	87	11 578	1 633,974	5 370,763	3,287	2,825
89	88	8 871	1 224,410	3 736,788	3,052	2,590
90	89	6 577	887,783	2 512,378	2,830	2,368
91	90	4 689	619,090	1 624,596	2,624	2,162
92	91	3 187	411,476	1 005,506	2,444	1,982
93	92	2 059	259,946	594,030	2,285	1,823
94	93	1 265	156,182	334,083	2,139	1,677
95	94	727	87,754	177,902	2,027	1,565
96	95	397	46,871	90,148	1,923	1,461
97	96	205	23,663	43,276	1,829	1,367
98	97	99	11,191	19,613	1,753	1,291
99	98	46	5,052	8,422	1,667	1,205
100	99	20	2,113	3,370	1,595	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	95 282,259	3 424 816,485	35,944	35,482
3	1	99 297	92 885,586	3 329 534,226	35,846	35,384
4	2	99 262	90 808,967	3 236 648,640	35,642	35,180
5	3	99 238	88 789,851	3 145 839,673	35,430	34,968
6	4	99 217	86 817,512	3 057 049,823	35,212	34,750
7	5	99 198	84 890,577	2 970 232,311	34,989	34,527
8	6	99 182	83 009,353	2 885 341,733	34,759	34,297
9	7	99 168	81 170,785	2 802 332,380	34,524	34,062
10	8	99 155	79 374,334	2 721 161,595	34,283	33,821
11	9	99 141	77 616,935	2 641 787,262	34,036	33,574
12	10	99 126	75 897,292	2 564 170,327	33,785	33,323
13	11	99 112	74 216,966	2 488 273,035	33,527	33,065
14	12	99 095	72 571,483	2 414 056,069	33,265	32,803
15	13	99 075	70 960,369	2 341 484,585	32,997	32,535
16	14	99 052	69 382,515	2 270 524,216	32,725	32,263
17	15	99 016	67 831,165	2 201 141,701	32,450	31,988
18	16	98 975	66 310,800	2 133 310,536	32,171	31,709
19	17	98 923	64 817,630	2 066 999,737	31,889	31,427
20	18	98 867	63 355,578	2 002 182,107	31,602	31,140
21	19	98 802	61 920,904	1 938 826,529	31,311	30,849
22	20	98 739	60 519,576	1 876 905,625	31,013	30,551
23	21	98 676	59 150,200	1 816 386,049	30,708	30,246
24	22	98 615	57 812,469	1 757 235,849	30,395	29,933
25	23	98 550	56 503,200	1 699 423,381	30,077	29,615
26	24	98 481	55 221,281	1 642 920,181	29,752	29,290
27	25	98 418	53 971,400	1 587 698,899	29,417	28,955
28	26	98 347	52 746,075	1 533 727,499	29,078	28,616
29	27	98 278	51 548,800	1 480 981,424	28,730	28,268
30	28	98 200	50 374,602	1 429 432,624	28,376	27,914
31	29	98 119	49 225,452	1 379 058,022	28,015	27,553
32	30	98 026	48 096,663	1 329 832,570	27,649	27,187
33	31	97 928	46 991,392	1 281 735,907	27,276	26,814
34	32	97 827	45 910,060	1 234 744,515	26,895	26,433
35	33	97 715	44 848,088	1 188 834,455	26,508	26,046
36	34	97 593	43 806,670	1 143 986,367	26,114	25,652
37	35	97 468	42 787,954	1 100 179,697	25,712	25,250
38	36	97 338	41 790,374	1 057 391,743	25,302	24,840
39	37	97 190	40 808,746	1 015 601,369	24,887	24,425
40	38	97 039	39 848,848	974 792,623	24,462	24,000
41	39	96 861	38 900,206	934 943,776	24,034	23,572
42	40	96 675	37 971,188	896 043,569	23,598	23,136
43	41	96 465	37 055,137	858 072,381	23,157	22,695
44	42	96 234	36 152,794	821 017,244	22,710	22,248
45	43	95 981	35 264,483	784 864,449	22,257	21,794
46	44	95 699	34 387,014	749 599,967	21,799	21,337
47	45	95 392	33 522,627	715 212,953	21,335	20,873
48	46	95 050	32 667,106	681 690,326	20,868	20,406
49	47	94 664	31 818,847	649 023,221	20,397	19,935
50	48	94 231	30 976,281	617 204,373	19,925	19,463
51	49	93 750	30 139,794	586 228,092	19,450	18,988
52	50	93 218	29 309,574	556 088,298	18,973	18,511
53	51	92 623	28 481,531	526 778,724	18,495	18,033
54	52	91 958	27 654,687	498 297,193	18,019	17,557
55	53	91 221	26 829,353	470 642,506	17,542	17,080
56	54	90 412	26 006,377	443 813,153	17,066	16,604
57	55	89 524	25 184,360	417 806,776	16,590	16,128
58	56	88 555	24 363,466	392 622,416	16,115	15,653
59	57	87 489	23 540,735	368 258,950	15,643	15,181
60	58	86 334	22 718,691	344 718,214	15,173	14,711
61	59	85 090	21 898,656	321 999,523	14,704	14,242
62	60	83 749	21 079,141	300 100,867	14,237	13,775
63	61	82 287	20 255,511	279 021,727	13,775	13,313
64	62	80 757	19 441,526	258 766,216	13,310	12,848
65	63	79 121	18 628,371	239 324,690	12,847	12,385
66	64	77 392	17 820,380	220 696,318	12,384	11,922
67	65	75 572	17 018,438	202 875,938	11,921	11,459
68	66	73 621	16 214,166	185 857,501	11,463	11,001
69	67	71 613	15 424,862	169 643,335	10,998	10,536
70	68	69 455	14 630,925	154 218,473	10,541	10,079
71	69	67 205	13 845,502	139 587,548	10,082	9,620
72	70	64 834	13 062,967	125 742,046	9,626	9,164
73	71	62 369	12 289,873	112 679,079	9,168	8,706
74	72	59 793	11 522,940	100 389,206	8,712	8,250
75	73	57 109	10 763,575	88 866,266	8,256	7,794
76	74	54 311	10 011,039	78 102,691	7,802	7,340
77	75	51 373	9 261,004	68 091,652	7,353	6,890
78	76	48 314	8 517,987	58 830,648	6,907	6,445
79	77	45 074	7 771,910	50 312,661	6,474	6,012
80	78	41 673	7 027,394	42 540,751	6,054	5,592
81	79	38 130	6 288,303	35 513,357	5,648	5,186
82	80	34 421	5 551,750	29 225,054	5,264	4,802
83	81	30 624	4 830,660	23 673,304	4,901	4,439
84	82	26 792	4 133,211	18 842,644	4,559	4,097
85	83	23 018	3 472,844	14 709,433	4,236	3,774
86	84	19 350	2 855,199	11 236,590	3,935	3,473
87	85	15 883	2 292,050	8 381,391	3,657	3,195
88	86	12 707	1 793,424	6 089,341	3,395	2,933
89	87	9 869	1 362,257	4 295,917	3,154	2,692
90	88	7 430	1 002,946	2 933,660	2,925	2,463
91	89	5 396	712,349	1 930,714	2,710	2,248
92	90	3 740	482,918	1 218,365	2,523	2,061
93	91	2 472	312,186	735,448	2,356	1,894
94	92	1 557	192,237	423,262	2,202	1,740
95	93	919	110,969	231,025	2,082	1,620
96	94	519	61,284	120,056	1,959	1,497
97	95	273	31,510	58,772	1,865	1,403
98	96	136	15,320	27,262	1,780	1,318
99	97	63	6,987	11,942	1,709	1,247
100	98	28	3,040	4,955	1,630	1,168

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	93 171,049	3 335 985,606	35,805	35,343
4	1	99 285	90 829,953	3 242 814,557	35,702	35,240
5	2	99 250	88 800,425	3 151 984,603	35,495	35,033
6	3	99 229	86 827,857	3 063 184,178	35,279	34,817
7	4	99 207	84 898,297	2 976 356,322	35,058	34,596
8	5	99 190	83 015,579	2 891 458,025	34,830	34,368
9	6	99 174	81 176,128	2 808 442,446	34,597	34,135
10	7	99 160	79 378,247	2 727 266,318	34,358	33,896
11	8	99 147	77 621,740	2 647 888,071	34,113	33,651
12	9	99 132	75 902,204	2 570 266,331	33,863	33,401
13	10	99 118	74 221,364	2 494 364,127	33,607	33,145
14	11	99 103	72 576,889	2 420 142,763	33,346	32,884
15	12	99 083	70 965,984	2 347 565,874	33,080	32,618
16	13	99 060	69 388,463	2 276 599,890	32,809	32,347
17	14	99 026	67 838,283	2 207 211,427	32,536	32,074
18	15	98 987	66 319,096	2 139 373,144	32,259	31,797
19	16	98 937	64 826,777	2 073 054,047	31,978	31,516
20	17	98 881	63 364,855	2 008 227,270	31,693	31,231
21	18	98 822	61 933,517	1 944 862,415	31,402	30,940
22	19	98 758	60 531,260	1 882 928,898	31,107	30,645
23	20	98 694	59 161,155	1 822 397,639	30,804	30,342
24	21	98 631	57 822,041	1 763 236,484	30,494	30,032
25	22	98 567	56 512,980	1 705 414,443	30,177	29,715
26	23	98 502	55 233,266	1 648 901,463	29,853	29,391
27	24	98 434	53 980,554	1 593 668,197	29,523	29,061
28	25	98 366	52 755,912	1 539 687,643	29,185	28,723
29	26	98 297	51 558,832	1 486 931,731	28,840	28,377
30	27	98 221	50 385,607	1 435 372,899	28,488	28,026
31	28	98 143	49 237,731	1 384 987,291	28,129	27,667
32	29	98 051	48 109,113	1 335 749,560	27,765	27,303
33	30	97 957	47 005,350	1 287 640,448	27,393	26,931
34	31	97 859	45 924,719	1 240 635,098	27,015	26,553
35	32	97 749	44 863,658	1 194 710,379	26,630	26,168
36	33	97 628	43 822,273	1 149 846,721	26,239	25,777
37	34	97 507	42 804,696	1 106 024,449	25,839	25,377
38	35	97 377	41 807,201	1 063 219,753	25,431	24,969
39	36	97 236	40 827,888	1 021 412,552	25,018	24,556
40	37	97 084	39 867,196	980 584,664	24,596	24,134
41	38	96 918	38 923,002	940 717,469	24,169	23,707
42	39	96 732	37 993,821	901 794,467	23,735	23,273
43	40	96 531	37 080,303	863 800,645	23,295	22,833
44	41	96 307	36 180,395	826 720,342	22,850	22,388
45	42	96 061	35 293,770	790 539,947	22,399	21,937
46	43	95 785	34 417,988	755 246,177	21,943	21,481
47	44	95 490	33 556,856	720 828,189	21,481	21,019
48	45	95 155	32 703,470	687 271,333	21,015	20,553
49	46	94 785	31 859,300	654 567,863	20,546	20,084
50	47	94 367	31 020,750	622 708,563	20,074	19,612
51	48	93 900	30 188,083	591 687,812	19,600	19,138
52	49	93 388	29 362,763	561 499,730	19,123	18,661
53	50	92 806	28 537,770	532 136,967	18,647	18,185
54	51	92 161	27 715,906	503 599,197	18,170	17,708
55	52	91 445	26 895,389	475 883,292	17,694	17,232
56	53	90 660	26 077,651	448 987,902	17,217	16,755
57	54	89 794	25 260,385	422 910,251	16,742	16,280
58	55	88 849	24 444,460	397 649,867	16,267	15,805
59	56	87 807	23 626,236	373 205,407	15,796	15,334
60	57	86 680	22 809,754	349 579,171	15,326	14,864
61	58	85 467	21 995,669	326 769,417	14,856	14,394
62	59	84 155	21 181,447	304 773,748	14,389	13,927
63	60	82 733	20 365,300	283 592,301	13,925	13,463
64	61	81 212	19 550,916	263 227,000	13,464	13,002
65	62	79 604	18 742,261	243 676,085	13,001	12,539
66	63	77 905	17 938,494	224 933,823	12,539	12,077
67	64	76 127	17 143,367	206 995,329	12,074	11,612
68	65	74 215	16 345,126	189 851,962	11,615	11,153
69	66	72 244	15 560,792	173 506,836	11,150	10,688
70	67	70 135	14 774,152	157 946,044	10,691	10,229
71	68	67 899	13 988,391	143 171,892	10,235	9,773
72	69	65 566	13 210,558	129 183,502	9,779	9,317
73	70	63 138	12 441,454	115 972,944	9,321	8,859
74	71	60 604	11 679,330	103 531,490	8,865	8,402
75	72	57 944	10 920,938	91 852,160	8,411	7,949
76	73	55 166	10 168,475	80 931,222	7,959	7,497
77	74	52 267	9 422,203	70 762,746	7,510	7,048
78	75	49 253	8 683,561	61 340,543	7,064	6,602
79	76	46 080	7 945,325	52 656,982	6,627	6,165
80	77	42 718	7 203,534	44 711,657	6,207	5,745
81	78	39 232	6 470,115	37 508,123	5,797	5,335
82	79	35 593	5 740,754	31 038,008	5,407	4,945
83	80	31 847	5 023,606	25 297,254	5,036	4,574
84	81	28 027	4 323,725	20 273,648	4,689	4,227
85	82	24 238	3 656,940	15 949,922	4,362	3,900
86	83	20 543	3 031,260	12 292,983	4,055	3,593
87	84	17 028	2 457,227	9 261,723	3,769	3,307
88	85	13 771	1 943,503	6 804,495	3,501	3,039
89	86	10 833	1 495,191	4 860,992	3,251	2,789
90	87	8 266	1 115,860	3 365,801	3,016	2,554
91	88	6 096	804,755	2 249,941	2,796	2,334
92	89	4 304	555,664	1 445,186	2,601	2,139
93	90	2 902	366,388	889,522	2,428	1,966
94	91	1 869	230,870	523,134	2,266	1,804
95	92	1 131	136,587	292,264	2,140	1,678
96	93	656	77,496	155,677	2,009	1,547
97	94	357	41,199	78,181	1,898	1,436
98	95	181	20,400	36,982	1,813	1,351
99	96	87	9,565	16,582	1,734	1,272
100	97	39	4,205	7,017	1,669	1,207

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	91 109,099	3 248 778,881	35,658	35,196
5	1	99 273	88 820,947	3 157 669,782	35,551	35,089
6	2	99 241	86 838,197	3 068 848,835	35,340	34,878
7	3	99 219	84 908,413	2 982 010,637	35,120	34,658
8	4	99 199	83 023,128	2 897 102,225	34,895	34,433
9	5	99 182	81 182,216	2 814 079,096	34,664	34,202
10	6	99 166	79 383,472	2 732 896,880	34,427	33,965
11	7	99 152	77 625,567	2 653 513,407	34,183	33,721
12	8	99 138	75 906,903	2 575 887,841	33,935	33,473
13	9	99 124	74 226,167	2 499 980,938	33,681	33,219
14	10	99 108	72 581,190	2 425 754,770	33,421	32,959
15	11	99 091	70 971,270	2 353 173,581	33,157	32,695
16	12	99 068	69 393,953	2 282 202,311	32,888	32,426
17	13	99 035	67 844,099	2 212 808,358	32,616	32,154
18	14	98 997	66 326,056	2 144 964,259	32,340	31,878
19	15	98 949	64 834,888	2 078 638,202	32,060	31,598
20	16	98 895	63 373,798	2 013 803,314	31,777	31,315
21	17	98 837	61 942,586	1 950 429,517	31,488	31,026
22	18	98 778	60 543,589	1 888 486,931	31,192	30,730
23	19	98 714	59 172,576	1 827 943,342	30,892	30,430
24	20	98 649	57 832,750	1 768 770,765	30,584	30,122
25	21	98 583	56 522,337	1 710 938,015	30,270	29,808
26	22	98 519	55 242,826	1 654 415,678	29,948	29,486
27	23	98 456	53 992,269	1 599 172,852	29,619	29,157
28	24	98 382	52 764,859	1 545 180,583	29,284	28,822
29	25	98 315	51 568,448	1 492 415,724	28,940	28,478
30	26	98 240	50 395,413	1 440 847,276	28,591	28,129
31	27	98 165	49 248,489	1 390 451,863	28,233	27,771
32	28	98 076	48 121,114	1 341 203,374	27,871	27,409
33	29	97 983	47 017,517	1 293 082,261	27,502	27,040
34	30	97 888	45 938,360	1 246 064,744	27,125	26,663
35	31	97 780	44 877,982	1 200 126,384	26,742	26,280
36	32	97 662	43 837,487	1 155 248,402	26,353	25,891
37	33	97 541	42 819,942	1 111 410,915	25,955	25,493
38	34	97 415	41 823,559	1 068 590,974	25,550	25,088
39	35	97 275	40 844,327	1 026 767,415	25,139	24,677
40	36	97 130	39 885,896	985 923,088	24,719	24,257
41	37	96 962	38 940,924	946 037,192	24,294	23,832
42	38	96 789	38 016,086	907 096,268	23,861	23,399
43	39	96 588	37 102,405	869 080,183	23,424	22,962
44	40	96 373	36 204,967	831 977,777	22,980	22,518
45	41	96 134	35 320,715	795 772,810	22,530	22,068
46	42	95 865	34 446,572	760 452,095	22,076	21,614
47	43	95 576	33 587,082	726 005,524	21,616	21,154
48	44	95 252	32 736,863	692 418,441	21,151	20,689
49	45	94 890	31 894,766	659 681,578	20,683	20,221
50	46	94 487	31 060,188	627 786,812	20,212	19,750
51	47	94 035	30 231,421	596 726,624	19,739	19,277
52	48	93 537	29 409,806	566 495,203	19,262	18,800
53	49	92 974	28 589,558	537 085,397	18,786	18,324
54	50	92 343	27 770,632	508 495,839	18,311	17,849
55	51	91 647	26 954,927	480 725,207	17,834	17,372
56	52	90 883	26 141,837	453 770,280	17,358	16,896
57	53	90 040	25 329,614	427 628,443	16,883	16,421
58	54	89 117	24 518,251	402 298,829	16,408	15,946
59	55	88 099	23 704,779	377 780,578	15,937	15,475
60	56	86 995	22 892,600	354 075,799	15,467	15,005
61	57	85 810	22 083,834	331 183,199	14,997	14,535
62	58	84 528	21 275,283	309 099,365	14,529	14,067
63	59	83 135	20 464,142	287 824,082	14,065	13,603
64	60	81 652	19 656,886	267 359,940	13,601	13,139
65	61	80 052	18 847,716	247 703,054	13,142	12,680
66	62	78 381	18 048,166	228 855,337	12,680	12,218
67	63	76 632	17 256,995	210 807,171	12,216	11,754
68	64	74 760	16 465,113	193 550,176	11,755	11,293
69	65	72 827	15 686,474	177 085,064	11,289	10,827
70	66	70 753	14 904,348	161 398,589	10,829	10,367
71	67	68 564	14 125,327	146 494,242	10,371	9,909
72	68	66 243	13 346,894	132 368,914	9,918	9,456
73	69	63 852	12 582,022	119 022,021	9,460	8,998
74	70	61 352	11 823,381	106 439,998	9,003	8,540
75	71	58 730	11 069,158	94 616,618	8,548	8,086
76	72	55 972	10 317,138	83 547,459	8,098	7,636
77	73	53 089	9 570,379	73 230,321	7,652	7,190
78	74	50 111	8 834,709	63 659,942	7,206	6,744
79	75	46 976	8 099,767	54 825,233	6,769	6,307
80	76	43 671	7 364,267	46 725,466	6,345	5,883
81	77	40 215	6 632,287	39 361,199	5,935	5,473
82	78	36 622	5 906,735	32 728,912	5,541	5,079
83	79	32 931	5 194,631	26 822,177	5,163	4,701
84	80	29 146	4 496,424	21 627,546	4,810	4,348
85	81	25 355	3 825,501	17 131,122	4,478	4,016
86	82	21 632	3 191,947	13 305,621	4,168	3,706
87	83	18 078	2 608,748	10 113,674	3,877	3,415
88	84	14 763	2 083,562	7 504,925	3,602	3,140
89	85	11 739	1 620,314	5 421,363	3,346	2,884
90	86	9 073	1 224,749	3 801,049	3,104	2,642
91	87	6 782	895,356	2 576,300	2,877	2,415
92	88	4 862	627,745	1 680,943	2,678	2,216
93	89	3 339	421,581	1 053,198	2,498	2,036
94	90	2 194	270,954	631,618	2,331	1,869
95	91	1 358	164,036	360,664	2,199	1,737
96	92	808	95,386	196,628	2,061	1,599
97	93	451	52,098	101,242	1,943	1,481
98	94	236	26,673	49,144	1,842	1,380
99	95	115	12,737	22,471	1,764	1,302
100	96	53	5,756	9,734	1,691	1,229

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	89 093,919	3 163 177,194	35,504	35,042
6	1	99 264	86 858,266	3 074 083,275	35,392	34,930
7	2	99 231	84 918,525	2 987 225,009	35,178	34,716
8	3	99 210	83 033,021	2 902 306,484	34,954	34,492
9	4	99 191	81 189,599	2 819 273,463	34,725	34,263
10	5	99 174	79 389,426	2 738 083,864	34,489	34,027
11	6	99 158	77 630,677	2 658 694,438	34,248	33,786
12	7	99 143	75 910,645	2 581 063,761	34,001	33,539
13	8	99 130	74 230,763	2 505 153,116	33,748	33,286
14	9	99 115	72 585,886	2 430 922,353	33,490	33,028
15	10	99 096	70 975,475	2 358 336,467	33,227	32,765
16	11	99 076	69 399,122	2 287 360,991	32,960	32,497
17	12	99 043	67 849,467	2 217 961,869	32,689	32,227
18	13	99 006	66 331,742	2 150 112,402	32,415	31,953
19	14	98 959	64 841,692	2 083 780,660	32,136	31,674
20	15	98 908	63 381,727	2 018 938,968	31,854	31,392
21	16	98 851	61 951,328	1 955 557,241	31,566	31,104
22	17	98 793	60 552,455	1 893 605,913	31,272	30,810
23	18	98 734	59 184,629	1 833 053,458	30,972	30,510
24	19	98 668	57 843,915	1 773 868,830	30,666	30,204
25	20	98 601	56 532,806	1 716 024,914	30,354	29,892
26	21	98 536	55 251,973	1 659 492,109	30,035	29,573
27	22	98 473	54 001,614	1 604 240,136	29,707	29,245
28	23	98 404	52 776,311	1 550 238,521	29,374	28,912
29	24	98 332	51 577,194	1 497 462,211	29,033	28,571
30	25	98 259	50 404,812	1 445 885,017	28,685	28,223
31	26	98 184	49 258,073	1 395 480,205	28,330	27,868
32	27	98 097	48 131,627	1 346 222,133	27,970	27,508
33	28	98 007	47 029,246	1 298 090,505	27,602	27,140
34	29	97 913	45 950,251	1 251 061,260	27,226	26,764
35	30	97 809	44 891,312	1 205 111,009	26,845	26,383
36	31	97 693	43 851,484	1 160 219,697	26,458	25,996
37	32	97 575	42 834,807	1 116 368,213	26,062	25,600
38	33	97 450	41 838,455	1 073 533,406	25,659	25,197
39	34	97 313	40 860,308	1 031 694,951	25,249	24,787
40	35	97 169	39 901,956	990 834,643	24,832	24,370
41	36	97 008	38 959,189	950 932,687	24,408	23,946
42	37	96 834	38 033,590	911 973,498	23,978	23,516
43	38	96 645	37 124,148	873 939,908	23,541	23,079
44	39	96 430	36 226,547	836 815,760	23,100	22,638
45	40	96 200	35 344,703	800 589,213	22,651	22,189
46	41	95 938	34 472,870	765 244,510	22,198	21,736
47	42	95 655	33 614,976	730 771,640	21,739	21,277
48	43	95 338	32 766,351	697 156,664	21,277	20,815
49	44	94 987	31 927,333	664 390,313	20,809	20,347
50	45	94 592	31 094,764	632 462,980	20,340	19,878
51	46	94 154	30 269,855	601 368,216	19,867	19,405
52	47	93 672	29 452,027	571 098,360	19,391	18,929
53	48	93 123	28 635,362	541 646,334	18,915	18,453
54	49	92 511	27 821,029	513 010,971	18,440	17,978
55	50	91 828	27 008,151	485 189,943	17,965	17,503
56	51	91 084	26 199,706	458 181,792	17,488	17,026
57	52	90 262	25 391,959	431 982,085	17,013	16,551
58	53	89 362	24 585,446	406 590,126	16,538	16,076
59	54	88 365	23 776,337	382 004,680	16,067	15,605
60	55	87 284	22 968,704	358 228,343	15,596	15,134
61	56	86 121	22 164,043	335 259,639	15,126	14,664
62	57	84 867	21 360,560	313 095,595	14,658	14,196
63	58	83 503	20 554,800	291 735,035	14,193	13,731
64	59	82 048	19 752,290	271 180,235	13,729	13,267
65	60	80 486	18 949,875	251 427,945	13,268	12,806
66	61	78 822	18 149,716	232 478,069	12,809	12,347
67	62	77 100	17 362,500	214 328,353	12,344	11,882
68	63	75 256	16 574,244	196 965,853	11,884	11,422
69	64	73 362	15 801,626	180 391,609	11,416	10,954
70	65	71 325	15 024,728	164 589,983	10,955	10,493
71	66	69 168	14 249,805	149 565,254	10,496	10,034
72	67	66 891	13 477,550	135 315,449	10,040	9,578
73	68	64 511	12 711,872	121 837,899	9,585	9,123
74	69	62 045	11 956,966	109 126,027	9,127	8,665
75	70	59 455	11 205,683	97 169,061	8,671	8,209
76	71	56 732	10 457,163	85 963,378	8,221	7,759
77	72	53 865	9 710,298	75 506,214	7,776	7,314
78	73	50 899	8 973,646	65 795,917	7,332	6,870
79	74	47 794	8 240,754	56 822,271	6,895	6,433
80	75	44 520	7 507,415	48 581,517	6,471	6,009
81	76	41 113	6 780,274	41 074,102	6,058	5,596
82	77	37 540	6 054,786	34 293,828	5,664	5,202
83	78	33 884	5 344,821	28 239,042	5,283	4,821
84	79	30 139	4 649,501	22 894,221	4,924	4,462
85	80	26 368	3 978,300	18 244,720	4,586	4,124
86	81	22 629	3 339,076	14 266,421	4,273	3,811
87	82	19 036	2 747,039	10 927,345	3,978	3,516
88	83	15 673	2 212,042	8 180,306	3,698	3,236
89	84	12 585	1 737,082	5 968,264	3,436	2,974
90	85	9 832	1 327,241	4 231,182	3,188	2,726
91	86	7 444	982,728	2 903,942	2,955	2,493
92	87	5 409	698,418	1 921,213	2,751	2,289
93	88	3 772	476,268	1 222,796	2,567	2,105
94	89	2 525	311,770	746,527	2,394	1,932
95	90	1 594	192,516	434,757	2,258	1,796
96	91	970	114,555	242,241	2,115	1,653
97	92	555	64,125	127,685	1,991	1,529
98	93	299	33,729	63,561	1,884	1,422
99	94	151	16,654	29,832	1,791	1,329
100	95	71	7,664	13,178	1,719	1,257

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	87 125,206	3 079 163,897	35,342	34,880
7	1	99 254	84 938,150	2 992 038,691	35,226	34,764
8	2	99 222	83 042,909	2 907 100,541	35,007	34,545
9	3	99 202	81 199,273	2 824 057,632	34,779	34,317
10	4	99 183	79 396,646	2 742 858,359	34,546	34,084
11	5	99 166	77 636,499	2 663 461,713	34,307	33,845
12	6	99 150	75 915,642	2 585 825,214	34,062	33,600
13	7	99 135	74 234,422	2 509 909,571	33,811	33,349
14	8	99 121	72 590,381	2 435 675,149	33,554	33,092
15	9	99 103	70 980,068	2 363 084,768	33,292	32,830
16	10	99 082	69 403,235	2 292 104,700	33,026	32,564
17	11	99 050	67 854,521	2 222 701,465	32,757	32,295
18	12	99 014	66 336,990	2 154 846,944	32,483	32,021
19	13	98 968	64 847,251	2 088 509,954	32,207	31,745
20	14	98 918	63 388,378	2 023 662,703	31,925	31,463
21	15	98 863	61 959,079	1 960 274,324	31,638	31,176
22	16	98 807	60 561,000	1 898 315,246	31,346	30,883
23	17	98 748	59 193,296	1 837 754,245	31,047	30,585
24	18	98 688	57 855,697	1 778 560,950	30,741	30,279
25	19	98 621	56 543,720	1 720 705,252	30,431	29,969
26	20	98 554	55 262,206	1 664 161,533	30,114	29,652
27	21	98 489	54 010,556	1 608 899,327	29,789	29,327
28	22	98 421	52 785,445	1 554 888,771	29,457	28,995
29	23	98 353	51 588,388	1 502 103,326	29,117	28,655
30	24	98 275	50 413,360	1 450 514,938	28,772	28,310
31	25	98 202	49 267,259	1 400 101,578	28,418	27,956
32	26	98 116	48 140,994	1 350 834,319	28,060	27,598
33	27	98 028	47 039,520	1 302 693,325	27,694	27,232
34	28	97 937	45 961,713	1 255 653,804	27,320	26,858
35	29	97 834	44 902,932	1 209 692,091	26,940	26,478
36	30	97 722	43 864,509	1 164 789,159	26,554	26,092
37	31	97 606	42 848,484	1 120 924,650	26,160	25,698
38	32	97 484	41 852,980	1 078 076,166	25,759	25,297
39	33	97 348	40 874,861	1 036 223,186	25,351	24,889
40	34	97 207	39 917,568	995 348,325	24,935	24,473
41	35	97 047	38 974,876	955 430,756	24,514	24,052
42	36	96 879	38 051,430	916 455,880	24,085	23,623
43	37	96 689	37 141,241	878 404,450	23,650	23,188
44	38	96 487	36 247,776	841 263,209	23,209	22,747
45	39	96 257	35 365,770	805 015,433	22,763	22,301
46	40	96 003	34 496,282	769 649,662	22,311	21,849
47	41	95 728	33 640,639	735 153,380	21,853	21,391
48	42	95 417	32 793,563	701 512,741	21,392	20,930
49	43	95 073	31 956,091	668 719,177	20,926	20,464
50	44	94 688	31 126,515	636 763,086	20,457	19,995
51	45	94 259	30 303,551	605 636,571	19,986	19,524
52	46	93 791	29 489,471	575 333,020	19,510	19,048
53	47	93 257	28 676,471	545 843,549	19,035	18,573
54	48	92 659	27 865,602	517 167,078	18,559	18,097
55	49	91 995	27 057,164	489 301,476	18,084	17,622
56	50	91 264	26 251,439	462 244,313	17,608	17,146
57	51	90 462	25 448,168	435 992,873	17,133	16,671
58	52	89 581	24 645,960	410 544,705	16,658	16,196
59	53	88 607	23 841,499	385 898,746	16,186	15,724
60	54	87 548	23 038,040	362 057,246	15,716	15,254
61	55	86 408	22 237,726	339 019,206	15,245	14,783
62	56	85 175	21 438,142	316 781,480	14,777	14,315
63	57	83 838	20 637,190	295 343,338	14,311	13,849
64	58	82 412	19 839,795	274 706,148	13,846	13,384
65	59	80 877	19 041,848	254 866,354	13,385	12,923
66	60	79 249	18 248,092	235 824,506	12,923	12,461
67	61	77 534	17 460,192	217 576,414	12,461	11,999
68	62	75 716	16 675,576	200 116,222	12,001	11,539
69	63	73 848	15 906,360	183 440,647	11,533	11,071
70	64	71 848	15 135,023	167 534,286	11,069	10,607
71	65	69 727	14 364,899	152 399,264	10,609	10,147
72	66	67 481	13 596,320	138 034,365	10,152	9,690
73	67	65 142	12 836,312	124 438,045	9,694	9,232
74	68	62 685	12 080,364	111 601,733	9,238	8,776
75	69	60 127	11 332,290	99 521,368	8,782	8,320
76	70	57 431	10 586,140	88 189,079	8,331	7,869
77	71	54 596	9 842,087	77 602,939	7,885	7,423
78	72	51 643	9 104,840	67 760,852	7,442	6,980
79	73	48 545	8 370,350	58 656,012	7,008	6,546
80	74	45 295	7 638,091	50 285,662	6,584	6,122
81	75	41 912	6 912,070	42 647,571	6,170	5,708
82	76	38 377	6 189,887	35 735,501	5,773	5,311
83	77	34 733	5 478,788	29 545,614	5,393	4,931
84	78	31 010	4 783,930	24 066,826	5,031	4,569
85	79	27 266	4 113,737	19 282,896	4,687	4,225
86	80	23 533	3 472,445	15 169,159	4,368	3,906
87	81	19 913	2 873,659	11 696,713	4,070	3,608
88	82	16 504	2 329,303	8 823,054	3,788	3,326
89	83	13 361	1 844,197	6 493,751	3,521	3,059
90	84	10 541	1 422,889	4 649,555	3,268	2,806
91	85	8 067	1 064,967	3 226,666	3,030	2,568
92	86	5 937	766,572	2 161,699	2,820	2,358
93	87	4 196	529,888	1 395,128	2,633	2,171
94	88	2 852	352,213	865,240	2,457	1,995
95	89	1 834	221,517	513,027	2,316	1,854
96	90	1 138	134,445	291,510	2,168	1,706
97	91	667	77,012	157,065	2,040	1,577
98	92	367	41,515	80,054	1,928	1,466
99	93	191	21,059	38,538	1,830	1,368
100	94	93	10,021	17,479	1,744	1,282

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	85 199,189	2 996 722,227	35,173	34,711
8	1	99 245	83 062,101	2 911 523,038	35,052	34,590
9	2	99 214	81 208,943	2 828 460,936	34,829	34,367
10	3	99 194	79 406,106	2 747 251,993	34,597	34,135
11	4	99 175	77 643,559	2 667 845,887	34,360	33,898
12	5	99 157	75 921,336	2 590 202,328	34,117	33,655
13	6	99 142	74 239,309	2 514 280,992	33,867	33,405
14	7	99 126	72 593,959	2 440 041,682	33,612	33,150
15	8	99 109	70 984,463	2 367 447,723	33,352	32,890
16	9	99 088	69 407,726	2 296 463,260	33,087	32,625
17	10	99 056	67 858,542	2 227 055,534	32,819	32,357
18	11	99 021	66 341,932	2 159 196,992	32,546	32,084
19	12	98 976	64 852,382	2 092 855,060	32,271	31,809
20	13	98 927	63 393,813	2 028 002,679	31,991	31,529
21	14	98 874	61 965,581	1 964 608,866	31,705	31,243
22	15	98 819	60 568,578	1 902 643,285	31,413	30,951
23	16	98 762	59 201,649	1 842 074,707	31,115	30,653
24	17	98 703	57 864,170	1 782 873,058	30,811	30,349
25	18	98 641	56 555,237	1 725 008,889	30,501	30,039
26	19	98 573	55 272,875	1 668 453,652	30,186	29,724
27	20	98 507	54 020,559	1 613 180,777	29,862	29,400
28	21	98 437	52 794,186	1 559 160,218	29,533	29,071
29	22	98 370	51 597,316	1 506 366,032	29,195	28,733
30	23	98 297	50 424,301	1 454 768,716	28,851	28,389
31	24	98 219	49 275,615	1 404 344,415	28,500	28,038
32	25	98 135	48 149,972	1 355 068,800	28,143	27,681
33	26	98 048	47 048,675	1 306 918,828	27,778	27,316
34	27	97 959	45 971,755	1 259 870,153	27,405	26,943
35	28	97 859	44 914,133	1 213 898,398	27,027	26,565
36	29	97 747	43 875,863	1 168 984,265	26,643	26,181
37	30	97 635	42 861,211	1 125 108,402	26,250	25,788
38	31	97 515	41 866,343	1 082 247,191	25,850	25,388
39	32	97 381	40 889,052	1 040 380,847	25,444	24,982
40	33	97 241	39 931,786	999 491,795	25,030	24,568
41	34	97 085	38 990,126	959 560,009	24,610	24,148
42	35	96 918	38 066,751	920 569,884	24,183	23,721
43	36	96 735	37 158,663	882 503,132	23,750	23,288
44	37	96 531	36 264,466	845 344,470	23,311	22,849
45	38	96 313	35 386,495	809 080,003	22,864	22,402
46	39	96 060	34 516,844	773 693,509	22,415	21,953
47	40	95 793	33 663,487	739 176,664	21,958	21,496
48	41	95 490	32 818,599	705 513,178	21,497	21,035
49	42	95 152	31 982,631	672 694,578	21,033	20,571
50	43	94 774	31 154,552	640 711,948	20,566	20,104
51	44	94 355	30 334,494	609 557,396	20,095	19,633
52	45	93 895	29 522,298	579 222,902	19,620	19,158
53	46	93 376	28 712,929	549 700,604	19,145	18,683
54	47	92 792	27 905,606	520 987,675	18,670	18,208
55	48	92 142	27 100,513	493 082,069	18,195	17,733
56	49	91 429	26 299,079	465 981,556	17,719	17,257
57	50	90 640	25 498,417	439 682,478	17,244	16,782
58	51	89 780	24 700,518	414 184,061	16,768	16,306
59	52	88 825	23 900,182	389 483,543	16,296	15,834
60	53	87 788	23 101,179	365 583,362	15,825	15,363
61	54	86 669	22 304,855	342 482,183	15,355	14,893
62	55	85 458	21 509,411	320 177,328	14,885	14,423
63	56	84 142	20 712,145	298 667,916	14,420	13,958
64	57	82 742	19 919,318	277 955,772	13,954	13,492
65	58	81 235	19 126,205	258 036,453	13,491	13,029
66	59	79 634	18 336,658	238 910,249	13,029	12,567
67	60	77 954	17 554,830	220 573,591	12,565	12,103
68	61	76 142	16 769,402	203 018,760	12,106	11,644
69	62	74 300	16 003,608	186 249,358	11,638	11,176
70	63	72 324	15 235,338	170 245,750	11,174	10,712
71	64	70 238	14 470,350	155 010,411	10,712	10,250
72	65	68 026	13 706,136	140 540,062	10,254	9,792
73	66	65 716	12 949,431	126 833,926	9,795	9,333
74	67	63 299	12 198,623	113 884,495	9,336	8,874
75	68	60 747	11 449,241	101 685,872	8,881	8,419
76	69	58 080	10 705,747	90 236,631	8,429	7,967
77	70	55 270	9 963,477	79 530,884	7,982	7,520
78	71	52 344	9 228,412	69 567,408	7,538	7,076
79	72	49 255	8 492,724	60 338,995	7,105	6,643
80	73	46 007	7 758,209	51 846,271	6,683	6,221
81	74	42 641	7 032,383	44 088,062	6,269	5,807
82	75	39 123	6 310,207	37 055,679	5,872	5,410
83	76	35 508	5 601,037	30 745,472	5,489	5,027
84	77	31 787	4 903,838	25 144,435	5,128	4,665
85	78	28 054	4 232,677	20 240,597	4,782	4,320
86	79	24 334	3 590,662	16 007,921	4,458	3,996
87	80	20 709	2 988,439	12 417,259	4,155	3,693
88	81	17 265	2 436,669	9 428,819	3,870	3,408
89	82	14 069	1 941,958	6 992,151	3,601	3,139
90	83	11 191	1 510,629	5 050,193	3,343	2,881
91	84	8 648	1 141,714	3 539,564	3,100	2,638
92	85	6 434	830,721	2 397,851	2,886	2,424
93	86	4 606	581,596	1 567,130	2,695	2,233
94	87	3 173	391,866	985,533	2,515	2,053
95	88	2 072	250,252	593,667	2,372	1,910
96	89	1 310	154,697	343,415	2,220	1,758
97	90	782	90,382	188,718	2,088	1,626
98	91	441	49,858	98,336	1,972	1,510
99	92	235	25,921	48,477	1,870	1,408
100	93	117	12,672	22,556	1,780	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	83 317,374	2 915 838,410	34,997	34,535
9	1	99 237	81 227,711	2 832 521,036	34,871	34,409
10	2	99 206	79 415,563	2 751 293,324	34,644	34,182
11	3	99 187	77 652,811	2 671 877,762	34,408	33,946
12	4	99 166	75 928,240	2 594 224,951	34,167	33,705
13	5	99 149	74 244,877	2 518 296,711	33,919	33,457
14	6	99 132	72 598,738	2 444 051,833	33,665	33,203
15	7	99 114	70 987,962	2 371 453,095	33,406	32,944
16	8	99 094	69 412,023	2 300 465,133	33,142	32,680
17	9	99 062	67 862,933	2 231 053,109	32,876	32,414
18	10	99 027	66 345,863	2 163 190,176	32,605	32,143
19	11	98 983	64 857,212	2 096 844,313	32,330	31,868
20	12	98 934	63 398,828	2 031 987,101	32,051	31,589
21	13	98 882	61 970,893	1 968 588,273	31,766	31,304
22	14	98 829	60 574,934	1 906 617,379	31,475	31,013
23	15	98 774	59 209,056	1 846 042,445	31,178	30,716
24	16	98 717	57 872,336	1 786 833,389	30,875	30,413
25	17	98 655	56 563,519	1 728 961,053	30,567	30,105
26	18	98 593	55 284,133	1 672 397,535	30,251	29,789
27	19	98 526	54 030,988	1 617 113,401	29,929	29,467
28	20	98 455	52 803,963	1 563 082,413	29,602	29,140
29	21	98 386	51 605,860	1 510 278,450	29,266	28,804
30	22	98 314	50 433,029	1 458 672,590	28,923	28,461
31	23	98 240	49 286,309	1 408 239,561	28,573	28,111
32	24	98 151	48 158,138	1 358 953,252	28,219	27,757
33	25	98 066	47 057,449	1 310 795,114	27,855	27,393
34	26	97 978	45 980,701	1 263 737,665	27,484	27,022
35	27	97 880	44 923,946	1 217 756,963	27,107	26,645
36	28	97 772	43 886,808	1 172 833,017	26,724	26,262
37	29	97 661	42 872,306	1 128 946,209	26,333	25,871
38	30	97 544	41 878,779	1 086 073,903	25,934	25,472
39	31	97 413	40 902,107	1 044 195,125	25,529	25,067
40	32	97 275	39 945,649	1 003 293,017	25,116	24,654
41	33	97 119	39 004,013	963 347,368	24,699	24,237
42	34	96 956	38 081,646	924 343,355	24,273	23,811
43	35	96 774	37 173,624	886 261,709	23,841	23,379
44	36	96 576	36 281,477	849 088,085	23,403	22,941
45	37	96 358	35 402,788	812 806,609	22,959	22,497
46	38	96 117	34 537,071	777 403,820	22,509	22,047
47	39	95 850	33 683,552	742 866,749	22,054	21,592
48	40	95 555	32 840,888	709 183,197	21,595	21,133
49	41	95 224	32 007,048	676 342,309	21,131	20,669
50	42	94 852	31 180,426	644 335,261	20,665	20,203
51	43	94 440	30 361,817	613 154,836	20,195	19,733
52	44	93 991	29 552,443	582 793,018	19,721	19,259
53	45	93 480	28 744,892	553 240,576	19,247	18,785
54	46	92 910	27 941,083	524 495,683	18,771	18,309
55	47	92 275	27 139,418	496 554,600	18,296	17,834
56	48	91 576	26 341,214	469 415,182	17,821	17,359
57	49	90 805	25 544,690	443 073,968	17,345	16,883
58	50	89 957	24 749,290	417 529,278	16,870	16,408
59	51	89 022	23 953,089	392 779,988	16,398	15,936
60	52	88 004	23 158,039	368 826,899	15,927	15,465
61	53	86 906	22 365,984	345 668,861	15,455	14,993
62	54	85 716	21 574,342	323 302,876	14,986	14,524
63	55	84 422	20 781,000	301 728,534	14,519	14,057
64	56	83 043	19 991,666	280 947,534	14,053	13,591
65	57	81 561	19 202,868	260 955,868	13,589	13,127
66	58	79 987	18 417,891	241 753,000	13,126	12,664
67	59	78 332	17 640,032	223 335,109	12,661	12,199
68	60	76 555	16 860,297	205 695,077	12,200	11,738
69	61	74 718	16 093,654	188 834,781	11,733	11,271
70	62	72 766	15 328,484	172 741,126	11,269	10,807
71	63	70 704	14 566,260	157 412,643	10,807	10,345
72	64	68 525	13 806,750	142 846,383	10,346	9,884
73	65	66 247	13 054,022	129 039,632	9,885	9,423
74	66	63 857	12 306,122	115 985,611	9,425	8,963
75	67	61 342	11 561,321	103 679,489	8,968	8,506
76	68	58 680	10 816,232	92 118,167	8,517	8,055
77	69	55 894	10 076,048	81 301,935	8,069	7,607
78	70	52 989	9 342,233	71 225,887	7,624	7,162
79	71	49 923	8 607,988	61 883,653	7,189	6,727
80	72	46 680	7 871,634	53 275,665	6,768	6,306
81	73	43 312	7 142,976	45 404,031	6,356	5,894
82	74	39 804	6 420,044	38 261,055	5,960	5,498
83	75	36 198	5 709,911	31 841,011	5,576	5,114
84	76	32 497	5 013,258	26 131,101	5,212	4,750
85	77	28 757	4 338,768	21 117,843	4,867	4,405
86	78	25 038	3 694,477	16 779,075	4,542	4,080
87	79	21 414	3 090,178	13 084,597	4,234	3,772
88	80	17 955	2 533,994	9 994,419	3,944	3,482
89	81	14 718	2 031,469	7 460,425	3,672	3,210
90	82	11 784	1 590,707	5 428,955	3,413	2,951
91	83	9 181	1 212,116	3 838,248	3,167	2,705
92	84	6 898	890,587	2 626,133	2,949	2,487
93	85	4 991	630,266	1 735,545	2,754	2,292
94	86	3 483	430,106	1 105,279	2,570	2,108
95	87	2 305	278,426	675,173	2,425	1,963
96	88	1 480	174,765	396,747	2,270	1,808
97	89	900	103,998	221,983	2,134	1,672
98	90	518	58,515	117,985	2,016	1,554
99	91	282	31,130	59,470	1,910	1,448
100	92	144	15,598	28,340	1,817	1,355

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	81 477,347	2 836 496,085	34,813	34,351
10	1	99 229	79 433,916	2 755 018,738	34,683	34,221
11	2	99 199	77 662,059	2 675 584,822	34,452	33,990
12	3	99 178	75 937,287	2 597 922,763	34,211	33,749
13	4	99 158	74 251,629	2 521 985,476	33,965	33,503
14	5	99 140	72 604,183	2 447 733,847	33,713	33,251
15	6	99 120	70 992,636	2 375 129,664	33,456	32,994
16	7	99 099	69 415,445	2 304 137,028	33,193	32,731
17	8	99 069	67 867,135	2 234 721,583	32,928	32,466
18	9	99 033	66 350,156	2 166 854,448	32,658	32,196
19	10	98 989	64 861,056	2 100 504,292	32,385	31,923
20	11	98 942	63 403,551	2 035 643,236	32,106	31,644
21	12	98 890	61 975,797	1 972 239,685	31,823	31,361
22	13	98 838	60 580,127	1 910 263,889	31,533	31,071
23	14	98 785	59 215,270	1 849 683,762	31,237	30,775
24	15	98 729	57 879,576	1 790 468,492	30,934	30,472
25	16	98 669	56 571,501	1 732 588,915	30,627	30,165
26	17	98 608	55 292,229	1 676 017,414	30,312	29,850
27	18	98 546	54 041,993	1 620 725,185	29,990	29,528
28	19	98 474	52 814,158	1 566 683,192	29,664	29,202
29	20	98 405	51 615,418	1 513 869,034	29,330	28,868
30	21	98 330	50 441,380	1 462 253,617	28,989	28,527
31	22	98 257	49 294,840	1 411 812,237	28,640	28,178
32	23	98 173	48 168,590	1 362 517,397	28,286	27,824
33	24	98 082	47 065,430	1 314 348,807	27,926	27,464
34	25	97 996	45 989,277	1 267 283,377	27,556	27,094
35	26	97 899	44 932,689	1 221 294,101	27,181	26,719
36	27	97 793	43 896,396	1 176 361,412	26,799	26,337
37	28	97 685	42 883,001	1 132 465,016	26,408	25,946
38	29	97 569	41 889,619	1 089 582,015	26,011	25,549
39	30	97 442	40 914,256	1 047 692,396	25,607	25,145
40	31	97 306	39 958,403	1 006 778,140	25,196	24,734
41	32	97 153	39 017,554	966 819,736	24,779	24,317
42	33	96 991	38 095,209	927 802,182	24,355	23,893
43	34	96 812	37 188,169	889 706,973	23,924	23,462
44	35	96 615	36 296,085	852 518,804	23,488	23,026
45	36	96 403	35 419,394	816 222,719	23,045	22,582
46	37	96 161	34 552,973	780 803,324	22,597	22,135
47	38	95 907	33 703,291	746 250,351	22,142	21,680
48	39	95 612	32 860,463	712 547,060	21,684	21,222
49	40	95 289	32 028,786	679 686,597	21,221	20,759
50	41	94 925	31 204,230	647 657,811	20,755	20,293
51	42	94 519	30 387,033	616 453,581	20,287	19,825
52	43	94 076	29 579,062	586 066,548	19,814	19,352
53	44	93 575	28 774,243	556 487,487	19,340	18,878
54	45	93 013	27 972,187	527 713,243	18,866	18,404
55	46	92 392	27 173,922	499 741,056	18,390	17,928
56	47	91 707	26 379,029	472 567,134	17,915	17,452
57	48	90 950	25 585,616	446 188,105	17,439	16,977
58	49	90 120	24 794,204	420 602,489	16,964	16,502
59	50	89 198	24 000,385	395 808,286	16,492	16,030
60	51	88 198	23 209,303	371 807,900	16,020	15,558
61	52	87 120	22 421,035	348 598,597	15,548	15,086
62	53	85 951	21 633,470	326 177,562	15,077	14,615
63	54	84 677	20 843,732	304 544,093	14,611	14,149
64	55	83 319	20 058,126	283 700,360	14,144	13,682
65	56	81 857	19 272,613	263 642,234	13,680	13,218
66	57	80 307	18 491,715	244 369,621	13,215	12,753
67	58	78 679	17 718,179	225 877,906	12,748	12,286
68	59	76 926	16 942,127	208 159,727	12,287	11,825
69	60	75 123	16 180,886	191 217,600	11,817	11,355
70	61	73 176	15 414,731	175 036,714	11,355	10,893
71	62	71 136	14 655,315	159 621,984	10,892	10,430
72	63	68 979	13 898,262	144 966,668	10,431	9,969
73	64	66 733	13 149,849	131 068,406	9,967	9,505
74	65	64 372	12 405,517	117 918,557	9,505	9,043
75	66	61 882	11 663,204	105 513,040	9,047	8,585
76	67	59 254	10 922,116	93 849,836	8,593	8,131
77	68	56 471	10 180,035	82 927,720	8,146	7,684
78	69	53 588	9 447,786	72 747,685	7,700	7,238
79	70	50 539	8 714,157	63 299,899	7,264	6,802
80	71	47 313	7 978,469	54 585,741	6,842	6,380
81	72	43 945	7 247,406	46 607,273	6,431	5,969
82	73	40 430	6 521,007	39 359,867	6,036	5,574
83	74	36 828	5 809,299	32 838,860	5,653	5,191
84	75	33 128	5 110,707	27 029,561	5,289	4,827
85	76	29 399	4 435,579	21 918,855	4,942	4,480
86	77	25 665	3 787,079	17 483,276	4,617	4,155
87	78	22 033	3 179,524	13 696,197	4,308	3,846
88	79	18 566	2 620,262	10 516,673	4,014	3,552
89	80	15 306	2 112,611	7 896,411	3,738	3,276
90	81	12 327	1 664,029	5 783,801	3,476	3,014
91	82	9 668	1 276,370	4 119,772	3,228	2,766
92	83	7 323	945,504	2 843,402	3,007	2,545
93	84	5 351	675,686	1 897,898	2,809	2,347
94	85	3 774	466,099	1 222,212	2,622	2,160
95	86	2 530	305,596	756,113	2,474	2,012
96	87	1 646	194,440	450,517	2,317	1,855
97	88	1 017	117,488	256,077	2,180	1,718
98	89	596	67,330	138,589	2,058	1,596
99	90	331	36,535	71,260	1,950	1,488
100	91	173	18,732	34,725	1,854	1,392

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	79 678,039	2 758 679,969	34,623	34,161
11	1	99 221	77 680,007	2 679 001,930	34,488	34,026
12	2	99 190	75 946,331	2 601 321,923	34,252	33,790
13	3	99 170	74 260,476	2 525 375,592	34,007	33,545
14	4	99 149	72 610,786	2 451 115,115	33,757	33,295
15	5	99 128	70 997,960	2 378 504,330	33,501	33,039
16	6	99 106	69 420,015	2 307 506,370	33,240	32,778
17	7	99 073	67 870,480	2 238 086,355	32,976	32,514
18	8	99 040	66 354,264	2 170 215,874	32,707	32,244
19	9	98 995	64 865,253	2 103 861,610	32,434	31,972
20	10	98 948	63 407,308	2 038 996,357	32,157	31,695
21	11	98 897	61 980,413	1 975 589,049	31,874	31,412
22	12	98 846	60 584,920	1 913 608,636	31,586	31,124
23	13	98 793	59 220,347	1 853 023,716	31,290	30,828
24	14	98 739	57 885,651	1 793 803,369	30,989	30,527
25	15	98 681	56 578,579	1 735 917,718	30,682	30,220
26	16	98 622	55 300,032	1 679 339,139	30,368	29,906
27	17	98 561	54 049,907	1 624 039,107	30,047	29,585
28	18	98 494	52 824,915	1 569 989,200	29,721	29,259
29	19	98 424	51 625,383	1 517 164,285	29,388	28,926
30	20	98 348	50 450,722	1 465 538,903	29,049	28,587
31	21	98 273	49 303,002	1 415 088,181	28,702	28,240
32	22	98 190	48 176,927	1 365 785,179	28,349	27,887
33	23	98 104	47 075,645	1 317 608,252	27,989	27,527
34	24	98 013	45 997,076	1 270 532,607	27,622	27,160
35	25	97 917	44 941,069	1 224 535,531	27,248	26,786
36	26	97 812	43 904,939	1 179 594,463	26,867	26,405
37	27	97 706	42 892,370	1 135 689,524	26,478	26,016
38	28	97 593	41 900,069	1 092 797,154	26,081	25,619
39	29	97 467	40 924,847	1 050 897,086	25,679	25,217
40	30	97 335	39 970,272	1 009 972,239	25,268	24,806
41	31	97 184	39 030,012	970 001,967	24,853	24,391
42	32	97 024	38 108,435	930 971,955	24,430	23,968
43	33	96 846	37 201,415	892 863,520	24,001	23,539
44	34	96 653	36 310,287	855 662,105	23,565	23,103
45	35	96 442	35 433,656	819 351,818	23,124	22,662
46	36	96 206	34 569,181	783 918,163	22,677	22,215
47	37	95 951	33 718,809	749 348,982	22,223	21,761
48	38	95 668	32 879,720	715 630,173	21,765	21,303
49	39	95 346	32 047,877	682 750,453	21,304	20,842
50	40	94 989	31 225,423	650 702,577	20,839	20,377
51	41	94 591	30 410,232	619 477,154	20,371	19,909
52	42	94 154	29 603,627	589 066,922	19,898	19,436
53	43	93 659	28 800,161	559 463,295	19,426	18,964
54	44	93 108	28 000,749	530 663,134	18,952	18,490
55	45	92 495	27 204,172	502 662,385	18,477	18,015
56	46	91 824	26 412,566	475 458,213	18,001	17,539
57	47	91 081	25 622,347	449 045,647	17,526	17,064
58	48	90 265	24 833,927	423 423,300	17,050	16,588
59	49	89 360	24 043,940	398 589,373	16,578	16,116
60	50	88 373	23 255,131	374 545,433	16,106	15,644
61	51	87 313	22 470,668	351 290,302	15,633	15,171
62	52	86 163	21 686,717	328 819,634	15,162	14,700
63	53	84 909	20 900,857	307 132,917	14,695	14,233
64	54	83 570	20 118,676	286 232,060	14,227	13,765
65	55	82 129	19 336,683	266 113,384	13,762	13,300
66	56	80 599	18 558,878	246 776,701	13,297	12,835
67	57	78 995	17 789,198	228 217,823	12,829	12,367
68	58	77 267	17 017,182	210 428,625	12,366	11,904
69	59	75 487	16 259,419	193 411,443	11,895	11,433
70	60	73 573	15 498,283	177 152,024	11,430	10,968
71	61	71 536	14 737,775	161 653,741	10,969	10,507
72	62	69 401	13 983,233	146 915,967	10,507	10,045
73	63	67 176	13 237,007	132 932,734	10,043	9,580
74	64	64 845	12 496,584	119 695,726	9,578	9,116
75	65	62 382	11 757,407	107 199,143	9,118	8,656
76	66	59 776	11 018,366	95 441,736	8,662	8,200
77	67	57 024	10 279,691	84 423,370	8,213	7,751
78	68	54 141	9 545,289	74 143,679	7,768	7,306
79	69	51 110	8 812,614	64 598,390	7,330	6,868
80	70	47 897	8 076,873	55 785,777	6,907	6,445
81	71	44 542	7 345,769	47 708,903	6,495	6,033
82	72	41 021	6 616,344	40 363,135	6,101	5,639
83	73	37 407	5 900,657	33 746,791	5,719	5,257
84	74	33 705	5 199,665	27 846,134	5,355	4,893
85	75	29 970	4 521,799	22 646,469	5,008	4,546
86	76	26 238	3 871,580	18 124,671	4,681	4,219
87	77	22 585	3 259,218	14 253,091	4,373	3,911
88	78	19 103	2 696,021	10 993,873	4,078	3,616
89	79	15 827	2 184,533	8 297,852	3,798	3,336
90	80	12 819	1 730,494	6 113,320	3,533	3,071
91	81	10 114	1 335,202	4 382,826	3,283	2,821
92	82	7 711	995,625	3 047,624	3,061	2,599
93	83	5 681	717,352	2 051,998	2,861	2,399
94	84	4 046	499,688	1 334,647	2,671	2,209
95	85	2 742	331,169	834,959	2,521	2,059
96	86	1 807	213,414	503,790	2,361	1,899
97	87	1 132	130,715	290,376	2,221	1,759
98	88	673	76,064	159,660	2,099	1,637
99	89	380	42,038	83,597	1,989	1,527
100	90	203	21,984	41,558	1,890	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	77 918,739	2 682 374,334	34,425	33,963
12	1	99 213	75 963,883	2 604 455,594	34,285	33,823
13	2	99 182	74 269,320	2 528 491,711	34,045	33,583
14	3	99 161	72 619,437	2 454 222,391	33,796	33,334
15	4	99 137	71 004,416	2 381 602,954	33,542	33,080
16	5	99 113	69 425,221	2 310 598,537	33,282	32,820
17	6	99 080	67 874,948	2 241 173,316	33,019	32,557
18	7	99 044	66 357,536	2 173 298,368	32,751	32,289
19	8	99 002	64 869,269	2 106 940,832	32,480	32,018
20	9	98 954	63 411,411	2 042 071,563	32,204	31,742
21	10	98 903	61 984,086	1 978 660,152	31,922	31,460
22	11	98 853	60 589,433	1 916 676,066	31,634	31,172
23	12	98 801	59 225,032	1 856 086,633	31,340	30,878
24	13	98 748	57 890,613	1 796 861,601	31,039	30,577
25	14	98 692	56 584,517	1 738 970,988	30,732	30,270
26	15	98 634	55 306,951	1 682 386,471	30,419	29,957
27	16	98 575	54 057,535	1 627 079,520	30,099	29,637
28	17	98 509	52 832,651	1 573 021,985	29,774	29,312
29	18	98 444	51 635,898	1 520 189,334	29,441	28,979
30	19	98 367	50 460,462	1 468 553,436	29,103	28,641
31	20	98 292	49 312,133	1 418 092,975	28,757	28,295
32	21	98 206	48 184,904	1 368 780,842	28,407	27,945
33	22	98 121	47 083,792	1 320 595,937	28,048	27,586
34	23	98 034	46 007,059	1 273 512,145	27,681	27,219
35	24	97 934	44 948,691	1 227 505,086	27,309	26,847
36	25	97 830	43 913,127	1 182 556,395	26,929	26,467
37	26	97 725	42 900,717	1 138 643,268	26,541	26,079
38	27	97 615	41 909,223	1 095 742,552	26,146	25,684
39	28	97 491	40 935,056	1 053 833,329	25,744	25,282
40	29	97 360	39 980,618	1 012 898,273	25,335	24,873
41	30	97 213	39 041,605	972 917,655	24,920	24,458
42	31	97 055	38 120,603	933 876,050	24,498	24,036
43	32	96 880	37 214,330	895 755,447	24,070	23,608
44	33	96 687	36 323,219	858 541,117	23,636	23,174
45	34	96 480	35 447,520	822 217,898	23,195	22,733
46	35	96 245	34 583,100	786 770,378	22,750	22,288
47	36	95 996	33 734,625	752 187,278	22,297	21,835
48	37	95 712	32 894,859	718 452,653	21,841	21,379
49	38	95 402	32 066,657	685 557,794	21,379	20,917
50	39	95 046	31 244,035	653 491,137	20,916	20,454
51	40	94 655	30 430,885	622 247,102	20,448	19,986
52	41	94 226	29 626,228	591 816,218	19,976	19,514
53	42	93 737	28 824,080	562 189,990	19,504	19,042
54	43	93 192	28 025,970	533 365,910	19,031	18,569
55	44	92 589	27 231,949	505 339,939	18,557	18,095
56	45	91 926	26 441,968	478 107,990	18,081	17,619
57	46	91 197	25 654,922	451 666,022	17,605	17,143
58	47	90 394	24 869,579	426 011,100	17,130	16,668
59	48	89 503	24 082,462	401 141,521	16,657	16,195
60	49	88 533	23 297,333	377 059,060	16,185	15,723
61	50	87 485	22 515,037	353 761,726	15,712	15,250
62	51	86 353	21 734,724	331 246,689	15,240	14,778
63	52	85 118	20 952,301	309 511,965	14,772	14,310
64	53	83 799	20 173,814	288 559,663	14,304	13,842
65	54	82 377	19 395,055	268 385,850	13,838	13,376
66	55	80 867	18 620,575	248 990,794	13,372	12,910
67	56	79 282	17 853,809	230 370,219	12,903	12,441
68	57	77 577	17 085,392	212 516,410	12,438	11,976
69	58	75 822	16 331,449	195 431,018	11,967	11,505
70	59	73 930	15 573,503	179 099,569	11,500	11,038
71	60	71 924	14 817,657	163 526,066	11,036	10,574
72	61	69 792	14 061,911	148 708,410	10,575	10,113
73	62	67 586	13 317,935	134 646,498	10,110	9,648
74	63	65 275	12 579,412	121 328,563	9,645	9,183
75	64	62 840	11 843,716	108 749,151	9,182	8,720
76	65	60 259	11 107,360	96 905,435	8,724	8,262
77	66	57 526	10 370,280	85 798,075	8,273	7,811
78	67	54 671	9 638,731	75 427,796	7,825	7,363
79	68	51 638	8 903,562	65 789,065	7,389	6,927
80	69	48 438	8 168,129	56 885,503	6,964	6,502
81	70	45 091	7 436,370	48 717,374	6,551	6,089
82	71	41 578	6 706,142	41 281,004	6,156	5,694
83	72	37 954	5 986,924	34 574,863	5,775	5,313
84	73	34 235	5 281,436	28 587,938	5,413	4,951
85	74	30 492	4 600,506	23 306,502	5,066	4,604
86	75	26 748	3 946,837	18 705,997	4,739	4,277
87	76	23 089	3 331,941	14 759,160	4,430	3,968
88	77	19 582	2 763,596	11 427,219	4,135	3,673
89	78	16 284	2 247,693	8 663,623	3,854	3,392
90	79	13 256	1 789,407	6 415,930	3,586	3,123
91	80	10 518	1 388,533	4 626,523	3,332	2,870
92	81	8 067	1 041,517	3 237,990	3,109	2,647
93	82	5 982	755,379	2 196,473	2,908	2,446
94	83	4 296	530,501	1 441,094	2,716	2,254
95	84	2 940	355,035	910,594	2,565	2,103
96	85	1 958	231,274	555,559	2,402	1,940
97	86	1 242	143,471	324,286	2,260	1,798
98	87	749	84,627	180,815	2,137	1,675
99	88	430	47,492	96,188	2,025	1,563
100	89	234	25,296	48,696	1,925	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	76 197,341	2 607 562,536	34,221	33,759
13	1	99 205	74 286,485	2 531 365,195	34,076	33,614
14	2	99 172	72 628,086	2 457 078,711	33,831	33,369
15	3	99 149	71 012,877	2 384 450,625	33,578	33,116
16	4	99 122	69 431,535	2 313 437,748	33,320	32,858
17	5	99 087	67 880,039	2 244 006,213	33,058	32,596
18	6	99 051	66 361,904	2 176 126,174	32,792	32,330
19	7	99 006	64 872,467	2 109 764,270	32,522	32,060
20	8	98 960	63 415,337	2 044 891,803	32,246	31,784
21	9	98 909	61 988,097	1 981 476,466	31,965	31,503
22	10	98 859	60 593,023	1 919 488,369	31,678	31,216
23	11	98 808	59 229,444	1 858 895,346	31,385	30,923
24	12	98 756	57 895,193	1 799 665,902	31,085	30,623
25	13	98 700	56 589,368	1 741 770,708	30,779	30,317
26	14	98 644	55 312,755	1 685 181,341	30,466	30,004
27	15	98 587	54 064,298	1 629 868,586	30,147	29,685
28	16	98 523	52 840,106	1 575 804,287	29,822	29,360
29	17	98 458	51 643,459	1 522 964,181	29,490	29,028
30	18	98 387	50 470,740	1 471 320,721	29,152	28,690
31	19	98 311	49 321,653	1 420 849,982	28,808	28,346
32	20	98 224	48 193,828	1 371 528,328	28,459	27,997
33	21	98 137	47 091,589	1 323 334,500	28,101	27,639
34	22	98 051	46 015,022	1 276 242,911	27,735	27,273
35	23	97 955	44 958,446	1 230 227,889	27,364	26,902
36	24	97 847	43 920,575	1 185 269,444	26,987	26,525
37	25	97 744	42 908,718	1 141 348,869	26,599	26,137
38	26	97 634	41 917,379	1 098 440,151	26,205	25,743
39	27	97 512	40 943,999	1 056 522,773	25,804	25,342
40	28	97 385	39 990,592	1 015 578,774	25,395	24,933
41	29	97 238	39 051,711	975 588,182	24,982	24,520
42	30	97 084	38 131,925	936 536,471	24,560	24,098
43	31	96 911	37 226,212	898 404,546	24,134	23,672
44	32	96 721	36 335,830	861 178,334	23,701	23,239
45	33	96 514	35 460,145	824 842,504	23,261	22,799
46	34	96 282	34 596,631	789 382,359	22,817	22,355
47	35	96 034	33 748,208	754 785,727	22,365	21,903
48	36	95 757	32 910,289	721 037,519	21,909	21,447
49	37	95 446	32 081,421	688 127,230	21,449	20,987
50	38	95 102	31 262,344	656 045,809	20,985	20,523
51	39	94 711	30 449,024	624 783,465	20,519	20,057
52	40	94 290	29 646,349	594 334,441	20,047	19,585
53	41	93 809	28 846,085	564 688,092	19,576	19,114
54	42	93 270	28 049,246	535 842,007	19,104	18,642
55	43	92 673	27 256,478	507 792,761	18,630	18,168
56	44	92 020	26 468,968	480 536,283	18,155	17,693
57	45	91 298	25 683,481	454 067,315	17,679	17,217
58	46	90 509	24 901,197	428 383,835	17,203	16,741
59	47	89 631	24 117,034	403 482,638	16,730	16,268
60	48	88 675	23 334,659	379 365,603	16,258	15,796
61	49	87 644	22 555,896	356 030,945	15,784	15,322
62	50	86 524	21 777,641	333 475,049	15,313	14,851
63	51	85 306	20 998,683	311 697,408	14,844	14,382
64	52	84 006	20 223,468	290 698,725	14,374	13,912
65	53	82 603	19 448,210	270 475,257	13,907	13,445
66	54	81 111	18 676,785	251 027,047	13,441	12,979
67	55	79 545	17 913,162	232 350,261	12,971	12,509
68	56	77 858	17 147,447	214 437,099	12,505	12,043
69	57	76 126	16 396,910	197 289,652	12,032	11,570
70	58	74 257	15 642,495	180 892,742	11,564	11,102
71	59	72 273	14 889,574	165 250,247	11,098	10,636
72	60	70 170	14 138,130	150 360,674	10,635	10,173
73	61	67 967	13 392,870	136 222,543	10,171	9,709
74	62	65 674	12 656,320	122 829,674	9,705	9,243
75	63	63 257	11 922,217	110 173,354	9,241	8,779
76	64	60 701	11 188,897	98 251,137	8,781	8,319
77	65	57 991	10 454,039	87 062,240	8,328	7,866
78	66	55 153	9 723,671	76 608,201	7,879	7,417
79	67	52 143	8 990,721	66 884,530	7,439	6,977
80	68	48 938	8 252,426	57 893,809	7,015	6,553
81	69	45 600	7 520,389	49 641,382	6,601	6,139
82	70	42 091	6 788,854	42 120,993	6,204	5,742
83	71	38 469	6 068,180	35 332,140	5,823	5,361
84	72	34 736	5 358,650	29 263,960	5,461	4,999
85	73	30 972	4 672,855	23 905,310	5,116	4,654
86	74	27 214	4 015,536	19 232,455	4,790	4,327
87	75	23 538	3 396,708	15 216,919	4,480	4,018
88	76	20 018	2 825,260	11 820,212	4,184	3,722
89	77	16 693	2 304,031	8 994,951	3,904	3,442
90	78	13 639	1 841,143	6 690,920	3,634	3,172
91	79	10 876	1 435,805	4 849,777	3,378	2,916
92	80	8 389	1 083,118	3 413,972	3,152	2,690
93	81	6 258	790,197	2 330,855	2,950	2,488
94	82	4 523	558,623	1 540,658	2,758	2,296
95	83	3 121	376,927	982,035	2,605	2,143
96	84	2 099	247,940	605,108	2,441	1,979
97	85	1 346	155,477	357,168	2,297	1,835
98	86	822	92,885	201,691	2,171	1,709
99	87	478	52,838	108,806	2,059	1,597
100	88	264	28,578	55,967	1,958	1,496

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	74 514,787	2 534 228,371	34,010	33,548
14	1	99 195	72 644,871	2 459 713,584	33,859	33,397
15	2	99 160	71 021,334	2 387 068,713	33,611	33,149
16	3	99 134	69 439,808	2 316 047,379	33,353	32,891
17	4	99 096	67 886,212	2 246 607,571	33,094	32,632
18	5	99 058	66 366,881	2 178 721,359	32,828	32,366
19	6	99 013	64 876,738	2 112 354,478	32,560	32,097
20	7	98 965	63 418,464	2 047 477,740	32,285	31,823
21	8	98 916	61 991,935	1 984 059,277	32,005	31,543
22	9	98 865	60 596,944	1 922 067,342	31,719	31,257
23	10	98 814	59 232,954	1 861 470,397	31,426	30,964
24	11	98 763	57 899,506	1 802 237,444	31,127	30,665
25	12	98 708	56 593,845	1 744 337,938	30,822	30,360
26	13	98 653	55 317,497	1 687 744,093	30,510	30,048
27	14	98 597	54 069,972	1 632 426,596	30,191	29,729
28	15	98 535	52 846,718	1 578 356,623	29,867	29,405
29	16	98 472	51 650,747	1 525 509,906	29,535	29,073
30	17	98 402	50 478,130	1 473 859,158	29,198	28,736
31	18	98 331	49 331,699	1 423 381,028	28,853	28,391
32	19	98 243	48 203,133	1 374 049,328	28,505	28,043
33	20	98 155	47 100,310	1 325 846,196	28,149	27,687
34	21	98 067	46 022,641	1 278 745,885	27,785	27,323
35	22	97 972	44 966,227	1 232 723,244	27,414	26,952
36	23	97 868	43 930,107	1 187 757,017	27,037	26,575
37	24	97 760	42 915,995	1 143 826,910	26,653	26,191
38	25	97 652	41 925,196	1 100 910,916	26,259	25,797
39	26	97 531	40 951,967	1 058 985,720	25,859	25,397
40	27	97 406	39 999,329	1 018 033,752	25,451	24,989
41	28	97 262	39 061,452	978 034,424	25,038	24,576
42	29	97 109	38 141,796	938 972,971	24,618	24,156
43	30	96 939	37 237,269	900 831,175	24,192	23,730
44	31	96 752	36 347,432	863 593,906	23,759	23,297
45	32	96 547	35 472,456	827 246,475	23,321	22,859
46	33	96 317	34 608,954	791 774,019	22,878	22,416
47	34	96 072	33 761,413	757 165,065	22,427	21,965
48	35	95 796	32 923,540	723 403,652	21,972	21,510
49	36	95 490	32 096,470	690 480,112	21,513	21,051
50	37	95 145	31 276,738	658 383,642	21,050	20,588
51	38	94 767	30 466,867	627 106,904	20,583	20,121
52	39	94 346	29 664,020	596 640,037	20,113	19,651
53	40	93 872	28 865,676	566 976,018	19,642	19,180
54	41	93 341	28 070,660	538 110,341	19,170	18,708
55	42	92 750	27 279,115	510 039,681	18,697	18,235
56	43	92 103	26 492,809	482 760,566	18,222	17,760
57	44	91 392	25 709,706	456 267,757	17,747	17,285
58	45	90 610	24 928,917	430 558,051	17,271	16,809
59	46	89 745	24 147,695	405 629,135	16,798	16,336
60	47	88 802	23 368,158	381 481,439	16,325	15,863
61	48	87 784	22 592,034	358 113,281	15,851	15,389
62	49	86 681	21 817,161	335 521,248	15,379	14,917
63	50	85 475	21 040,146	313 704,086	14,910	14,448
64	51	84 191	20 268,237	292 663,940	14,440	13,978
65	52	82 806	19 496,079	272 395,704	13,972	13,510
66	53	81 334	18 727,971	252 899,625	13,504	13,042
67	54	79 785	17 967,237	234 171,653	13,033	12,571
68	55	78 117	17 204,452	216 204,416	12,567	12,105
69	56	76 402	16 456,464	198 999,965	12,093	11,630
70	57	74 555	15 705,194	182 543,500	11,623	11,161
71	58	72 593	14 955,536	166 838,306	11,156	10,694
72	59	70 510	14 206,749	151 882,770	10,691	10,229
73	60	68 335	13 465,462	137 676,021	10,224	9,762
74	61	66 043	12 727,532	124 210,559	9,759	9,297
75	62	63 643	11 995,107	111 483,027	9,294	8,832
76	63	61 104	11 263,058	99 487,920	8,833	8,371
77	64	58 417	10 530,781	88 224,863	8,378	7,916
78	65	55 598	9 802,208	77 694,082	7,926	7,464
79	66	52 603	9 069,951	67 891,874	7,485	7,023
80	67	49 417	8 333,212	58 821,923	7,059	6,597
81	68	46 071	7 598,001	50 488,712	6,645	6,183
82	69	42 566	6 865,557	42 890,710	6,247	5,785
83	70	38 944	6 143,023	36 025,153	5,864	5,402
84	71	35 207	5 431,378	29 882,130	5,502	5,040
85	72	31 424	4 741,172	24 450,752	5,157	4,695
86	73	27 642	4 078,685	19 709,580	4,832	4,370
87	74	23 948	3 455,831	15 630,895	4,523	4,061
88	75	20 408	2 880,178	12 175,063	4,227	3,765
89	76	17 065	2 355,441	9 294,885	3,946	3,484
90	77	13 981	1 887,291	6 939,444	3,677	3,215
91	78	11 190	1 477,318	5 052,153	3,420	2,958
92	79	8 674	1 119,992	3 574,835	3,192	2,730
93	80	6 508	821,759	2 454,844	2,987	2,525
94	81	4 732	584,371	1 633,085	2,795	2,333
95	82	3 286	396,908	1 048,714	2,642	2,180
96	83	2 228	263,229	651,806	2,476	2,014
97	84	1 443	166,682	388,576	2,331	1,869
98	85	891	100,658	221,895	2,204	1,742
99	86	525	57,994	121,237	2,090	1,628
100	87	294	31,795	63,242	1,989	1,527

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13						
14	0	99 500	72 868,129	2 462 353,009	33,792	33,330
15	1	99 183	71 037,748	2 389 484,881	33,637	33,175
16	2	99 146	69 448,078	2 318 447,133	33,384	32,922
17	3	99 108	67 894,301	2 248 999,055	33,125	32,663
18	4	99 067	66 372,916	2 181 104,755	32,861	32,399
19	5	99 020	64 881,603	2 114 731,838	32,594	32,132
20	6	98 972	63 422,638	2 049 850,235	32,320	31,858
21	7	98 920	61 994,991	1 986 427,596	32,042	31,580
22	8	98 871	60 600,696	1 924 432,605	31,756	31,294
23	9	98 821	59 236,787	1 863 831,909	31,464	31,002
24	10	98 769	57 902,937	1 804 595,122	31,166	30,704
25	11	98 715	56 598,061	1 746 692,185	30,861	30,399
26	12	98 660	55 321,874	1 690 094,124	30,550	30,088
27	13	98 606	54 074,608	1 634 772,251	30,232	29,770
28	14	98 545	52 852,264	1 580 697,643	29,908	29,446
29	15	98 484	51 657,210	1 527 845,379	29,577	29,115
30	16	98 416	50 485,254	1 476 188,170	29,240	28,778
31	17	98 345	49 338,924	1 425 702,916	28,896	28,434
32	18	98 263	48 212,951	1 376 363,992	28,548	28,086
33	19	98 174	47 109,403	1 328 151,041	28,193	27,731
34	20	98 085	46 031,165	1 281 041,638	27,830	27,368
35	21	97 988	44 973,673	1 235 010,473	27,461	26,999
36	22	97 885	43 937,710	1 190 036,800	27,085	26,623
37	23	97 781	42 925,309	1 146 099,090	26,700	26,238
38	24	97 669	41 932,307	1 103 173,781	26,308	25,846
39	25	97 550	40 959,605	1 061 241,475	25,909	25,447
40	26	97 425	40 007,113	1 020 281,870	25,503	25,040
41	27	97 284	39 069,987	980 274,757	25,090	24,628
42	28	97 133	38 151,310	941 204,771	24,670	24,208
43	29	96 965	37 246,908	903 053,460	24,245	23,783
44	30	96 781	36 358,228	865 806,552	23,813	23,351
45	31	96 578	35 483,782	829 448,325	23,375	22,913
46	32	96 350	34 620,969	793 964,542	22,933	22,471
47	33	96 106	33 773,438	759 343,574	22,483	22,021
48	34	95 833	32 936,422	725 570,136	22,029	21,567
49	35	95 529	32 109,393	692 633,714	21,571	21,109
50	36	95 190	31 291,409	660 524,321	21,109	20,647
51	37	94 811	30 480,895	629 232,912	20,644	20,182
52	38	94 401	29 681,403	598 752,017	20,173	19,711
53	39	93 928	28 882,882	569 070,614	19,703	19,241
54	40	93 404	28 089,725	540 187,732	19,231	18,769
55	41	92 821	27 299,941	512 098,007	18,758	18,296
56	42	92 179	26 514,812	484 798,066	18,284	17,822
57	43	91 474	25 732,863	458 283,255	17,809	17,347
58	44	90 702	24 954,371	432 550,391	17,334	16,872
59	45	89 845	24 174,576	407 596,020	16,861	16,399
60	46	88 915	23 397,867	383 421,444	16,387	15,925
61	47	87 910	22 624,467	360 023,577	15,913	15,451
62	48	86 820	21 852,116	337 399,110	15,440	14,978
63	49	85 630	21 078,328	315 546,994	14,970	14,508
64	50	84 358	20 308,257	294 468,666	14,500	14,038
65	51	82 990	19 539,237	274 160,409	14,031	13,569
66	52	81 534	18 774,067	254 621,172	13,562	13,100
67	53	80 004	18 016,479	235 847,105	13,091	12,629
68	54	78 353	17 256,387	217 830,626	12,623	12,161
69	55	76 656	16 511,172	200 574,239	12,148	11,686
70	56	74 826	15 762,236	184 063,066	11,677	11,215
71	57	72 884	15 015,482	168 300,830	11,208	10,746
72	58	70 823	14 269,686	153 285,349	10,742	10,280
73	59	68 667	13 530,816	139 015,663	10,274	9,812
74	60	66 401	12 796,518	125 484,846	9,806	9,344
75	61	64 001	12 062,598	112 688,328	9,342	8,880
76	62	61 477	11 331,918	100 625,730	8,880	8,418
77	63	58 804	10 600,579	89 293,812	8,423	7,961
78	64	56 007	9 874,165	78 693,233	7,970	7,508
79	65	53 027	9 143,208	68 819,069	7,527	7,065
80	66	49 853	8 406,647	59 675,861	7,099	6,637
81	67	46 522	7 672,380	51 269,214	6,682	6,220
82	68	43 006	6 936,411	43 596,833	6,285	5,823
83	69	39 384	6 212,430	36 660,422	5,901	5,439
84	70	35 641	5 498,368	30 447,993	5,538	5,076
85	71	31 851	4 805,519	24 949,625	5,192	4,730
86	72	28 046	4 138,316	20 144,105	4,868	4,406
87	73	24 324	3 510,179	16 005,790	4,560	4,098
88	74	20 763	2 930,311	12 495,611	4,264	3,802
89	75	17 397	2 401,227	9 565,300	3,984	3,521
90	76	14 293	1 929,402	7 164,073	3,713	3,251
91	77	11 471	1 514,346	5 234,671	3,457	2,995
92	78	8 925	1 152,373	3 720,325	3,228	2,766
93	79	6 729	849,735	2 567,951	3,022	2,560
94	80	4 921	607,712	1 718,217	2,827	2,365
95	81	3 438	415,203	1 110,504	2,675	2,213
96	82	2 347	277,183	695,301	2,508	2,046
97	83	1 532	176,960	418,118	2,363	1,901
98	84	955	107,912	241,158	2,235	1,773
99	85	569	62,848	133,246	2,120	1,658
100	86	323	34,898	70,398	2,017	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	71 256,066	2 391 918,931	33,568	33,106
16	1	99 168	69 464,128	2 320 662,865	33,408	32,946
17	2	99 120	67 902,387	2 251 198,737	33,153	32,691
18	3	99 079	66 380,825	2 183 296,350	32,890	32,428
19	4	99 029	64 887,504	2 116 915,525	32,624	32,162
20	5	98 979	63 427,395	2 052 028,022	32,352	31,890
21	6	98 927	61 999,072	1 988 600,626	32,075	31,613
22	7	98 876	60 603,684	1 926 601,554	31,790	31,328
23	8	98 827	59 240,454	1 865 997,870	31,499	31,037
24	9	98 775	57 906,684	1 806 757,416	31,201	30,739
25	10	98 721	56 601,415	1 748 850,732	30,898	30,436
26	11	98 668	55 325,995	1 692 249,318	30,587	30,125
27	12	98 614	54 078,886	1 636 923,323	30,269	29,807
28	13	98 554	52 856,795	1 582 844,437	29,946	29,484
29	14	98 495	51 662,631	1 529 987,642	29,615	29,153
30	15	98 428	50 491,571	1 478 325,011	29,279	28,817
31	16	98 359	49 345,886	1 427 833,441	28,935	28,473
32	17	98 277	48 220,011	1 378 487,554	28,587	28,125
33	18	98 194	47 118,999	1 330 267,543	28,232	27,770
34	19	98 104	46 040,052	1 283 148,544	27,870	27,408
35	20	98 006	44 982,002	1 237 108,493	27,502	27,040
36	21	97 901	43 944,985	1 192 126,491	27,128	26,666
37	22	97 798	42 932,738	1 148 181,505	26,744	26,282
38	23	97 690	41 941,407	1 105 248,767	26,352	25,890
39	24	97 566	40 966,551	1 063 307,360	25,956	25,493
40	25	97 443	40 014,574	1 022 340,808	25,549	25,087
41	26	97 302	39 077,590	982 326,234	25,138	24,676
42	27	97 155	38 159,646	943 248,644	24,718	24,256
43	28	96 989	37 256,199	905 088,999	24,294	23,832
44	29	96 806	36 367,639	867 832,799	23,863	23,401
45	30	96 607	35 494,322	831 465,160	23,425	22,963
46	31	96 381	34 632,023	795 970,839	22,984	22,522
47	32	96 140	33 785,163	761 338,816	22,535	22,073
48	33	95 867	32 948,153	727 553,653	22,082	21,620
49	34	95 566	32 121,957	694 605,500	21,624	21,162
50	35	95 228	31 304,008	662 483,543	21,163	20,701
51	36	94 855	30 495,192	631 179,535	20,698	20,236
52	37	94 445	29 695,069	600 684,342	20,228	19,766
53	38	93 983	28 899,807	570 989,273	19,758	19,296
54	39	93 460	28 106,468	542 089,465	19,287	18,825
55	40	92 884	27 318,482	513 982,998	18,814	18,352
56	41	92 250	26 535,054	486 664,516	18,340	17,878
57	42	91 550	25 754,234	460 129,462	17,866	17,404
58	43	90 784	24 976,849	434 375,227	17,391	16,929
59	44	89 937	24 199,261	409 398,379	16,918	16,456
60	45	89 014	23 423,913	385 199,118	16,445	15,983
61	46	88 022	22 653,230	361 775,205	15,970	15,508
62	47	86 945	21 883,486	339 121,974	15,497	15,035
63	48	85 767	21 112,099	317 238,488	15,026	14,564
64	49	84 511	20 345,111	296 126,389	14,555	14,093
65	50	83 153	19 577,818	275 781,278	14,086	13,624
66	51	81 714	18 815,627	256 203,460	13,617	13,155
67	52	80 201	18 060,824	237 387,833	13,144	12,682
68	53	78 568	17 303,681	219 327,009	12,675	12,213
69	54	76 888	16 561,015	202 023,329	12,199	11,737
70	55	75 074	15 814,636	185 462,314	11,727	11,265
71	56	73 149	15 070,018	169 647,678	11,257	10,795
72	57	71 107	14 326,883	154 577,659	10,789	10,327
73	58	68 971	13 590,759	140 250,776	10,320	9,858
74	59	66 724	12 858,625	126 660,017	9,850	9,388
75	60	64 348	12 127,980	113 801,392	9,383	8,921
76	61	61 823	11 395,678	101 673,411	8,922	8,460
77	62	59 163	10 665,389	90 277,734	8,465	8,003
78	63	56 378	9 939,611	79 612,345	8,010	7,548
79	64	53 417	9 210,327	69 672,734	7,565	7,103
80	65	50 255	8 474,547	60 462,407	7,135	6,673
81	66	46 932	7 739,992	51 987,860	6,717	6,255
82	67	43 427	7 004,314	44 247,868	6,317	5,855
83	68	39 790	6 276,543	37 243,554	5,934	5,472
84	69	36 044	5 560,491	30 967,011	5,569	5,107
85	70	32 244	4 864,790	25 406,520	5,223	4,761
86	71	28 427	4 194,481	20 541,731	4,897	4,435
87	72	24 680	3 561,497	16 347,250	4,590	4,128
88	73	21 089	2 976,394	12 785,752	4,296	3,834
89	74	17 700	2 443,023	9 809,358	4,015	3,553
90	75	14 571	1 966,906	7 366,335	3,745	3,283
91	76	11 727	1 548,136	5 399,429	3,488	3,026
92	77	9 149	1 181,257	3 851,293	3,260	2,798
93	78	6 924	874,303	2 670,036	3,054	2,592
94	79	5 088	628,402	1 795,733	2,858	2,396
95	80	3 575	431,787	1 167,331	2,703	2,241
96	81	2 455	289,959	735,544	2,537	2,075
97	82	1 613	186,340	445,585	2,391	1,929
98	83	1 014	114,566	259,244	2,263	1,801
99	84	610	67,377	144,678	2,147	1,685
100	85	350	37,818	77,301	2,044	1,582

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	69 677,610	2 322 908,350	33,338	32,876
17	1	99 143	67 918,079	2 253 230,740	33,176	32,714
18	2	99 091	66 388,730	2 185 312,660	32,917	32,455
19	3	99 041	64 895,235	2 118 923,930	32,651	32,189
20	4	98 988	63 433,163	2 054 028,694	32,381	31,919
21	5	98 934	62 003,722	1 990 595,531	32,104	31,642
22	6	98 883	60 607,673	1 928 591,809	31,821	31,359
23	7	98 832	59 243,375	1 867 984,136	31,531	31,069
24	8	98 781	57 910,269	1 808 740,761	31,234	30,771
25	9	98 728	56 605,077	1 750 830,492	30,931	30,469
26	10	98 674	55 329,273	1 694 225,414	30,621	30,159
27	11	98 621	54 082,914	1 638 896,141	30,303	29,841
28	12	98 562	52 860,977	1 584 813,227	29,981	29,519
29	13	98 503	51 667,060	1 531 952,250	29,650	29,188
30	14	98 438	50 496,870	1 480 285,190	29,314	28,852
31	15	98 371	49 352,060	1 429 788,321	28,971	28,509
32	16	98 291	48 226,816	1 380 436,260	28,624	28,162
33	17	98 209	47 125,899	1 332 209,444	28,269	27,807
34	18	98 124	46 049,429	1 285 083,545	27,907	27,445
35	19	98 025	44 990,686	1 239 034,116	27,540	27,078
36	20	97 919	43 953,124	1 194 043,430	27,166	26,704
37	21	97 814	42 939,847	1 150 090,306	26,784	26,322
38	22	97 707	41 948,666	1 107 150,458	26,393	25,931
39	23	97 587	40 975,442	1 065 201,792	25,996	25,534
40	24	97 460	40 021,360	1 024 226,350	25,592	25,130
41	25	97 321	39 084,878	984 204,989	25,181	24,719
42	26	97 174	38 167,072	945 120,111	24,763	24,301
43	27	97 010	37 264,339	906 953,040	24,338	23,876
44	28	96 830	36 376,711	869 688,701	23,908	23,446
45	29	96 632	35 503,509	833 311,990	23,471	23,009
46	30	96 409	34 642,310	797 808,480	23,030	22,568
47	31	96 170	33 795,951	763 166,171	22,582	22,120
48	32	95 901	32 959,591	729 370,220	22,129	21,667
49	33	95 600	32 133,398	696 410,629	21,672	21,210
50	34	95 266	31 316,257	664 277,231	21,212	20,750
51	35	94 893	30 507,471	632 960,974	20,748	20,286
52	36	94 489	29 708,998	602 453,503	20,278	19,816
53	37	94 027	28 913,114	572 744,505	19,809	19,347
54	38	93 515	28 122,938	543 831,391	19,338	18,876
55	39	92 939	27 334,765	515 708,453	18,866	18,404
56	40	92 313	26 553,076	488 373,687	18,392	17,930
57	41	91 620	25 773,896	461 820,612	17,918	17,456
58	42	90 860	24 997,592	436 046,716	17,444	16,982
59	43	90 018	24 221,058	411 049,124	16,971	16,509
60	44	89 105	23 447,831	386 828,066	16,497	16,035
61	45	88 120	22 678,448	363 380,235	16,023	15,561
62	46	87 055	21 911,308	340 701,787	15,549	15,087
63	47	85 890	21 142,407	318 790,479	15,078	14,616
64	48	84 646	20 377,707	297 648,072	14,607	14,145
65	49	83 304	19 613,347	277 270,365	14,137	13,675
66	50	81 876	18 852,780	257 657,018	13,667	13,205
67	51	80 379	18 100,804	238 804,238	13,193	12,731
68	52	78 761	17 346,271	220 703,434	12,723	12,261
69	53	77 098	16 606,403	203 357,163	12,246	11,784
70	54	75 301	15 862,376	186 750,761	11,773	11,311
71	55	73 392	15 120,117	170 888,385	11,302	10,840
72	56	71 365	14 378,919	155 768,267	10,833	10,371
73	57	69 247	13 645,235	141 389,349	10,362	9,900
74	58	67 019	12 915,590	127 744,114	9,891	9,429
75	59	64 661	12 186,843	114 828,524	9,422	8,960
76	60	62 158	11 457,445	102 641,681	8,959	8,496
77	61	59 496	10 725,399	91 184,236	8,502	8,040
78	62	56 722	10 000,380	80 458,837	8,046	7,584
79	63	53 771	9 271,373	70 458,458	7,600	7,138
80	64	50 624	8 536,757	61 187,084	7,167	6,705
81	65	47 311	7 802,507	52 650,327	6,748	6,286
82	66	43 809	7 066,038	44 847,820	6,347	5,885
83	67	40 180	6 337,986	37 781,782	5,961	5,499
84	68	36 416	5 617,876	31 443,795	5,597	5,135
85	69	32 608	4 919,754	25 825,919	5,249	4,787
86	70	28 777	4 246,215	20 906,165	4,923	4,461
87	71	25 015	3 609,834	16 659,950	4,615	4,153
88	72	21 398	3 019,909	13 050,116	4,321	3,859
89	73	17 978	2 481,442	10 030,207	4,042	3,580
90	74	14 824	2 001,143	7 548,764	3,772	3,310
91	75	11 955	1 578,229	5 547,622	3,515	3,053
92	76	9 353	1 207,615	3 969,393	3,287	2,825
93	77	7 097	896,217	2 761,778	3,082	2,620
94	78	5 236	646,570	1 865,561	2,885	2,423
95	79	3 697	446,487	1 218,990	2,730	2,268
96	80	2 553	301,541	772,503	2,562	2,100
97	81	1 687	194,930	470,962	2,416	1,954
98	82	1 068	120,640	276,033	2,288	1,826
99	83	647	71,531	155,393	2,172	1,710
100	84	375	40,543	83,862	2,068	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	68 126,811	2 255 302,988	33,104	32,642
18	1	99 114	66 404,074	2 187 176,178	32,937	32,475
19	2	99 053	64 902,964	2 120 772,104	32,676	32,214
20	3	99 000	63 440,721	2 055 869,140	32,406	31,944
21	4	98 943	62 009,361	1 992 428,419	32,131	31,669
22	5	98 890	60 612,219	1 930 419,058	31,849	31,387
23	6	98 838	59 247,275	1 869 806,839	31,559	31,097
24	7	98 786	57 913,124	1 810 559,565	31,263	30,801
25	8	98 734	56 608,582	1 752 646,440	30,961	30,499
26	9	98 680	55 332,853	1 696 037,858	30,652	30,190
27	10	98 627	54 086,119	1 640 705,005	30,335	29,873
28	11	98 569	52 864,914	1 586 618,886	30,013	29,551
29	12	98 511	51 671,148	1 533 753,971	29,683	29,221
30	13	98 447	50 501,199	1 482 082,823	29,347	28,885
31	14	98 382	49 357,240	1 431 581,625	29,004	28,542
32	15	98 304	48 232,850	1 382 224,385	28,657	28,195
33	16	98 222	47 132,549	1 333 991,535	28,303	27,841
34	17	98 139	46 056,173	1 286 858,986	27,941	27,479
35	18	98 045	44 999,850	1 240 802,813	27,573	27,111
36	19	97 938	43 961,610	1 195 802,963	27,201	26,739
37	20	97 833	42 947,800	1 151 841,353	26,820	26,358
38	21	97 723	41 955,612	1 108 893,553	26,430	25,968
39	22	97 604	40 982,534	1 066 937,941	26,034	25,572
40	23	97 481	40 030,046	1 025 955,406	25,630	25,168
41	24	97 337	39 091,506	985 925,360	25,221	24,759
42	25	97 192	38 174,190	946 833,854	24,803	24,341
43	26	97 029	37 271,591	908 659,664	24,379	23,917
44	27	96 851	36 384,658	871 388,073	23,949	23,487
45	28	96 656	35 512,366	835 003,414	23,513	23,051
46	29	96 434	34 651,277	799 491,048	23,072	22,610
47	30	96 199	33 805,989	764 839,772	22,624	22,162
48	31	95 931	32 970,115	731 033,783	22,173	21,711
49	32	95 633	32 144,553	698 063,668	21,716	21,254
50	33	95 299	31 327,411	665 919,115	21,257	20,795
51	34	94 930	30 519,408	634 591,704	20,793	20,331
52	35	94 527	29 720,961	604 072,296	20,325	19,863
53	36	94 071	28 926,676	574 351,335	19,855	19,393
54	37	93 558	28 135,887	545 424,659	19,385	18,923
55	38	92 993	27 350,784	517 288,772	18,913	18,451
56	39	92 368	26 568,903	489 937,989	18,440	17,978
57	40	91 682	25 791,401	463 369,086	17,966	17,504
58	41	90 929	25 016,676	437 577,685	17,491	17,029
59	42	90 093	24 241,174	412 561,009	17,019	16,557
60	43	89 185	23 468,951	388 319,835	16,546	16,084
61	44	88 210	22 701,604	364 850,884	16,072	15,610
62	45	87 152	21 935,699	342 149,280	15,598	15,136
63	46	85 999	21 169,287	320 213,580	15,126	14,664
64	47	84 768	20 406,961	299 044,294	14,654	14,192
65	48	83 438	19 644,770	278 637,332	14,184	13,722
66	49	82 024	18 886,992	258 992,562	13,713	13,251
67	50	80 537	18 136,545	240 105,570	13,239	12,777
68	51	78 935	17 384,670	221 969,025	12,768	12,306
69	52	77 288	16 647,277	204 584,355	12,289	11,827
70	53	75 507	15 905,849	187 937,078	11,816	11,354
71	54	73 614	15 165,761	172 031,229	11,343	10,881
72	55	71 602	14 426,720	156 865,469	10,873	10,411
73	56	69 499	13 694,795	142 438,748	10,401	9,939
74	57	67 288	12 967,359	128 743,954	9,928	9,466
75	58	64 947	12 240,832	115 776,594	9,458	8,996
76	59	62 460	11 513,053	103 535,763	8,993	8,531
77	60	59 819	10 783,533	92 022,710	8,534	8,072
78	61	57 042	10 056,648	81 239,177	8,078	7,616
79	62	54 099	9 328,057	71 182,529	7,631	7,169
80	63	50 960	8 593,339	61 854,472	7,198	6,736
81	64	47 658	7 859,784	53 261,133	6,776	6,314
82	65	44 163	7 123,110	45 401,349	6,374	5,912
83	66	40 534	6 393,839	38 278,239	5,987	5,525
84	67	36 772	5 672,871	31 884,400	5,621	5,158
85	68	32 945	4 970,527	26 211,529	5,273	4,811
86	69	29 102	4 294,191	21 241,002	4,946	4,484
87	70	25 323	3 654,357	16 946,811	4,637	4,175
88	71	21 688	3 060,895	13 292,454	4,343	3,881
89	72	18 241	2 517,721	10 231,559	4,064	3,602
90	73	15 058	2 032,613	7 713,837	3,795	3,333
91	74	12 163	1 605,700	5 681,224	3,538	3,076
92	75	9 535	1 231,089	4 075,524	3,311	2,848
93	76	7 256	916,214	2 844,436	3,105	2,643
94	77	5 367	662,776	1 928,221	2,909	2,447
95	78	3 804	459,396	1 265,445	2,755	2,293
96	79	2 640	311,807	806,049	2,585	2,123
97	80	1 755	202,715	494,242	2,438	1,976
98	81	1 117	126,200	291,527	2,310	1,848
99	82	682	75,323	165,326	2,195	1,733
100	83	398	43,043	90,003	2,091	1,629

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	66 608,152	2 189 089,180	32,865	32,403
19	1	99 076	64 917,963	2 122 481,029	32,695	32,233
20	2	99 012	63 448,277	2 057 563,065	32,429	31,967
21	3	98 955	62 016,749	1 994 114,789	32,154	31,692
22	4	98 899	60 617,731	1 932 098,039	31,873	31,411
23	5	98 846	59 251,718	1 871 480,308	31,585	31,123
24	6	98 793	57 916,937	1 812 228,590	31,290	30,828
25	7	98 739	56 611,373	1 754 311,654	30,989	30,527
26	8	98 686	55 336,279	1 697 700,281	30,680	30,218
27	9	98 633	54 089,619	1 642 364,001	30,364	29,902
28	10	98 575	52 868,047	1 588 274,382	30,042	29,580
29	11	98 518	51 674,997	1 535 406,335	29,713	29,251
30	12	98 454	50 505,194	1 483 731,338	29,378	28,916
31	13	98 390	49 361,471	1 433 226,144	29,035	28,573
32	14	98 314	48 237,912	1 383 864,673	28,688	28,226
33	15	98 235	47 138,447	1 335 626,761	28,334	27,872
34	16	98 153	46 062,672	1 288 488,315	27,973	27,510
35	17	98 060	45 006,440	1 242 425,642	27,606	27,143
36	18	97 958	43 970,564	1 197 419,202	27,232	26,770
37	19	97 851	42 956,092	1 153 448,638	26,852	26,390
38	20	97 741	41 963,383	1 110 492,547	26,463	26,001
39	21	97 620	40 989,320	1 068 529,164	26,068	25,606
40	22	97 498	40 036,975	1 027 539,844	25,665	25,203
41	23	97 358	39 099,991	987 502,869	25,256	24,794
42	24	97 208	38 180,664	948 402,879	24,840	24,378
43	25	97 047	37 278,542	910 222,215	24,417	23,955
44	26	96 870	36 391,739	872 943,673	23,987	23,525
45	27	96 677	35 520,124	836 551,933	23,551	23,089
46	28	96 458	34 659,921	801 031,809	23,111	22,649
47	29	96 224	33 814,739	766 371,888	22,664	22,202
48	30	95 960	32 979,908	732 557,149	22,212	21,750
49	31	95 664	32 154,817	699 577,241	21,757	21,295
50	32	95 333	31 338,287	667 422,424	21,297	20,835
51	33	94 964	30 530,278	636 084,137	20,835	20,373
52	34	94 564	29 732,589	605 553,859	20,367	19,905
53	35	94 109	28 938,323	575 821,270	19,898	19,436
54	36	93 602	28 149,085	546 882,947	19,428	18,966
55	37	93 036	27 363,377	518 733,862	18,957	18,495
56	38	92 422	26 584,472	491 370,485	18,483	18,021
57	39	91 737	25 806,774	464 786,013	18,010	17,548
58	40	90 991	25 033,666	438 979,239	17,536	17,074
59	41	90 161	24 259,680	413 945,572	17,063	16,601
60	42	89 259	23 488,442	389 685,892	16,591	16,129
61	43	88 290	22 722,053	366 197,450	16,116	15,654
62	44	87 241	21 958,098	343 475,397	15,642	15,180
63	45	86 095	21 192,852	321 517,299	15,171	14,709
64	46	84 876	20 432,906	300 324,447	14,698	14,236
65	47	83 558	19 672,972	279 891,542	14,227	13,765
66	48	82 156	18 917,252	260 218,570	13,756	13,294
67	49	80 683	18 169,458	241 301,318	13,281	12,819
68	50	79 091	17 418,997	223 131,859	12,810	12,348
69	51	77 459	16 684,128	205 712,863	12,330	11,868
70	52	75 693	15 944,999	189 028,734	11,855	11,393
71	53	73 816	15 207,324	173 083,736	11,382	10,920
72	54	71 818	14 470,270	157 876,411	10,910	10,448
73	55	69 730	13 740,322	143 406,141	10,437	9,975
74	56	67 532	13 014,457	129 665,819	9,963	9,501
75	57	65 207	12 289,896	116 651,362	9,492	9,030
76	58	62 737	11 564,057	104 361,465	9,025	8,563
77	59	60 109	10 835,870	92 797,409	8,564	8,102
78	60	57 351	10 111,157	81 961,538	8,106	7,644
79	61	54 404	9 380,542	71 850,381	7,660	7,197
80	62	51 271	8 645,877	62 469,839	7,225	6,763
81	63	47 974	7 911,879	53 823,963	6,803	6,341
82	64	44 488	7 175,400	45 912,083	6,399	5,937
83	65	40 861	6 445,481	38 736,683	6,010	5,548
84	66	37 096	5 722,863	32 291,202	5,642	5,180
85	67	33 267	5 019,185	26 568,339	5,293	4,831
86	68	29 403	4 338,508	21 549,154	4,967	4,505
87	69	25 609	3 695,646	17 210,647	4,657	4,195
88	70	21 956	3 098,648	13 515,001	4,362	3,900
89	71	18 488	2 551,892	10 416,353	4,082	3,620
90	72	15 278	2 062,330	7 864,461	3,813	3,351
91	73	12 354	1 630,951	5 802,131	3,558	3,095
92	74	9 701	1 252,517	4 171,180	3,330	2,868
93	75	7 397	934,024	2 918,662	3,125	2,663
94	76	5 487	677,565	1 984,638	2,929	2,467
95	77	3 899	470,911	1 307,073	2,776	2,314
96	78	2 716	320,822	836,163	2,606	2,144
97	79	1 815	209,617	515,341	2,458	1,996
98	80	1 162	131,241	305,724	2,329	1,867
99	81	713	78,795	174,483	2,214	1,752
100	82	419	45,325	95,688	2,111	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	65 117,474	2 124 247,529	32,622	32,160
20	1	99 035	63 462,940	2 059 130,055	32,446	31,984
21	2	98 967	62 024,135	1 995 667,114	32,176	31,714
22	3	98 911	60 624,954	1 933 642,979	31,895	31,433
23	4	98 855	59 257,107	1 873 018,026	31,608	31,146
24	5	98 800	57 921,280	1 813 760,919	31,314	30,852
25	6	98 745	56 615,100	1 755 839,639	31,014	30,552
26	7	98 691	55 339,007	1 699 224,539	30,706	30,244
27	8	98 639	54 092,968	1 643 885,532	30,390	29,928
28	9	98 581	52 871,468	1 589 792,564	30,069	29,607
29	10	98 524	51 678,059	1 536 921,096	29,740	29,278
30	11	98 462	50 508,956	1 485 243,037	29,406	28,944
31	12	98 398	49 365,377	1 434 734,080	29,064	28,602
32	13	98 322	48 242,047	1 385 368,704	28,717	28,255
33	14	98 245	47 143,394	1 337 126,657	28,363	27,901
34	15	98 165	46 068,435	1 289 983,263	28,001	27,539
35	16	98 074	45 012,791	1 243 914,827	27,635	27,173
36	17	97 973	43 977,003	1 198 902,036	27,262	26,800
37	18	97 871	42 964,841	1 154 925,033	26,881	26,419
38	19	97 760	41 971,484	1 111 960,192	26,493	26,031
39	20	97 638	40 996,912	1 069 988,708	26,099	25,637
40	21	97 514	40 043,604	1 028 991,796	25,697	25,235
41	22	97 375	39 106,758	988 948,192	25,288	24,826
42	23	97 229	38 188,951	949 841,434	24,872	24,410
43	24	97 063	37 284,864	911 652,484	24,451	23,989
44	25	96 888	36 398,526	874 367,619	24,022	23,560
45	26	96 696	35 527,037	837 969,093	23,587	23,125
46	27	96 479	34 667,493	802 442,056	23,147	22,685
47	28	96 248	33 823,175	767 774,563	22,700	22,238
48	29	95 984	32 988,445	733 951,388	22,249	21,787
49	30	95 692	32 164,368	700 962,944	21,793	21,331
50	31	95 363	31 348,293	668 798,576	21,334	20,872
51	32	94 997	30 540,877	637 450,283	20,872	20,410
52	33	94 598	29 743,179	606 909,406	20,405	19,943
53	34	94 145	28 949,646	577 166,227	19,937	19,475
54	35	93 639	28 160,419	548 216,581	19,468	19,006
55	36	93 080	27 376,212	520 056,162	18,997	18,535
56	37	92 464	26 596,713	492 679,950	18,524	18,062
57	38	91 790	25 821,897	466 083,237	18,050	17,588
58	39	91 045	25 048,588	440 261,340	17,576	17,114
59	40	90 223	24 276,157	415 212,752	17,104	16,642
60	41	89 327	23 506,375	390 936,596	16,631	16,169
61	42	88 363	22 740,923	367 430,221	16,157	15,695
62	43	87 320	21 977,876	344 689,298	15,683	15,221
63	44	86 183	21 214,492	322 711,422	15,212	14,750
64	45	84 970	20 455,651	301 496,930	14,739	14,277
65	46	83 664	19 697,983	281 041,279	14,268	13,806
66	47	82 274	18 944,410	261 343,295	13,795	13,333
67	48	80 813	18 198,568	242 398,886	13,320	12,858
68	49	79 235	17 450,608	224 200,318	12,848	12,386
69	50	77 612	16 717,072	206 749,710	12,368	11,906
70	51	75 861	15 980,296	190 032,638	11,892	11,430
71	52	73 997	15 244,755	174 052,342	11,417	10,955
72	53	72 015	14 509,928	158 807,587	10,945	10,483
73	54	69 940	13 781,800	144 297,659	10,470	10,008
74	55	67 757	13 057,723	130 515,859	9,995	9,533
75	56	65 444	12 334,534	117 458,137	9,523	9,061
76	57	62 988	11 610,409	105 123,603	9,054	8,592
77	58	60 375	10 883,874	93 513,194	8,592	8,130
78	59	57 629	10 160,231	82 629,320	8,133	7,671
79	60	54 699	9 431,387	72 469,089	7,684	7,222
80	61	51 560	8 694,524	63 037,703	7,250	6,788
81	62	48 268	7 960,251	54 343,179	6,827	6,365
82	63	44 782	7 222,959	46 382,928	6,422	5,960
83	64	41 161	6 492,797	39 159,969	6,031	5,569
84	65	37 396	5 769,086	32 667,173	5,662	5,200
85	66	33 560	5 063,416	26 898,087	5,312	4,850
86	67	29 690	4 380,979	21 834,671	4,984	4,522
87	68	25 874	3 733,786	17 453,692	4,675	4,213
88	69	22 204	3 133,657	13 719,907	4,378	3,916
89	70	18 716	2 583,366	10 586,249	4,098	3,636
90	71	15 485	2 090,320	8 002,883	3,829	3,367
91	72	12 534	1 654,796	5 912,563	3,573	3,111
92	73	9 853	1 272,215	4 257,767	3,347	2,885
93	74	7 526	950,282	2 985,552	3,142	2,680
94	75	5 593	690,736	2 035,270	2,947	2,485
95	76	3 986	481,418	1 344,534	2,793	2,331
96	77	2 784	328,863	863,116	2,625	2,163
97	78	1 867	215,677	534,253	2,477	2,015
98	79	1 201	135,709	318,576	2,347	1,885
99	80	742	81,943	182,867	2,232	1,770
100	81	439	47,414	100,924	2,129	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	63 657,979	2 060 761,697	32,372	31,910
21	1	98 990	62 038,469	1 997 103,717	32,191	31,729
22	2	98 923	60 632,174	1 935 065,248	31,915	31,453
23	3	98 866	59 264,167	1 874 433,074	31,628	31,166
24	4	98 809	57 926,548	1 815 168,907	31,336	30,874
25	5	98 752	56 619,346	1 757 242,359	31,036	30,574
26	6	98 698	55 342,650	1 700 623,014	30,729	30,267
27	7	98 644	54 095,635	1 645 280,363	30,414	29,952
28	8	98 587	52 874,742	1 591 184,728	30,093	29,631
29	9	98 530	51 681,403	1 538 309,987	29,765	29,303
30	10	98 468	50 511,949	1 486 628,584	29,431	28,969
31	11	98 405	49 369,054	1 436 116,634	29,089	28,627
32	12	98 330	48 245,864	1 386 747,581	28,743	28,281
33	13	98 253	47 147,435	1 338 501,716	28,390	27,928
34	14	98 175	46 073,270	1 291 354,281	28,028	27,566
35	15	98 086	45 018,423	1 245 281,011	27,662	27,200
36	16	97 987	43 983,209	1 200 262,588	27,289	26,827
37	17	97 886	42 971,133	1 156 279,379	26,908	26,446
38	18	97 780	41 980,033	1 113 308,246	26,520	26,058
39	19	97 657	41 004,827	1 071 328,213	26,127	25,665
40	20	97 532	40 051,020	1 030 323,386	25,725	25,263
41	21	97 391	39 113,233	990 272,366	25,318	24,856
42	22	97 246	38 195,560	951 159,133	24,902	24,440
43	23	97 084	37 292,956	912 963,572	24,481	24,019
44	24	96 904	36 404,699	875 670,616	24,054	23,592
45	25	96 714	35 533,663	839 265,917	23,619	23,157
46	26	96 498	34 674,240	803 732,254	23,180	22,718
47	27	96 269	33 830,564	769 058,014	22,733	22,271
48	28	96 008	32 996,674	735 227,450	22,282	21,820
49	29	95 717	32 172,693	702 230,776	21,827	21,365
50	30	95 391	31 357,604	670 058,083	21,368	20,906
51	31	95 027	30 550,629	638 700,479	20,906	20,444
52	32	94 630	29 753,505	608 149,850	20,440	19,978
53	33	94 179	28 959,957	578 396,345	19,972	19,510
54	34	93 676	28 171,437	549 436,388	19,503	19,041
55	35	93 117	27 387,235	521 264,951	19,033	18,571
56	36	92 508	26 609,188	493 877,716	18,560	18,098
57	37	91 833	25 833,786	467 268,527	18,087	17,625
58	38	91 098	25 063,266	441 434,741	17,613	17,151
59	39	90 276	24 290,626	416 371,475	17,141	16,679
60	40	89 388	23 522,339	392 080,848	16,668	16,206
61	41	88 430	22 758,285	368 558,509	16,194	15,732
62	42	87 392	21 996,129	345 800,224	15,721	15,259
63	43	86 261	21 233,600	323 804,096	15,250	14,788
64	44	85 057	20 476,538	302 570,495	14,776	14,314
65	45	83 757	19 719,911	282 093,957	14,305	13,843
66	46	82 378	18 968,494	262 374,046	13,832	13,370
67	47	80 929	18 224,694	243 405,552	13,356	12,894
68	48	79 362	17 478,566	225 180,857	12,883	12,421
69	49	77 753	16 747,409	207 702,291	12,402	11,940
70	50	76 011	16 011,850	190 954,882	11,926	11,464
71	51	74 161	15 278,502	174 943,033	11,450	10,988
72	52	72 192	14 545,642	159 664,531	10,977	10,515
73	53	70 132	13 819,571	145 118,889	10,501	10,039
74	54	67 961	13 097,140	131 299,318	10,025	9,563
75	55	65 662	12 375,539	118 202,178	9,551	9,089
76	56	63 217	11 652,578	105 826,639	9,082	8,620
77	57	60 617	10 927,500	94 174,061	8,618	8,156
78	58	57 884	10 205,242	83 246,561	8,157	7,695
79	59	54 964	9 477,161	73 041,319	7,707	7,245
80	60	51 839	8 741,650	63 564,158	7,271	6,809
81	61	48 539	8 005,040	54 822,508	6,848	6,386
82	62	45 056	7 267,118	46 817,468	6,442	5,980
83	63	41 434	6 535,831	39 550,350	6,051	5,589
84	64	37 671	5 811,436	33 014,518	5,681	5,219
85	65	33 831	5 104,313	27 203,083	5,329	4,867
86	66	29 952	4 419,585	22 098,770	5,000	4,538
87	67	26 127	3 770,337	17 679,185	4,689	4,227
88	68	22 433	3 165,997	13 908,848	4,393	3,931
89	69	18 928	2 612,554	10 742,850	4,112	3,650
90	70	15 676	2 116,102	8 130,296	3,842	3,380
91	71	12 705	1 677,255	6 014,194	3,586	3,124
92	72	9 997	1 290,815	4 336,939	3,360	2,898
93	73	7 644	965,226	3 046,125	3,156	2,694
94	74	5 691	702,759	2 080,899	2,961	2,499
95	75	4 063	490,776	1 378,140	2,808	2,346
96	76	2 846	336,201	887,364	2,639	2,177
97	77	1 914	221,083	551,163	2,493	2,031
98	78	1 236	139,633	330,080	2,364	1,902
99	79	767	84,732	190,447	2,248	1,786
100	80	456	49,308	105,715	2,144	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	62 229,131	1 998 611,145	32,117	31,655
22	1	98 946	60 646,186	1 936 382,014	31,929	31,467
23	2	98 878	59 271,225	1 875 735,828	31,647	31,185
24	3	98 821	57 933,450	1 816 464,602	31,354	30,892
25	4	98 761	56 624,495	1 758 531,153	31,056	30,594
26	5	98 705	55 346,801	1 701 906,658	30,750	30,288
27	6	98 651	54 099,196	1 646 559,857	30,436	29,974
28	7	98 592	52 877,348	1 592 460,661	30,116	29,654
29	8	98 537	51 684,603	1 539 583,313	29,788	29,326
30	9	98 474	50 515,218	1 487 898,710	29,454	28,992
31	10	98 411	49 371,979	1 437 383,492	29,113	28,651
32	11	98 337	48 249,458	1 388 011,512	28,767	28,305
33	12	98 261	47 151,165	1 339 762,054	28,414	27,952
34	13	98 184	46 077,220	1 292 610,889	28,053	27,591
35	14	98 096	45 023,148	1 246 533,669	27,687	27,224
36	15	97 999	43 988,712	1 201 510,521	27,314	26,852
37	16	97 900	42 977,197	1 157 521,809	26,933	26,471
38	17	97 794	41 986,181	1 114 544,612	26,546	26,083
39	18	97 677	41 013,179	1 072 558,432	26,152	25,690
40	19	97 551	40 058,753	1 031 545,253	25,751	25,289
41	20	97 409	39 120,477	991 486,500	25,344	24,882
42	21	97 262	38 201,885	952 366,023	24,930	24,468
43	22	97 101	37 299,411	914 164,138	24,509	24,047
44	23	96 925	36 412,600	876 864,727	24,081	23,619
45	24	96 730	35 539,689	840 452,127	23,648	23,186
46	25	96 516	34 680,706	804 912,438	23,209	22,747
47	26	96 287	33 837,148	770 231,732	22,763	22,301
48	27	96 029	33 003,883	736 394,584	22,312	21,850
49	28	95 741	32 180,719	703 390,701	21,858	21,396
50	29	95 416	31 365,721	671 209,982	21,399	20,937
51	30	95 056	30 559,703	639 844,261	20,938	20,476
52	31	94 661	29 763,006	609 284,558	20,471	20,009
53	32	94 212	28 970,011	579 521,553	20,004	19,542
54	33	93 709	28 181,471	550 551,541	19,536	19,074
55	34	93 154	27 397,951	522 370,071	19,066	18,604
56	35	92 545	26 619,902	494 972,120	18,594	18,132
57	36	91 876	25 845,904	468 352,217	18,121	17,659
58	37	91 140	25 074,806	442 506,313	17,647	17,185
59	38	90 329	24 304,861	417 431,507	17,175	16,713
60	39	89 441	23 536,360	393 126,646	16,703	16,241
61	40	88 491	22 773,741	369 590,286	16,229	15,767
62	41	87 459	22 012,922	346 816,545	15,755	15,293
63	42	86 332	21 251,235	324 803,623	15,284	14,822
64	43	85 133	20 494,982	303 552,388	14,811	14,349
65	44	83 842	19 740,046	283 057,406	14,339	13,877
66	45	82 470	18 989,610	263 317,360	13,866	13,404
67	46	81 032	18 247,864	244 327,750	13,389	12,927
68	47	79 476	17 503,658	226 079,885	12,916	12,454
69	48	77 877	16 774,241	208 576,227	12,434	11,972
70	49	76 148	16 040,907	191 801,986	11,957	11,495
71	50	74 308	15 308,670	175 761,079	11,481	11,019
72	51	72 352	14 577,841	160 452,409	11,007	10,545
73	52	70 305	13 853,585	145 874,568	10,530	10,068
74	53	68 148	13 133,035	132 020,983	10,053	9,591
75	54	65 860	12 412,897	118 887,948	9,578	9,116
76	55	63 427	11 691,316	106 475,051	9,107	8,645
77	56	60 837	10 967,189	94 783,735	8,642	8,180
78	57	58 116	10 246,147	83 816,546	8,180	7,718
79	58	55 208	9 519,146	73 570,399	7,729	7,267
80	59	52 091	8 784,077	64 051,253	7,292	6,830
81	60	48 802	8 048,429	55 267,176	6,867	6,405
82	61	45 310	7 308,007	47 218,747	6,461	5,999
83	62	41 687	6 575,790	39 910,739	6,069	5,607
84	63	37 920	5 849,954	33 334,949	5,698	5,236
85	64	34 080	5 141,782	27 484,995	5,345	4,883
86	65	30 194	4 455,282	22 343,212	5,015	4,553
87	66	26 357	3 803,563	17 887,931	4,703	4,241
88	67	22 652	3 196,990	14 084,368	4,406	3,943
89	68	19 123	2 639,516	10 887,378	4,125	3,663
90	69	15 853	2 140,010	8 247,861	3,854	3,392
91	70	12 861	1 697,942	6 107,851	3,597	3,135
92	71	10 133	1 308,334	4 409,909	3,371	2,909
93	72	7 756	979,338	3 101,575	3,167	2,705
94	73	5 780	713,810	2 122,237	2,973	2,511
95	74	4 134	499,319	1 408,427	2,821	2,359
96	75	2 902	342,736	909,108	2,653	2,190
97	76	1 957	226,016	566,372	2,506	2,044
98	77	1 267	143,132	340,356	2,378	1,916
99	78	789	87,182	197,223	2,262	1,800
100	79	472	50,987	110,041	2,158	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	60 832,569	1 937 774,990	31,854	31,392
23	1	98 901	59 284,923	1 876 942,421	31,660	31,198
24	2	98 833	57 940,349	1 817 657,498	31,371	30,909
25	3	98 773	56 631,242	1 759 717,149	31,073	30,611
26	4	98 714	55 351,834	1 703 085,907	30,768	30,306
27	5	98 658	54 103,253	1 647 734,073	30,455	29,993
28	6	98 599	52 880,829	1 593 630,819	30,136	29,674
29	7	98 541	51 687,151	1 540 749,990	29,809	29,347
30	8	98 480	50 518,346	1 489 062,839	29,476	29,014
31	9	98 417	49 375,174	1 438 544,493	29,135	28,673
32	10	98 343	48 252,317	1 389 169,319	28,790	28,328
33	11	98 268	47 154,678	1 340 917,002	28,437	27,975
34	12	98 191	46 080,866	1 293 762,324	28,076	27,614
35	13	98 105	45 027,007	1 247 681,459	27,710	27,248
36	14	98 009	43 993,329	1 202 654,451	27,337	26,875
37	15	97 912	42 982,574	1 158 661,123	26,957	26,495
38	16	97 808	41 992,106	1 115 678,549	26,569	26,107
39	17	97 691	41 019,185	1 073 686,443	26,175	25,713
40	18	97 571	40 066,912	1 032 667,258	25,774	25,312
41	19	97 428	39 128,030	992 600,346	25,368	24,906
42	20	97 280	38 208,960	953 472,316	24,954	24,492
43	21	97 117	37 305,587	915 263,357	24,534	24,072
44	22	96 942	36 418,902	877 957,769	24,107	23,645
45	23	96 751	35 547,402	841 538,867	23,674	23,212
46	24	96 533	34 686,588	805 991,464	23,236	22,774
47	25	96 305	33 843,458	771 304,876	22,790	22,328
48	26	96 048	33 010,306	737 461,418	22,340	21,878
49	27	95 762	32 187,750	704 451,112	21,886	21,424
50	28	95 440	31 373,545	672 263,362	21,428	20,966
51	29	95 080	30 567,613	640 889,817	20,966	20,504
52	30	94 689	29 771,846	610 322,204	20,500	20,038
53	31	94 242	28 979,261	580 550,358	20,033	19,571
54	32	93 742	28 191,255	551 571,097	19,565	19,103
55	33	93 187	27 407,709	523 379,843	19,096	18,634
56	34	92 581	26 630,318	495 972,133	18,624	18,162
57	35	91 913	25 856,311	469 341,815	18,152	17,690
58	36	91 183	25 086,568	443 485,505	17,678	17,216
59	37	90 371	24 316,052	418 398,936	17,207	16,745
60	38	89 494	23 550,152	394 082,885	16,734	16,272
61	39	88 543	22 787,316	370 532,733	16,260	15,798
62	40	87 518	22 027,872	347 745,417	15,787	15,325
63	41	86 398	21 267,459	325 717,545	15,315	14,853
64	42	85 204	20 512,004	304 450,086	14,843	14,381
65	43	83 918	19 757,827	283 938,082	14,371	13,909
66	44	82 554	19 009,000	264 180,255	13,898	13,436
67	45	81 122	18 268,177	245 171,255	13,421	12,959
68	46	79 577	17 525,911	226 903,078	12,947	12,485
69	47	77 989	16 798,322	209 377,166	12,464	12,002
70	48	76 270	16 066,607	192 578,844	11,986	11,524
71	49	74 442	15 336,451	176 512,238	11,509	11,047
72	50	72 495	14 606,626	161 175,787	11,034	10,572
73	51	70 460	13 884,253	146 569,161	10,557	10,094
74	52	68 315	13 165,360	132 684,908	10,078	9,616
75	53	66 041	12 446,916	119 519,548	9,602	9,140
76	54	63 619	11 726,609	107 072,632	9,131	8,669
77	55	61 040	11 003,648	95 346,023	8,665	8,203
78	56	58 328	10 283,362	84 342,375	8,202	7,740
79	57	55 429	9 557,301	74 059,013	7,749	7,287
80	58	52 322	8 822,992	64 501,712	7,311	6,849
81	59	49 039	8 087,492	55 678,720	6,885	6,423
82	60	45 555	7 347,618	47 591,229	6,477	6,015
83	61	41 922	6 612,789	40 243,610	6,086	5,624
84	62	38 152	5 885,720	33 630,821	5,714	5,252
85	63	34 306	5 175,863	27 745,101	5,360	4,898
86	64	30 416	4 487,987	22 569,239	5,029	4,567
87	65	26 570	3 834,283	18 081,251	4,716	4,254
88	66	22 852	3 225,164	14 246,968	4,417	3,955
89	67	19 310	2 665,356	11 021,804	4,135	3,673
90	68	16 017	2 162,096	8 356,449	3,865	3,403
91	69	13 007	1 717,126	6 194,353	3,607	3,145
92	70	10 258	1 324,470	4 477,227	3,380	2,918
93	71	7 861	992,629	3 152,757	3,176	2,714
94	72	5 865	724,246	2 160,127	2,983	2,521
95	73	4 199	507,171	1 435,881	2,831	2,369
96	74	2 952	348,702	928,710	2,663	2,201
97	75	1 995	230,410	580,008	2,517	2,055
98	76	1 295	146,326	349,598	2,389	1,927
99	77	809	89,367	203,272	2,275	1,813
100	78	485	52,461	113,905	2,171	1,709

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	59 467,122	1 878 229,916	31,584	31,122
24	1	98 856	57 953,740	1 818 762,794	31,383	30,921
25	2	98 785	56 637,986	1 760 809,054	31,089	30,627
26	3	98 726	55 358,430	1 704 171,068	30,784	30,322
27	4	98 667	54 108,173	1 648 812,638	30,473	30,011
28	5	98 606	52 884,795	1 594 704,465	30,154	29,692
29	6	98 548	51 690,554	1 541 819,669	29,828	29,366
30	7	98 485	50 520,836	1 490 129,116	29,495	29,033
31	8	98 423	49 378,231	1 439 608,280	29,155	28,693
32	9	98 350	48 255,440	1 390 230,049	28,810	28,348
33	10	98 274	47 157,472	1 341 974,609	28,457	27,995
34	11	98 199	46 084,298	1 294 817,137	28,097	27,635
35	12	98 112	45 030,570	1 248 732,839	27,731	27,269
36	13	98 017	43 997,100	1 203 702,269	27,359	26,897
37	14	97 922	42 987,085	1 159 705,169	26,978	26,516
38	15	97 820	41 997,360	1 116 718,084	26,590	26,128
39	16	97 705	41 024,973	1 074 720,724	26,197	25,735
40	17	97 585	40 072,779	1 033 695,751	25,795	25,333
41	18	97 448	39 136,000	993 622,971	25,389	24,927
42	19	97 299	38 216,337	954 486,972	24,976	24,514
43	20	97 135	37 312,496	916 270,635	24,557	24,095
44	21	96 958	36 424,933	878 958,139	24,131	23,669
45	22	96 768	35 553,555	842 533,206	23,698	23,236
46	23	96 554	34 694,116	806 979,651	23,260	22,798
47	24	96 322	33 849,198	772 285,535	22,815	22,353
48	25	96 066	33 016,462	738 436,337	22,366	21,904
49	26	95 781	32 194,014	705 419,875	21,912	21,450
50	27	95 461	31 380,400	673 225,861	21,454	20,992
51	28	95 104	30 575,238	641 845,461	20,992	20,530
52	29	94 713	29 779,552	611 270,223	20,527	20,064
53	30	94 270	28 987,869	581 490,671	20,060	19,598
54	31	93 772	28 200,256	552 502,802	19,592	19,130
55	32	93 219	27 417,224	524 302,546	19,123	18,661
56	33	92 614	26 639,803	496 885,322	18,652	18,190
57	34	91 949	25 866,428	470 245,519	18,180	17,718
58	35	91 220	25 096,669	444 379,091	17,707	17,245
59	36	90 413	24 327,458	419 282,422	17,235	16,773
60	37	89 535	23 560,995	394 954,965	16,763	16,301
61	38	88 595	22 800,669	371 393,969	16,289	15,827
62	39	87 570	22 041,002	348 593,300	15,816	15,354
63	40	86 457	21 281,903	326 552,298	15,344	14,882
64	41	85 269	20 527,663	305 270,395	14,871	14,409
65	42	83 988	19 774,236	284 742,732	14,400	13,938
66	43	82 628	19 026,122	264 968,496	13,927	13,465
67	44	81 205	18 286,831	245 942,374	13,449	12,987
68	45	79 665	17 545,421	227 655,543	12,975	12,513
69	46	78 088	16 819,678	210 110,122	12,492	12,030
70	47	76 380	16 089,672	193 290,443	12,013	11,551
71	48	74 562	15 361,022	177 200,771	11,536	11,074
72	49	72 627	14 633,133	161 839,749	11,060	10,598
73	50	70 599	13 911,668	147 206,616	10,582	10,120
74	51	68 467	13 194,503	133 294,948	10,102	9,640
75	52	66 203	12 477,552	120 100,445	9,625	9,163
76	53	63 793	11 758,747	107 622,892	9,153	8,691
77	54	61 224	11 036,865	95 864,145	8,686	8,224
78	55	58 521	10 317,548	84 827,280	8,222	7,760
79	56	55 630	9 592,014	74 509,732	7,768	7,306
80	57	52 531	8 858,357	64 917,719	7,328	6,866
81	58	49 256	8 123,320	56 059,362	6,901	6,439
82	59	45 776	7 383,280	47 936,042	6,493	6,030
83	60	42 149	6 648,632	40 552,762	6,099	5,637
84	61	38 367	5 918,836	33 904,130	5,728	5,266
85	62	34 515	5 207,507	27 985,294	5,374	4,912
86	63	30 617	4 517,734	22 777,787	5,042	4,580
87	64	26 765	3 862,430	18 260,053	4,728	4,266
88	65	23 037	3 251,213	14 397,623	4,428	3,966
89	66	19 481	2 688,844	11 146,410	4,145	3,683
90	67	16 174	2 183,261	8 457,566	3,874	3,412
91	68	13 141	1 734,847	6 274,305	3,617	3,155
92	69	10 374	1 339,435	4 539,458	3,389	2,927
93	70	7 958	1 004,872	3 200,023	3,185	2,722
94	71	5 944	734,076	2 195,151	2,990	2,528
95	72	4 261	514,586	1 461,075	2,839	2,377
96	73	2 999	354,186	946,489	2,672	2,210
97	74	2 029	234,420	592,303	2,527	2,065
98	75	1 320	149,170	357,883	2,399	1,937
99	76	827	91,361	208,713	2,284	1,822
100	77	498	53,776	117,351	2,182	1,720

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	58 131,848	1 819 953,067	31,307	30,845
25	1	98 808	56 651,076	1 761 821,219	31,100	30,638
26	2	98 737	55 365,022	1 705 170,143	30,799	30,337
27	3	98 679	54 114,621	1 649 805,121	30,487	30,025
28	4	98 615	52 889,605	1 595 690,500	30,170	29,708
29	5	98 555	51 694,430	1 542 800,896	29,845	29,383
30	6	98 491	50 524,162	1 491 106,465	29,513	29,051
31	7	98 428	49 380,665	1 440 582,303	29,173	28,711
32	8	98 356	48 258,427	1 391 201,638	28,828	28,366
33	9	98 281	47 160,524	1 342 943,211	28,476	28,014
34	10	98 205	46 087,029	1 295 782,687	28,116	27,654
35	11	98 120	45 033,924	1 249 695,658	27,750	27,288
36	12	98 025	44 000,581	1 204 661,734	27,378	26,916
37	13	97 930	42 990,770	1 160 661,152	26,998	26,536
38	14	97 830	42 001,767	1 117 670,382	26,610	26,148
39	15	97 717	41 030,106	1 075 668,615	26,217	25,755
40	16	97 599	40 078,434	1 034 638,509	25,815	25,353
41	17	97 462	39 141,731	994 560,074	25,409	24,947
42	18	97 319	38 224,121	955 418,344	24,995	24,533
43	19	97 154	37 319,700	917 194,223	24,577	24,115
44	20	96 976	36 431,679	879 874,523	24,151	23,689
45	21	96 784	35 559,442	843 442,844	23,719	23,257
46	22	96 570	34 700,121	807 883,402	23,282	22,820
47	23	96 343	33 856,545	773 183,282	22,837	22,375
48	24	96 082	33 022,062	739 326,737	22,389	21,927
49	25	95 798	32 200,018	706 304,675	21,935	21,473
50	26	95 479	31 386,507	674 104,657	21,478	21,016
51	27	95 125	30 581,918	642 718,151	21,016	20,554
52	28	94 737	29 786,981	612 136,232	20,550	20,088
53	29	94 294	28 995,372	582 349,252	20,084	19,622
54	30	93 800	28 208,632	553 353,880	19,616	19,154
55	31	93 249	27 425,979	525 145,248	19,148	18,686
56	32	92 646	26 649,051	497 719,269	18,677	18,215
57	33	91 981	25 875,640	471 070,218	18,205	17,743
58	34	91 255	25 106,489	445 194,577	17,732	17,270
59	35	90 450	24 337,253	420 088,088	17,261	16,799
60	36	89 577	23 572,047	395 750,836	16,789	16,327
61	37	88 636	22 811,167	372 178,788	16,316	15,854
62	38	87 622	22 053,918	349 367,621	15,842	15,380
63	39	86 508	21 294,588	327 313,703	15,371	14,909
64	40	85 327	20 541,605	306 019,115	14,898	14,436
65	41	84 052	19 789,332	285 477,510	14,426	13,964
66	42	82 697	19 041,923	265 688,177	13,953	13,491
67	43	81 278	18 303,303	246 646,254	13,476	13,013
68	44	79 747	17 563,336	228 342,952	13,001	12,539
69	45	78 175	16 838,402	210 779,615	12,518	12,056
70	46	76 477	16 110,127	193 941,213	12,038	11,576
71	47	74 669	15 383,075	177 831,086	11,560	11,098
72	48	72 743	14 656,577	162 448,011	11,084	10,622
73	49	70 728	13 936,914	147 791,434	10,604	10,142
74	50	68 602	13 220,557	133 854,520	10,125	9,663
75	51	66 350	12 505,173	120 633,963	9,647	9,185
76	52	63 950	11 787,690	108 128,790	9,173	8,711
77	53	61 392	11 067,113	96 341,100	8,705	8,243
78	54	58 698	10 348,694	85 273,987	8,240	7,778
79	55	55 815	9 623,902	74 925,293	7,785	7,323
80	56	52 722	8 890,530	65 301,392	7,345	6,883
81	57	49 454	8 155,881	56 410,862	6,917	6,455
82	58	45 979	7 415,988	48 254,981	6,507	6,045
83	59	42 354	6 680,901	40 838,992	6,113	5,651
84	60	38 575	5 950,918	34 158,091	5,740	5,278
85	61	34 710	5 236,807	28 207,174	5,386	4,924
86	62	30 804	4 545,355	22 970,367	5,054	4,592
87	63	26 943	3 888,031	18 425,012	4,739	4,277
88	64	23 206	3 275,079	14 536,981	4,439	3,977
89	65	19 638	2 710,561	11 261,902	4,155	3,693
90	66	16 316	2 202,501	8 551,341	3,883	3,421
91	67	13 269	1 751,830	6 348,840	3,624	3,162
92	68	10 481	1 353,258	4 597,010	3,397	2,935
93	69	8 048	1 016,226	3 243,752	3,192	2,730
94	70	6 018	743,130	2 227,526	2,997	2,535
95	71	4 318	521,570	1 484,396	2,846	2,384
96	72	3 042	359,364	962,826	2,679	2,217
97	73	2 061	238,107	603,462	2,534	2,072
98	74	1 343	151,767	365,356	2,407	1,945
99	75	843	93,137	213,589	2,293	1,831
100	76	509	54,976	120,452	2,191	1,729

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	56 825,180	1 762 921,890	31,024	30,562
26	1	98 760	55 377,818	1 706 096,710	30,808	30,346
27	2	98 691	54 121,065	1 650 718,892	30,500	30,038
28	3	98 627	52 895,906	1 596 597,827	30,184	29,722
29	4	98 564	51 699,131	1 543 701,920	29,859	29,397
30	5	98 499	50 527,951	1 492 002,789	29,528	29,066
31	6	98 435	49 383,916	1 441 474,837	29,189	28,727
32	7	98 360	48 260,806	1 392 090,921	28,845	28,383
33	8	98 287	47 163,444	1 343 830,115	28,493	28,031
34	9	98 211	46 090,011	1 296 666,671	28,133	27,671
35	10	98 125	45 036,593	1 250 576,660	27,768	27,306
36	11	98 033	44 003,859	1 205 540,067	27,396	26,934
37	12	97 938	42 994,172	1 161 536,208	27,016	26,554
38	13	97 839	42 005,368	1 118 542,037	26,629	26,167
39	14	97 728	41 034,412	1 076 536,669	26,235	25,773
40	15	97 611	40 083,449	1 035 502,256	25,834	25,372
41	16	97 476	39 147,254	995 418,807	25,428	24,966
42	17	97 333	38 229,718	956 271,553	25,014	24,552
43	18	97 174	37 327,301	918 041,835	24,594	24,132
44	19	96 995	36 438,712	880 714,534	24,170	23,708
45	20	96 802	35 566,028	844 275,821	23,738	23,276
46	21	96 586	34 705,867	808 709,794	23,302	22,840
47	22	96 359	33 862,404	774 003,927	22,857	22,395
48	23	96 103	33 029,229	740 141,522	22,409	21,947
49	24	95 815	32 205,479	707 112,294	21,956	21,494
50	25	95 497	31 392,360	674 906,815	21,499	21,037
51	26	95 143	30 587,870	643 514,455	21,038	20,576
52	27	94 758	29 793,489	612 926,585	20,573	20,110
53	28	94 318	29 002,605	583 133,096	20,106	19,644
54	29	93 824	28 215,934	554 130,491	19,639	19,177
55	30	93 277	27 434,125	525 914,558	19,170	18,708
56	31	92 676	26 657,560	498 480,433	18,699	18,237
57	32	92 013	25 884,624	471 822,873	18,228	17,766
58	33	91 288	25 115,431	445 938,249	17,756	17,294
59	34	90 485	24 346,775	420 822,818	17,285	16,823
60	35	89 613	23 581,538	396 476,043	16,813	16,351
61	36	88 678	22 821,867	372 894,504	16,339	15,877
62	37	87 662	22 064,072	350 072,637	15,866	15,404
63	38	86 559	21 307,067	328 008,565	15,394	14,932
64	39	85 378	20 553,849	306 701,498	14,922	14,460
65	40	84 109	19 802,773	286 147,649	14,450	13,988
66	41	82 760	19 056,461	266 344,876	13,977	13,515
67	42	81 345	18 318,503	247 288,415	13,499	13,037
68	43	79 819	17 579,156	228 969,912	13,025	12,563
69	44	78 255	16 855,595	211 390,755	12,541	12,079
70	45	76 562	16 128,061	194 535,160	12,062	11,600
71	46	74 764	15 402,632	178 407,099	11,583	11,121
72	47	72 847	14 677,618	163 004,467	11,106	10,644
73	48	70 841	13 959,243	148 326,849	10,626	10,164
74	49	68 726	13 244,548	134 367,606	10,145	9,683
75	50	66 481	12 529,866	121 123,058	9,667	9,205
76	51	64 092	11 813,784	108 593,192	9,192	8,730
77	52	61 543	11 094,353	96 779,408	8,723	8,261
78	53	58 859	10 377,056	85 685,055	8,257	7,795
79	54	55 984	9 652,953	75 308,000	7,802	7,340
80	55	52 897	8 920,086	65 655,046	7,360	6,898
81	56	49 633	8 185,503	56 734,960	6,931	6,469
82	57	46 163	7 445,714	48 549,457	6,520	6,058
83	58	42 541	6 710,498	41 103,743	6,125	5,663
84	59	38 762	5 979,800	34 393,245	5,752	5,290
85	60	34 898	5 265,192	28 413,445	5,396	4,934
86	61	30 978	4 570,929	23 148,253	5,064	4,602
87	62	27 107	3 911,801	18 577,324	4,749	4,287
88	63	23 359	3 296,787	14 665,523	4,448	3,986
89	64	19 782	2 730,459	11 368,736	4,164	3,702
90	65	16 448	2 220,290	8 638,277	3,891	3,429
91	66	13 386	1 767,268	6 417,986	3,632	3,170
92	67	10 584	1 366,505	4 650,719	3,403	2,941
93	68	8 131	1 026,713	3 284,213	3,199	2,737
94	69	6 085	751,526	2 257,500	3,004	2,542
95	70	4 372	528,003	1 505,974	2,852	2,390
96	71	3 084	364,241	977,971	2,685	2,223
97	72	2 091	241,588	613,730	2,540	2,078
98	73	1 364	154,154	372,142	2,414	1,952
99	74	858	94,758	217,988	2,300	1,838
100	75	519	56,044	123,230	2,199	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 381 952,450	33,820	33,357
1	1	99 340	96 917,114	3 281 952,450	33,863	33,401
2	2	99 290	94 505,684	3 185 035,337	33,702	33,240
3	3	99 263	92 175,309	3 090 529,653	33,529	33,066
4	4	99 238	89 904,841	2 998 354,344	33,350	32,888
5	5	99 218	87 693,892	2 908 449,503	33,166	32,704
6	6	99 201	85 540,539	2 820 755,611	32,976	32,513
7	7	99 184	83 440,036	2 735 215,073	32,781	32,318
8	8	99 171	81 394,047	2 651 775,036	32,579	32,117
9	9	99 157	79 397,441	2 570 380,989	32,374	31,911
10	10	99 142	77 449,678	2 490 983,548	32,163	31,700
11	11	99 129	75 550,373	2 413 533,870	31,946	31,484
12	12	99 112	73 695,609	2 337 983,497	31,725	31,262
13	13	99 097	71 886,834	2 264 287,888	31,498	31,036
14	14	99 079	70 120,778	2 192 401,054	31,266	30,804
15	15	99 056	68 395,075	2 122 280,276	31,030	30,567
16	16	99 029	66 708,527	2 053 885,201	30,789	30,327
17	17	98 990	65 055,546	1 987 176,674	30,546	30,083
18	18	98 946	63 440,926	1 922 121,128	30,298	29,835
19	19	98 888	61 857,260	1 858 680,202	30,048	29,585
20	20	98 828	60 311,703	1 796 822,942	29,792	29,330
21	21	98 765	58 803,274	1 736 511,239	29,531	29,068
22	22	98 704	57 333,898	1 677 707,965	29,262	28,800
23	23	98 643	55 900,608	1 620 374,067	28,987	28,524
24	24	98 576	54 500,306	1 564 473,459	28,706	28,243
25	25	98 512	53 136,315	1 509 973,153	28,417	27,955
26	26	98 446	51 805,704	1 456 836,838	28,121	27,659
27	27	98 380	50 508,373	1 405 031,134	27,818	27,355
28	28	98 307	49 239,700	1 354 522,762	27,509	27,046
29	29	98 232	48 002,013	1 305 283,062	27,192	26,730
30	30	98 150	46 792,305	1 257 281,048	26,869	26,407
31	31	98 064	45 611,182	1 210 488,743	26,539	26,077
32	32	97 966	44 453,889	1 164 877,562	26,204	25,742
33	33	97 863	43 324,226	1 120 423,673	25,861	25,399
34	34	97 759	42 222,486	1 077 099,447	25,510	25,048
35	35	97 642	41 143,400	1 034 876,961	25,153	24,691
36	36	97 516	40 088,127	993 733,561	24,789	24,326
37	37	97 384	39 057,345	953 645,434	24,417	23,954
38	38	97 248	38 051,504	914 588,089	24,036	23,573
39	39	97 089	37 062,738	876 536,585	23,650	23,188
40	40	96 925	36 097,790	839 473,847	23,256	22,793
41	41	96 737	35 149,226	803 376,057	22,856	22,394
42	42	96 536	34 220,382	768 226,831	22,449	21,987
43	43	96 312	33 308,331	734 006,449	22,037	21,574
44	44	96 067	32 413,519	700 698,118	21,617	21,155
45	45	95 797	31 533,966	668 284,599	21,193	20,730
46	46	95 495	30 667,813	636 750,634	20,763	20,300
47	47	95 165	29 816,542	606 082,820	20,327	19,865
48	48	94 793	28 975,404	576 266,278	19,888	19,426
49	49	94 378	28 144,873	547 290,873	19,445	18,983
50	50	93 910	27 322,421	519 146,001	19,001	18,538
51	51	93 395	26 509,906	491 823,580	18,552	18,090
52	52	92 829	25 706,559	465 313,674	18,101	17,639
53	53	92 192	24 907,279	439 607,114	17,650	17,187
54	54	91 481	24 112,535	414 699,835	17,199	16,736
55	55	90 697	23 322,890	390 587,300	16,747	16,285
56	56	89 841	22 539,211	367 264,409	16,294	15,832
57	57	88 905	21 760,244	344 725,198	15,842	15,380
58	58	87 882	20 985,312	322 964,955	15,390	14,928
59	59	86 756	20 211,132	301 979,642	14,941	14,479
60	60	85 538	19 441,418	281 768,510	14,493	14,031
61	61	84 223	18 675,560	262 327,092	14,047	13,584
62	62	82 831	17 919,030	243 651,532	13,597	13,135
63	63	81 330	17 165,038	225 732,501	13,151	12,688
64	64	79 738	16 418,713	208 567,463	12,703	12,241
65	65	78 027	15 674,502	192 148,750	12,259	11,796
66	66	76 212	14 936,562	176 474,248	11,815	11,352
67	67	74 312	14 208,848	161 537,686	11,369	10,906
68	68	72 270	13 481,435	147 328,838	10,928	10,466
69	69	70 194	12 774,785	133 847,403	10,477	10,015
70	70	67 978	12 069,660	121 072,618	10,031	9,569
71	71	65 645	11 371,210	109 002,959	9,586	9,123
72	72	63 186	10 678,345	97 631,748	9,143	8,681
73	73	60 647	9 999,293	86 953,404	8,696	8,234
74	74	58 019	9 332,599	76 954,111	8,246	7,783
75	75	55 263	8 672,501	67 621,512	7,797	7,335
76	76	52 364	8 017,190	58 949,012	7,353	6,890
77	77	49 293	7 362,936	50 931,821	6,917	6,455
78	78	46 104	6 718,603	43 568,886	6,485	6,022
79	79	42 737	6 075,955	36 850,283	6,065	5,603
80	80	39 169	5 432,914	30 774,328	5,664	5,202
81	81	35 458	4 798,227	25 341,414	5,281	4,819
82	82	31 640	4 177,199	20 543,187	4,918	4,456
83	83	27 801	3 580,781	16 365,987	4,571	4,108
84	84	23 966	3 011,494	12 785,206	4,245	3,783
85	85	20 224	2 479,308	9 773,712	3,942	3,480
86	86	16 656	1 992,074	7 294,404	3,662	3,199
87	87	13 353	1 558,175	5 302,330	3,403	2,940
88	88	10 406	1 184,636	3 744,154	3,161	2,698
89	89	7 852	872,102	2 559,518	2,935	2,472
90	90	5 716	619,324	1 687,417	2,725	2,262
91	91	3 996	422,392	1 068,093	2,529	2,066
92	92	2 654	273,681	645,701	2,359	1,897
93	93	1 672	168,285	372,020	2,211	1,748
94	94	1 000	98,176	203,735	2,075	1,613
95	95	556	53,221	105,559	1,983	1,521
96	96	298	27,843	52,339	1,880	1,417
97	97	150	13,640	24,495	1,796	1,333
98	98	72	6,369	10,855	1,704	1,242
99	99	32	2,758	4,486	1,627	1,164
100	100	13	1,108	1,728	1,560	1,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	3 375 075,363	33,854	33,392	50	51	93 725	27 268,578	513 374,780	18,827	18,364
1	2	99 317	96 894,720	3 275 381,749	33,804	33,341	51	52	93 189	26 451,352	486 106,203	18,377	17,915
2	3	99 278	94 494,430	3 178 487,029	33,637	33,174	52	53	92 601	25 643,442	459 654,851	17,925	17,462
3	4	99 251	92 164,328	3 083 992,599	33,462	32,999	53	54	91 940	24 839,204	434 011,409	17,473	17,010
4	5	99 229	89 896,666	2 991 828,271	33,281	32,818	54	55	91 206	24 039,965	409 172,204	17,020	16,558
5	6	99 210	87 687,315	2 901 931,606	33,094	32,632	55	56	90 397	23 245,612	385 132,239	16,568	16,106
6	7	99 194	85 534,908	2 814 244,290	32,902	32,439	56	57	89 516	22 457,644	361 886,627	16,114	15,652
7	8	99 179	83 435,923	2 728 709,383	32,704	32,242	57	58	88 550	21 673,371	339 428,982	15,661	15,199
8	9	99 165	81 389,008	2 645 273,459	32,502	32,039	58	59	87 494	20 892,755	317 755,612	15,209	14,746
9	10	99 150	79 392,304	2 563 884,452	32,294	31,831	59	60	86 337	20 113,512	296 862,857	14,759	14,297
10	11	99 136	77 445,088	2 484 492,148	32,081	31,618	60	61	85 077	19 336,609	276 749,344	14,312	13,850
11	12	99 121	75 544,746	2 407 047,059	31,863	31,400	61	62	83 752	18 571,069	257 412,735	13,861	13,399
12	13	99 105	73 689,779	2 331 502,313	31,639	31,177	62	63	82 328	17 810,143	238 841,667	13,410	12,948
13	14	99 088	71 880,672	2 257 812,535	31,411	30,948	63	64	80 794	17 052,017	221 031,524	12,962	12,500
14	15	99 068	70 113,420	2 185 931,863	31,177	30,715	64	65	79 157	16 299,064	203 979,507	12,515	12,052
15	16	99 044	68 386,519	2 115 818,443	30,939	30,477	65	66	77 402	15 548,915	187 680,443	12,070	11,608
16	17	99 015	66 699,114	2 047 431,924	30,697	30,234	66	67	75 547	14 806,085	172 131,528	11,626	11,163
17	18	98 975	65 046,021	1 980 732,810	30,451	29,989	67	68	73 591	14 071,101	157 325,443	11,181	10,718
18	19	98 926	63 428,006	1 915 686,789	30,203	29,740	68	69	71 532	13 343,725	143 254,342	10,736	10,273
19	20	98 869	61 845,320	1 852 258,783	29,950	29,487	69	70	69 410	12 632,063	129 910,617	10,284	9,822
20	21	98 809	60 300,535	1 790 413,463	29,692	29,229	70	71	67 149	11 922,608	117 278,554	9,837	9,374
21	22	98 749	58 793,538	1 730 112,927	29,427	28,965	71	72	64 766	11 218,946	105 355,945	9,391	8,928
22	23	98 687	57 323,977	1 671 319,389	29,156	28,693	72	73	62 276	10 524,477	94 136,999	8,945	8,482
23	24	98 621	55 888,478	1 613 995,412	28,879	28,416	73	74	59 708	9 844,476	83 612,522	8,493	8,031
24	25	98 559	54 491,064	1 558 106,934	28,594	28,131	74	75	57 026	9 172,933	73 768,046	8,042	7,580
25	26	98 493	53 126,407	1 503 615,870	28,303	27,840	75	76	54 209	8 507,137	64 595,114	7,593	7,131
26	27	98 427	51 795,624	1 450 489,462	28,004	27,542	76	77	51 221	7 842,206	56 087,976	7,152	6,690
27	28	98 359	50 497,340	1 398 693,839	27,698	27,236	77	78	48 088	7 182,898	48 245,770	6,717	6,254
28	29	98 282	49 227,420	1 348 196,499	27,387	26,925	78	79	44 809	6 529,808	41 062,872	6,289	5,826
29	30	98 206	47 989,591	1 298 969,079	27,068	26,605	79	80	41 330	5 875,915	34 533,064	5,877	5,415
30	31	98 121	46 778,411	1 250 979,487	26,743	26,280	80	81	37 665	5 224,247	28 657,149	5,485	5,023
31	32	98 033	45 596,623	1 204 201,076	26,410	25,947	81	82	33 896	4 586,805	23 432,902	5,109	4,646
32	33	97 932	44 438,462	1 158 604,454	26,072	25,610	82	83	30 048	3 966,913	18 846,097	4,751	4,288
33	34	97 828	43 308,800	1 114 165,992	25,726	25,264	83	84	26 186	3 372,803	14 879,184	4,412	3,949
34	35	97 720	42 205,972	1 070 857,192	25,372	24,910	84	85	22 355	2 809,059	11 506,382	4,096	3,634
35	36	97 602	41 126,840	1 028 651,220	25,012	24,549	85	86	18 662	2 287,853	8 697,323	3,802	3,339
36	37	97 470	40 069,332	987 524,379	24,645	24,183	86	87	15 175	1 814,963	6 409,470	3,531	3,069
37	38	97 339	39 039,370	947 455,048	24,269	23,807	87	88	12 002	1 400,504	4 594,507	3,281	2,818
38	39	97 191	38 029,218	908 415,677	23,887	23,425	88	89	9 211	1 048,610	3 194,003	3,046	2,584
39	40	97 031	37 040,660	870 386,459	23,498	23,036	89	90	6 824	757,928	2 145,393	2,831	2,368
40	41	96 859	36 073,290	833 345,799	23,101	22,639	90	91	4 870	527,703	1 387,465	2,629	2,167
41	42	96 664	35 122,412	797 272,509	22,700	22,237	91	92	3 327	351,711	859,762	2,445	1,982
42	43	96 455	34 191,986	762 150,097	22,290	21,828	92	93	2 156	222,350	508,052	2,285	1,823
43	44	96 225	33 278,355	727 958,111	21,875	21,412	93	94	1 323	133,080	285,702	2,147	1,684
44	45	95 969	32 380,456	694 679,756	21,454	20,991	94	95	765	75,088	152,622	2,033	1,570
45	46	95 691	31 498,901	662 299,300	21,026	20,564	95	96	417	39,967	77,534	1,940	1,478
46	47	95 374	30 628,874	630 800,398	20,595	20,133	96	97	218	20,340	37,567	1,847	1,385
47	48	95 029	29 773,799	600 171,525	20,158	19,695	97	98	108	9,861	17,227	1,747	1,285
48	49	94 641	28 929,056	570 397,726	19,717	19,255	98	99	50	4,428	7,366	1,664	1,201
49	50	94 207	28 093,890	541 468,670	19,274	18,811	99	100	21	1,846	2,938	1,591	1,129

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	3 367 999,195	33,791	33,329
1	3	99 305	96 883,182	3 268 328,616	33,735	33,272
2	4	99 266	94 483,172	3 171 445,434	33,566	33,104
3	5	99 242	92 155,947	3 076 962,262	33,389	32,926
4	6	99 222	89 889,924	2 984 806,315	33,205	32,743
5	7	99 204	87 681,543	2 894 916,391	33,016	32,554
6	8	99 189	85 530,691	2 807 234,848	32,821	32,359
7	9	99 173	83 430,758	2 721 704,156	32,622	32,160
8	10	99 158	81 383,741	2 638 273,399	32,418	31,955
9	11	99 144	79 387,600	2 556 889,657	32,208	31,745
10	12	99 129	77 439,320	2 477 502,058	31,993	31,530
11	13	99 113	75 538,769	2 400 062,738	31,773	31,310
12	14	99 096	73 683,462	2 324 523,969	31,547	31,085
13	15	99 078	71 873,129	2 250 840,506	31,317	30,854
14	16	99 056	70 104,649	2 178 967,378	31,082	30,619
15	17	99 030	68 376,869	2 108 862,729	30,842	30,379
16	18	99 001	66 689,348	2 040 485,860	30,597	30,134
17	19	98 955	65 032,775	1 973 796,512	30,351	29,888
18	20	98 907	63 415,763	1 908 763,737	30,099	29,637
19	21	98 851	61 833,868	1 845 347,974	29,844	29,381
20	22	98 793	60 290,552	1 783 514,105	29,582	29,120
21	23	98 731	58 783,364	1 723 223,553	29,315	28,852
22	24	98 666	57 311,538	1 664 440,189	29,042	28,580
23	25	98 605	55 879,001	1 607 128,650	28,761	28,298
24	26	98 541	54 480,904	1 551 249,649	28,473	28,011
25	27	98 474	53 116,070	1 496 768,745	28,179	27,717
26	28	98 405	51 784,310	1 443 652,675	27,878	27,416
27	29	98 334	50 484,746	1 391 868,365	27,570	27,108
28	30	98 257	49 214,681	1 341 383,619	27,256	26,793
29	31	98 177	47 975,342	1 292 168,938	26,934	26,472
30	32	98 090	46 763,479	1 244 193,596	26,606	26,144
31	33	97 999	45 580,799	1 197 430,117	26,270	25,808
32	34	97 897	44 422,640	1 151 849,318	25,929	25,467
33	35	97 790	43 291,861	1 107 426,679	25,580	25,118
34	36	97 681	42 188,985	1 064 134,817	25,223	24,761
35	37	97 557	41 107,558	1 021 945,832	24,860	24,398
36	38	97 425	40 050,891	980 838,274	24,490	24,027
37	39	97 282	39 016,506	940 787,383	24,113	23,650
38	40	97 133	38 006,564	901 770,877	23,727	23,264
39	41	96 965	37 015,521	863 764,312	23,335	22,873
40	42	96 785	36 045,771	826 748,792	22,936	22,474
41	43	96 583	35 093,267	790 703,021	22,531	22,069
42	44	96 369	34 161,215	755 609,754	22,119	21,657
43	45	96 127	33 244,410	721 448,538	21,701	21,239
44	46	95 863	32 344,450	688 204,128	21,277	20,815
45	47	95 569	31 458,906	655 859,678	20,848	20,386
46	48	95 237	30 584,966	624 400,772	20,415	19,953
47	49	94 877	29 726,174	593 815,806	19,976	19,514
48	50	94 470	28 876,652	564 089,632	19,534	19,072
49	51	94 021	28 038,526	535 212,980	19,088	18,626
50	52	93 518	27 208,347	507 174,454	18,640	18,178
51	53	92 960	26 386,406	479 966,107	18,190	17,727
52	54	92 348	25 573,355	453 579,701	17,736	17,274
53	55	91 663	24 764,447	428 006,346	17,283	16,821
54	56	90 904	23 960,311	403 241,899	16,830	16,367
55	57	90 070	23 161,489	379 281,587	16,376	15,913
56	58	89 159	22 367,987	356 120,098	15,921	15,459
57	59	88 159	21 577,779	333 752,111	15,467	15,005
58	60	87 072	20 791,843	312 174,332	15,014	14,552
59	61	85 871	20 005,080	291 382,489	14,565	14,103
60	62	84 601	19 228,419	271 377,409	14,113	13,651
61	63	83 243	18 458,219	252 148,990	13,661	13,198
62	64	81 786	17 692,874	233 690,771	13,208	12,746
63	65	80 205	16 927,753	215 997,897	12,760	12,298
64	66	78 523	16 168,473	199 070,145	12,312	11,850
65	67	76 726	15 413,089	182 901,671	11,867	11,404
66	68	74 814	14 662,549	167 488,583	11,423	10,960
67	69	72 840	13 927,368	152 826,034	10,973	10,511
68	70	70 733	13 194,646	138 898,666	10,527	10,064
69	71	68 564	12 478,160	125 704,020	10,074	9,612
70	72	66 250	11 762,960	113 225,860	9,626	9,163
71	73	63 833	11 057,288	101 462,899	9,176	8,714
72	74	61 312	10 361,529	90 405,611	8,725	8,263
73	75	58 687	9 676,053	80 044,082	8,272	7,810
74	76	55 939	8 998,028	70 368,029	7,820	7,358
75	77	53 026	8 321,460	61 370,001	7,375	6,912
76	78	49 969	7 650,450	53 048,542	6,934	6,472
77	79	46 737	6 981,057	45 398,092	6,503	6,041
78	80	43 333	6 314,825	38 417,035	6,084	5,621
79	81	39 742	5 650,233	32 102,210	5,682	5,219
80	82	36 005	4 994,053	26 451,977	5,297	4,834
81	83	32 189	4 355,898	21 457,924	4,926	4,464
82	84	28 302	3 736,507	17 102,026	4,577	4,115
83	85	24 426	3 146,080	13 365,519	4,248	3,786
84	86	20 628	2 592,140	10 219,439	3,942	3,480
85	87	17 003	2 084,445	7 627,300	3,659	3,197
86	88	13 639	1 631,307	5 542,854	3,398	2,935
87	89	10 624	1 239,691	3 911,547	3,155	2,693
88	90	8 005	911,328	2 671,857	2,932	2,469
89	91	5 815	645,802	1 760,529	2,726	2,264
90	92	4 055	439,400	1 114,726	2,537	2,075
91	93	2 703	285,744	675,327	2,363	1,901
92	94	1 705	175,835	389,582	2,216	1,753
93	95	1 012	101,783	213,748	2,100	1,638
94	96	574	56,388	111,964	1,986	1,523
95	97	305	29,196	55,576	1,904	1,441
96	98	157	14,705	26,380	1,794	1,332
97	99	75	6,856	11,675	1,703	1,240
98	100	33	2,964	4,819	1,626	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	3 360 419,475	33,719	33,257
1	4	99 293	96 871,640	3 260 760,765	33,661	33,198
2	5	99 257	94 474,581	3 163 889,125	33,489	33,027
3	6	99 234	92 149,036	3 069 414,545	33,309	32,847
4	7	99 215	89 884,007	2 977 265,509	33,123	32,661
5	8	99 199	87 677,221	2 887 381,502	32,932	32,470
6	9	99 183	85 525,396	2 799 704,281	32,735	32,273
7	10	99 167	83 425,359	2 714 178,885	32,534	32,072
8	11	99 152	81 378,919	2 630 753,526	32,327	31,865
9	12	99 137	79 381,687	2 549 374,607	32,115	31,653
10	13	99 121	77 433,193	2 469 992,921	31,898	31,436
11	14	99 105	75 532,294	2 392 559,727	31,676	31,214
12	15	99 086	73 675,730	2 317 027,433	31,449	30,987
13	16	99 066	71 864,137	2 243 351,703	31,217	30,754
14	17	99 042	70 094,757	2 171 487,566	30,979	30,517
15	18	99 016	68 366,858	2 101 392,809	30,737	30,275
16	19	98 981	66 675,768	2 033 025,951	30,491	30,029
17	20	98 936	65 020,222	1 966 350,184	30,242	29,780
18	21	98 889	63 404,021	1 901 329,962	29,988	29,525
19	22	98 834	61 823,631	1 837 925,941	29,729	29,266
20	23	98 776	60 280,119	1 776 102,310	29,464	29,002
21	24	98 710	58 770,609	1 715 822,191	29,195	28,733
22	25	98 649	57 301,820	1 657 051,582	28,918	28,456
23	26	98 586	55 868,582	1 599 749,762	28,634	28,172
24	27	98 522	54 470,303	1 543 881,180	28,344	27,881
25	28	98 453	53 104,468	1 489 410,877	28,047	27,584
26	29	98 381	51 771,395	1 436 306,408	27,743	27,281
27	30	98 309	50 471,682	1 384 535,013	27,432	26,969
28	31	98 228	49 200,067	1 334 063,331	27,115	26,653
29	32	98 146	47 960,028	1 284 863,264	26,790	26,328
30	33	98 056	46 747,250	1 236 903,235	26,459	25,997
31	34	97 964	45 564,570	1 190 155,985	26,120	25,658
32	35	97 858	44 405,265	1 144 591,415	25,776	25,314
33	36	97 750	43 274,437	1 100 186,150	25,423	24,961
34	37	97 635	42 169,205	1 056 911,713	25,064	24,601
35	38	97 512	41 088,639	1 014 742,508	24,696	24,234
36	39	97 368	40 027,435	973 653,869	24,325	23,862
37	40	97 224	38 993,264	933 626,434	23,943	23,481
38	41	97 067	37 980,769	894 633,170	23,555	23,092
39	42	96 891	36 987,283	856 652,401	23,161	22,698
40	43	96 705	36 015,860	819 665,118	22,758	22,296
41	44	96 496	35 061,686	783 649,258	22,351	21,888
42	45	96 270	34 126,370	748 587,572	21,936	21,473
43	46	96 020	33 207,444	714 461,203	21,515	21,053
44	47	95 741	32 303,382	681 253,759	21,089	20,627
45	48	95 432	31 413,808	648 950,377	20,658	20,196
46	49	95 085	30 536,043	617 536,569	20,223	19,761
47	50	94 705	29 672,326	587 000,526	19,783	19,320
48	51	94 283	28 819,746	557 328,200	19,338	18,876
49	52	93 813	27 976,595	528 508,454	18,891	18,429
50	53	93 288	27 141,543	500 531,859	18,442	17,979
51	54	92 706	26 314,288	473 390,316	17,990	17,527
52	55	92 070	25 496,388	447 076,028	17,535	17,072
53	56	91 359	24 682,393	421 579,640	17,080	16,618
54	57	90 575	23 873,602	396 897,247	16,625	16,163
55	58	89 710	23 069,022	373 023,645	16,170	15,707
56	59	88 765	22 269,332	349 954,623	15,715	15,252
57	60	87 733	21 473,558	327 685,291	15,260	14,798
58	61	86 602	20 679,754	306 211,733	14,807	14,345
59	62	85 391	19 893,149	285 531,979	14,353	13,891
60	63	84 087	19 111,575	265 638,829	13,899	13,437
61	64	82 694	18 336,683	246 527,255	13,444	12,982
62	65	81 190	17 563,939	228 190,572	12,992	12,530
63	66	79 563	16 792,125	210 626,633	12,543	12,081
64	67	77 837	16 027,235	193 834,508	12,094	11,632
65	68	75 982	15 263,668	177 807,273	11,649	11,187
66	69	74 050	14 512,774	162 543,605	11,200	10,738
67	70	72 026	13 771,769	148 030,831	10,749	10,286
68	71	69 871	13 033,889	134 259,062	10,301	9,838
69	72	67 646	12 311,073	121 225,173	9,847	9,384
70	73	65 296	11 593,464	108 914,101	9,394	8,932
71	74	62 844	10 886,091	97 320,636	8,940	8,477
72	75	60 263	10 184,260	86 434,545	8,487	8,025
73	76	57 568	9 491,554	76 250,286	8,033	7,571
74	77	54 718	8 801,636	66 758,731	7,585	7,122
75	78	51 729	8 117,985	57 957,095	7,139	6,677
76	79	48 565	7 435,470	49 839,111	6,703	6,240
77	80	45 198	6 751,218	42 403,641	6,281	5,818
78	81	41 669	6 072,286	35 652,423	5,871	5,409
79	82	37 991	5 401,269	29 580,137	5,477	5,014
80	83	34 192	4 742,644	24 178,868	5,098	4,636
81	84	30 320	4 102,899	19 436,224	4,737	4,275
82	85	26 400	3 485,335	15 333,325	4,399	3,937
83	86	22 540	2 903,135	11 847,989	4,081	3,619
84	87	18 794	2 361,678	8 944,854	3,787	3,325
85	88	15 282	1 873,520	6 583,175	3,514	3,051
86	89	12 073	1 443,992	4 709,655	3,262	2,799
87	90	9 233	1 077,393	3 265,663	3,031	2,569
88	91	6 821	776,509	2 188,271	2,818	2,356
89	92	4 842	537,737	1 411,762	2,625	2,163
90	93	3 295	356,987	874,025	2,448	1,986
91	94	2 138	225,967	517,038	2,288	1,826
92	95	1 304	134,483	291,071	2,164	1,702
93	96	760	76,436	156,588	2,049	1,586
94	97	420	41,193	80,152	1,946	1,483
95	98	220	21,107	38,959	1,846	1,383
96	99	109	10,224	17,852	1,746	1,284
97	100	50	4,590	7,628	1,662	1,200

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	3 352 305,252	33,642	33,179
1	5	99 284	96 862,831	3 252 658,414	33,580	33,118
2	6	99 250	94 467,496	3 155 795,583	33,406	32,944
3	7	99 228	92 142,970	3 061 328,088	33,224	32,761
4	8	99 210	89 879,576	2 969 185,118	33,035	32,573
5	9	99 193	87 671,793	2 879 305,542	32,842	32,379
6	10	99 177	85 519,862	2 791 633,749	32,643	32,181
7	11	99 161	83 420,416	2 706 113,887	32,439	31,977
8	12	99 145	81 372,858	2 622 693,472	32,231	31,768
9	13	99 129	79 375,406	2 541 320,614	32,016	31,554
10	14	99 113	77 426,556	2 461 945,208	31,797	31,335
11	15	99 095	75 524,368	2 384 518,652	31,573	31,110
12	16	99 073	73 666,513	2 308 994,284	31,344	30,881
13	17	99 052	71 853,997	2 235 327,771	31,109	30,647
14	18	99 028	70 084,494	2 163 473,774	30,870	30,407
15	19	98 995	68 352,935	2 093 389,280	30,626	30,164
16	20	98 961	66 662,897	2 025 036,345	30,377	29,915
17	21	98 918	65 008,182	1 958 373,447	30,125	29,663
18	22	98 872	63 393,524	1 893 365,265	29,867	29,404
19	23	98 817	61 812,933	1 829 971,742	29,605	29,143
20	24	98 755	60 267,039	1 768 158,809	29,339	28,876
21	25	98 693	58 760,644	1 707 891,770	29,065	28,603
22	26	98 631	57 291,136	1 649 131,126	28,785	28,323
23	27	98 567	55 857,711	1 591 839,990	28,498	28,036
24	28	98 500	54 458,405	1 535 982,279	28,205	27,742
25	29	98 428	53 091,224	1 481 523,874	27,905	27,443
26	30	98 355	51 757,998	1 428 432,649	27,598	27,136
27	31	98 280	50 456,695	1 376 674,651	27,284	26,822
28	32	98 196	49 184,363	1 326 217,956	26,964	26,502
29	33	98 112	47 943,384	1 277 033,593	26,636	26,174
30	34	98 021	46 730,606	1 229 090,209	26,302	25,839
31	35	97 926	45 546,749	1 182 359,603	25,959	25,497
32	36	97 819	44 387,393	1 136 812,855	25,611	25,149
33	37	97 705	43 254,148	1 092 425,462	25,256	24,794
34	38	97 590	42 149,798	1 049 171,314	24,891	24,429
35	39	97 455	41 064,575	1 007 021,516	24,523	24,060
36	40	97 310	40 003,590	965 956,941	24,147	23,684
37	41	97 158	38 966,800	925 953,351	23,763	23,300
38	42	96 993	37 951,795	886 986,551	23,371	22,909
39	43	96 811	36 956,590	849 034,756	22,974	22,511
40	44	96 618	35 983,448	812 078,165	22,568	22,106
41	45	96 398	35 025,921	776 094,717	22,158	21,695
42	46	96 163	34 088,422	741 068,796	21,740	21,277
43	47	95 898	33 165,279	706 980,373	21,317	20,854
44	48	95 604	32 257,073	673 815,094	20,889	20,426
45	49	95 279	31 363,560	641 558,021	20,456	19,993
46	50	94 912	30 480,728	610 194,461	20,019	19,557
47	51	94 518	29 613,852	579 713,733	19,576	19,113
48	52	94 075	28 756,090	550 099,881	19,130	18,667
49	53	93 583	27 907,904	521 343,791	18,681	18,218
50	54	93 033	27 067,361	493 435,887	18,230	17,768
51	55	92 427	26 235,092	466 368,526	17,777	17,314
52	56	91 765	25 411,909	440 133,435	17,320	16,858
53	57	91 029	24 593,070	414 721,526	16,863	16,401
54	58	90 213	23 778,292	390 128,455	16,407	15,944
55	59	89 315	22 967,275	366 350,164	15,951	15,489
56	60	88 337	22 161,771	343 382,889	15,494	15,032
57	61	87 260	21 357,794	321 221,118	15,040	14,578
58	62	86 118	20 564,049	299 863,324	14,582	14,120
59	63	84 872	19 772,266	279 299,275	14,126	13,663
60	64	83 533	18 985,736	259 527,009	13,670	13,207
61	65	82 092	18 203,057	240 541,273	13,214	12,752
62	66	80 539	17 423,214	222 338,217	12,761	12,299
63	67	78 868	16 645,438	204 915,002	12,311	11,848
64	68	77 082	15 871,860	188 269,564	11,862	11,399
65	69	75 206	15 107,753	172 397,704	11,411	10,949
66	70	73 223	14 350,634	157 289,951	10,960	10,498
67	71	71 148	13 603,980	142 939,316	10,507	10,045
68	72	68 935	12 859,360	129 335,336	10,058	9,595
69	73	66 671	12 133,679	116 475,976	9,599	9,137
70	74	64 285	11 413,965	104 342,297	9,142	8,679
71	75	61 769	10 699,847	92 928,332	8,685	8,223
72	76	59 114	9 990,071	82 228,484	8,231	7,769
73	77	56 311	9 284,391	72 238,413	7,781	7,318
74	78	53 380	8 586,419	62 954,023	7,332	6,869
75	79	50 276	7 889,867	54 367,603	6,891	6,428
76	80	46 966	7 190,670	46 477,736	6,464	6,001
77	81	43 462	6 491,917	39 287,066	6,052	5,589
78	82	39 833	5 804,725	32 795,149	5,650	5,187
79	83	36 079	5 129,361	26 990,424	5,262	4,800
80	84	32 206	4 467,183	21 861,063	4,894	4,431
81	85	28 282	3 827,099	17 393,880	4,545	4,083
82	86	24 361	3 216,193	13 566,782	4,218	3,756
83	87	20 536	2 645,024	10 350,589	3,913	3,451
84	88	16 892	2 122,700	7 705,564	3,630	3,168
85	89	13 527	1 658,393	5 582,864	3,366	2,904
86	90	10 492	1 254,947	3 924,471	3,127	2,665
87	91	7 867	918,006	2 669,524	2,908	2,446
88	92	5 680	646,572	1 751,517	2,709	2,247
89	93	3 934	436,880	1 104,946	2,529	2,067
90	94	2 605	282,306	668,066	2,366	1,904
91	95	1 635	172,826	385,760	2,232	1,770
92	96	979	100,992	212,934	2,108	1,646
93	97	555	55,837	111,942	2,005	1,542
94	98	303	29,780	56,104	1,884	1,422
95	99	153	14,675	26,324	1,794	1,331
96	100	73	6,844	11,649	1,702	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	3 343 638,509	33,558	33,096
1	6	99 277	96 855,567	3 244 000,733	33,493	33,031
2	7	99 243	94 461,277	3 147 145,166	33,317	32,854
3	8	99 223	92 138,428	3 052 683,889	33,131	32,669
4	9	99 204	89 874,011	2 960 545,461	32,941	32,479
5	10	99 186	87 666,120	2 870 671,450	32,746	32,283
6	11	99 171	85 514,794	2 783 005,330	32,544	32,082
7	12	99 153	83 414,202	2 697 490,535	32,339	31,876
8	13	99 137	81 366,420	2 614 076,333	32,127	31,665
9	14	99 121	79 368,602	2 532 709,913	31,911	31,448
10	15	99 102	77 418,431	2 453 341,311	31,689	31,227
11	16	99 082	75 514,920	2 375 922,880	31,463	31,001
12	17	99 059	73 656,119	2 300 407,960	31,232	30,769
13	18	99 037	71 843,476	2 226 751,842	30,994	30,532
14	19	99 007	70 070,221	2 154 908,365	30,754	30,291
15	20	98 976	68 339,741	2 084 838,144	30,507	30,045
16	21	98 943	66 650,554	2 016 498,402	30,255	29,792
17	22	98 901	64 997,420	1 949 847,849	29,999	29,536
18	23	98 855	63 382,554	1 884 850,429	29,738	29,275
19	24	98 796	61 799,520	1 821 467,876	29,474	29,011
20	25	98 738	60 256,820	1 759 668,355	29,203	28,740
21	26	98 675	58 749,687	1 699 411,536	28,926	28,464
22	27	98 612	57 279,988	1 640 661,849	28,643	28,180
23	28	98 546	55 845,510	1 583 381,860	28,353	27,890
24	29	98 476	54 444,824	1 527 536,350	28,057	27,594
25	30	98 403	53 077,485	1 473 091,526	27,754	27,291
26	31	98 326	51 742,629	1 420 014,041	27,444	26,981
27	32	98 248	50 440,590	1 368 271,411	27,126	26,664
28	33	98 162	49 167,294	1 317 830,822	26,803	26,341
29	34	98 077	47 926,314	1 268 663,528	26,471	26,009
30	35	97 982	46 712,329	1 220 737,214	26,133	25,671
31	36	97 886	45 528,417	1 174 024,885	25,787	25,324
32	37	97 773	44 366,582	1 128 496,469	25,436	24,973
33	38	97 660	43 234,242	1 084 129,887	25,076	24,613
34	39	97 533	42 125,112	1 040 895,645	24,710	24,247
35	40	97 397	41 040,113	998 770,533	24,336	23,874
36	41	97 244	39 976,440	957 730,420	23,957	23,495
37	42	97 084	38 937,073	917 753,980	23,570	23,108
38	43	96 912	37 920,302	878 816,907	23,175	22,713
39	44	96 723	36 923,332	840 896,604	22,774	22,312
40	45	96 519	35 946,744	803 973,272	22,366	21,903
41	46	96 291	34 986,974	768 026,528	21,952	21,489
42	47	96 041	34 045,139	733 039,554	21,531	21,069
43	48	95 761	33 117,735	698 994,415	21,106	20,644
44	49	95 451	32 205,476	665 876,680	20,676	20,213
45	50	95 107	31 306,746	633 671,204	20,241	19,778
46	51	94 725	30 420,661	602 364,458	19,801	19,339
47	52	94 310	29 548,442	571 943,797	19,356	18,894
48	53	93 844	28 685,485	542 395,356	18,908	18,446
49	54	93 327	27 831,628	513 709,871	18,458	17,995
50	55	92 753	26 985,898	485 878,243	18,005	17,542
51	56	92 121	26 148,164	458 892,345	17,550	17,087
52	57	91 433	25 319,946	432 744,180	17,091	16,629
53	58	90 665	24 494,888	407 424,234	16,633	16,171
54	59	89 815	23 673,416	382 929,346	16,176	15,713
55	60	88 883	22 856,343	359 255,930	15,718	15,256
56	61	87 860	22 042,296	336 399,587	15,262	14,799
57	62	86 772	21 238,295	314 357,291	14,801	14,339
58	63	85 594	20 439,088	293 118,996	14,341	13,879
59	64	84 313	19 642,077	272 679,908	13,882	13,420
60	65	82 925	18 847,380	253 037,831	13,426	12,963
61	66	81 434	18 057,211	234 190,450	12,969	12,507
62	67	79 836	17 271,015	216 133,239	12,514	12,052
63	68	78 103	16 484,071	198 862,224	12,064	11,601
64	69	76 295	15 709,733	182 378,153	11,609	11,147
65	70	74 366	14 938,966	166 668,421	11,157	10,694
66	71	72 331	14 175,793	151 729,454	10,703	10,241
67	72	70 196	13 421,818	137 553,661	10,249	9,786
68	73	67 942	12 674,066	124 131,843	9,794	9,332
69	74	65 639	11 945,816	111 457,778	9,330	8,868
70	75	63 185	11 218,691	99 511,962	8,870	8,408
71	76	60 591	10 495,828	88 293,271	8,412	7,950
72	77	57 823	9 772,027	77 797,444	7,961	7,499
73	78	54 934	9 057,370	68 025,417	7,511	7,048
74	79	51 880	8 345,139	58 968,047	7,066	6,604
75	80	48 621	7 630,107	50 622,908	6,635	6,172
76	81	45 162	6 914,491	42 992,801	6,218	5,755
77	82	41 547	6 205,866	36 078,310	5,814	5,351
78	83	37 828	5 512,506	29 872,444	5,419	4,957
79	84	33 983	4 831,438	24 359,937	5,042	4,580
80	85	30 042	4 166,894	19 528,500	4,687	4,224
81	86	26 098	3 531,565	15 361,605	4,350	3,887
82	87	22 195	2 930,249	11 830,040	4,037	3,575
83	88	18 458	2 377,374	8 899,791	3,744	3,281
84	89	14 953	1 878,961	6 522,417	3,471	3,009
85	90	11 756	1 441,279	4 643,456	3,222	2,759
86	91	8 940	1 069,294	3 202,177	2,995	2,532
87	92	6 551	764,392	2 132,882	2,790	2,328
88	93	4 614	525,302	1 368,491	2,605	2,143
89	94	3 111	345,485	843,189	2,441	1,978
90	95	1 993	215,915	497,703	2,305	1,843
91	96	1 228	129,786	281,788	2,171	1,709
92	97	715	73,776	152,002	2,060	1,598
93	98	401	40,367	78,225	1,938	1,475
94	99	211	20,705	37,858	1,828	1,366
95	100	103	9,825	17,153	1,746	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	3 334 400,166	33,468	33,005
1	7	99 270	96 849,191	3 234 769,861	33,400	32,938
2	8	99 238	94 456,621	3 137 920,670	33,221	32,758
3	9	99 217	92 132,723	3 043 464,050	33,033	32,571
4	10	99 198	89 868,196	2 951 331,326	32,841	32,378
5	11	99 180	87 660,925	2 861 463,131	32,642	32,180
6	12	99 164	85 508,425	2 773 802,205	32,439	31,977
7	13	99 145	83 407,603	2 688 293,780	32,231	31,768
8	14	99 129	81 359,445	2 604 886,177	32,017	31,555
9	15	99 110	79 360,274	2 523 526,732	31,798	31,336
10	16	99 090	77 408,746	2 444 166,459	31,575	31,112
11	17	99 068	75 504,264	2 366 757,713	31,346	30,884
12	18	99 045	73 645,334	2 291 253,448	31,112	30,650
13	19	99 017	71 828,846	2 217 608,114	30,874	30,411
14	20	98 988	70 056,696	2 145 779,268	30,629	30,167
15	21	98 958	68 327,087	2 075 722,572	30,379	29,917
16	22	98 927	66 639,519	2 007 395,485	30,123	29,661
17	23	98 884	64 986,172	1 940 755,966	29,864	29,402
18	24	98 834	63 368,801	1 875 769,794	29,601	29,138
19	25	98 779	61 789,041	1 812 400,993	29,332	28,870
20	26	98 719	60 245,584	1 750 611,952	29,058	28,596
21	27	98 656	58 738,256	1 690 366,368	28,778	28,316
22	28	98 590	57 267,477	1 631 628,112	28,491	28,029
23	29	98 521	55 831,583	1 574 360,636	28,198	27,736
24	30	98 450	54 430,735	1 518 529,053	27,898	27,436
25	31	98 373	53 061,725	1 464 098,318	27,592	27,130
26	32	98 295	51 726,113	1 411 036,593	27,279	26,817
27	33	98 214	50 423,084	1 359 310,480	26,958	26,496
28	34	98 127	49 149,788	1 308 887,396	26,631	26,168
29	35	98 038	47 907,569	1 259 737,608	26,295	25,833
30	36	97 943	46 693,528	1 211 830,039	25,953	25,490
31	37	97 841	45 507,071	1 165 136,511	25,603	25,141
32	38	97 728	44 346,163	1 119 629,440	25,247	24,785
33	39	97 603	43 208,921	1 075 283,276	24,886	24,423
34	40	97 475	42 100,018	1 032 074,355	24,515	24,052
35	41	97 331	41 012,259	989 974,337	24,138	23,676
36	42	97 170	39 945,943	948 962,078	23,756	23,294
37	43	97 003	38 904,763	909 016,135	23,365	22,903
38	44	96 825	37 886,177	870 111,372	22,966	22,504
39	45	96 625	36 885,669	832 225,195	22,562	22,100
40	46	96 412	35 906,772	795 339,526	22,150	21,688
41	47	96 169	34 942,550	759 432,754	21,734	21,271
42	48	95 903	33 996,334	724 490,204	21,311	20,848
43	49	95 607	33 064,761	690 493,870	20,883	20,421
44	50	95 278	32 147,137	657 429,109	20,451	19,988
45	51	94 919	31 245,051	625 281,971	20,012	19,550
46	52	94 516	30 353,468	594 036,920	19,571	19,108
47	53	94 078	29 475,891	563 683,452	19,124	18,661
48	54	93 588	28 607,083	534 207,561	18,674	18,212
49	55	93 046	27 747,865	505 600,477	18,221	17,759
50	56	92 446	26 896,483	477 852,613	17,766	17,304
51	57	91 788	26 053,537	450 956,129	17,309	16,846
52	58	91 068	25 218,862	424 902,592	16,849	16,386
53	59	90 265	24 386,852	399 683,730	16,389	15,927
54	60	89 381	23 559,073	375 296,878	15,930	15,468
55	61	88 404	22 733,124	351 737,805	15,472	15,010
56	62	87 369	21 918,967	329 004,681	15,010	14,548
57	63	86 245	21 109,237	307 085,714	14,547	14,085
58	64	85 031	20 304,509	285 976,476	14,084	13,622
59	65	83 699	19 498,938	265 671,967	13,625	13,163
60	66	82 260	18 696,372	246 173,029	13,167	12,704
61	67	80 723	17 899,473	227 476,657	12,709	12,246
62	68	79 062	17 103,583	209 577,183	12,253	11,791
63	69	77 305	16 315,690	192 473,600	11,797	11,334
64	70	75 443	15 534,221	176 157,911	11,340	10,878
65	71	73 460	14 756,957	160 623,690	10,885	10,422
66	72	71 362	13 985,974	145 866,733	10,430	9,967
67	73	69 184	13 228,419	131 880,759	9,970	9,507
68	74	66 890	12 477,836	118 652,341	9,509	9,047
69	75	64 516	11 741,442	106 174,504	9,043	8,580
70	76	61 980	11 004,778	94 433,063	8,581	8,119
71	77	59 269	10 266,745	83 428,285	8,126	7,664
72	78	56 409	9 533,083	73 161,540	7,674	7,212
73	79	53 391	8 802,856	63 628,457	7,228	6,766
74	80	50 172	8 070,389	54 825,602	6,793	6,331
75	81	46 753	7 337,050	46 755,212	6,372	5,910
76	82	43 172	6 609,821	39 418,162	5,964	5,501
77	83	39 455	5 893,453	32 808,342	5,567	5,104
78	84	35 631	5 192,329	26 914,888	5,184	4,721
79	85	31 699	4 506,664	21 722,559	4,820	4,358
80	86	27 722	3 845,121	17 215,895	4,477	4,015
81	87	23 777	3 217,582	13 370,774	4,156	3,693
82	88	19 949	2 633,737	10 153,192	3,855	3,393
83	89	16 338	2 104,392	7 519,455	3,573	3,111
84	90	12 995	1 632,971	5 415,063	3,316	2,854
85	91	10 017	1 228,061	3 782,092	3,080	2,617
86	92	7 444	890,364	2 554,031	2,869	2,406
87	93	5 322	621,024	1 663,667	2,679	2,216
88	94	3 649	415,410	1 042,643	2,510	2,047
89	95	2 379	264,237	627,234	2,374	1,911
90	96	1 496	162,145	362,997	2,239	1,776
91	97	897	94,811	200,852	2,118	1,656
92	98	517	53,336	106,041	1,988	1,526
93	99	279	28,066	52,705	1,878	1,415
94	100	141	13,861	24,639	1,777	1,315

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	3 324 574,146	33,371	32,909
1	8	99 266	96 844,417	3 224 950,401	33,300	32,838
2	9	99 232	94 450,773	3 128 105,984	33,119	32,656
3	10	99 210	92 126,762	3 033 655,211	32,929	32,467
4	11	99 192	89 862,871	2 941 528,449	32,734	32,271
5	12	99 173	87 654,396	2 851 665,579	32,533	32,071
6	13	99 156	85 501,660	2 764 011,183	32,327	31,865
7	14	99 137	83 400,453	2 678 509,523	32,116	31,654
8	15	99 118	81 350,908	2 595 109,069	31,900	31,438
9	16	99 098	79 350,345	2 513 758,162	31,679	31,217
10	17	99 076	77 397,823	2 434 407,816	31,453	30,991
11	18	99 054	75 493,209	2 357 009,993	31,221	30,759
12	19	99 025	73 630,337	2 281 516,784	30,986	30,524
13	20	98 998	71 814,981	2 207 886,447	30,744	30,282
14	21	98 970	70 043,724	2 136 071,466	30,496	30,034
15	22	98 942	68 315,775	2 066 027,742	30,242	29,780
16	23	98 910	66 627,987	1 997 711,967	29,983	29,521
17	24	98 863	64 972,071	1 931 083,979	29,722	29,259
18	25	98 817	63 358,055	1 866 111,908	29,453	28,991
19	26	98 761	61 777,520	1 802 753,853	29,181	28,719
20	27	98 700	60 233,862	1 740 976,334	28,904	28,441
21	28	98 634	58 725,426	1 680 742,471	28,620	28,158
22	29	98 565	57 253,195	1 622 017,046	28,331	27,868
23	30	98 496	55 817,135	1 564 763,851	28,034	27,571
24	31	98 421	54 414,572	1 508 946,716	27,731	27,268
25	32	98 342	53 044,788	1 454 532,144	27,421	26,958
26	33	98 261	51 708,162	1 401 487,356	27,104	26,641
27	34	98 179	50 405,131	1 349 779,194	26,779	26,316
28	35	98 089	49 130,565	1 299 374,063	26,447	25,985
29	36	97 999	47 888,287	1 250 243,498	26,108	25,645
30	37	97 897	46 671,636	1 202 355,211	25,762	25,300
31	38	97 795	45 486,128	1 155 683,575	25,407	24,945
32	39	97 671	44 320,192	1 110 197,448	25,049	24,587
33	40	97 544	43 183,181	1 065 877,256	24,683	24,220
34	41	97 409	42 071,445	1 022 694,075	24,309	23,846
35	42	97 256	40 980,973	980 622,630	23,929	23,466
36	43	97 089	39 912,796	939 641,658	23,542	23,080
37	44	96 916	38 869,751	899 728,862	23,147	22,685
38	45	96 726	37 847,531	860 859,110	22,745	22,283
39	46	96 517	36 844,654	823 011,579	22,337	21,875
40	47	96 290	35 861,181	786 166,926	21,923	21,460
41	48	96 031	34 892,458	750 305,745	21,503	21,041
42	49	95 750	33 941,954	715 413,287	21,078	20,615
43	50	95 434	33 004,866	681 471,332	20,648	20,185
44	51	95 090	32 083,786	648 466,466	20,212	19,749
45	52	94 710	31 176,038	616 382,681	19,771	19,309
46	53	94 284	30 278,942	585 206,643	19,327	18,865
47	54	93 821	29 395,329	554 927,701	18,878	18,416
48	55	93 306	28 520,986	525 532,372	18,426	17,964
49	56	92 738	27 655,925	497 011,386	17,971	17,509
50	57	92 112	26 799,148	469 355,460	17,514	17,051
51	58	91 421	25 949,524	442 556,312	17,055	16,592
52	59	90 666	25 107,633	416 606,788	16,593	16,130
53	60	89 829	24 269,063	391 499,155	16,132	15,669
54	61	88 899	23 432,066	367 230,092	15,672	15,210
55	62	87 909	22 605,930	343 798,026	15,208	14,746
56	63	86 838	21 785,774	321 192,096	14,743	14,281
57	64	85 677	20 970,245	299 406,323	14,278	13,815
58	65	84 411	20 156,543	278 436,077	13,814	13,351
59	66	83 028	19 342,710	258 279,534	13,353	12,890
60	67	81 542	18 533,051	238 936,825	12,892	12,430
61	68	79 940	17 725,949	220 403,773	12,434	11,972
62	69	78 254	16 928,874	202 677,824	11,972	11,510
63	70	76 442	16 133,408	185 748,951	11,513	11,051
64	71	74 523	15 344,959	169 615,543	11,054	10,591
65	72	72 476	14 559,356	154 270,584	10,596	10,134
66	73	70 334	13 784,446	139 711,228	10,135	9,673
67	74	68 113	13 023,606	125 926,783	9,669	9,207
68	75	65 746	12 264,360	112 903,177	9,206	8,743
69	76	63 286	11 517,562	100 638,816	8,738	8,275
70	77	60 627	10 764,587	89 121,255	8,279	7,817
71	78	57 820	10 015,704	78 356,668	7,823	7,361
72	79	54 824	9 265,201	68 340,965	7,376	6,914
73	80	51 633	8 513,037	59 075,764	6,939	6,477
74	81	48 245	7 760,422	50 562,727	6,515	6,053
75	82	44 693	7 013,761	42 802,305	6,103	5,640
76	83	40 999	6 277,072	35 788,544	5,701	5,239
77	84	37 164	5 551,150	29 511,472	5,316	4,854
78	85	33 236	4 843,296	23 960,322	4,947	4,485
79	86	29 251	4 158,653	19 117,026	4,597	4,135
80	87	25 257	3 503,261	14 958,372	4,270	3,807
81	88	21 371	2 891,995	11 455,112	3,961	3,499
82	89	17 659	2 331,318	8 563,117	3,673	3,211
83	90	14 199	1 828,889	6 231,799	3,407	2,945
84	91	11 073	1 391,394	4 402,910	3,164	2,702
85	92	8 341	1 022,563	3 011,516	2,945	2,483
86	93	6 048	723,369	1 988,953	2,750	2,287
87	94	4 209	491,107	1 265,584	2,577	2,115
88	95	2 791	317,717	774,478	2,438	1,975
89	96	1 787	198,433	456,761	2,302	1,839
90	97	1 093	118,449	258,328	2,181	1,718
91	98	648	68,543	139,879	2,041	1,578
92	99	360	37,083	71,336	1,924	1,461
93	100	187	18,790	34,253	1,823	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	3 314 146,779	33,268	32,806
1	9	99 259	96 838,421	3 214 527,945	33,195	32,732
2	10	99 226	94 444,661	3 117 689,523	33,011	32,548
3	11	99 205	92 121,303	3 023 244,862	32,818	32,356
4	12	99 184	89 856,177	2 931 123,559	32,620	32,158
5	13	99 165	87 647,461	2 841 267,382	32,417	31,955
6	14	99 147	85 494,331	2 753 619,921	32,208	31,746
7	15	99 127	83 391,702	2 668 125,590	31,995	31,533
8	16	99 106	81 340,730	2 584 733,889	31,777	31,314
9	17	99 084	79 339,149	2 503 393,158	31,553	31,091
10	18	99 061	77 386,491	2 424 054,009	31,324	30,862
11	19	99 033	75 477,836	2 346 667,518	31,091	30,628
12	20	99 006	73 616,124	2 271 189,683	30,852	30,389
13	21	98 979	71 801,683	2 197 573,558	30,606	30,144
14	22	98 954	70 032,128	2 125 771,875	30,354	29,892
15	23	98 924	68 303,953	2 055 739,747	30,097	29,635
16	24	98 888	66 613,530	1 987 435,794	29,835	29,373
17	25	98 846	64 961,054	1 920 822,264	29,569	29,106
18	26	98 799	63 346,241	1 855 861,210	29,297	28,835
19	27	98 741	61 765,499	1 792 514,969	29,021	28,559
20	28	98 679	60 220,705	1 730 749,469	28,740	28,278
21	29	98 610	58 710,780	1 670 528,764	28,454	27,991
22	30	98 540	57 238,379	1 611 817,984	28,160	27,697
23	31	98 466	55 800,561	1 554 579,606	27,860	27,397
24	32	98 390	54 397,203	1 498 779,045	27,553	27,090
25	33	98 308	53 026,379	1 444 381,841	27,239	26,777
26	34	98 226	51 689,751	1 391 355,462	26,917	26,455
27	35	98 141	50 385,417	1 339 665,711	26,588	26,126
28	36	98 049	49 110,791	1 289 280,294	26,252	25,790
29	37	97 953	47 865,835	1 240 169,504	25,909	25,447
30	38	97 852	46 650,157	1 192 303,669	25,558	25,096
31	39	97 738	45 459,488	1 145 653,512	25,202	24,739
32	40	97 613	44 293,790	1 100 194,024	24,839	24,376
33	41	97 478	43 153,873	1 055 900,234	24,468	24,006
34	42	97 335	42 039,350	1 012 746,361	24,090	23,628
35	43	97 176	40 946,966	970 707,011	23,706	23,244
36	44	97 002	39 876,877	929 760,045	23,316	22,853
37	45	96 817	38 830,103	889 883,168	22,917	22,455
38	46	96 619	37 805,447	851 053,065	22,511	22,049
39	47	96 395	36 797,871	813 247,619	22,100	21,638
40	48	96 152	35 809,772	776 449,748	21,683	21,220
41	49	95 877	34 836,645	740 639,976	21,260	20,798
42	50	95 577	33 880,470	705 803,331	20,832	20,370
43	51	95 246	32 939,824	671 922,861	20,398	19,936
44	52	94 880	32 012,920	638 983,036	19,960	19,498
45	53	94 477	31 099,491	606 970,116	19,517	19,055
46	54	94 026	30 196,185	575 870,625	19,071	18,609
47	55	93 539	29 306,860	545 674,441	18,619	18,157
48	56	92 997	28 426,485	516 367,580	18,165	17,703
49	57	92 402	27 555,842	487 941,095	17,707	17,245
50	58	91 744	26 692,158	460 385,253	17,248	16,786
51	59	91 018	25 835,072	433 693,095	16,787	16,325
52	60	90 229	24 986,363	407 858,023	16,323	15,861
53	61	89 345	24 138,228	382 871,660	15,862	15,399
54	62	88 402	23 300,961	358 733,432	15,396	14,933
55	63	87 375	22 468,562	335 432,471	14,929	14,467
56	64	86 266	21 642,327	312 963,909	14,461	13,998
57	65	85 053	20 817,428	291 321,582	13,994	13,532
58	66	83 735	19 995,045	270 504,154	13,529	13,066
59	67	82 303	19 173,743	250 509,108	13,065	12,603
60	68	80 751	18 353,385	231 335,366	12,605	12,142
61	69	79 124	17 544,882	212 981,981	12,139	11,677
62	70	77 380	16 739,741	195 437,099	11,675	11,213
63	71	75 510	15 936,846	178 697,358	11,213	10,750
64	72	73 526	15 139,484	162 760,512	10,751	10,288
65	73	71 432	14 349,566	147 621,028	10,287	9,825
66	74	69 245	13 571,024	133 271,462	9,820	9,358
67	75	66 948	12 800,793	119 700,438	9,351	8,889
68	76	64 492	12 030,509	106 899,645	8,886	8,423
69	77	61 905	11 266,178	94 869,136	8,421	7,958
70	78	59 145	10 501,372	83 602,957	7,961	7,499
71	79	56 195	9 734,260	73 101,585	7,510	7,047
72	80	53 019	8 960,160	63 367,325	7,072	6,610
73	81	49 650	8 186,068	54 407,165	6,646	6,184
74	82	46 119	7 418,478	46 221,097	6,231	5,768
75	83	42 443	6 660,677	38 802,619	5,826	5,363
76	84	38 617	5 912,488	32 141,942	5,436	4,974
77	85	34 666	5 177,997	26 229,455	5,066	4,603
78	86	30 669	4 469,290	21 051,458	4,710	4,248
79	87	26 650	3 788,917	16 582,167	4,376	3,914
80	88	22 701	3 148,765	12 793,250	4,063	3,601
81	89	18 917	2 559,921	9 644,485	3,767	3,305
82	90	15 347	2 026,106	7 084,564	3,497	3,034
83	91	12 099	1 558,329	5 058,457	3,246	2,784
84	92	9 220	1 158,565	3 500,129	3,021	2,559
85	93	6 777	830,773	2 341,563	2,819	2,356
86	94	4 783	572,041	1 510,790	2,641	2,179
87	95	3 219	375,612	938,749	2,499	2,037
88	96	2 096	238,595	563,137	2,360	1,898
89	97	1 305	144,958	324,543	2,239	1,776
90	98	790	85,632	179,585	2,097	1,635
91	99	451	47,656	93,952	1,971	1,509
92	100	241	24,826	46,297	1,865	1,402

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	3 303 105,229	33,159	32,697
1	10	99 253	96 832,155	3 203 492,562	33,083	32,621
2	11	99 220	94 439,065	3 106 660,407	32,896	32,434
3	12	99 197	92 114,441	3 012 221,342	32,701	32,238
4	13	99 177	89 849,068	2 920 106,900	32,500	32,038
5	14	99 157	87 639,948	2 830 257,832	32,294	31,832
6	15	99 137	85 485,359	2 742 617,884	32,083	31,620
7	16	99 114	83 381,269	2 657 132,525	31,867	31,405
8	17	99 092	81 329,253	2 573 751,255	31,646	31,184
9	18	99 069	79 327,532	2 492 422,002	31,419	30,957
10	19	99 041	77 370,732	2 413 094,470	31,189	30,726
11	20	99 014	75 463,267	2 335 723,738	30,952	30,489
12	21	98 987	73 602,493	2 260 260,472	30,709	30,247
13	22	98 963	71 789,796	2 186 657,979	30,459	29,997
14	23	98 936	70 020,009	2 114 868,183	30,204	29,741
15	24	98 903	68 289,132	2 044 848,174	29,944	29,482
16	25	98 871	66 602,234	1 976 559,041	29,677	29,215
17	26	98 827	64 948,941	1 909 956,807	29,407	28,945
18	27	98 779	63 333,916	1 845 007,866	29,131	28,669
19	28	98 720	61 752,008	1 781 673,950	28,852	28,390
20	29	98 654	60 205,687	1 719 921,942	28,567	28,105
21	30	98 584	58 695,587	1 659 716,255	28,277	27,814
22	31	98 511	57 221,383	1 601 020,669	27,979	27,517
23	32	98 435	55 782,750	1 543 799,286	27,675	27,213
24	33	98 355	54 378,325	1 488 016,537	27,364	26,902
25	34	98 273	53 007,499	1 433 638,212	27,046	26,584
26	35	98 187	51 669,535	1 380 630,713	26,720	26,258
27	36	98 101	50 365,138	1 328 961,178	26,387	25,924
28	37	98 003	49 087,765	1 278 596,040	26,047	25,585
29	38	97 908	47 843,806	1 229 508,275	25,698	25,236
30	39	97 795	46 622,835	1 181 664,469	25,345	24,883
31	40	97 680	45 432,408	1 135 041,634	24,983	24,521
32	41	97 546	44 263,728	1 089 609,226	24,616	24,154
33	42	97 404	43 120,953	1 045 345,498	24,242	23,780
34	43	97 254	42 004,465	1 002 224,546	23,860	23,398
35	44	97 088	40 910,117	960 220,080	23,471	23,009
36	45	96 903	39 836,201	919 309,964	23,077	22,615
37	46	96 709	38 786,925	879 473,763	22,674	22,212
38	47	96 496	37 757,444	840 686,837	22,265	21,803
39	48	96 257	36 745,119	802 929,394	21,851	21,389
40	49	95 998	35 752,491	766 184,274	21,430	20,968
41	50	95 703	34 773,540	730 431,783	21,005	20,543
42	51	95 388	33 813,703	695 658,242	20,573	20,111
43	52	95 036	32 867,067	661 844,539	20,137	19,675
44	53	94 647	31 934,319	628 977,472	19,696	19,234
45	54	94 219	31 014,492	597 043,153	19,250	18,788
46	55	93 743	30 105,305	566 028,661	18,802	18,339
47	56	93 229	29 209,755	535 923,356	18,347	17,885
48	57	92 660	28 323,613	506 713,601	17,890	17,428
49	58	92 033	27 445,831	478 389,988	17,430	16,968
50	59	91 339	26 574,431	450 944,157	16,969	16,507
51	60	90 578	25 710,289	424 369,726	16,506	16,043
52	61	89 742	24 851,661	398 659,437	16,042	15,579
53	62	88 845	24 003,172	373 807,776	15,573	15,111
54	63	87 865	23 159,370	349 804,604	15,104	14,642
55	64	86 800	22 320,619	326 645,234	14,634	14,172
56	65	85 637	21 484,612	304 324,615	14,165	13,702
57	66	84 371	20 650,635	282 840,003	13,696	13,234
58	67	83 003	19 820,380	262 189,367	13,228	12,766
59	68	81 505	18 987,865	242 368,987	12,764	12,302
60	69	79 926	18 165,909	223 381,122	12,297	11,834
61	70	78 240	17 348,867	205 215,214	11,829	11,366
62	71	76 437	16 535,792	187 866,346	11,361	10,899
63	72	74 499	15 723,446	171 330,554	10,897	10,434
64	73	72 466	14 921,335	155 607,109	10,428	9,966
65	74	70 326	14 127,395	140 685,774	9,958	9,496
66	75	68 060	13 338,846	126 558,380	9,488	9,026
67	76	65 671	12 556,714	113 219,534	9,017	8,554
68	77	63 085	11 767,930	100 662,820	8,554	8,092
69	78	60 391	10 990,699	88 894,890	8,088	7,626
70	79	57 483	10 206,281	77 904,191	7,633	7,171
71	80	54 345	9 413,776	67 697,910	7,191	6,729
72	81	50 983	8 616,018	58 284,134	6,765	6,302
73	82	47 462	7 825,369	49 668,115	6,347	5,885
74	83	43 797	7 045,020	41 842,747	5,939	5,477
75	84	39 978	6 273,812	34 797,726	5,547	5,084
76	85	36 022	5 515,045	28 523,914	5,172	4,710
77	86	31 989	4 778,145	23 008,869	4,815	4,353
78	87	27 942	4 071,936	18 230,724	4,477	4,015
79	88	23 953	3 405,516	14 158,788	4,158	3,695
80	89	20 095	2 787,208	10 753,271	3,858	3,396
81	90	16 441	2 224,781	7 966,063	3,581	3,118
82	91	13 076	1 726,370	5 741,282	3,326	2,863
83	92	10 074	1 297,566	4 014,912	3,094	2,632
84	93	7 491	941,267	2 717,346	2,887	2,424
85	94	5 359	656,977	1 776,080	2,703	2,241
86	95	3 658	437,513	1 119,103	2,558	2,095
87	96	2 417	282,072	681,590	2,416	1,954
88	97	1 531	174,297	399,518	2,292	1,830
89	98	944	104,797	225,221	2,149	1,687
90	99	549	59,538	120,425	2,023	1,560
91	100	302	31,904	60,887	1,908	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	3 291 441,040	33,045	32,582
1	11	99 247	96 826,417	3 191 834,818	32,965	32,502
2	12	99 213	94 432,031	3 095 008,401	32,775	32,313
3	13	99 189	92 107,154	3 000 576,370	32,577	32,115
4	14	99 168	89 841,367	2 908 469,217	32,373	31,911
5	15	99 146	87 630,751	2 818 627,850	32,165	31,702
6	16	99 124	85 474,665	2 730 997,099	31,951	31,489
7	17	99 100	83 369,504	2 645 522,434	31,732	31,270
8	18	99 077	81 317,345	2 562 152,930	31,508	31,046
9	19	99 049	79 311,378	2 480 835,585	31,280	30,817
10	20	99 022	77 355,797	2 401 524,207	31,045	30,583
11	21	98 996	75 449,293	2 324 168,409	30,804	30,342
12	22	98 971	73 590,308	2 248 719,116	30,557	30,095
13	23	98 946	71 777,373	2 175 128,809	30,304	29,841
14	24	98 915	70 004,816	2 103 351,436	30,046	29,583
15	25	98 886	68 277,552	2 033 346,620	29,781	29,318
16	26	98 853	66 589,816	1 965 069,067	29,510	29,048
17	27	98 808	64 936,304	1 898 479,252	29,236	28,774
18	28	98 758	63 320,082	1 833 542,948	28,957	28,494
19	29	98 695	61 736,607	1 770 222,866	28,674	28,211
20	30	98 628	60 190,107	1 708 486,259	28,385	27,922
21	31	98 555	58 678,158	1 648 296,152	28,090	27,628
22	32	98 479	57 203,118	1 589 617,994	27,789	27,327
23	33	98 401	55 763,390	1 532 414,876	27,481	27,018
24	34	98 320	54 358,964	1 476 651,486	27,165	26,702
25	35	98 235	52 986,767	1 422 292,522	26,842	26,380
26	36	98 148	51 648,739	1 369 305,755	26,512	26,049
27	37	98 055	50 341,524	1 317 657,017	26,174	25,712
28	38	97 958	49 065,174	1 267 315,492	25,829	25,367
29	39	97 851	47 815,785	1 218 250,319	25,478	25,016
30	40	97 736	46 595,062	1 170 434,533	25,119	24,657
31	41	97 614	45 401,573	1 123 839,471	24,753	24,291
32	42	97 472	44 229,961	1 078 437,898	24,383	23,920
33	43	97 323	43 085,170	1 034 207,938	24,004	23,541
34	44	97 166	41 966,664	991 122,767	23,617	23,154
35	45	96 989	40 868,387	949 156,103	23,225	22,762
36	46	96 795	39 791,905	908 287,716	22,826	22,364
37	47	96 587	38 737,676	868 495,811	22,420	21,958
38	48	96 358	37 703,317	829 758,135	22,008	21,545
39	49	96 103	36 686,343	792 054,818	21,590	21,127
40	50	95 824	35 687,728	755 368,475	21,166	20,704
41	51	95 515	34 705,013	719 680,747	20,737	20,275
42	52	95 178	33 739,016	684 975,734	20,302	19,840
43	53	94 802	32 786,369	651 236,718	19,863	19,401
44	54	94 389	31 847,038	618 450,349	19,419	18,957
45	55	93 935	30 921,149	586 603,311	18,971	18,509
46	56	93 433	30 005,555	555 682,162	18,519	18,057
47	57	92 891	29 104,048	525 676,607	18,062	17,600
48	58	92 290	28 210,537	496 572,559	17,602	17,140
49	59	91 628	27 324,780	468 362,022	17,141	16,678
50	60	90 898	26 446,076	441 037,242	16,677	16,214
51	61	90 090	25 571,684	414 591,165	16,213	15,750
52	62	89 240	24 712,613	389 019,481	15,742	15,279
53	63	88 305	23 857,314	364 306,868	15,270	14,808
54	64	87 286	23 006,879	340 449,554	14,798	14,335
55	65	86 167	22 157,961	317 442,676	14,326	13,864
56	66	84 951	21 312,474	295 284,715	13,855	13,393
57	67	83 634	20 470,243	273 972,241	13,384	12,922
58	68	82 199	19 628,233	253 501,997	12,915	12,453
59	69	80 672	18 793,908	233 873,764	12,444	11,982
60	70	79 033	17 962,956	215 079,856	11,974	11,511
61	71	77 286	17 137,497	197 116,900	11,502	11,040
62	72	75 414	16 314,372	179 979,404	11,032	10,570
63	73	73 426	15 496,881	163 665,032	10,561	10,099
64	74	71 344	14 690,311	148 168,150	10,086	9,624
65	75	69 122	13 885,697	133 477,839	9,613	9,150
66	76	66 762	13 084,507	119 592,142	9,140	8,678
67	77	64 238	12 282,650	106 507,635	8,671	8,209
68	78	61 542	11 480,182	94 224,985	8,208	7,745
69	79	58 694	10 681,858	82 744,803	7,746	7,284
70	80	55 590	9 870,257	72 062,945	7,301	6,839
71	81	52 258	9 052,212	62 192,689	6,870	6,408
72	82	48 737	8 236,374	53 140,477	6,452	5,990
73	83	45 073	7 431,428	44 904,102	6,042	5,580
74	84	41 254	6 635,832	37 472,675	5,647	5,185
75	85	37 291	5 852,081	30 836,842	5,269	4,807
76	86	33 240	5 089,166	24 984,762	4,909	4,447
77	87	29 145	4 353,331	19 895,596	4,570	4,108
78	88	25 115	3 659,897	15 542,265	4,247	3,784
79	89	21 203	3 014,478	11 882,368	3,942	3,479
80	90	17 464	2 422,312	8 867,890	3,661	3,199
81	91	14 009	1 895,654	6 445,578	3,400	2,938
82	92	10 888	1 437,488	4 549,924	3,165	2,703
83	93	8 185	1 054,196	3 112,436	2,952	2,490
84	94	5 924	744,355	2 058,240	2,765	2,303
85	95	4 099	502,474	1 313,884	2,615	2,152
86	96	2 747	328,558	811,411	2,470	2,007
87	97	1 766	206,058	482,853	2,343	1,881
88	98	1 107	126,007	276,796	2,197	1,734
89	99	656	72,862	150,789	2,070	1,607
90	100	368	39,859	77,927	1,955	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	3 279 146,011	32,923	32,461
1	12	99 240	96 819,205	3 179 545,691	32,840	32,378
2	13	99 205	94 424,560	3 082 726,486	32,648	32,185
3	14	99 181	92 099,258	2 988 301,926	32,447	31,984
4	15	99 158	89 831,939	2 896 202,668	32,240	31,778
5	16	99 134	87 619,789	2 806 370,729	32,029	31,567
6	17	99 110	85 462,604	2 718 750,940	31,812	31,350
7	18	99 086	83 357,297	2 633 288,336	31,590	31,128
8	19	99 057	81 300,785	2 549 931,039	31,364	30,902
9	20	99 030	79 296,069	2 468 630,253	31,132	30,669
10	21	99 004	77 341,473	2 389 334,184	30,893	30,431
11	22	98 980	75 436,802	2 311 992,711	30,648	30,186
12	23	98 954	73 577,573	2 236 555,909	30,397	29,935
13	24	98 924	71 761,799	2 162 978,336	30,141	29,679
14	25	98 898	69 992,945	2 091 216,537	29,878	29,415
15	26	98 868	68 264,821	2 021 223,593	29,609	29,146
16	27	98 834	66 576,859	1 952 958,771	29,334	28,871
17	28	98 787	64 922,120	1 886 381,912	29,056	28,594
18	29	98 733	63 304,290	1 821 459,792	28,773	28,311
19	30	98 670	61 720,631	1 758 155,502	28,486	28,023
20	31	98 599	60 172,234	1 696 434,871	28,193	27,731
21	32	98 523	58 659,428	1 636 262,637	27,894	27,432
22	33	98 445	57 183,266	1 577 603,208	27,589	27,126
23	34	98 366	55 743,536	1 520 419,943	27,275	26,813
24	35	98 282	54 337,703	1 464 676,407	26,955	26,493
25	36	98 195	52 965,441	1 410 338,704	26,628	26,165
26	37	98 102	51 624,523	1 357 373,263	26,293	25,831
27	38	98 010	50 318,356	1 305 748,740	25,950	25,487
28	39	97 901	49 036,438	1 255 430,384	25,602	25,140
29	40	97 792	47 787,301	1 206 393,946	25,245	24,783
30	41	97 670	46 563,438	1 158 606,644	24,882	24,420
31	42	97 539	45 366,938	1 112 043,206	24,512	24,050
32	43	97 391	44 193,258	1 066 676,268	24,137	23,674
33	44	97 235	43 046,397	1 022 483,010	23,753	23,291
34	45	97 067	41 923,857	979 436,613	23,362	22,900
35	46	96 881	40 822,943	937 512,757	22,965	22,503
36	47	96 672	39 741,380	896 689,814	22,563	22,101
37	48	96 448	38 682,144	856 948,434	22,154	21,691
38	49	96 204	37 643,008	818 266,290	21,738	21,275
39	50	95 929	36 619,887	780 623,282	21,317	20,855
40	51	95 635	35 617,399	744 003,395	20,889	20,426
41	52	95 304	34 628,357	708 385,996	20,457	19,994
42	53	94 944	33 656,177	673 757,638	20,019	19,556
43	54	94 543	32 696,759	640 101,461	19,577	19,114
44	55	94 104	31 751,190	607 404,702	19,130	18,668
45	56	93 624	30 818,696	575 653,513	18,679	18,216
46	57	93 095	29 896,968	544 834,817	18,224	17,761
47	58	92 520	28 987,857	514 937,849	17,764	17,301
48	59	91 883	28 086,113	485 949,992	17,302	16,840
49	60	91 185	27 192,801	457 863,879	16,838	16,375
50	61	90 408	26 303,505	430 671,078	16,373	15,911
51	62	89 586	25 428,608	404 367,573	15,902	15,440
52	63	88 698	24 562,444	378 938,965	15,428	14,965
53	64	87 724	23 700,227	354 376,522	14,952	14,490
54	65	86 650	22 839,220	330 676,294	14,478	14,016
55	66	85 477	21 980,428	307 837,075	14,005	13,543
56	67	84 209	21 126,300	285 856,647	13,531	13,068
57	68	82 823	20 271,796	264 730,346	13,059	12,597
58	69	81 359	19 427,735	244 458,550	12,583	12,121
59	70	79 771	18 583,939	225 030,815	12,109	11,646
60	71	78 070	17 744,103	206 446,876	11,635	11,172
61	72	76 252	16 908,020	188 702,772	11,161	10,698
62	73	74 327	16 079,293	171 794,753	10,684	10,222
63	74	72 289	15 256,947	155 715,460	10,206	9,744
64	75	70 124	14 438,983	140 458,513	9,728	9,265
65	76	67 804	13 620,931	126 019,530	9,252	8,789
66	77	65 305	12 798,923	112 398,598	8,782	8,319
67	78	62 667	11 982,316	99 599,675	8,312	7,850
68	79	59 813	11 157,586	87 617,359	7,853	7,390
69	80	56 762	10 330,176	76 459,773	7,402	6,939
70	81	53 455	9 491,160	66 129,597	6,967	6,505
71	82	49 955	8 653,348	56 638,437	6,545	6,083
72	83	46 283	7 821,742	47 985,089	6,135	5,672
73	84	42 455	6 999,796	40 163,346	5,738	5,275
74	85	38 480	6 189,765	33 163,550	5,358	4,895
75	86	34 411	5 400,175	26 973,785	4,995	4,533
76	87	30 285	4 636,700	21 573,610	4,653	4,190
77	88	26 196	3 912,818	16 936,910	4,329	3,866
78	89	22 231	3 239,649	13 024,092	4,020	3,558
79	90	18 427	2 619,828	9 784,443	3,735	3,272
80	91	14 880	2 063,963	7 164,615	3,471	3,009
81	92	11 664	1 578,445	5 100,652	3,231	2,769
82	93	8 846	1 167,875	3 522,208	3,016	2,553
83	94	6 472	833,660	2 354,333	2,824	2,362
84	95	4 531	569,303	1 520,672	2,671	2,209
85	96	3 078	377,341	951,369	2,521	2,059
86	97	2 007	240,016	574,028	2,392	1,929
87	98	1 277	148,968	334,012	2,242	1,780
88	99	770	87,609	185,044	2,112	1,650
89	100	439	48,779	97,435	1,997	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	3 266 212,070	32,796	32,333
1	13	99 232	96 811,546	3 166 619,169	32,709	32,247
2	14	99 196	94 416,466	3 069 807,623	32,513	32,051
3	15	99 170	92 089,594	2 975 391,157	32,310	31,847
4	16	99 145	89 820,701	2 883 301,564	32,101	31,638
5	17	99 120	87 607,425	2 793 480,863	31,886	31,424
6	18	99 096	85 450,091	2 705 873,438	31,666	31,204
7	19	99 065	83 340,322	2 620 423,347	31,442	30,980
8	20	99 038	81 285,092	2 537 083,025	31,212	30,750
9	21	99 012	79 281,386	2 455 797,932	30,976	30,513
10	22	98 987	77 328,669	2 376 516,546	30,733	30,270
11	23	98 962	75 423,748	2 299 187,877	30,484	30,021
12	24	98 932	73 561,608	2 223 764,130	30,230	29,768
13	25	98 908	71 749,630	2 150 202,522	29,968	29,506
14	26	98 880	69 979,894	2 078 452,892	29,701	29,238
15	27	98 849	68 251,539	2 008 472,998	29,428	28,965
16	28	98 812	66 562,317	1 940 221,459	29,149	28,687
17	29	98 762	64 905,929	1 873 659,142	28,867	28,405
18	30	98 708	63 287,908	1 808 753,213	28,580	28,117
19	31	98 640	61 702,304	1 745 465,305	28,288	27,826
20	32	98 568	60 153,027	1 683 763,001	27,991	27,529
21	33	98 489	58 639,071	1 623 609,973	27,688	27,226
22	34	98 410	57 162,906	1 564 970,903	27,377	26,915
23	35	98 327	55 721,734	1 507 807,997	27,060	26,597
24	36	98 242	54 315,833	1 452 086,263	26,734	26,272
25	37	98 149	52 940,608	1 397 770,430	26,403	25,940
26	38	98 057	51 600,764	1 344 829,822	26,062	25,600
27	39	97 953	50 288,886	1 293 229,058	25,716	25,254
28	40	97 843	49 007,227	1 242 940,171	25,362	24,900
29	41	97 726	47 754,868	1 193 932,944	25,001	24,539
30	42	97 595	46 527,917	1 146 178,076	24,634	24,172
31	43	97 458	45 329,292	1 099 650,159	24,259	23,797
32	44	97 304	44 153,487	1 054 320,867	23,879	23,416
33	45	97 136	43 002,488	1 010 167,380	23,491	23,028
34	46	96 959	41 877,239	967 164,893	23,095	22,633
35	47	96 758	40 771,109	925 287,653	22,695	22,232
36	48	96 534	39 684,409	884 516,545	22,289	21,826
37	49	96 294	38 620,269	844 832,136	21,875	21,413
38	50	96 029	37 574,819	806 211,867	21,456	20,994
39	51	95 739	36 547,722	768 637,047	21,031	20,569
40	52	95 424	35 538,728	732 089,326	20,600	20,137
41	53	95 070	34 543,334	696 550,597	20,165	19,702
42	54	94 684	33 564,190	662 007,263	19,724	19,261
43	55	94 259	32 598,354	628 443,073	19,278	18,816
44	56	93 793	31 645,985	595 844,719	18,828	18,366
45	57	93 285	30 707,166	564 198,734	18,374	17,911
46	58	92 723	29 777,611	533 491,568	17,916	17,453
47	59	92 112	28 860,004	503 713,957	17,454	16,991
48	60	91 440	27 950,457	474 853,952	16,989	16,527
49	61	90 693	27 046,204	446 903,495	16,524	16,061
50	62	89 902	26 156,334	419 857,291	16,052	15,589
51	63	89 042	25 274,088	393 700,957	15,577	15,115
52	64	88 114	24 400,714	368 426,869	15,099	14,637
53	65	87 085	23 527,515	344 026,155	14,622	14,160
54	66	85 956	22 656,228	320 498,640	14,146	13,684
55	67	84 730	21 788,420	297 842,412	13,670	13,207
56	68	83 393	20 921,494	276 053,992	13,195	12,732
57	69	81 977	20 064,724	255 132,499	12,715	12,253
58	70	80 450	19 210,685	235 067,774	12,236	11,774
59	71	78 799	18 357,521	215 857,089	11,759	11,296
60	72	77 025	17 506,503	197 499,568	11,281	10,819
61	73	75 153	16 664,386	179 993,065	10,801	10,339
62	74	73 176	15 830,341	163 328,678	10,317	9,855
63	75	71 052	14 995,925	147 498,338	9,836	9,373
64	76	68 786	14 163,668	132 502,413	9,355	8,893
65	77	66 325	13 323,640	118 338,745	8,882	8,419
66	78	63 708	12 485,966	105 015,105	8,411	7,948
67	79	60 906	11 645,610	92 529,140	7,945	7,483
68	80	57 843	10 790,242	80 883,530	7,496	7,034
69	81	54 581	9 933,415	70 093,288	7,056	6,594
70	82	51 100	9 072,955	60 159,873	6,631	6,168
71	83	47 440	8 217,725	51 086,918	6,217	5,754
72	84	43 595	7 367,441	42 869,193	5,819	5,356
73	85	39 601	6 529,263	35 501,752	5,437	4,975
74	86	35 509	5 711,783	28 972,489	5,072	4,610
75	87	31 352	4 920,058	23 260,705	4,728	4,265
76	88	27 220	4 167,512	18 340,647	4,401	3,938
77	89	23 188	3 463,528	14 173,135	4,092	3,630
78	90	19 321	2 815,520	10 709,607	3,804	3,341
79	91	15 701	2 232,259	7 894,087	3,536	3,074
80	92	12 390	1 718,590	5 661,828	3,294	2,832
81	93	9 477	1 282,394	3 943,239	3,075	2,612
82	94	6 996	923,558	2 660,845	2,881	2,419
83	95	4 950	637,606	1 737,287	2,725	2,262
84	96	3 402	427,528	1 099,681	2,572	2,110
85	97	2 248	275,653	672,153	2,438	1,976
86	98	1 451	173,518	396,500	2,285	1,823
87	99	888	103,573	222,982	2,153	1,690
88	100	515	58,652	119,409	2,036	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	3 252 633,971	32,662	32,199
1	14	99 223	96 803,247	3 153 048,950	32,572	32,109
2	15	99 186	94 406,558	3 056 245,703	32,373	31,911
3	16	99 158	92 078,073	2 961 839,145	32,167	31,704
4	17	99 131	89 808,027	2 869 761,071	31,954	31,492
5	18	99 105	87 594,598	2 779 953,045	31,737	31,274
6	19	99 076	85 432,690	2 692 358,447	31,514	31,052
7	20	99 046	83 324,235	2 606 925,757	31,287	30,824
8	21	99 020	81 270,041	2 523 601,521	31,052	30,590
9	22	98 995	79 268,260	2 442 331,480	30,811	30,349
10	23	98 970	77 315,288	2 363 063,220	30,564	30,102
11	24	98 941	75 407,382	2 285 747,933	30,312	29,850
12	25	98 915	73 549,134	2 210 340,551	30,053	29,590
13	26	98 889	71 736,251	2 136 791,417	29,787	29,324
14	27	98 861	69 966,278	2 065 055,165	29,515	29,053
15	28	98 827	68 236,631	1 995 088,887	29,238	28,775
16	29	98 787	66 545,717	1 926 852,257	28,955	28,493
17	30	98 736	64 889,132	1 860 306,540	28,669	28,207
18	31	98 678	63 269,116	1 795 417,408	28,377	27,915
19	32	98 609	61 682,609	1 732 148,292	28,082	27,619
20	33	98 534	60 132,152	1 670 465,683	27,780	27,317
21	34	98 454	58 618,193	1 610 333,531	27,472	27,009
22	35	98 372	57 140,548	1 551 715,338	27,156	26,694
23	36	98 288	55 699,307	1 494 574,790	26,833	26,370
24	37	98 196	54 290,367	1 438 875,483	26,503	26,041
25	38	98 104	52 916,243	1 384 585,116	26,166	25,703
26	39	97 999	51 570,544	1 331 668,873	25,822	25,360
27	40	97 894	50 258,929	1 280 098,329	25,470	25,008
28	41	97 776	48 973,966	1 229 839,400	25,112	24,650
29	42	97 651	47 718,438	1 180 865,434	24,747	24,284
30	43	97 514	46 489,307	1 133 146,996	24,374	23,912
31	44	97 371	45 288,499	1 086 657,688	23,994	23,532
32	45	97 204	44 108,449	1 041 369,190	23,609	23,147
33	46	97 028	42 954,671	997 260,741	23,217	22,754
34	47	96 836	41 824,066	954 306,070	22,817	22,355
35	48	96 619	40 712,662	912 482,004	22,413	21,950
36	49	96 379	39 620,931	871 769,342	22,003	21,540
37	50	96 119	38 550,311	832 148,412	21,586	21,124
38	51	95 840	37 500,772	793 598,101	21,162	20,700
39	52	95 528	36 466,996	756 097,329	20,734	20,271
40	53	95 189	35 451,470	719 630,333	20,299	19,837
41	54	94 810	34 448,923	684 178,863	19,861	19,398
42	55	94 399	33 463,174	649 729,941	19,416	18,954
43	56	93 946	32 490,343	616 266,767	18,968	18,505
44	57	93 453	31 531,462	583 776,424	18,514	18,052
45	58	92 913	30 584,575	552 244,962	18,056	17,594
46	59	92 314	29 646,275	521 660,387	17,596	17,134
47	60	91 667	28 720,610	492 014,112	17,131	16,669
48	61	90 947	27 799,776	463 293,502	16,665	16,203
49	62	90 186	26 894,878	435 493,726	16,192	15,730
50	63	89 356	25 997,392	408 598,848	15,717	15,254
51	64	88 455	25 107,672	382 601,457	15,238	14,776
52	65	87 472	24 222,898	357 493,784	14,759	14,296
53	66	86 387	23 339,009	333 270,887	14,280	13,817
54	67	85 205	22 458,316	309 931,877	13,800	13,338
55	68	83 909	21 577,194	287 473,561	13,323	12,861
56	69	82 541	20 707,785	265 896,367	12,840	12,378
57	70	81 061	19 840,557	245 188,582	12,358	11,896
58	71	79 470	18 976,631	225 348,025	11,875	11,413
59	72	77 744	18 111,707	206 371,394	11,394	10,932
60	73	75 915	17 254,247	188 259,687	10,911	10,448
61	74	73 989	16 406,376	171 005,440	10,423	9,961
62	75	71 924	15 559,509	154 599,064	9,936	9,474
63	76	69 697	14 709,990	139 039,556	9,452	8,990
64	77	67 285	13 854,530	124 329,566	8,974	8,512
65	78	64 703	12 997,852	110 475,036	8,499	8,037
66	79	61 918	12 135,107	97 477,184	8,033	7,570
67	80	58 901	11 262,198	85 342,077	7,578	7,115
68	81	55 622	10 375,811	74 079,879	7,140	6,677
69	82	52 176	9 495,723	63 704,068	6,709	6,246
70	83	48 527	8 616,209	54 208,346	6,291	5,829
71	84	44 685	7 740,424	45 592,137	5,890	5,428
72	85	40 664	6 872,194	37 851,713	5,508	5,046
73	86	36 543	6 025,065	30 979,518	5,142	4,679
74	87	32 352	5 203,962	24 954,453	4,795	4,333
75	88	28 179	4 422,197	19 750,491	4,466	4,004
76	89	24 095	3 688,977	15 328,294	4,155	3,693
77	90	20 152	3 010,089	11 639,317	3,867	3,404
78	91	16 462	2 399,001	8 629,227	3,597	3,135
79	92	13 074	1 858,724	6 230,227	3,352	2,889
80	93	10 066	1 396,254	4 371,503	3,131	2,668
81	94	7 494	1 014,119	2 975,249	2,934	2,471
82	95	5 350	706,362	1 961,130	2,776	2,314
83	96	3 718	478,821	1 254,768	2,621	2,158
84	97	2 485	312,315	775,947	2,484	2,022
85	98	1 626	199,282	463,632	2,327	1,864
86	99	1 009	120,642	264,350	2,191	1,729
87	100	594	69,339	143,708	2,073	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	3 238 405,899	32,522	32,059
1	15	99 213	96 793,089	3 138 829,414	32,428	31,966
2	16	99 173	94 394,748	3 042 036,325	32,227	31,764
3	17	99 144	92 065,081	2 947 641,578	32,017	31,555
4	18	99 117	89 794,877	2 855 576,497	31,801	31,339
5	19	99 085	87 576,760	2 765 781,619	31,581	31,119
6	20	99 057	85 416,199	2 678 204,859	31,355	30,892
7	21	99 028	83 308,806	2 592 788,660	31,123	30,660
8	22	99 003	81 256,586	2 509 479,854	30,883	30,421
9	23	98 978	79 254,543	2 428 223,268	30,638	30,176
10	24	98 949	77 298,511	2 348 968,725	30,388	29,926
11	25	98 924	75 394,595	2 271 670,213	30,130	29,668
12	26	98 897	73 535,420	2 196 275,618	29,867	29,404
13	27	98 870	71 722,294	2 122 740,198	29,597	29,134
14	28	98 839	69 950,995	2 051 017,905	29,321	28,858
15	29	98 802	68 219,613	1 981 066,910	29,040	28,577
16	30	98 762	66 528,496	1 912 847,297	28,752	28,290
17	31	98 707	64 869,864	1 846 318,801	28,462	27,999
18	32	98 647	63 248,921	1 781 448,936	28,166	27,703
19	33	98 575	61 661,202	1 718 200,015	27,865	27,403
20	34	98 498	60 110,742	1 656 538,813	27,558	27,096
21	35	98 416	58 595,266	1 596 428,071	27,245	26,783
22	36	98 332	57 117,550	1 537 832,805	26,924	26,462
23	37	98 242	55 673,192	1 480 715,255	26,597	26,134
24	38	98 151	54 265,382	1 425 042,063	26,261	25,798
25	39	98 046	52 885,252	1 370 776,681	25,920	25,457
26	40	97 941	51 539,823	1 317 891,429	25,570	25,108
27	41	97 828	50 224,819	1 266 351,605	25,214	24,751
28	42	97 702	48 936,606	1 216 126,787	24,851	24,389
29	43	97 570	47 678,841	1 167 190,181	24,480	24,018
30	44	97 427	46 447,470	1 119 511,341	24,103	23,640
31	45	97 271	45 242,302	1 073 063,870	23,718	23,256
32	46	97 096	44 059,402	1 027 821,568	23,328	22,866
33	47	96 905	42 900,130	983 762,166	22,931	22,469
34	48	96 697	41 764,110	940 862,036	22,528	22,066
35	49	96 465	40 647,539	899 097,926	22,119	21,657
36	50	96 205	39 549,159	858 450,387	21,706	21,243
37	51	95 930	38 474,341	818 901,228	21,284	20,822
38	52	95 628	37 417,941	780 426,887	20,857	20,395
39	53	95 293	36 377,459	743 008,947	20,425	19,963
40	54	94 929	35 354,576	706 631,488	19,987	19,525
41	55	94 525	34 345,244	671 276,912	19,545	19,083
42	56	94 087	33 352,297	636 931,668	19,097	18,635
43	57	93 606	32 372,764	603 579,371	18,645	18,182
44	58	93 080	31 405,580	571 206,607	18,188	17,726
45	59	92 503	30 449,680	539 801,027	17,728	17,265
46	60	91 868	29 503,084	509 351,347	17,264	16,802
47	61	91 173	28 565,777	479 848,264	16,798	16,336
48	62	90 438	27 644,233	451 282,487	16,325	15,862
49	63	89 638	26 731,447	423 638,254	15,848	15,386
50	64	88 768	25 826,214	396 906,807	15,368	14,906
51	65	87 811	24 924,704	371 080,592	14,888	14,426
52	66	86 771	24 028,820	346 155,888	14,406	13,943
53	67	85 632	23 135,133	322 127,069	13,924	13,461
54	68	84 379	22 240,596	298 991,935	13,444	12,981
55	69	83 052	21 356,787	276 751,339	12,958	12,496
56	70	81 619	20 476,434	255 394,552	12,473	12,010
57	71	80 074	19 598,829	234 918,118	11,986	11,524
58	72	78 406	18 722,527	215 319,289	11,501	11,038
59	73	76 624	17 850,730	196 596,762	11,013	10,551
60	74	74 740	16 987,103	178 746,032	10,522	10,060
61	75	72 723	16 125,689	161 758,929	10,031	9,569
62	76	70 553	15 262,827	145 633,240	9,542	9,079
63	77	68 176	14 388,928	130 370,412	9,060	8,598
64	78	65 640	13 515,761	115 981,484	8,581	8,119
65	79	62 885	12 632,609	102 465,723	8,111	7,649
66	80	59 880	11 735,579	89 833,114	7,655	7,192
67	81	56 639	10 829,640	78 097,535	7,211	6,749
68	82	53 171	9 918,626	67 267,895	6,782	6,320
69	83	49 550	9 017,693	57 349,270	6,360	5,897
70	84	45 709	8 115,763	48 331,576	5,955	5,493
71	85	41 681	7 220,105	40 215,813	5,570	5,108
72	86	37 524	6 341,514	32 995,708	5,203	4,741
73	87	33 294	5 489,391	26 654,193	4,856	4,393
74	88	29 078	4 677,373	21 164,803	4,525	4,063
75	89	24 943	3 914,418	16 487,430	4,212	3,750
76	90	20 940	3 206,023	12 573,012	3,922	3,459
77	91	17 171	2 564,786	9 366,989	3,652	3,190
78	92	13 708	1 997,564	6 802,203	3,405	2,943
79	93	10 622	1 510,104	4 804,639	3,182	2,719
80	94	7 961	1 104,160	3 294,534	2,984	2,521
81	95	5 732	775,626	2 190,374	2,824	2,362
82	96	4 018	530,454	1 414,748	2,667	2,205
83	97	2 716	349,786	884,294	2,528	2,066
84	98	1 797	225,786	534,508	2,367	1,905
85	99	1 130	138,555	308,722	2,228	1,766
86	100	675	80,766	170,167	2,107	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	3 223 522,521	32,376	31,913
1	16	99 201	96 780,980	3 123 956,485	32,279	31,816
2	17	99 159	94 381,428	3 027 175,505	32,074	31,611
3	18	99 130	92 051,601	2 932 794,077	31,860	31,398
4	19	99 097	89 776,591	2 840 742,476	31,642	31,180
5	20	99 066	87 559,856	2 750 965,885	31,418	30,956
6	21	99 038	85 400,383	2 663 406,029	31,187	30,725
7	22	99 012	83 295,014	2 578 005,646	30,950	30,488
8	23	98 986	81 242,525	2 494 710,632	30,707	30,245
9	24	98 957	79 237,346	2 413 468,108	30,459	29,996
10	25	98 932	77 285,404	2 334 230,762	30,203	29,740
11	26	98 906	75 380,537	2 256 945,358	29,941	29,478
12	27	98 878	73 521,112	2 181 564,821	29,673	29,210
13	28	98 848	71 706,627	2 108 043,709	29,398	28,936
14	29	98 814	69 933,550	2 036 337,081	29,118	28,656
15	30	98 777	68 201,959	1 966 403,532	28,832	28,370
16	31	98 733	66 508,741	1 898 201,572	28,541	28,078
17	32	98 676	64 849,158	1 831 692,831	28,245	27,783
18	33	98 612	63 226,971	1 766 843,673	27,944	27,482
19	34	98 540	61 639,248	1 703 616,702	27,639	27,176
20	35	98 460	60 087,231	1 641 977,454	27,327	26,864
21	36	98 376	58 571,682	1 581 890,223	27,008	26,545
22	37	98 286	57 090,771	1 523 318,540	26,682	26,220
23	38	98 196	55 647,570	1 466 227,769	26,348	25,886
24	39	98 094	54 233,600	1 410 580,199	26,009	25,547
25	40	97 988	52 853,749	1 356 346,599	25,662	25,200
26	41	97 874	51 504,843	1 303 492,850	25,308	24,846
27	42	97 753	50 186,504	1 251 988,007	24,947	24,484
28	43	97 621	48 895,997	1 201 801,503	24,579	24,116
29	44	97 483	47 635,933	1 152 905,505	24,202	23,740
30	45	97 327	46 400,092	1 105 269,572	23,820	23,358
31	46	97 163	45 191,995	1 058 869,481	23,430	22,968
32	47	96 973	44 003,459	1 013 677,486	23,036	22,574
33	48	96 766	42 838,631	969 674,027	22,636	22,173
34	49	96 543	41 697,305	926 835,396	22,228	21,765
35	50	96 290	40 573,908	885 138,091	21,815	21,353
36	51	96 015	39 471,221	844 564,184	21,397	20,935
37	52	95 718	38 389,359	805 092,962	20,972	20,509
38	53	95 394	37 326,069	766 703,603	20,541	20,078
39	54	95 033	36 278,034	729 377,534	20,105	19,643
40	55	94 644	35 248,172	693 099,501	19,663	19,201
41	56	94 211	34 231,445	657 851,329	19,218	18,755
42	57	93 746	33 231,599	623 619,884	18,766	18,303
43	58	93 233	32 243,523	590 388,285	18,310	17,848
44	59	92 670	31 267,064	558 144,762	17,851	17,388
45	60	92 056	30 302,608	526 877,699	17,387	16,925
46	61	91 373	29 344,032	496 575,091	16,923	16,460
47	62	90 663	28 405,948	467 231,059	16,448	15,986
48	63	89 888	27 476,249	438 825,111	15,971	15,509
49	64	89 048	26 555,436	411 348,862	15,490	15,028
50	65	88 121	25 638,009	384 793,425	15,009	14,546
51	66	87 107	24 725,003	359 155,416	14,526	14,064
52	67	86 013	23 818,918	334 430,413	14,041	13,578
53	68	84 802	22 910,852	310 611,495	13,557	13,095
54	69	83 517	22 013,413	287 700,643	13,069	12,607
55	70	82 124	21 118,185	265 687,230	12,581	12,119
56	71	80 625	20 226,958	244 569,044	12,091	11,629
57	72	79 002	19 336,394	224 342,086	11,602	11,140
58	73	77 276	18 452,748	205 005,692	11,110	10,647
59	74	75 438	17 574,351	186 552,944	10,615	10,153
60	75	73 461	16 696,481	168 978,593	10,121	9,658
61	76	71 337	15 818,212	152 282,112	9,627	9,165
62	77	69 013	14 929,700	136 463,900	9,140	8,678
63	78	66 509	14 037,092	121 534,200	8,658	8,196
64	79	63 795	13 135,965	107 497,108	8,183	7,721
65	80	60 814	12 216,702	94 361,144	7,724	7,262
66	81	57 580	11 284,839	82 144,442	7,279	6,817
67	82	54 143	10 352,458	70 859,602	6,845	6,382
68	83	50 494	9 419,307	60 507,144	6,424	5,961
69	84	46 672	8 493,929	51 087,838	6,015	5,552
70	85	42 636	7 570,214	42 593,909	5,627	5,164
71	86	38 462	6 662,559	35 023,695	5,257	4,794
72	87	34 188	5 777,705	28 361,136	4,909	4,446
73	88	29 925	4 933,919	22 583,431	4,577	4,115
74	89	25 739	4 140,293	17 649,512	4,263	3,800
75	90	21 678	3 401,950	13 509,219	3,971	3,509
76	91	17 842	2 731,734	10 107,269	3,700	3,238
77	92	14 297	2 135,608	7 375,535	3,454	2,991
78	93	11 137	1 622,904	5 239,927	3,229	2,766
79	94	8 400	1 194,193	3 617,023	3,029	2,566
80	95	6 088	844,492	2 422,830	2,869	2,407
81	96	4 304	582,469	1 578,338	2,710	2,247
82	97	2 935	387,505	995,869	2,570	2,108
83	98	1 963	252,876	608,364	2,406	1,943
84	99	1 249	156,983	355,489	2,265	1,802
85	100	757	92,759	198,506	2,140	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	3 207 979,883	32,224	31,761
1	17	99 187	96 767,324	3 108 426,303	32,123	31,660
2	18	99 145	94 367,609	3 011 658,979	31,914	31,452
3	19	99 109	92 032,855	2 917 291,370	31,698	31,236
4	20	99 077	89 759,262	2 825 258,515	31,476	31,014
5	21	99 048	87 543,642	2 735 499,253	31,247	30,785
6	22	99 022	85 386,244	2 647 955,610	31,012	30,549
7	23	98 994	83 280,600	2 562 569,366	30,770	30,308
8	24	98 965	81 224,896	2 479 288,766	30,524	30,061
9	25	98 940	79 223,910	2 398 063,870	30,269	29,807
10	26	98 913	77 270,993	2 318 839,960	30,009	29,547
11	27	98 887	75 365,870	2 241 568,967	29,742	29,280
12	28	98 856	73 505,053	2 166 203,097	29,470	29,008
13	29	98 824	71 688,744	2 092 698,044	29,191	28,729
14	30	98 789	69 915,452	2 021 009,300	28,906	28,444
15	31	98 747	68 181,708	1 951 093,847	28,616	28,154
16	32	98 701	66 487,512	1 882 912,140	28,320	27,857
17	33	98 641	64 826,653	1 816 424,628	28,020	27,557
18	34	98 577	63 204,459	1 751 597,975	27,713	27,251
19	35	98 501	61 615,140	1 688 393,516	27,402	26,940
20	36	98 420	60 063,047	1 626 778,376	27,085	26,622
21	37	98 330	58 544,221	1 566 715,329	26,761	26,299
22	38	98 241	57 064,496	1 508 171,107	26,429	25,967
23	39	98 139	55 614,979	1 451 106,611	26,092	25,630
24	40	98 035	54 201,293	1 395 491,632	25,746	25,284
25	41	97 921	52 817,877	1 341 290,338	25,395	24,932
26	42	97 800	51 465,552	1 288 472,461	25,036	24,573
27	43	97 672	50 144,859	1 237 006,909	24,669	24,206
28	44	97 533	48 851,994	1 186 862,050	24,295	23,833
29	45	97 383	47 587,342	1 138 010,056	23,914	23,452
30	46	97 219	46 348,497	1 090 422,714	23,527	23,064
31	47	97 040	45 134,613	1 044 074,217	23,132	22,670
32	48	96 834	43 940,378	998 939,603	22,734	22,272
33	49	96 611	42 770,107	954 999,225	22,329	21,866
34	50	96 368	41 621,772	912 229,118	21,917	21,455
35	51	96 100	40 493,950	870 607,346	21,500	21,037
36	52	95 803	39 384,038	830 113,396	21,077	20,615
37	53	95 483	38 295,102	790 729,358	20,648	20,186
38	54	95 133	37 224,051	752 434,256	20,214	19,751
39	55	94 747	36 168,850	715 210,205	19,774	19,312
40	56	94 330	35 131,381	679 041,355	19,329	18,866
41	57	93 871	34 107,565	643 909,974	18,879	18,416
42	58	93 372	33 098,929	609 802,409	18,424	17,961
43	59	92 822	32 101,311	576 703,480	17,965	17,503
44	60	92 222	31 116,044	544 602,169	17,502	17,040
45	61	91 560	30 139,246	513 486,125	17,037	16,575
46	62	90 862	29 179,849	483 346,879	16,564	16,102
47	63	90 112	28 233,336	454 167,031	16,086	15,624
48	64	89 296	27 295,334	425 933,695	15,605	15,142
49	65	88 399	26 361,917	398 638,361	15,122	14,659
50	66	87 415	25 432,593	372 276,443	14,638	14,175
51	67	86 346	24 509,020	346 843,850	14,152	13,689
52	68	85 179	23 588,008	322 334,830	13,665	13,203
53	69	83 936	22 676,822	298 746,822	13,174	12,712
54	70	82 584	21 767,475	276 070,000	12,683	12,220
55	71	81 123	20 860,891	254 302,524	12,190	11,728
56	72	79 545	19 956,112	233 441,633	11,698	11,235
57	73	77 863	19 057,770	213 485,521	11,202	10,740
58	74	76 080	18 167,049	194 427,751	10,702	10,240
59	75	74 147	17 273,682	176 260,702	10,204	9,742
60	76	72 060	16 378,120	158 987,021	9,707	9,245
61	77	69 780	15 472,962	142 608,900	9,217	8,754
62	78	67 325	14 564,641	127 135,938	8,729	8,267
63	79	64 640	13 642,646	112 571,298	8,251	7,789
64	80	61 695	12 703,486	98 928,652	7,788	7,325
65	81	58 478	11 747,483	86 225,166	7,340	6,877
66	82	55 043	10 787,600	74 477,683	6,904	6,442
67	83	51 417	9 831,299	63 690,082	6,478	6,016
68	84	47 561	8 872,215	53 858,783	6,070	5,608
69	85	43 535	7 922,959	44 986,568	5,678	5,216
70	86	39 344	6 985,632	37 063,609	5,306	4,843
71	87	35 043	6 070,207	30 077,977	4,955	4,493
72	88	30 729	5 193,059	24 007,771	4,623	4,161
73	89	26 489	4 367,381	18 814,712	4,308	3,846
74	90	22 370	3 598,254	14 447,330	4,015	3,553
75	91	18 471	2 898,676	10 849,077	3,743	3,280
76	92	14 857	2 274,619	7 950,401	3,495	3,033
77	93	11 616	1 735,056	5 675,781	3,271	2,809
78	94	8 807	1 283,395	3 940,725	3,071	2,608
79	95	6 424	913,352	2 657,330	2,909	2,447
80	96	4 572	634,185	1 743,978	2,750	2,288
81	97	3 144	425,502	1 109,793	2,608	2,146
82	98	2 122	280,144	684,291	2,443	1,980
83	99	1 365	175,817	404,147	2,299	1,836
84	100	836	105,095	228,330	2,173	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	3 191 774,118	32,065	31,603
1	18	99 172	96 753,155	3 092 234,585	31,960	31,498
2	19	99 125	94 348,392	2 995 481,430	31,749	31,287
3	20	99 090	92 015,091	2 901 133,038	31,529	31,066
4	21	99 059	89 742,642	2 809 117,947	31,302	30,840
5	22	99 031	87 529,149	2 719 375,306	31,068	30,606
6	23	99 005	85 371,468	2 631 846,157	30,828	30,366
7	24	98 973	83 262,529	2 546 474,688	30,584	30,121
8	25	98 948	81 211,123	2 463 212,159	30,331	29,869
9	26	98 921	79 209,138	2 382 001,036	30,072	29,610
10	27	98 894	77 255,958	2 302 791,898	29,807	29,345
11	28	98 865	75 349,408	2 225 535,940	29,536	29,074
12	29	98 831	73 486,721	2 150 186,532	29,260	28,797
13	30	98 798	71 670,193	2 076 699,811	28,976	28,513
14	31	98 759	69 894,692	2 005 029,618	28,686	28,224
15	32	98 716	68 159,944	1 935 134,926	28,391	27,929
16	33	98 667	66 464,438	1 866 974,982	28,090	27,627
17	34	98 606	64 803,571	1 800 510,544	27,784	27,322
18	35	98 539	63 179,738	1 735 706,973	27,473	27,010
19	36	98 461	61 590,341	1 672 527,234	27,156	26,693
20	37	98 374	60 034,887	1 610 936,893	26,833	26,371
21	38	98 285	58 517,278	1 550 902,006	26,503	26,041
22	39	98 183	57 031,076	1 492 384,728	26,168	25,706
23	40	98 080	55 581,850	1 435 353,652	25,824	25,362
24	41	97 969	54 164,507	1 379 771,803	25,474	25,011
25	42	97 847	52 777,584	1 325 607,296	25,117	24,654
26	43	97 718	51 422,845	1 272 829,712	24,752	24,290
27	44	97 584	50 099,732	1 221 406,866	24,380	23,917
28	45	97 433	48 802,163	1 171 307,134	24,001	23,539
29	46	97 275	47 534,427	1 122 504,971	23,615	23,152
30	47	97 096	46 289,647	1 074 970,543	23,223	22,760
31	48	96 901	45 069,911	1 028 680,897	22,824	22,362
32	49	96 679	43 870,092	983 610,986	22,421	21,959
33	50	96 436	42 692,631	939 740,894	22,012	21,549
34	51	96 178	41 539,750	897 048,263	21,595	21,133
35	52	95 888	40 404,508	855 508,513	21,174	20,711
36	53	95 568	39 287,338	815 104,005	20,747	20,285
37	54	95 222	38 190,436	775 816,667	20,314	19,852
38	55	94 847	37 112,020	737 626,231	19,876	19,413
39	56	94 433	36 049,009	700 514,210	19,432	18,970
40	57	93 989	35 004,244	664 465,202	18,982	18,520
41	58	93 496	33 971,398	629 460,958	18,529	18,067
42	59	92 960	32 952,945	595 489,559	18,071	17,608
43	60	92 373	31 946,262	562 536,615	17,609	17,146
44	61	91 725	30 948,297	530 590,353	17,144	16,682
45	62	91 048	29 970,613	499 642,057	16,671	16,209
46	63	90 310	29 002,534	469 671,443	16,194	15,732
47	64	89 519	28 047,436	440 668,910	15,712	15,249
48	65	88 646	27 096,423	412 621,474	15,228	14,765
49	66	87 691	26 150,702	385 525,051	14,742	14,280
50	67	86 651	25 210,429	359 374,349	14,255	13,793
51	68	85 509	24 271,420	334 163,920	13,768	13,305
52	69	84 309	23 347,061	309 892,500	13,273	12,811
53	70	82 998	22 423,473	286 545,439	12,779	12,316
54	71	81 578	21 502,271	264 121,967	12,283	11,821
55	72	80 037	20 581,557	242 619,696	11,788	11,326
56	73	78 399	19 668,558	222 038,139	11,289	10,827
57	74	76 658	18 762,703	202 369,581	10,786	10,323
58	75	74 778	17 856,239	183 606,878	10,283	9,820
59	76	72 733	16 944,315	165 750,639	9,782	9,320
60	77	70 487	16 020,650	148 806,324	9,288	8,826
61	78	68 073	15 094,619	132 785,674	8,797	8,334
62	79	65 434	14 155,371	117 691,055	8,314	7,852
63	80	62 512	13 193,485	103 535,684	7,847	7,385
64	81	59 325	12 215,570	90 342,199	7,396	6,933
65	82	55 902	11 229,859	78 126,628	6,957	6,495
66	83	52 272	10 244,536	66 896,769	6,530	6,068
67	84	48 431	9 260,279	56 652,234	6,118	5,655
68	85	44 364	8 275,817	47 391,955	5,727	5,264
69	86	40 173	7 311,137	39 116,138	5,350	4,888
70	87	35 846	6 364,555	31 805,001	4,997	4,535
71	88	31 497	5 455,962	25 440,445	4,663	4,200
72	89	27 200	4 596,766	19 984,483	4,348	3,885
73	90	23 021	3 795,612	15 387,718	4,054	3,592
74	91	19 060	3 065,939	11 592,106	3,781	3,319
75	92	15 380	2 413,626	8 526,166	3,533	3,070
76	93	12 070	1 847,995	6 112,540	3,308	2,845
77	94	9 186	1 372,086	4 264,545	3,108	2,646
78	95	6 736	981,576	2 892,460	2,947	2,484
79	96	4 824	685,897	1 910,884	2,786	2,324
80	97	3 340	463,281	1 224,987	2,644	2,182
81	98	2 273	307,614	761,706	2,476	2,014
82	99	1 475	194,776	454,091	2,331	1,869
83	100	914	117,704	259,316	2,203	1,741

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	3 174 900,792	31,901	31,438
1	19	99 152	96 733,452	3 075 375,833	31,792	31,330
2	20	99 106	94 330,180	2 978 642,381	31,577	31,114
3	21	99 072	91 998,052	2 884 312,201	31,352	30,889
4	22	99 043	89 727,784	2 792 314,148	31,120	30,657
5	23	99 014	87 514,002	2 702 586,364	30,882	30,419
6	24	98 983	85 352,944	2 615 072,362	30,638	30,176
7	25	98 956	83 248,411	2 529 719,418	30,388	29,925
8	26	98 929	81 195,980	2 446 471,007	30,130	29,668
9	27	98 902	79 193,726	2 365 275,027	29,867	29,405
10	28	98 873	77 239,083	2 286 081,301	29,597	29,135
11	29	98 840	75 330,616	2 208 842,218	29,322	28,860
12	30	98 806	73 467,704	2 133 511,601	29,040	28,578
13	31	98 769	71 648,911	2 060 043,897	28,752	28,290
14	32	98 728	69 872,382	1 988 394,986	28,458	27,995
15	33	98 682	68 136,290	1 918 522,604	28,157	27,695
16	34	98 632	66 440,773	1 850 386,314	27,850	27,388
17	35	98 568	64 778,226	1 783 945,541	27,539	27,077
18	36	98 499	63 154,310	1 719 167,315	27,222	26,759
19	37	98 415	61 561,465	1 656 013,006	26,900	26,438
20	38	98 329	60 007,257	1 594 451,541	26,571	26,109
21	39	98 227	58 483,007	1 534 444,283	26,237	25,775
22	40	98 125	56 997,102	1 475 961,277	25,895	25,433
23	41	98 014	55 544,126	1 418 964,174	25,547	25,084
24	42	97 894	54 123,187	1 363 420,048	25,191	24,729
25	43	97 765	52 733,789	1 309 296,861	24,828	24,366
26	44	97 631	51 376,568	1 256 563,072	24,458	23,995
27	45	97 485	50 048,628	1 205 186,504	24,080	23,618
28	46	97 325	48 747,898	1 155 137,876	23,696	23,234
29	47	97 151	47 474,071	1 106 389,978	23,305	22,843
30	48	96 956	46 223,289	1 058 915,907	22,909	22,446
31	49	96 746	44 997,818	1 012 692,618	22,505	22,043
32	50	96 504	43 790,624	967 694,800	22,098	21,636
33	51	96 246	42 608,498	923 904,177	21,684	21,221
34	52	95 965	41 447,998	881 295,678	21,263	20,800
35	53	95 653	40 305,303	839 847,681	20,837	20,375
36	54	95 307	39 179,961	799 542,378	20,407	19,945
37	55	94 935	38 075,497	760 362,418	19,970	19,507
38	56	94 532	36 989,054	722 286,921	19,527	19,065
39	57	94 091	35 918,551	685 297,867	19,079	18,617
40	58	93 613	34 864,498	649 379,316	18,626	18,163
41	59	93 083	33 821,565	614 514,818	18,169	17,707
42	60	92 511	32 793,782	580 693,253	17,707	17,245
43	61	91 875	31 774,039	547 899,471	17,244	16,781
44	62	91 212	30 775,137	516 125,433	16,771	16,308
45	63	90 495	29 788,493	485 350,295	16,293	15,831
46	64	89 715	28 811,569	455 561,802	15,812	15,349
47	65	88 867	27 843,044	426 750,233	15,327	14,865
48	66	87 935	26 879,322	398 907,189	14,841	14,378
49	67	86 925	25 922,264	372 027,867	14,352	13,889
50	68	85 811	24 966,029	346 105,602	13,863	13,401
51	69	84 636	24 023,492	321 139,573	13,368	12,905
52	70	83 367	23 086,223	297 116,081	12,870	12,407
53	71	81 987	22 150,276	274 029,858	12,371	11,909
54	72	80 486	21 214,348	251 879,582	11,873	11,411
55	73	78 884	20 284,990	230 665,235	11,371	10,909
56	74	77 185	19 364,034	210 380,244	10,864	10,402
57	75	75 346	18 441,703	191 016,210	10,358	9,895
58	76	73 352	17 515,765	172 574,507	9,853	9,390
59	77	71 146	16 574,487	155 058,742	9,355	8,893
60	78	68 764	15 628,915	138 484,255	8,861	8,398
61	79	66 161	14 670,457	122 855,340	8,374	7,912
62	80	63 279	13 689,329	108 184,883	7,903	7,440
63	81	60 111	12 686,750	94 495,554	7,448	6,986
64	82	56 711	11 677,321	81 808,804	7,006	6,543
65	83	53 088	10 664,530	70 131,483	6,576	6,114
66	84	49 236	9 649,514	59 466,952	6,163	5,700
67	85	45 175	8 637,794	49 817,439	5,767	5,305
68	86	40 938	7 636,747	41 179,645	5,392	4,930
69	87	36 601	6 661,121	33 542,897	5,036	4,573
70	88	32 219	5 720,526	26 881,776	4,699	4,237
71	89	27 880	4 829,481	21 161,250	4,382	3,919
72	90	23 639	3 994,966	16 331,769	4,088	3,626
73	91	19 615	3 234,101	12 336,804	3,815	3,352
74	92	15 871	2 552,900	9 102,703	3,566	3,103
75	93	12 495	1 960,930	6 549,803	3,340	2,878
76	94	9 545	1 461,398	4 588,873	3,140	2,678
77	95	7 026	1 049,409	3 127,475	2,980	2,518
78	96	5 058	737,131	2 078,066	2,819	2,357
79	97	3 524	501,057	1 340,935	2,676	2,214
80	98	2 415	334,927	839,878	2,508	2,045
81	99	1 580	213,875	504,952	2,361	1,899
82	100	988	130,397	291,077	2,232	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	3 157 354,141	31,731	31,268
1	20	99 133	96 714,780	3 057 849,450	31,617	31,155
2	21	99 087	94 312,713	2 961 134,669	31,397	30,935
3	22	99 055	91 982,821	2 866 821,956	31,167	30,705
4	23	99 026	89 712,257	2 774 839,135	30,930	30,468
5	24	98 993	87 495,013	2 685 126,877	30,689	30,226
6	25	98 966	85 338,471	2 597 631,864	30,439	29,977
7	26	98 938	83 232,888	2 512 293,394	30,184	29,721
8	27	98 910	81 180,182	2 429 060,506	29,922	29,459
9	28	98 881	79 176,427	2 347 880,324	29,654	29,191
10	29	98 848	77 219,820	2 268 703,896	29,380	28,917
11	30	98 815	75 311,122	2 191 484,076	29,099	28,637
12	31	98 777	73 445,889	2 116 172,953	28,813	28,350
13	32	98 737	71 626,041	2 042 727,064	28,519	28,057
14	33	98 694	69 848,133	1 971 101,023	28,220	27,757
15	34	98 647	68 112,030	1 901 252,890	27,914	27,451
16	35	98 593	66 414,787	1 833 140,860	27,601	27,139
17	36	98 528	64 752,154	1 766 726,073	27,284	26,822
18	37	98 453	63 124,700	1 701 973,919	26,962	26,500
19	38	98 370	61 533,133	1 638 849,219	26,634	26,171
20	39	98 271	59 972,114	1 577 316,087	26,301	25,838
21	40	98 168	58 448,168	1 517 343,973	25,961	25,498
22	41	98 058	56 958,419	1 458 895,805	25,613	25,151
23	42	97 939	55 501,754	1 401 937,386	25,259	24,797
24	43	97 813	54 078,275	1 346 435,633	24,898	24,435
25	44	97 678	52 686,332	1 292 357,358	24,529	24,067
26	45	97 531	51 324,162	1 239 671,026	24,154	23,691
27	46	97 376	49 992,976	1 188 346,863	23,770	23,308
28	47	97 201	48 686,001	1 138 353,887	23,382	22,919
29	48	97 012	47 406,015	1 089 667,886	22,986	22,523
30	49	96 801	46 149,351	1 042 261,871	22,585	22,122
31	50	96 570	44 916,307	996 112,520	22,177	21,715
32	51	96 314	43 704,327	951 196,213	21,764	21,302
33	52	96 034	42 514,385	907 491,886	21,346	20,883
34	53	95 730	41 346,230	864 977,501	20,920	20,458
35	54	95 391	40 195,143	823 631,270	20,491	20,028
36	55	95 020	39 062,043	783 436,128	20,056	19,594
37	56	94 621	37 949,338	744 374,085	19,615	19,153
38	57	94 190	36 855,194	706 424,747	19,168	18,705
39	58	93 716	35 775,155	669 569,553	18,716	18,254
40	59	93 201	34 710,726	633 794,398	18,259	17,797
41	60	92 634	33 658,207	599 083,672	17,799	17,337
42	61	92 012	32 616,990	565 425,465	17,335	16,873
43	62	91 361	31 596,259	532 808,475	16,863	16,401
44	63	90 657	30 588,128	501 212,216	16,386	15,923
45	64	89 899	29 592,353	470 624,088	15,904	15,441
46	65	89 061	28 601,609	441 031,735	15,420	14,957
47	66	88 155	27 619,961	412 430,126	14,932	14,470
48	67	87 167	26 644,520	384 810,164	14,442	13,980
49	68	86 082	25 670,963	358 165,644	13,952	13,490
50	69	84 934	24 711,006	332 494,681	13,455	12,993
51	70	83 690	23 755,097	307 783,675	12,957	12,494
52	71	82 351	22 804,952	284 028,578	12,455	11,992
53	72	80 889	21 853,675	261 223,626	11,953	11,491
54	73	79 326	20 908,663	239 369,950	11,448	10,986
55	74	77 662	19 970,923	218 461,287	10,939	10,477
56	75	75 864	19 032,747	198 490,365	10,429	9,966
57	76	73 910	18 090,065	179 457,618	9,920	9,458
58	77	71 751	17 133,464	161 367,553	9,418	8,956
59	78	69 406	16 169,210	144 234,088	8,920	8,458
60	79	66 832	15 189,739	128 064,878	8,431	7,969
61	80	63 982	14 187,457	112 875,140	7,956	7,494
62	81	60 849	13 163,550	98 687,683	7,497	7,035
63	82	57 462	12 127,739	85 524,133	7,052	6,590
64	83	53 856	11 089,466	73 396,394	6,619	6,156
65	84	50 004	10 045,114	62 306,927	6,203	5,740
66	85	45 926	9 000,864	52 261,813	5,806	5,344
67	86	41 687	7 970,772	43 260,949	5,427	4,965
68	87	37 299	6 957,782	35 290,177	5,072	4,610
69	88	32 897	5 987,082	28 332,395	4,732	4,270
70	89	28 519	5 063,666	22 345,313	4,413	3,950
71	90	24 230	4 197,214	17 281,647	4,117	3,655
72	91	20 142	3 403,963	13 084,432	3,844	3,381
73	92	16 333	2 692,923	9 680,469	3,595	3,132
74	93	12 894	2 074,082	6 987,547	3,369	2,907
75	94	9 881	1 550,707	4 913,465	3,169	2,706
76	95	7 300	1 117,717	3 362,758	3,009	2,546
77	96	5 276	788,071	2 245,041	2,849	2,386
78	97	3 695	538,485	1 456,970	2,706	2,243
79	98	2 548	362,237	918,485	2,536	2,073
80	99	1 679	232,864	556,249	2,389	1,926
81	100	1 058	143,183	323,384	2,259	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	3 139 133,417	31,554	31,091
1	21	99 114	96 696,872	3 039 647,933	31,435	30,972
2	22	99 071	94 297,099	2 942 951,061	31,209	30,747
3	23	99 038	91 966,904	2 848 653,962	30,975	30,512
4	24	99 004	89 692,791	2 756 687,058	30,735	30,272
5	25	98 976	87 480,176	2 666 994,267	30,487	30,024
6	26	98 948	85 322,559	2 579 514,090	30,232	29,770
7	27	98 918	83 216,693	2 494 191,532	29,972	29,510
8	28	98 889	81 162,450	2 410 974,838	29,706	29,243
9	29	98 856	79 156,681	2 329 812,389	29,433	28,971
10	30	98 822	77 199,837	2 250 655,707	29,154	28,691
11	31	98 785	75 288,760	2 173 455,870	28,868	28,406
12	32	98 745	73 422,446	2 098 167,110	28,577	28,114
13	33	98 703	71 601,184	2 024 744,665	28,278	27,816
14	34	98 658	69 823,264	1 953 143,481	27,973	27,510
15	35	98 608	68 085,390	1 883 320,217	27,661	27,199
16	36	98 553	66 388,057	1 815 234,827	27,343	26,880
17	37	98 482	64 721,795	1 748 846,770	27,021	26,559
18	38	98 408	63 095,649	1 684 124,976	26,692	26,229
19	39	98 312	61 497,095	1 621 029,327	26,359	25,897
20	40	98 213	59 936,388	1 559 532,232	26,020	25,557
21	41	98 102	58 408,499	1 499 595,844	25,674	25,212
22	42	97 983	56 914,967	1 441 187,344	25,322	24,859
23	43	97 858	55 455,698	1 384 272,377	24,962	24,499
24	44	97 725	54 029,608	1 328 816,679	24,594	24,132
25	45	97 578	52 632,590	1 274 787,071	24,220	23,758
26	46	97 422	51 267,092	1 222 154,481	23,839	23,377
27	47	97 253	49 929,499	1 170 887,389	23,451	22,988
28	48	97 062	48 616,207	1 120 957,891	23,057	22,595
29	49	96 857	47 330,186	1 072 341,683	22,657	22,194
30	50	96 626	46 065,754	1 025 011,498	22,251	21,789
31	51	96 380	44 827,792	978 945,744	21,838	21,376
32	52	96 101	43 607,794	934 117,952	21,421	20,958
33	53	95 798	42 410,000	890 510,158	20,998	20,535
34	54	95 468	41 233,225	848 100,158	20,568	20,106
35	55	95 104	40 074,170	806 866,933	20,134	19,672
36	56	94 705	38 932,615	766 792,763	19,695	19,233
37	57	94 279	37 812,003	727 860,148	19,249	18,787
38	58	93 814	36 708,058	690 048,145	18,798	18,336
39	59	93 302	35 617,366	653 340,086	18,343	17,881
40	60	92 750	34 543,073	617 722,720	17,883	17,420
41	61	92 134	33 476,755	583 179,647	17,420	16,958
42	62	91 498	32 434,494	549 702,892	16,948	16,486
43	63	90 806	31 404,261	517 268,398	16,471	16,009
44	64	90 060	30 386,723	485 864,138	15,989	15,527
45	65	89 244	29 376,703	455 477,414	15,505	15,042
46	66	88 348	28 372,448	426 100,711	15,018	14,556
47	67	87 384	27 378,689	397 728,263	14,527	14,065
48	68	86 322	26 386,218	370 349,574	14,036	13,573
49	69	85 203	25 408,740	343 963,356	13,537	13,075
50	70	83 986	24 434,930	318 554,616	13,037	12,574
51	71	82 670	23 465,676	294 119,686	12,534	12,072
52	72	81 249	22 499,585	270 654,010	12,029	11,567
53	73	79 723	21 538,779	248 154,424	11,521	11,059
54	74	78 098	20 584,939	226 615,646	11,009	10,546
55	75	76 334	19 629,252	206 030,706	10,496	10,034
56	76	74 418	18 669,839	186 401,454	9,984	9,522
57	77	72 296	17 695,230	167 731,615	9,479	9,016
58	78	69 997	16 714,519	150 036,386	8,976	8,514
59	79	67 456	15 714,851	133 321,867	8,484	8,021
60	80	64 631	14 689,643	117 607,015	8,006	7,544
61	81	61 525	13 642,545	102 917,373	7,544	7,081
62	82	58 168	12 583,530	89 274,827	7,095	6,632
63	83	54 570	11 517,210	76 691,297	6,659	6,196
64	84	50 728	10 445,369	65 174,087	6,240	5,777
65	85	46 643	9 369,872	54 728,718	5,841	5,379
66	86	42 380	8 305,806	45 358,846	5,461	4,999
67	87	37 981	7 262,109	37 053,040	5,102	4,640
68	88	33 524	6 253,724	29 790,931	4,764	4,301
69	89	29 120	5 299,615	23 537,207	4,441	3,979
70	90	24 785	4 400,740	18 237,592	4,144	3,682
71	91	20 646	3 576,291	13 836,852	3,869	3,407
72	92	16 772	2 834,361	10 260,561	3,620	3,158
73	93	13 270	2 187,842	7 426,200	3,394	2,932
74	94	10 197	1 640,188	5 238,358	3,194	2,731
75	95	7 558	1 186,023	3 598,170	3,034	2,571
76	96	5 482	839,368	2 412,147	2,874	2,411
77	97	3 854	575,697	1 572,779	2,732	2,270
78	98	2 671	389,294	997,081	2,561	2,099
79	99	1 771	251,852	607,787	2,413	1,951
80	100	1 124	155,896	355,935	2,283	1,821

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	3 120 230,752	31,369	30,907
1	22	99 098	96 680,863	3 020 763,690	31,245	30,782
2	23	99 054	94 280,781	2 924 082,827	31,015	30,552
3	24	99 017	91 946,949	2 829 802,045	30,776	30,314
4	25	98 987	89 677,582	2 737 855,096	30,530	30,068
5	26	98 957	87 463,865	2 648 177,515	30,277	29,815
6	27	98 929	85 305,957	2 560 713,650	30,018	29,556
7	28	98 897	83 198,516	2 475 407,693	29,753	29,291
8	29	98 864	81 142,208	2 392 209,176	29,482	29,019
9	30	98 830	79 136,197	2 311 066,968	29,204	28,741
10	31	98 793	77 176,914	2 231 930,771	28,920	28,457
11	32	98 754	75 264,728	2 154 753,857	28,629	28,167
12	33	98 711	73 396,965	2 079 489,129	28,332	27,870
13	34	98 668	71 575,690	2 006 092,164	28,028	27,565
14	35	98 620	69 795,955	1 934 516,474	27,717	27,254
15	36	98 568	68 057,987	1 864 720,519	27,399	26,937
16	37	98 507	66 356,931	1 796 662,532	27,076	26,613
17	38	98 437	64 692,008	1 730 305,601	26,747	26,284
18	39	98 350	63 058,696	1 665 613,593	26,414	25,951
19	40	98 254	61 460,461	1 602 554,897	26,075	25,612
20	41	98 146	59 895,709	1 541 094,436	25,730	25,267
21	42	98 027	58 363,942	1 481 198,727	25,379	24,916
22	43	97 902	56 867,739	1 422 834,785	25,020	24,558
23	44	97 770	55 405,792	1 365 967,046	24,654	24,191
24	45	97 625	53 974,496	1 310 561,255	24,281	23,819
25	46	97 469	52 574,065	1 256 586,759	23,901	23,439
26	47	97 299	51 201,997	1 204 012,694	23,515	23,053
27	48	97 113	49 857,922	1 152 810,698	23,122	22,659
28	49	96 907	48 538,442	1 102 952,775	22,723	22,261
29	50	96 681	47 244,450	1 054 414,333	22,318	21,856
30	51	96 436	45 974,974	1 007 169,883	21,907	21,444
31	52	96 167	44 728,777	961 194,910	21,489	21,027
32	53	95 865	43 500,723	916 466,133	21,068	20,605
33	54	95 536	42 294,087	872 965,409	20,640	20,178
34	55	95 181	41 109,128	830 671,322	20,206	19,744
35	56	94 789	39 941,389	789 562,194	19,768	19,306
36	57	94 362	38 791,723	749 620,805	19,324	18,862
37	58	93 902	37 661,047	710 829,083	18,874	18,412
38	59	93 400	36 546,155	673 168,035	18,420	17,957
39	60	92 852	35 445,334	636 621,880	17,961	17,498
40	61	92 250	34 356,850	601 176,546	17,498	17,036
41	62	91 619	33 289,449	566 819,695	17,027	16,565
42	63	90 942	32 237,402	533 530,246	16,550	16,088
43	64	90 208	31 197,482	501 292,845	16,068	15,606
44	65	89 404	30 165,285	470 095,363	15,584	15,122
45	66	88 529	29 141,332	439 930,078	15,096	14,634
46	67	87 576	28 124,603	410 788,746	14,606	14,144
47	68	86 537	27 113,269	382 664,143	14,114	13,651
48	69	85 440	26 116,688	355 550,874	13,614	13,152
49	70	84 251	25 124,869	329 434,186	13,112	12,649
50	71	82 962	24 137,227	304 309,318	12,607	12,145
51	72	81 563	23 151,462	280 172,091	12,102	11,639
52	73	80 078	22 175,381	257 020,628	11,590	11,128
53	74	78 489	21 205,299	234 845,247	11,075	10,612
54	75	76 762	20 232,764	213 639,948	10,559	10,097
55	76	74 878	19 254,971	193 407,184	10,045	9,582
56	77	72 794	18 262,350	174 152,214	9,536	9,074
57	78	70 529	17 262,548	155 889,864	9,031	8,568
58	79	68 030	16 244,837	138 627,316	8,534	8,071
59	80	65 235	15 197,467	122 382,479	8,053	7,590
60	81	62 149	14 125,443	107 185,012	7,588	7,126
61	82	58 814	13 041,420	93 059,569	7,136	6,673
62	83	55 239	11 950,055	80 018,149	6,696	6,234
63	84	51 400	10 848,269	68 068,094	6,275	5,812
64	85	47 318	9 743,222	57 219,825	5,873	5,410
65	86	43 041	8 646,318	47 476,604	5,491	5,029
66	87	38 612	7 567,356	38 830,285	5,131	4,669
67	88	34 137	6 527,256	31 262,930	4,790	4,327
68	89	29 675	5 535,639	24 735,673	4,468	4,006
69	90	25 308	4 605,799	19 200,034	4,169	3,706
70	91	21 119	3 749,708	14 594,235	3,892	3,430
71	92	17 191	2 977,853	10 844,526	3,642	3,179
72	93	13 626	2 302,752	7 866,674	3,416	2,954
73	94	10 494	1 730,149	5 563,921	3,216	2,753
74	95	7 799	1 254,461	3 833,772	3,056	2,594
75	96	5 675	890,664	2 579,311	2,896	2,434
76	97	4 005	613,171	1 688,647	2,754	2,292
77	98	2 786	416,197	1 075,477	2,584	2,122
78	99	1 857	270,665	659,280	2,436	1,973
79	100	1 186	168,608	388,615	2,305	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	3 100 638,192	31,178	30,715
1	23	99 081	96 664,133	3 001 187,597	31,048	30,585
2	24	99 032	94 260,324	2 904 523,464	30,814	30,351
3	25	99 000	91 931,357	2 810 263,140	30,569	30,107
4	26	98 969	89 660,860	2 718 331,783	30,318	29,856
5	27	98 938	87 446,847	2 628 670,923	30,060	29,598
6	28	98 907	85 287,324	2 541 224,076	29,796	29,334
7	29	98 872	83 177,767	2 455 936,752	29,526	29,064
8	30	98 838	81 121,210	2 372 758,985	29,250	28,787
9	31	98 801	79 112,699	2 291 637,775	28,967	28,504
10	32	98 761	77 152,280	2 212 525,076	28,677	28,215
11	33	98 720	75 238,608	2 135 372,796	28,381	27,919
12	34	98 676	73 370,832	2 060 134,188	28,078	27,616
13	35	98 629	71 547,696	1 986 763,357	27,768	27,306
14	36	98 580	69 767,863	1 915 215,661	27,451	26,989
15	37	98 522	68 026,078	1 845 447,798	27,129	26,666
16	38	98 462	66 326,392	1 777 421,719	26,798	26,336
17	39	98 379	64 654,120	1 711 095,328	26,465	26,003
18	40	98 291	63 021,132	1 646 441,207	26,125	25,663
19	41	98 187	61 418,748	1 583 420,075	25,781	25,318
20	42	98 071	59 850,017	1 522 001,327	25,430	24,968
21	43	97 946	58 315,511	1 462 151,310	25,073	24,611
22	44	97 814	56 816,561	1 403 835,799	24,708	24,246
23	45	97 670	55 349,275	1 347 019,238	24,337	23,874
24	46	97 517	53 914,479	1 291 669,962	23,958	23,495
25	47	97 346	52 507,310	1 237 755,484	23,573	23,111
26	48	97 159	51 128,596	1 185 248,174	23,182	22,719
27	49	96 958	49 778,171	1 134 119,578	22,783	22,321
28	50	96 731	48 450,517	1 084 341,407	22,380	21,918
29	51	96 491	47 151,347	1 035 890,890	21,969	21,507
30	52	96 223	45 873,425	988 739,543	21,554	21,091
31	53	95 931	44 618,955	942 866,118	21,132	20,669
32	54	95 603	43 381,830	898 247,163	20,706	20,243
33	55	95 249	42 166,798	854 865,334	20,273	19,811
34	56	94 866	40 972,918	812 698,536	19,835	19,373
35	57	94 446	39 796,845	771 725,618	19,392	18,929
36	58	93 986	38 636,855	731 928,773	18,944	18,481
37	59	93 488	37 494,941	693 291,918	18,490	18,028
38	60	92 949	36 369,637	655 796,977	18,031	17,569
39	61	92 351	35 254,248	619 427,340	17,570	17,108
40	62	91 734	34 164,620	584 173,092	17,099	16,636
41	63	91 062	33 087,161	550 008,472	16,623	16,161
42	64	90 343	32 025,137	516 921,311	16,141	15,679
43	65	89 551	30 970,135	484 896,173	15,657	15,194
44	66	88 688	29 923,595	453 926,039	15,170	14,707
45	67	87 755	28 886,770	424 002,443	14,678	14,216
46	68	86 727	27 851,952	395 115,673	14,186	13,724
47	69	85 653	26 836,313	367 263,721	13,685	13,223
48	70	84 486	25 824,907	340 427,408	13,182	12,720
49	71	83 224	24 818,759	314 602,501	12,676	12,214
50	72	81 851	23 814,020	289 783,742	12,169	11,706
51	73	80 388	22 817,865	265 969,721	11,656	11,194
52	74	78 838	21 832,045	243 151,856	11,137	10,675
53	75	77 146	20 842,510	221 319,810	10,619	10,156
54	76	75 298	19 846,975	200 477,300	10,101	9,639
55	77	73 244	18 834,710	180 630,325	9,590	9,128
56	78	71 014	17 815,801	161 795,616	9,082	8,619
57	79	68 547	16 777,466	143 979,815	8,582	8,119
58	80	65 790	15 710,003	127 202,348	8,097	7,634
59	81	62 729	14 613,763	111 492,345	7,629	7,167
60	82	59 411	13 503,040	96 878,582	7,175	6,712
61	83	55 853	12 384,894	83 375,542	6,732	6,270
62	84	52 031	11 255,973	70 990,648	6,307	5,845
63	85	47 945	10 119,038	59 734,674	5,903	5,441
64	86	43 664	8 990,837	49 615,636	5,518	5,056
65	87	39 214	7 877,594	40 624,799	5,157	4,695
66	88	34 705	6 801,615	32 747,205	4,815	4,352
67	89	30 218	5 777,763	25 945,590	4,491	4,028
68	90	25 790	4 810,924	20 167,827	4,192	3,730
69	91	21 564	3 924,432	15 356,903	3,913	3,451
70	92	17 585	3 122,251	11 432,471	3,662	3,199
71	93	13 967	2 419,331	8 310,221	3,435	2,973
72	94	10 775	1 821,021	5 890,889	3,235	2,773
73	95	8 026	1 323,266	4 069,869	3,076	2,613
74	96	5 857	942,058	2 746,603	2,916	2,453
75	97	4 146	650,643	1 804,545	2,773	2,311
76	98	2 895	443,288	1 153,902	2,603	2,141
77	99	1 937	289,369	710,614	2,456	1,993
78	100	1 243	181,203	421,245	2,325	1,862

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	3 080 346,200	30,979	30,517
1	24	99 059	96 643,158	2 980 912,814	30,845	30,382
2	25	99 015	94 244,340	2 884 269,656	30,604	30,142
3	26	98 982	91 914,216	2 790 025,316	30,355	29,892
4	27	98 950	89 643,415	2 698 111,100	30,098	29,636
5	28	98 916	87 427,746	2 608 467,685	29,836	29,373
6	29	98 882	85 266,054	2 521 039,940	29,567	29,104
7	30	98 847	83 156,242	2 435 773,886	29,292	28,829
8	31	98 809	81 097,123	2 352 617,644	29,010	28,547
9	32	98 769	79 087,447	2 271 520,521	28,722	28,259
10	33	98 727	77 125,504	2 192 433,074	28,427	27,964
11	34	98 684	75 211,819	2 115 307,570	28,125	27,662
12	35	98 637	73 342,135	2 040 095,751	27,816	27,354
13	36	98 590	71 518,899	1 966 753,616	27,500	27,037
14	37	98 534	69 735,153	1 895 234,716	27,178	26,715
15	38	98 477	67 994,771	1 825 499,564	26,848	26,385
16	39	98 404	66 287,547	1 757 504,793	26,513	26,051
17	40	98 320	64 615,606	1 691 217,246	26,174	25,711
18	41	98 225	62 978,359	1 626 601,640	25,828	25,366
19	42	98 112	61 371,894	1 563 623,280	25,478	25,015
20	43	97 990	59 800,353	1 502 251,386	25,121	24,659
21	44	97 858	58 263,031	1 442 451,033	24,758	24,295
22	45	97 714	56 758,606	1 384 188,002	24,387	23,925
23	46	97 561	55 287,729	1 327 429,396	24,009	23,547
24	47	97 393	53 846,022	1 272 141,667	23,626	23,163
25	48	97 206	52 432,038	1 218 295,645	23,236	22,773
26	49	97 004	51 046,812	1 165 863,607	22,839	22,377
27	50	96 782	49 688,000	1 114 816,794	22,436	21,974
28	51	96 541	48 355,037	1 065 128,794	22,027	21,565
29	52	96 278	47 047,200	1 016 773,757	21,612	21,149
30	53	95 986	45 760,792	969 726,557	21,191	20,729
31	54	95 669	44 497,005	923 965,765	20,765	20,302
32	55	95 315	43 251,266	879 468,760	20,334	19,872
33	56	94 933	42 027,083	836 217,494	19,897	19,435
34	57	94 522	40 824,641	794 190,412	19,454	18,991
35	58	94 069	39 637,965	753 365,770	19,006	18,544
36	59	93 571	38 466,445	713 727,805	18,555	18,092
37	60	93 036	37 313,840	675 261,360	18,097	17,634
38	61	92 448	36 173,568	637 947,520	17,636	17,173
39	62	91 834	35 056,996	601 773,952	17,166	16,703
40	63	91 177	33 957,014	566 716,955	16,689	16,227
41	64	90 463	32 869,302	532 759,941	16,208	15,746
42	65	89 684	31 791,759	499 890,640	15,724	15,261
43	66	88 833	30 721,997	468 098,881	15,237	14,774
44	67	87 913	29 662,200	437 376,884	14,745	14,283
45	68	86 904	28 606,730	407 714,683	14,252	13,790
46	69	85 841	27 567,450	379 107,953	13,752	13,290
47	70	84 696	26 536,493	351 540,503	13,247	12,785
48	71	83 457	25 510,269	325 004,011	12,740	12,278
49	72	82 110	24 486,427	299 493,742	12,231	11,769
50	73	80 672	23 470,876	275 007,315	11,717	11,255
51	74	79 144	22 464,582	251 536,438	11,197	10,735
52	75	77 489	21 458,534	229 071,856	10,675	10,213
53	76	75 675	20 445,095	207 613,323	10,155	9,692
54	77	73 654	19 413,793	187 168,228	9,641	9,179
55	78	71 453	18 374,166	167 754,435	9,130	8,667
56	79	69 018	17 315,173	149 380,269	8,627	8,165
57	80	66 290	16 225,097	132 065,096	8,140	7,677
58	81	63 263	15 106,614	115 839,999	7,668	7,206
59	82	59 965	13 969,843	100 733,385	7,211	6,748
60	83	56 420	12 823,276	86 763,542	6,766	6,304
61	84	52 609	11 665,556	73 940,266	6,338	5,876
62	85	48 533	10 499,336	62 274,710	5,931	5,469
63	86	44 243	9 337,632	51 775,374	5,545	5,082
64	87	39 782	8 191,483	42 437,742	5,181	4,718
65	88	35 246	7 080,460	34 246,259	4,837	4,374
66	89	30 720	6 020,619	27 165,799	4,512	4,050
67	90	26 261	5 021,350	21 145,180	4,211	3,749
68	91	21 975	4 099,211	16 123,830	3,933	3,471
69	92	17 955	3 267,737	12 024,620	3,680	3,217
70	93	14 287	2 536,647	8 756,883	3,452	2,990
71	94	11 045	1 913,211	6 220,236	3,251	2,789
72	95	8 241	1 392,766	4 307,025	3,092	2,630
73	96	6 027	993,728	2 914,259	2,933	2,470
74	97	4 278	688,187	1 920,530	2,791	2,328
75	98	2 997	470,378	1 232,343	2,620	2,157
76	99	2 013	308,205	761,965	2,472	2,010
77	100	1 297	193,725	453,760	2,342	1,880

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	3 059 347,609	30,774	30,312
1	25	99 042	96 626,770	2 959 935,799	30,633	30,170
2	26	98 997	94 226,767	2 863 309,029	30,387	29,925
3	27	98 962	91 896,332	2 769 082,261	30,133	29,670
4	28	98 928	89 623,834	2 677 185,930	29,871	29,409
5	29	98 892	87 405,942	2 587 562,096	29,604	29,142
6	30	98 857	85 243,989	2 500 156,154	29,329	28,867
7	31	98 817	83 131,550	2 414 912,165	29,049	28,587
8	32	98 777	81 071,237	2 331 780,615	28,762	28,300
9	33	98 735	79 059,999	2 250 709,378	28,468	28,006
10	34	98 692	77 098,044	2 171 649,378	28,167	27,705
11	35	98 646	75 182,403	2 094 551,334	27,860	27,397
12	36	98 597	73 312,616	2 019 368,932	27,545	27,082
13	37	98 543	71 485,368	1 946 056,315	27,223	26,761
14	38	98 489	69 703,059	1 874 570,948	26,894	26,431
15	39	98 419	67 954,949	1 804 867,889	26,560	26,097
16	40	98 346	66 248,059	1 736 912,939	26,218	25,756
17	41	98 254	64 571,751	1 670 664,880	25,873	25,411
18	42	98 150	62 930,316	1 606 093,129	25,522	25,059
19	43	98 031	61 320,967	1 543 162,813	25,165	24,703
20	44	97 902	59 746,537	1 481 841,846	24,802	24,340
21	45	97 758	58 203,600	1 422 095,309	24,433	23,971
22	46	97 605	56 695,493	1 363 891,709	24,056	23,594
23	47	97 437	55 217,529	1 307 196,216	23,674	23,211
24	48	97 253	53 768,831	1 251 978,687	23,284	22,822
25	49	97 051	52 348,169	1 198 209,856	22,889	22,427
26	50	96 828	50 954,344	1 145 861,687	22,488	22,026
27	51	96 592	49 590,082	1 094 907,343	22,079	21,617
28	52	96 327	48 248,232	1 045 317,261	21,665	21,203
29	53	96 041	46 931,685	997 069,029	21,245	20,783
30	54	95 724	45 635,721	950 137,345	20,820	20,358
31	55	95 381	44 363,085	904 501,623	20,389	19,926
32	56	94 999	43 107,958	860 138,538	19,953	19,491
33	57	94 589	41 874,991	817 030,581	19,511	19,049
34	58	94 145	40 661,658	775 155,589	19,064	18,601
35	59	93 654	39 463,140	734 493,931	18,612	18,150
36	60	93 119	38 280,652	695 030,792	18,156	17,694
37	61	92 535	37 112,681	656 750,140	17,696	17,234
38	62	91 931	35 971,173	619 637,459	17,226	16,764
39	63	91 276	34 843,968	583 666,286	16,751	16,288
40	64	90 576	33 733,427	548 822,318	16,269	15,807
41	65	89 803	32 629,771	515 088,891	15,786	15,323
42	66	88 966	31 537,038	482 459,119	15,298	14,836
43	67	88 057	30 453,628	450 922,081	14,807	14,344
44	68	87 061	29 374,643	420 468,454	14,314	13,852
45	69	86 017	28 314,519	391 093,811	13,812	13,350
46	70	84 882	27 259,461	362 779,292	13,308	12,846
47	71	83 665	26 213,185	335 519,831	12,800	12,337
48	72	82 339	25 168,677	309 306,647	12,289	11,827
49	73	80 927	24 133,594	284 137,970	11,774	11,311
50	74	79 423	23 107,483	260 004,376	11,252	10,790
51	75	77 790	22 080,249	236 896,893	10,729	10,266
52	76	76 012	21 049,373	214 816,644	10,205	9,743
53	77	74 024	19 998,858	193 767,272	9,689	9,226
54	78	71 853	18 939,090	173 768,413	9,175	8,713
55	79	69 445	17 857,847	154 829,324	8,670	8,208
56	80	66 746	16 745,100	136 971,476	8,180	7,717
57	81	63 744	15 601,924	120 226,376	7,706	7,243
58	82	60 476	14 440,978	104 624,452	7,245	6,783
59	83	56 946	13 266,579	90 183,475	6,798	6,335
60	84	53 143	12 078,476	76 916,895	6,368	5,906
61	85	49 073	10 881,387	64 838,420	5,959	5,496
62	86	44 786	9 688,564	53 957,033	5,569	5,107
63	87	40 309	8 507,445	44 268,470	5,203	4,741
64	88	35 757	7 362,586	35 761,024	4,857	4,395
65	89	31 199	6 267,446	28 398,438	4,531	4,069
66	90	26 698	5 232,411	22 130,992	4,230	3,767
67	91	22 376	4 278,507	16 898,582	3,950	3,487
68	92	18 298	3 413,269	12 620,075	3,697	3,235
69	93	14 588	2 654,845	9 206,806	3,468	3,006
70	94	11 298	2 005,984	6 551,961	3,266	2,804
71	95	8 447	1 463,276	4 545,976	3,107	2,644
72	96	6 189	1 045,921	3 082,700	2,947	2,485
73	97	4 403	725,933	2 036,779	2,806	2,343
74	98	3 093	497,521	1 310,846	2,635	2,172
75	99	2 084	327,040	813,325	2,487	2,025
76	100	1 348	206,335	486,285	2,357	1,894

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	3 037 638,689	30,561	30,099
1	26	99 024	96 608,753	2 938 243,736	30,414	29,951
2	27	98 978	94 208,433	2 841 634,983	30,163	29,701
3	28	98 941	91 876,259	2 747 426,549	29,904	29,441
4	29	98 903	89 601,482	2 655 550,291	29,637	29,175
5	30	98 866	87 383,323	2 565 948,808	29,364	28,902
6	31	98 828	85 218,677	2 478 565,485	29,085	28,622
7	32	98 786	83 105,015	2 393 346,808	28,799	28,337
8	33	98 743	81 043,102	2 310 241,793	28,506	28,044
9	34	98 700	79 031,850	2 229 198,692	28,206	27,744
10	35	98 653	77 067,890	2 150 166,841	27,900	27,437
11	36	98 606	75 152,143	2 073 098,952	27,585	27,123
12	37	98 551	73 278,244	1 997 946,809	27,265	26,803
13	38	98 498	71 452,469	1 924 668,565	26,936	26,474
14	39	98 431	69 662,237	1 853 216,096	26,603	26,140
15	40	98 360	67 914,468	1 783 553,860	26,262	25,799
16	41	98 279	66 203,097	1 715 639,391	25,915	25,452
17	42	98 179	64 522,492	1 649 436,294	25,564	25,101
18	43	98 068	62 878,095	1 584 913,802	25,206	24,744
19	44	97 943	61 265,782	1 522 035,707	24,843	24,381
20	45	97 802	59 685,593	1 460 769,925	24,474	24,012
21	46	97 649	58 138,880	1 401 084,332	24,099	23,637
22	47	97 481	56 623,505	1 342 945,451	23,717	23,255
23	48	97 298	55 138,372	1 286 321,946	23,329	22,867
24	49	97 098	53 682,824	1 231 183,574	22,934	22,472
25	50	96 875	52 253,343	1 177 500,750	22,534	22,072
26	51	96 637	50 853,930	1 125 247,407	22,127	21,665
27	52	96 378	49 480,548	1 074 393,477	21,713	21,251
28	53	96 091	48 129,768	1 024 912,929	21,295	20,832
29	54	95 779	46 803,414	976 783,161	20,870	20,407
30	55	95 436	45 498,374	929 979,747	20,440	19,977
31	56	95 065	44 216,093	884 481,373	20,004	19,541
32	57	94 656	42 951,955	840 265,280	19,563	19,100
33	58	94 212	41 707,815	797 313,325	19,117	18,654
34	59	93 730	40 482,317	755 605,510	18,665	18,203
35	60	93 202	39 272,532	715 123,193	18,209	17,747
36	61	92 617	38 074,280	675 850,660	17,751	17,288
37	62	92 017	36 905,031	637 776,380	17,282	16,819
38	63	91 372	35 752,589	600 871,349	16,806	16,344
39	64	90 675	34 614,541	565 118,760	16,326	15,864
40	65	89 916	33 487,600	530 504,219	15,842	15,379
41	66	89 084	32 368,336	497 016,619	15,355	14,893
42	67	88 189	31 261,549	464 648,283	14,863	14,401
43	68	87 204	30 158,398	433 386,734	14,370	13,908
44	69	86 171	29 074,587	403 228,336	13,869	13,406
45	70	85 056	27 998,184	374 153,749	13,364	12,901
46	71	83 848	26 927,345	346 155,565	12,855	12,393
47	72	82 544	25 862,181	319 228,221	12,343	11,881
48	73	81 153	24 806,013	293 366,040	11,826	11,364
49	74	79 674	23 759,939	268 560,027	11,303	10,841
50	75	78 064	22 712,150	244 800,087	10,778	10,316
51	76	76 306	21 659,233	222 087,937	10,254	9,791
52	77	74 353	20 589,947	200 428,704	9,734	9,272
53	78	72 214	19 509,849	179 838,757	9,218	8,755
54	79	69 834	18 406,897	160 328,908	8,710	8,248
55	80	67 159	17 269,908	141 922,012	8,218	7,755
56	81	64 182	16 101,955	124 652,103	7,741	7,279
57	82	60 935	14 914,463	108 550,149	7,278	6,816
58	83	57 431	13 713,996	93 635,686	6,828	6,365
59	84	53 639	12 496,031	79 921,689	6,396	5,933
60	85	49 570	11 266,549	67 425,658	5,985	5,522
61	86	45 283	10 041,111	56 159,109	5,593	5,130
62	87	40 804	8 827,176	46 117,998	5,225	4,762
63	88	36 230	7 646,576	37 290,822	4,877	4,414
64	89	31 651	6 517,177	29 644,245	4,549	4,086
65	90	27 115	5 446,924	23 127,068	4,246	3,783
66	91	22 748	4 458,344	17 680,145	3,966	3,503
67	92	18 632	3 562,563	13 221,801	3,711	3,249
68	93	14 866	2 773,082	9 659,238	3,483	3,021
69	94	11 536	2 099,456	6 886,156	3,280	2,818
70	95	8 641	1 534,232	4 786,700	3,120	2,658
71	96	6 344	1 098,872	3 252,468	2,960	2,497
72	97	4 521	764,060	2 153,597	2,819	2,356
73	98	3 183	524,809	1 389,536	2,648	2,185
74	99	2 150	345,911	864,727	2,500	2,037
75	100	1 395	218,944	518,816	2,370	1,907

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	97 214,967	3 288 338,766	33,825	33,363
2	1	99 313	94 527,525	3 191 123,799	33,759	33,296
3	2	99 275	92 186,287	3 096 596,275	33,591	33,128
4	3	99 250	89 915,553	3 004 409,988	33,414	32,951
5	4	99 227	87 701,867	2 914 494,435	33,232	32,769
6	5	99 208	85 546,954	2 826 792,568	33,044	32,581
7	6	99 191	83 445,529	2 741 245,614	32,851	32,388
8	7	99 176	81 398,060	2 657 800,085	32,652	32,189
9	8	99 163	79 402,357	2 576 402,025	32,447	31,985
10	9	99 149	77 454,690	2 496 999,668	32,238	31,776
11	10	99 135	75 554,850	2 419 544,978	32,024	31,561
12	11	99 120	73 701,099	2 343 990,128	31,804	31,342
13	12	99 105	71 892,522	2 270 289,029	31,579	31,117
14	13	99 087	70 126,789	2 198 396,508	31,349	30,886
15	14	99 067	68 402,253	2 128 269,718	31,114	30,652
16	15	99 042	66 716,873	2 059 867,465	30,875	30,412
17	16	99 004	65 064,727	1 993 150,592	30,633	30,171
18	17	98 961	63 450,216	1 928 085,865	30,387	29,925
19	18	98 908	61 869,859	1 864 635,649	30,138	29,676
20	19	98 847	60 323,347	1 802 765,790	29,885	29,423
21	20	98 783	58 814,164	1 742 442,443	29,626	29,164
22	21	98 721	57 343,392	1 683 628,279	29,360	28,898
23	22	98 660	55 910,283	1 626 284,887	29,087	28,625
24	23	98 598	54 512,134	1 570 374,604	28,808	28,345
25	24	98 528	53 145,327	1 515 862,470	28,523	28,061
26	25	98 464	51 815,365	1 462 717,143	28,229	27,767
27	26	98 399	50 518,202	1 410 901,778	27,929	27,466
28	27	98 328	49 250,458	1 360 383,576	27,622	27,159
29	28	98 256	48 013,988	1 311 133,118	27,307	26,845
30	29	98 175	46 804,417	1 263 119,130	26,987	26,525
31	30	98 093	45 624,729	1 216 314,713	26,659	26,197
32	31	97 997	44 468,083	1 170 689,984	26,327	25,864
33	32	97 897	43 339,266	1 126 221,901	25,986	25,524
34	33	97 793	42 237,525	1 082 882,634	25,638	25,176
35	34	97 680	41 159,498	1 040 645,110	25,283	24,821
36	35	97 555	40 104,268	999 485,612	24,922	24,460
37	36	97 429	39 075,666	959 381,343	24,552	24,089
38	37	97 292	38 069,024	920 305,677	24,175	23,712
39	38	97 145	37 084,457	882 236,654	23,790	23,328
40	39	96 983	36 119,306	845 152,196	23,399	22,936
41	40	96 803	35 173,098	809 032,890	23,001	22,539
42	41	96 609	34 246,508	773 859,792	22,597	22,134
43	42	96 392	33 335,993	739 613,285	22,187	21,724
44	43	96 154	32 442,715	706 277,292	21,770	21,308
45	44	95 895	31 566,164	673 834,576	21,347	20,884
46	45	95 601	30 701,953	642 268,412	20,919	20,457
47	46	95 286	29 854,450	611 566,459	20,485	20,023
48	47	94 929	29 017,001	581 712,010	20,047	19,585
49	48	94 529	28 189,965	552 695,009	19,606	19,144
50	49	94 081	27 372,004	524 505,044	19,162	18,700
51	50	93 580	26 562,252	497 133,040	18,716	18,253
52	51	93 035	25 763,465	470 570,788	18,265	17,803
53	52	92 418	24 968,585	444 807,323	17,815	17,352
54	53	91 732	24 178,619	419 838,738	17,364	16,902
55	54	90 971	23 393,296	395 660,120	16,913	16,451
56	55	90 140	22 614,141	372 266,824	16,462	15,999
57	56	89 227	21 839,277	349 652,683	16,010	15,548
58	57	88 234	21 069,427	327 813,406	15,559	15,096
59	58	87 140	20 300,669	306 743,979	15,110	14,648
60	59	85 953	19 535,776	286 443,309	14,662	14,200
61	60	84 679	18 776,786	266 907,533	14,215	13,752
62	61	83 297	18 019,853	248 130,747	13,770	13,307
63	62	81 827	17 269,982	230 110,893	13,324	12,862
64	63	80 267	16 527,537	212 840,912	12,878	12,416
65	64	78 600	15 789,566	196 313,375	12,433	11,971
66	65	76 828	15 057,203	180 523,809	11,989	11,527
67	66	74 967	14 334,062	165 466,606	11,544	11,081
68	67	72 978	13 613,409	151 132,544	11,102	10,639
69	68	70 918	12 906,624	137 519,135	10,655	10,193
70	69	68 746	12 206,028	124 612,512	10,209	9,747
71	70	66 455	11 511,461	112 406,484	9,765	9,302
72	71	64 044	10 823,272	100 895,024	9,322	8,860
73	72	61 534	10 145,482	90 071,751	8,878	8,416
74	73	58 931	9 479,365	79 926,269	8,432	7,969
75	74	56 225	8 823,456	70 446,904	7,984	7,522
76	75	53 382	8 173,030	61 623,448	7,540	7,077
77	76	50 393	7 527,226	53 450,418	7,101	6,639
78	77	47 260	6 887,003	45 923,192	6,668	6,206
79	78	43 972	6 251,627	39 036,190	6,244	5,782
80	79	40 502	5 617,873	32 784,562	5,836	5,373
81	80	36 874	4 989,878	27 166,690	5,444	4,982
82	81	33 099	4 369,741	22 176,811	5,075	4,613
83	82	29 275	3 770,599	17 807,070	4,723	4,260
84	83	25 443	3 197,193	14 036,471	4,390	3,928
85	84	21 681	2 657,980	10 839,277	4,078	3,616
86	85	18 049	2 158,778	8 181,297	3,790	3,327
87	86	14 656	1 710,228	6 022,519	3,521	3,059
88	87	11 578	1 318,005	4 312,292	3,272	2,809
89	88	8 871	985,231	2 994,287	3,039	2,577
90	89	6 577	712,619	2 009,056	2,819	2,357
91	90	4 689	495,728	1 296,437	2,615	2,153
92	91	3 187	328,681	800,709	2,436	1,974
93	92	2 059	207,135	472,028	2,279	1,816
94	93	1 265	124,148	264,894	2,134	1,671
95	94	727	69,585	140,746	2,023	1,560
96	95	397	37,076	71,161	1,919	1,457
97	96	205	18,672	34,085	1,825	1,363
98	97	99	8,809	15,412	1,750	1,287
99	98	46	3,967	6,603	1,665	1,202
100	99	20	1,656	2,636	1,592	1,130

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	94 818,034	3 197 044,873	33,718	33,255
3	1	99 297	92 207,592	3 102 226,839	33,644	33,182
4	2	99 262	89 926,261	3 010 019,247	33,472	33,010
5	3	99 238	87 712,317	2 920 092,986	33,292	32,829
6	4	99 217	85 554,734	2 832 380,670	33,106	32,644
7	5	99 198	83 451,788	2 746 825,936	32,915	32,453
8	6	99 182	81 403,418	2 663 374,148	32,718	32,256
9	7	99 168	79 406,272	2 581 970,730	32,516	32,054
10	8	99 155	77 459,485	2 502 564,458	32,308	31,846
11	9	99 141	75 559,739	2 425 104,973	32,095	31,633
12	10	99 126	73 705,466	2 349 545,234	31,877	31,415
13	11	99 112	71 897,877	2 275 839,768	31,654	31,191
14	12	99 095	70 132,338	2 203 941,891	31,425	30,963
15	13	99 075	68 408,117	2 133 809,553	31,192	30,730
16	14	99 052	66 723,875	2 065 401,436	30,954	30,492
17	15	99 016	65 072,868	1 998 677,561	30,714	30,252
18	16	98 975	63 459,170	1 933 604,693	30,470	30,008
19	17	98 923	61 878,919	1 870 145,523	30,223	29,760
20	18	98 867	60 335,634	1 808 266,604	29,970	29,508
21	19	98 802	58 825,519	1 747 930,970	29,714	29,251
22	20	98 739	57 354,012	1 689 105,451	29,451	28,988
23	21	98 676	55 919,541	1 631 751,439	29,180	28,718
24	22	98 615	54 521,569	1 575 831,898	28,903	28,440
25	23	98 550	53 156,861	1 521 310,329	28,619	28,157
26	24	98 481	51 824,153	1 468 153,468	28,330	27,867
27	25	98 418	50 527,623	1 416 329,315	28,031	27,568
28	26	98 347	49 260,043	1 365 801,692	27,726	27,264
29	27	98 278	48 024,478	1 316 541,649	27,414	26,952
30	28	98 200	46 816,093	1 268 517,171	27,096	26,633
31	29	98 119	45 636,539	1 221 701,079	26,770	26,308
32	30	98 026	44 481,291	1 176 064,540	26,440	25,977
33	31	97 928	43 353,105	1 131 583,248	26,102	25,639
34	32	97 827	42 252,188	1 088 230,144	25,756	25,293
35	33	97 715	41 174,158	1 045 977,956	25,404	24,941
36	34	97 593	40 119,960	1 004 803,798	25,045	24,583
37	35	97 468	39 091,400	964 683,838	24,678	24,215
38	36	97 338	38 086,881	925 592,439	24,302	23,840
39	37	97 190	37 101,532	887 505,558	23,921	23,459
40	38	97 039	36 140,472	850 404,025	23,531	23,068
41	39	96 861	35 194,063	814 263,553	23,136	22,674
42	40	96 675	34 269,766	779 069,490	22,733	22,271
43	41	96 465	33 361,443	744 799,724	22,325	21,863
44	42	96 234	32 469,659	711 438,281	21,911	21,448
45	43	95 981	31 594,597	678 968,622	21,490	21,028
46	44	95 699	30 733,302	647 374,024	21,064	20,602
47	45	95 392	29 887,683	616 640,723	20,632	20,170
48	46	95 050	29 053,892	586 753,039	20,195	19,733
49	47	94 664	28 230,434	557 699,147	19,755	19,293
50	48	94 231	27 415,858	529 468,713	19,312	18,850
51	49	93 750	26 610,455	502 052,855	18,867	18,404
52	50	93 218	25 814,337	475 442,400	18,418	17,955
53	51	92 623	25 023,857	449 628,064	17,968	17,506
54	52	91 958	24 238,131	424 604,207	17,518	17,056
55	53	91 221	23 457,408	400 366,076	17,068	16,605
56	54	90 412	22 682,406	376 908,668	16,617	16,154
57	55	89 524	21 911,880	354 226,262	16,166	15,704
58	56	88 555	21 145,952	332 314,382	15,715	15,253
59	57	87 489	20 382,040	311 168,430	15,267	14,804
60	58	86 334	19 622,321	290 786,389	14,819	14,357
61	59	85 090	18 867,919	271 164,068	14,372	13,909
62	60	83 749	18 117,525	252 296,149	13,926	13,463
63	61	82 287	17 367,153	234 178,624	13,484	13,022
64	62	80 757	16 628,583	216 811,471	13,038	12,576
65	63	79 121	15 894,220	200 182,888	12,595	12,132
66	64	77 392	15 167,735	184 288,668	12,150	11,688
67	65	75 572	14 449,836	169 120,933	11,704	11,242
68	66	73 621	13 733,376	154 671,097	11,262	10,800
69	67	71 613	13 032,971	140 937,721	10,814	10,352
70	68	69 455	12 331,996	127 904,751	10,372	9,909
71	69	67 205	11 641,522	115 572,754	9,928	9,465
72	70	64 834	10 956,764	103 931,233	9,486	9,023
73	71	62 369	10 283,178	92 974,468	9,041	8,579
74	72	59 793	9 617,954	82 691,290	8,598	8,135
75	73	57 109	8 962,216	73 073,337	8,153	7,691
76	74	54 311	8 315,291	64 111,121	7,710	7,248
77	75	51 373	7 673,541	55 795,830	7,271	6,809
78	76	48 314	7 040,673	48 122,289	6,835	6,372
79	77	45 074	6 408,323	41 081,616	6,411	5,948
80	78	41 673	5 780,300	34 673,293	5,999	5,536
81	79	38 130	5 159,755	28 892,993	5,600	5,137
82	80	34 421	4 544,278	23 733,238	5,223	4,760
83	81	30 624	3 944,400	19 188,960	4,865	4,402
84	82	26 792	3 366,677	15 244,560	4,528	4,066
85	83	23 018	2 821,880	11 877,883	4,209	3,747
86	84	19 350	2 314,350	9 056,003	3,913	3,451
87	85	15 883	1 853,346	6 741,652	3,638	3,175
88	86	12 707	1 446,620	4 888,307	3,379	2,917
89	87	9 869	1 096,151	3 441,687	3,140	2,677
90	88	7 430	805,060	2 345,536	2,913	2,451
91	89	5 396	570,404	1 540,476	2,701	2,238
92	90	3 740	385,747	970,072	2,515	2,052
93	91	2 472	248,761	584,325	2,349	1,887
94	92	1 557	152,808	335,564	2,196	1,734
95	93	919	87,993	182,756	2,077	1,615
96	94	519	48,477	94,763	1,955	1,492
97	95	273	24,864	46,286	1,862	1,399
98	96	136	12,059	21,422	1,776	1,314
99	97	63	5,487	9,362	1,706	1,244
100	98	28	2,381	3,876	1,628	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	92 490,971	3 107 708,071	33,600	33,138
4	1	99 285	89 947,044	3 015 217,100	33,522	33,060
5	2	99 250	87 722,763	2 925 270,055	33,347	32,884
6	3	99 229	85 564,928	2 837 547,293	33,163	32,700
7	4	99 207	83 459,377	2 751 982,365	32,974	32,511
8	5	99 190	81 409,523	2 668 522,988	32,779	32,317
9	6	99 174	79 411,499	2 587 113,465	32,579	32,116
10	7	99 160	77 463,304	2 507 701,966	32,373	31,910
11	8	99 147	75 564,418	2 430 238,662	32,161	31,699
12	9	99 132	73 710,236	2 354 674,245	31,945	31,483
13	10	99 118	71 902,137	2 280 964,009	31,723	31,261
14	11	99 103	70 137,562	2 209 061,872	31,496	31,034
15	12	99 083	68 413,529	2 138 924,310	31,265	30,802
16	13	99 060	66 729,595	2 070 510,780	31,028	30,566
17	14	99 026	65 079,697	2 003 781,185	30,790	30,327
18	15	98 987	63 467,110	1 938 701,488	30,547	30,084
19	16	98 937	61 887,652	1 875 234,378	30,301	29,838
20	17	98 881	60 344,470	1 813 346,726	30,050	29,588
21	18	98 822	58 837,501	1 753 002,257	29,794	29,332
22	19	98 758	57 365,085	1 694 164,756	29,533	29,071
23	20	98 694	55 929,897	1 636 799,671	29,265	28,803
24	21	98 631	54 530,597	1 580 869,774	28,991	28,528
25	22	98 567	53 166,062	1 526 339,177	28,709	28,246
26	23	98 502	51 835,401	1 473 173,116	28,420	27,958
27	24	98 434	50 536,193	1 421 337,715	28,125	27,663
28	25	98 366	49 269,229	1 370 801,522	27,823	27,360
29	26	98 297	48 033,824	1 321 532,293	27,513	27,050
30	27	98 221	46 826,321	1 273 498,469	27,196	26,734
31	28	98 143	45 647,923	1 226 672,148	26,872	26,410
32	29	98 051	44 492,805	1 181 024,225	26,544	26,082
33	30	97 957	43 365,981	1 136 531,420	26,208	25,745
34	31	97 859	42 265,679	1 093 165,439	25,864	25,402
35	32	97 749	41 188,452	1 050 899,760	25,514	25,052
36	33	97 628	40 134,249	1 009 711,307	25,158	24,696
37	34	97 507	39 106,695	969 577,058	24,793	24,331
38	35	97 377	38 102,216	930 470,363	24,420	23,958
39	36	97 236	37 118,935	892 368,147	24,041	23,578
40	37	97 084	36 157,112	855 249,211	23,654	23,191
41	38	96 918	35 214,687	819 092,099	23,260	22,798
42	39	96 732	34 290,193	783 877,412	22,860	22,398
43	40	96 531	33 384,101	749 587,219	22,453	21,991
44	41	96 307	32 494,448	716 203,118	22,041	21,578
45	42	96 061	31 620,837	683 708,670	21,622	21,160
46	43	95 785	30 760,985	652 087,834	21,199	20,736
47	44	95 490	29 918,201	621 326,849	20,768	20,305
48	45	95 155	29 086,235	591 408,648	20,333	19,871
49	46	94 785	28 266,325	562 322,413	19,894	19,431
50	47	94 367	27 455,216	534 056,088	19,452	18,989
51	48	93 900	26 653,089	506 600,873	19,007	18,545
52	49	93 388	25 861,183	479 947,784	18,559	18,096
53	50	92 806	25 073,268	454 086,601	18,110	17,648
54	51	92 161	24 291,786	429 013,333	17,661	17,198
55	52	91 445	23 515,145	404 721,547	17,211	16,749
56	53	90 660	22 744,571	381 206,402	16,760	16,298
57	54	89 794	21 978,026	358 461,832	16,310	15,848
58	55	88 849	21 216,250	336 483,806	15,860	15,397
59	56	87 807	20 456,068	315 267,556	15,412	14,950
60	57	86 680	19 700,973	294 811,488	14,964	14,502
61	58	85 467	18 951,505	275 110,515	14,517	14,054
62	59	84 155	18 205,458	256 159,009	14,070	13,608
63	60	82 733	17 461,287	237 953,552	13,627	13,165
64	61	81 212	16 722,145	220 492,265	13,186	12,723
65	62	79 604	15 991,394	203 770,120	12,742	12,280
66	63	77 905	15 268,268	187 778,726	12,299	11,836
67	64	76 127	14 555,910	172 510,458	11,852	11,389
68	65	74 215	13 844,298	157 954,547	11,409	10,947
69	66	72 244	13 147,822	144 110,249	10,961	10,498
70	67	70 135	12 452,718	130 962,427	10,517	10,054
71	68	67 899	11 761,665	118 509,709	10,076	9,614
72	69	65 566	11 080,559	106 748,044	9,634	9,171
73	70	63 138	10 410,008	95 667,486	9,190	8,728
74	71	60 604	9 748,489	85 257,477	8,746	8,283
75	72	57 944	9 093,243	75 508,988	8,304	7,841
76	73	55 166	8 446,059	66 415,745	7,864	7,401
77	74	52 267	7 807,108	57 969,685	7,425	6,963
78	75	49 253	7 177,531	50 162,577	6,989	6,526
79	76	46 080	6 551,312	42 985,046	6,561	6,099
80	77	42 718	5 925,182	36 433,734	6,149	5,687
81	78	39 232	5 308,937	30 508,551	5,747	5,284
82	79	35 593	4 698,984	25 199,614	5,363	4,900
83	80	31 847	4 101,947	20 500,630	4,998	4,535
84	81	28 027	3 521,859	16 398,683	4,656	4,194
85	82	24 238	2 971,469	12 876,824	4,333	3,871
86	83	20 543	2 457,061	9 905,355	4,031	3,569
87	84	17 028	1 986,907	7 448,294	3,749	3,286
88	85	13 771	1 567,679	5 461,387	3,484	3,021
89	86	10 833	1 203,117	3 893,708	3,236	2,774
90	87	8 266	895,695	2 690,591	3,004	2,541
91	88	6 096	644,397	1 794,896	2,785	2,323
92	89	4 304	443,856	1 150,499	2,592	2,130
93	90	2 902	291,951	706,643	2,420	1,958
94	91	1 869	183,517	414,692	2,260	1,797
95	92	1 131	108,307	231,175	2,134	1,672
96	93	656	61,301	122,868	2,004	1,542
97	94	357	32,510	61,567	1,894	1,431
98	95	181	16,058	29,057	1,810	1,347
99	96	87	7,511	12,999	1,731	1,268
100	97	39	3,294	5,488	1,666	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	90 223,476	3 020 284,384	33,476	33,013
5	1	99 273	87 743,036	2 930 060,908	33,394	32,931
6	2	99 241	85 575,118	2 842 317,871	33,214	32,752
7	3	99 219	83 469,321	2 756 742,754	33,027	32,565
8	4	99 199	81 416,927	2 673 273,432	32,834	32,372
9	5	99 182	79 417,455	2 591 856,506	32,636	32,173
10	6	99 166	77 468,403	2 512 439,051	32,432	31,969
11	7	99 152	75 568,143	2 434 970,647	32,222	31,760
12	8	99 138	73 714,799	2 359 402,505	32,007	31,545
13	9	99 124	71 906,790	2 285 687,705	31,787	31,324
14	10	99 108	70 141,718	2 213 780,915	31,562	31,099
15	11	99 091	68 418,625	2 143 639,197	31,331	30,869
16	12	99 068	66 734,875	2 075 220,572	31,096	30,634
17	13	99 035	65 085,276	2 008 485,697	30,859	30,397
18	14	98 997	63 473,771	1 943 400,421	30,617	30,155
19	15	98 949	61 895,395	1 879 926,650	30,373	29,910
20	16	98 895	60 352,985	1 818 031,255	30,123	29,661
21	17	98 837	58 846,117	1 757 678,270	29,869	29,407
22	18	98 778	57 376,769	1 698 832,153	29,608	29,146
23	19	98 714	55 940,695	1 641 455,383	29,343	28,880
24	20	98 649	54 540,696	1 585 514,688	29,070	28,608
25	21	98 583	53 174,865	1 530 973,992	28,791	28,329
26	22	98 519	51 844,372	1 477 799,127	28,505	28,042
27	23	98 456	50 547,161	1 425 954,755	28,210	27,748
28	24	98 382	49 277,585	1 375 407,595	27,911	27,449
29	25	98 315	48 042,782	1 326 130,009	27,603	27,141
30	26	98 240	46 835,434	1 278 087,227	27,289	26,826
31	27	98 165	45 657,896	1 231 251,794	26,967	26,504
32	28	98 076	44 503,904	1 185 593,897	26,640	26,178
33	29	97 983	43 377,207	1 141 089,993	26,306	25,844
34	30	97 888	42 278,233	1 097 712,787	25,964	25,502
35	31	97 780	41 201,604	1 055 434,554	25,616	25,154
36	32	97 662	40 148,183	1 014 232,950	25,262	24,800
37	33	97 541	39 120,624	974 084,767	24,900	24,437
38	34	97 415	38 117,125	934 964,144	24,529	24,066
39	35	97 275	37 133,881	896 847,019	24,152	23,689
40	36	97 130	36 174,073	859 713,138	23,766	23,304
41	37	96 962	35 230,901	823 539,066	23,375	22,913
42	38	96 789	34 310,287	788 308,165	22,976	22,513
43	39	96 588	33 404,000	753 997,877	22,572	22,110
44	40	96 373	32 516,517	720 593,878	22,161	21,698
45	41	96 134	31 644,977	688 077,361	21,744	21,281
46	42	95 865	30 786,532	656 432,384	21,322	20,860
47	43	95 576	29 945,150	625 645,852	20,893	20,431
48	44	95 252	29 115,934	595 700,702	20,460	19,997
49	45	94 890	28 297,791	566 584,768	20,022	19,560
50	46	94 487	27 490,121	538 286,977	19,581	19,119
51	47	94 035	26 691,352	510 796,857	19,137	18,675
52	48	93 537	25 902,616	484 105,505	18,689	18,227
53	49	92 974	25 118,769	458 202,889	18,241	17,779
54	50	92 343	24 339,751	433 084,119	17,793	17,331
55	51	91 647	23 567,199	408 744,368	17,344	16,881
56	52	90 883	22 800,553	385 177,168	16,893	16,431
57	53	90 040	22 038,260	362 376,616	16,443	15,981
58	54	89 117	21 280,296	340 338,356	15,993	15,531
59	55	88 099	20 524,073	319 058,060	15,546	15,083
60	56	86 995	19 772,528	298 533,988	15,098	14,636
61	57	85 810	19 027,468	278 761,460	14,650	14,188
62	58	84 528	18 286,110	259 733,992	14,204	13,741
63	59	83 135	17 546,034	241 447,882	13,761	13,298
64	60	81 652	16 812,783	223 901,848	13,317	12,855
65	61	80 052	16 081,371	207 089,065	12,878	12,415
66	62	78 381	15 361,615	191 007,694	12,434	11,972
67	63	76 632	14 652,388	175 646,079	11,988	11,525
68	64	74 760	13 945,927	160 993,691	11,544	11,082
69	65	72 827	13 254,016	147 047,764	11,095	10,632
70	66	70 753	12 562,456	133 793,748	10,650	10,188
71	67	68 564	11 876,803	121 231,292	10,207	9,745
72	68	66 243	11 194,912	109 354,489	9,768	9,306
73	69	63 852	10 527,625	98 159,577	9,324	8,862
74	70	61 352	9 868,725	87 631,952	8,880	8,417
75	71	58 730	9 216,658	77 763,226	8,437	7,975
76	72	55 972	8 569,541	68 546,569	7,999	7,536
77	73	53 089	7 929,885	59 977,028	7,563	7,101
78	74	50 111	7 302,464	52 047,143	7,127	6,665
79	75	46 976	6 678,658	44 744,679	6,700	6,237
80	76	43 671	6 057,391	38 066,021	6,284	5,822
81	77	40 215	5 442,004	32 008,630	5,882	5,419
82	78	36 622	4 834,844	26 566,625	5,495	5,032
83	79	32 931	4 241,594	21 731,781	5,123	4,661
84	80	29 146	3 662,530	17 490,187	4,775	4,313
85	81	25 355	3 108,434	13 827,657	4,448	3,986
86	82	21 632	2 587,310	10 719,223	4,143	3,681
87	83	18 078	2 109,427	8 131,912	3,855	3,393
88	84	14 763	1 680,654	6 022,485	3,583	3,121
89	85	11 739	1 303,798	4 341,832	3,330	2,868
90	86	9 073	983,100	3 038,034	3,090	2,628
91	87	6 782	716,945	2 054,933	2,866	2,404
92	88	4 862	501,433	1 337,988	2,668	2,206
93	89	3 339	335,931	836,556	2,490	2,028
94	90	2 194	215,379	500,625	2,324	1,862
95	91	1 358	130,073	285,245	2,193	1,731
96	92	808	75,452	155,173	2,057	1,594
97	93	451	41,110	79,720	1,939	1,477
98	94	236	20,996	38,610	1,839	1,377
99	95	115	10,002	17,615	1,761	1,299
100	96	53	4,509	7,613	1,688	1,226

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	88 012,695	2 934 740,310	33,345	32,882
6	1	99 264	85 594,895	2 846 727,615	33,258	32,796
7	2	99 231	83 479,262	2 761 132,720	33,076	32,613
8	3	99 210	81 426,628	2 677 653,458	32,884	32,422
9	4	99 191	79 424,677	2 596 226,831	32,688	32,225
10	5	99 174	77 474,213	2 516 802,154	32,486	32,023
11	6	99 158	75 573,117	2 439 327,940	32,278	31,815
12	7	99 143	73 718,433	2 363 754,823	32,065	31,602
13	8	99 130	71 911,242	2 290 036,389	31,845	31,383
14	9	99 115	70 146,257	2 218 125,147	31,621	31,159
15	10	99 096	68 422,680	2 147 978,890	31,393	30,930
16	11	99 076	66 739,846	2 079 556,210	31,159	30,697
17	12	99 043	65 090,426	2 012 816,364	30,923	30,461
18	13	99 006	63 479,212	1 947 725,939	30,683	30,220
19	14	98 959	61 901,891	1 884 246,727	30,439	29,977
20	15	98 908	60 360,537	1 822 344,836	30,191	29,729
21	16	98 851	58 854,421	1 761 984,299	29,938	29,476
22	17	98 793	57 385,171	1 703 129,878	29,679	29,217
23	18	98 734	55 952,089	1 645 744,706	29,413	28,951
24	19	98 668	54 551,226	1 589 792,617	29,143	28,681
25	20	98 601	53 184,713	1 535 241,391	28,866	28,404
26	21	98 536	51 852,957	1 482 056,678	28,582	28,119
27	22	98 473	50 555,909	1 430 203,722	28,290	27,827
28	23	98 404	49 288,280	1 379 647,812	27,991	27,529
29	24	98 332	48 050,930	1 330 359,532	27,686	27,224
30	25	98 259	46 844,168	1 282 308,602	27,374	26,912
31	26	98 184	45 666,782	1 235 464,434	27,054	26,591
32	27	98 097	44 513,627	1 189 797,652	26,729	26,266
33	28	98 007	43 388,027	1 145 284,025	26,396	25,934
34	29	97 913	42 289,177	1 101 895,998	26,056	25,594
35	30	97 809	41 213,841	1 059 606,821	25,710	25,248
36	31	97 693	40 161,002	1 018 392,980	25,358	24,895
37	32	97 575	39 134,205	978 231,978	24,997	24,534
38	33	97 450	38 130,701	939 097,773	24,628	24,166
39	34	97 313	37 148,411	900 967,072	24,253	23,791
40	35	97 169	36 188,638	863 818,662	23,870	23,407
41	36	97 008	35 247,427	827 630,024	23,481	23,018
42	37	96 834	34 326,085	792 382,597	23,084	22,622
43	38	96 645	33 423,575	758 056,512	22,680	22,218
44	39	96 430	32 535,898	724 632,937	22,272	21,809
45	40	96 200	31 666,469	692 097,039	21,856	21,393
46	41	95 938	30 810,035	660 430,570	21,436	20,973
47	42	95 655	29 970,019	629 620,534	21,008	20,546
48	43	95 338	29 142,160	599 650,515	20,577	20,114
49	44	94 987	28 326,685	570 508,355	20,140	19,678
50	45	94 592	27 520,723	542 181,670	19,701	19,238
51	46	94 154	26 725,286	514 660,947	19,257	18,795
52	47	93 672	25 939,802	487 935,662	18,810	18,348
53	48	93 123	25 159,013	461 995,860	18,363	17,901
54	49	92 511	24 383,922	436 836,846	17,915	17,453
55	50	91 828	23 613,734	412 452,925	17,467	17,004
56	51	91 084	22 851,026	388 839,191	17,016	16,554
57	52	90 262	22 092,503	365 988,165	16,566	16,104
58	53	89 362	21 338,617	343 895,662	16,116	15,654
59	54	88 365	20 586,029	322 557,045	15,669	15,206
60	55	87 284	19 838,260	301 971,016	15,222	14,759
61	56	86 121	19 096,577	282 132,756	14,774	14,312
62	57	84 867	18 359,406	263 036,179	14,327	13,865
63	58	83 503	17 623,765	244 676,774	13,883	13,421
64	59	82 048	16 894,383	227 053,009	13,440	12,977
65	60	80 486	16 168,536	210 158,626	12,998	12,536
66	61	78 822	15 448,048	193 990,090	12,558	12,095
67	62	77 100	14 741,969	178 542,042	12,111	11,649
68	63	75 256	14 038,362	163 800,072	11,668	11,206
69	64	73 362	13 351,311	149 761,711	11,217	10,755
70	65	71 325	12 663,922	136 410,399	10,772	10,309
71	66	69 168	11 981,466	123 746,478	10,328	9,866
72	67	66 891	11 304,503	111 765,011	9,887	9,424
73	68	64 511	10 636,272	100 460,509	9,445	8,983
74	69	62 045	9 980,226	89 824,237	9,000	8,538
75	70	59 455	9 330,334	79 844,010	8,557	8,095
76	71	56 732	8 685,847	70 513,676	8,118	7,656
77	72	53 865	8 045,820	61 827,829	7,684	7,222
78	73	50 899	7 417,305	53 782,009	7,251	6,788
79	74	47 794	6 794,908	46 364,705	6,823	6,361
80	75	44 520	6 175,136	39 569,797	6,408	5,946
81	76	41 113	5 563,432	33 394,661	6,003	5,540
82	77	37 540	4 956,029	27 831,229	5,616	5,153
83	78	33 884	4 364,230	22 875,200	5,242	4,779
84	79	30 139	3 787,217	18 510,970	4,888	4,425
85	80	26 368	3 232,592	14 723,753	4,555	4,092
86	81	22 629	2 706,569	11 491,161	4,246	3,783
87	82	19 036	2 221,248	8 784,592	3,955	3,492
88	83	15 673	1 784,289	6 563,344	3,678	3,216
89	84	12 585	1 397,756	4 779,055	3,419	2,957
90	85	9 832	1 065,370	3 381,299	3,174	2,711
91	86	7 444	786,907	2 315,930	2,943	2,481
92	87	5 409	557,885	1 529,022	2,741	2,278
93	88	3 772	379,508	971,137	2,559	2,097
94	89	2 525	247,824	591,629	2,387	1,925
95	90	1 594	152,656	343,805	2,252	1,790
96	91	970	90,616	191,149	2,109	1,647
97	92	555	50,600	100,533	1,987	1,524
98	93	299	26,550	49,933	1,881	1,418
99	94	151	13,077	23,383	1,788	1,326
100	95	71	6,004	10,306	1,717	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	85 857,952	2 851 045,039	33,207	32,744
7	1	99 254	83 498,555	2 765 187,087	33,117	32,654
8	2	99 222	81 436,325	2 681 688,532	32,930	32,467
9	3	99 202	79 434,141	2 600 252,207	32,735	32,272
10	4	99 183	77 481,259	2 520 818,067	32,535	32,072
11	5	99 166	75 578,785	2 443 336,808	32,328	31,866
12	6	99 150	73 723,286	2 367 758,022	32,117	31,654
13	7	99 135	71 914,787	2 294 034,736	31,899	31,437
14	8	99 121	70 150,600	2 222 119,949	31,676	31,214
15	9	99 103	68 427,107	2 151 969,348	31,449	30,987
16	10	99 082	66 743,801	2 083 542,241	31,217	30,755
17	11	99 050	65 095,274	2 016 798,440	30,982	30,520
18	12	99 014	63 484,235	1 951 703,166	30,743	30,281
19	13	98 968	61 907,197	1 888 218,931	30,501	30,038
20	14	98 918	60 366,871	1 826 311,734	30,254	29,791
21	15	98 863	58 861,785	1 765 944,863	30,002	29,539
22	16	98 807	57 393,270	1 707 083,077	29,744	29,281
23	17	98 748	55 960,283	1 649 689,808	29,480	29,017
24	18	98 688	54 562,337	1 593 729,525	29,209	28,747
25	19	98 621	53 194,981	1 539 167,188	28,934	28,472
26	20	98 554	51 862,560	1 485 972,207	28,652	28,190
27	21	98 489	50 564,281	1 434 109,647	28,362	27,900
28	22	98 421	49 296,811	1 383 545,366	28,066	27,603
29	23	98 353	48 061,358	1 334 248,556	27,761	27,299
30	24	98 275	46 852,113	1 286 187,197	27,452	26,990
31	25	98 202	45 675,298	1 239 335,084	27,134	26,671
32	26	98 116	44 522,290	1 193 659,786	26,810	26,348
33	27	98 028	43 397,507	1 149 137,496	26,479	26,017
34	28	97 937	42 299,726	1 105 739,989	26,141	25,678
35	29	97 834	41 224,509	1 063 440,263	25,796	25,334
36	30	97 722	40 172,931	1 022 215,754	25,445	24,983
37	31	97 606	39 146,700	982 042,823	25,086	24,624
38	32	97 484	38 143,939	942 896,123	24,719	24,257
39	33	97 348	37 161,642	904 752,184	24,346	23,884
40	34	97 207	36 202,797	867 590,542	23,965	23,502
41	35	97 047	35 261,619	831 387,745	23,578	23,115
42	36	96 879	34 342,186	796 126,126	23,182	22,720
43	37	96 689	33 438,964	761 783,940	22,781	22,319
44	38	96 487	32 554,965	728 344,976	22,373	21,910
45	39	96 257	31 685,344	695 790,011	21,959	21,497
46	40	96 003	30 830,960	664 104,667	21,540	21,078
47	41	95 728	29 992,900	633 273,707	21,114	20,652
48	42	95 417	29 166,363	603 280,807	20,684	20,222
49	43	95 073	28 352,200	574 114,445	20,249	19,787
50	44	94 688	27 548,824	545 762,245	19,811	19,348
51	45	94 259	26 755,036	518 213,421	19,369	18,906
52	46	93 791	25 972,780	491 458,385	18,922	18,460
53	47	93 257	25 195,131	465 485,604	18,475	18,013
54	48	92 659	24 422,988	440 290,473	18,028	17,565
55	49	91 995	23 656,587	415 867,485	17,579	17,117
56	50	91 264	22 896,146	392 210,898	17,130	16,668
57	51	90 462	22 141,409	369 314,752	16,680	16,217
58	52	89 581	21 391,139	347 173,343	16,230	15,767
59	53	88 607	20 642,448	325 782,204	15,782	15,320
60	54	87 548	19 898,146	305 139,756	15,335	14,873
61	55	86 408	19 160,061	285 241,611	14,887	14,425
62	56	85 175	18 426,088	266 081,549	14,440	13,978
63	57	83 838	17 694,406	247 655,462	13,996	13,534
64	58	82 412	16 969,227	229 961,056	13,552	13,089
65	59	80 877	16 247,009	212 991,829	13,110	12,647
66	60	79 249	15 531,780	196 744,820	12,667	12,205
67	61	77 534	14 824,916	181 213,040	12,224	11,761
68	62	75 716	14 124,189	166 388,123	11,780	11,318
69	63	73 848	13 439,805	152 263,934	11,329	10,867
70	64	71 848	12 756,886	138 824,130	10,882	10,420
71	65	69 727	12 078,239	126 067,244	10,438	9,975
72	66	67 481	11 404,122	113 989,005	9,995	9,533
73	67	65 142	10 740,394	102 584,882	9,551	9,089
74	68	62 685	10 083,224	91 844,489	9,109	8,646
75	69	60 127	9 435,752	81 761,264	8,665	8,203
76	70	57 431	8 792,977	72 325,512	8,225	7,763
77	71	54 596	8 155,018	63 532,535	7,791	7,328
78	72	51 643	7 525,746	55 377,517	7,358	6,896
79	73	48 545	6 901,766	47 851,772	6,933	6,471
80	74	45 295	6 282,622	40 950,005	6,518	6,056
81	75	41 912	5 671,575	34 667,383	6,112	5,650
82	76	38 377	5 066,613	28 995,808	5,723	5,260
83	77	34 733	4 473,619	23 929,196	5,349	4,887
84	78	31 010	3 896,716	19 455,577	4,993	4,530
85	79	27 266	3 342,642	15 558,861	4,655	4,192
86	80	23 533	2 814,675	12 216,219	4,340	3,878
87	81	19 913	2 323,633	9 401,544	4,046	3,584
88	82	16 504	1 878,874	7 077,911	3,767	3,305
89	83	13 361	1 483,947	5 199,037	3,504	3,041
90	84	10 541	1 142,146	3 715,090	3,253	2,790
91	85	8 067	852,758	2 572,944	3,017	2,555
92	86	5 937	612,326	1 720,186	2,809	2,347
93	87	4 196	422,234	1 107,860	2,624	2,161
94	88	2 852	279,972	685,626	2,449	1,986
95	89	1 834	175,652	405,655	2,309	1,847
96	90	1 138	106,348	230,002	2,163	1,700
97	91	667	60,769	123,654	2,035	1,572
98	92	367	32,679	62,885	1,924	1,462
99	93	191	16,537	30,205	1,827	1,364
100	94	93	7,850	13,669	1,741	1,279

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	83 755,169	2 769 167,956	33,063	32,600
8	1	99 245	81 455,146	2 685 412,787	32,968	32,506
9	2	99 214	79 443,601	2 603 957,641	32,777	32,315
10	3	99 194	77 490,491	2 524 514,041	32,578	32,116
11	4	99 175	75 585,658	2 447 023,550	32,374	31,912
12	5	99 157	73 728,816	2 371 437,891	32,164	31,702
13	6	99 142	71 919,522	2 297 709,076	31,948	31,486
14	7	99 126	70 154,059	2 225 789,554	31,727	31,265
15	8	99 109	68 431,344	2 155 635,495	31,501	31,038
16	9	99 088	66 748,120	2 087 204,151	31,270	30,807
17	10	99 056	65 099,132	2 020 456,032	31,037	30,574
18	11	99 021	63 488,963	1 955 356,900	30,798	30,336
19	12	98 976	61 912,096	1 891 867,937	30,557	30,095
20	13	98 927	60 372,046	1 829 955,841	30,311	29,849
21	14	98 874	58 867,963	1 769 583,795	30,060	29,598
22	15	98 819	57 400,451	1 710 715,832	29,803	29,341
23	16	98 762	55 968,180	1 653 315,381	29,540	29,078
24	17	98 703	54 570,327	1 597 347,201	29,271	28,809
25	18	98 641	53 205,816	1 542 776,874	28,996	28,534
26	19	98 573	51 872,573	1 489 571,058	28,716	28,254
27	20	98 507	50 573,645	1 437 698,486	28,428	27,965
28	21	98 437	49 304,974	1 387 124,840	28,134	27,671
29	22	98 370	48 069,677	1 337 819,867	27,831	27,368
30	23	98 297	46 862,282	1 289 750,190	27,522	27,060
31	24	98 219	45 683,045	1 242 887,909	27,207	26,744
32	25	98 135	44 530,593	1 197 204,864	26,885	26,423
33	26	98 048	43 405,952	1 152 674,271	26,556	26,093
34	27	97 959	42 308,967	1 109 268,318	26,218	25,756
35	28	97 859	41 234,793	1 066 959,351	25,875	25,413
36	29	97 747	40 183,329	1 025 724,558	25,526	25,064
37	30	97 635	39 158,328	985 541,229	25,168	24,706
38	31	97 515	38 156,118	946 382,901	24,803	24,340
39	32	97 381	37 174,543	908 226,783	24,431	23,969
40	33	97 241	36 215,692	871 052,240	24,052	23,589
41	34	97 085	35 275,416	834 836,548	23,666	23,204
42	35	96 918	34 356,014	799 561,132	23,273	22,810
43	36	96 735	33 454,649	765 205,119	22,873	22,410
44	37	96 531	32 569,954	731 750,469	22,467	22,005
45	38	96 313	31 703,912	699 180,515	22,053	21,591
46	39	96 060	30 849,337	667 476,603	21,637	21,174
47	40	95 793	30 013,269	636 627,266	21,212	20,749
48	41	95 490	29 188,629	606 613,996	20,783	20,320
49	42	95 152	28 375,747	577 425,367	20,349	19,887
50	43	94 774	27 573,638	549 049,620	19,912	19,450
51	44	94 355	26 782,355	521 475,982	19,471	19,008
52	45	93 895	26 001,693	494 693,627	19,025	18,563
53	46	93 376	25 227,163	468 691,934	18,579	18,116
54	47	92 792	24 458,050	443 464,771	18,132	17,669
55	48	92 142	23 694,488	419 006,721	17,684	17,221
56	49	91 429	22 937,697	395 312,233	17,234	16,772
57	50	90 640	22 185,128	372 374,536	16,785	16,322
58	51	89 780	21 438,492	350 189,408	16,335	15,872
59	52	88 825	20 693,256	328 750,916	15,887	15,424
60	53	87 788	19 952,679	308 057,660	15,439	14,977
61	54	86 669	19 217,900	288 104,981	14,991	14,529
62	55	85 458	18 487,343	268 887,081	14,544	14,082
63	56	84 142	17 758,673	250 399,738	14,100	13,638
64	57	82 742	17 037,244	232 641,065	13,655	13,192
65	58	81 235	16 318,985	215 603,821	13,212	12,749
66	59	79 634	15 607,163	199 284,836	12,769	12,306
67	60	77 954	14 905,271	183 677,673	12,323	11,861
68	61	76 142	14 203,660	168 772,402	11,882	11,420
69	62	74 300	13 521,973	154 568,742	11,431	10,969
70	63	72 324	12 841,439	141 046,769	10,984	10,521
71	64	70 238	12 166,904	128 205,330	10,537	10,075
72	65	68 026	11 496,232	116 038,427	10,094	9,631
73	66	65 716	10 835,042	104 542,195	9,649	9,186
74	67	63 299	10 181,932	93 707,152	9,203	8,741
75	68	60 747	9 533,131	83 525,220	8,762	8,299
76	69	58 080	8 892,324	73 992,089	8,321	7,858
77	70	55 270	8 255,601	65 099,766	7,886	7,423
78	71	52 344	7 627,886	56 844,165	7,452	6,990
79	72	49 255	7 002,670	49 216,279	7,028	6,566
80	73	46 007	6 381,424	42 213,609	6,615	6,153
81	74	42 641	5 770,296	35 832,185	6,210	5,747
82	75	39 123	5 165,098	30 061,890	5,820	5,358
83	76	35 508	4 573,439	24 896,791	5,444	4,981
84	77	31 787	3 994,386	20 323,352	5,088	4,626
85	78	28 054	3 439,287	16 328,966	4,748	4,285
86	79	24 334	2 910,498	12 889,679	4,429	3,966
87	80	20 709	2 416,444	9 979,181	4,130	3,667
88	81	17 265	1 965,478	7 562,737	3,848	3,385
89	82	14 069	1 562,611	5 597,259	3,582	3,120
90	83	11 191	1 212,574	4 034,648	3,327	2,865
91	84	8 648	914,213	2 822,074	3,087	2,624
92	85	6 434	663,567	1 907,861	2,875	2,413
93	86	4 606	463,437	1 244,294	2,685	2,223
94	87	3 173	311,492	780,857	2,507	2,044
95	88	2 072	198,438	469,365	2,365	1,903
96	89	1 310	122,369	270,927	2,214	1,752
97	90	782	71,320	148,559	2,083	1,621
98	91	441	39,247	77,239	1,968	1,506
99	92	235	20,354	37,992	1,867	1,404
100	93	117	9,926	17,638	1,777	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	81 705,480	2 689 081,766	32,912	32,449
9	1	99 237	79 461,961	2 607 376,287	32,813	32,350
10	2	99 206	77 499,719	2 527 914,325	32,618	32,156
11	3	99 187	75 594,665	2 450 414,606	32,415	31,953
12	4	99 166	73 735,520	2 374 819,941	32,207	31,745
13	5	99 149	71 924,916	2 301 084,421	31,993	31,530
14	6	99 132	70 158,677	2 229 159,505	31,773	31,311
15	7	99 114	68 434,718	2 159 000,828	31,548	31,086
16	8	99 094	66 752,252	2 090 566,111	31,318	30,856
17	9	99 062	65 103,344	2 023 813,858	31,086	30,624
18	10	99 027	63 492,726	1 958 710,514	30,849	30,387
19	11	98 983	61 916,707	1 895 217,788	30,609	30,147
20	12	98 934	60 376,823	1 833 301,081	30,364	29,902
21	13	98 882	58 873,009	1 772 924,258	30,114	29,652
22	14	98 829	57 406,475	1 714 051,249	29,858	29,396
23	15	98 774	55 975,183	1 656 644,774	29,596	29,134
24	16	98 717	54 578,028	1 600 669,592	29,328	28,866
25	17	98 655	53 213,607	1 546 091,563	29,054	28,592
26	18	98 593	51 883,138	1 492 877,956	28,774	28,311
27	19	98 526	50 583,409	1 440 994,818	28,487	28,025
28	20	98 455	49 314,105	1 390 411,409	28,195	27,733
29	21	98 386	48 077,636	1 341 097,304	27,894	27,432
30	22	98 314	46 870,392	1 293 019,668	27,587	27,125
31	23	98 240	45 692,960	1 246 149,275	27,272	26,810
32	24	98 151	44 538,146	1 200 456,316	26,953	26,491
33	25	98 066	43 414,047	1 155 918,170	26,625	26,163
34	26	97 978	42 317,201	1 112 504,123	26,290	25,827
35	27	97 880	41 243,802	1 070 186,922	25,948	25,485
36	28	97 772	40 193,353	1 028 943,120	25,600	25,137
37	29	97 661	39 168,464	988 749,767	25,244	24,781
38	30	97 544	38 167,451	949 581,303	24,879	24,417
39	31	97 413	37 186,413	911 413,852	24,509	24,047
40	32	97 275	36 228,265	874 227,439	24,131	23,669
41	33	97 119	35 287,980	837 999,174	23,747	23,285
42	34	96 956	34 369,456	802 711,194	23,355	22,893
43	35	96 774	33 468,119	768 341,738	22,957	22,495
44	36	96 576	32 585,232	734 873,619	22,552	22,090
45	37	96 358	31 718,510	702 288,387	22,141	21,679
46	38	96 117	30 867,415	670 569,877	21,724	21,262
47	39	95 850	30 031,159	639 702,462	21,301	20,839
48	40	95 555	29 208,453	609 671,303	20,873	20,411
49	41	95 224	28 397,410	580 462,850	20,441	19,978
50	42	94 852	27 596,538	552 065,440	20,005	19,542
51	43	94 440	26 806,479	524 468,902	19,565	19,103
52	44	93 991	26 028,243	497 662,423	19,120	18,658
53	45	93 480	25 255,246	471 634,180	18,675	18,212
54	46	92 910	24 489,144	446 378,934	18,228	17,765
55	47	92 275	23 728,504	421 889,790	17,780	17,317
56	48	91 576	22 974,446	398 161,286	17,331	16,868
57	49	90 805	22 225,388	375 186,840	16,881	16,419
58	50	89 957	21 480,823	352 961,451	16,431	15,969
59	51	89 022	20 739,064	331 480,628	15,983	15,521
60	52	88 004	20 001,790	310 741,564	15,536	15,073
61	53	86 906	19 270,569	290 739,774	15,087	14,625
62	54	85 716	18 543,151	271 469,205	14,640	14,177
63	55	84 422	17 817,710	252 926,053	14,195	13,733
64	56	83 043	17 099,124	235 108,344	13,750	13,287
65	57	81 561	16 384,396	218 009,220	13,306	12,843
66	58	79 987	15 676,304	201 624,824	12,862	12,399
67	59	78 332	14 977,613	185 948,520	12,415	11,953
68	60	76 555	14 280,647	170 970,907	11,972	11,510
69	61	74 718	13 598,055	156 690,260	11,523	11,061
70	62	72 766	12 919,949	143 092,204	11,075	10,613
71	63	70 704	12 247,547	130 172,256	10,628	10,166
72	64	68 525	11 580,624	117 924,709	10,183	9,721
73	65	66 247	10 922,556	106 344,085	9,736	9,274
74	66	63 857	10 271,659	95 421,529	9,290	8,827
75	67	61 342	9 626,454	85 149,870	8,845	8,383
76	68	58 680	8 984,094	75 523,416	8,406	7,944
77	69	55 894	8 348,876	66 539,322	7,970	7,507
78	70	52 989	7 721,967	58 190,446	7,536	7,073
79	71	49 923	7 097,711	50 468,480	7,111	6,648
80	72	46 680	6 474,720	43 370,768	6,698	6,236
81	73	43 312	5 861,041	36 896,048	6,295	5,833
82	74	39 804	5 255,003	31 035,008	5,906	5,443
83	75	36 198	4 662,338	25 780,004	5,529	5,067
84	76	32 497	4 083,513	21 117,666	5,171	4,709
85	77	28 757	3 525,492	17 034,153	4,832	4,369
86	78	25 038	2 994,648	13 508,661	4,511	4,049
87	79	21 414	2 498,710	10 514,012	4,208	3,745
88	80	17 955	2 043,983	8 015,303	3,921	3,459
89	81	14 718	1 634,638	5 971,320	3,653	3,191
90	82	11 784	1 276,853	4 336,682	3,396	2,934
91	83	9 181	970,586	3 059,829	3,153	2,690
92	84	6 898	711,387	2 089,243	2,937	2,474
93	85	4 991	502,219	1 377,856	2,744	2,281
94	86	3 483	341,888	875,637	2,561	2,099
95	87	2 305	220,779	533,749	2,418	1,955
96	88	1 480	138,242	312,970	2,264	1,802
97	89	900	82,064	174,728	2,129	1,667
98	90	518	46,061	92,664	2,012	1,549
99	91	282	24,445	46,603	1,906	1,444
100	92	144	12,218	22,159	1,814	1,351

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	79 706,170	2 610 757,043	32,755	32,292
10	1	99 229	77 517,630	2 531 050,874	32,651	32,189
11	2	99 199	75 603,667	2 453 533,243	32,453	31,990
12	3	99 178	73 744,306	2 377 929,576	32,246	31,783
13	4	99 158	71 931,456	2 304 185,269	32,033	31,571
14	5	99 140	70 163,939	2 232 253,813	31,815	31,352
15	6	99 120	68 439,223	2 162 089,874	31,591	31,129
16	7	99 099	66 755,543	2 093 650,652	31,363	30,901
17	8	99 069	65 107,375	2 026 895,108	31,132	30,669
18	9	99 033	63 496,834	1 961 787,733	30,896	30,433
19	10	98 989	61 920,376	1 898 290,899	30,657	30,195
20	11	98 942	60 381,321	1 836 370,523	30,413	29,950
21	12	98 890	58 877,667	1 775 989,202	30,164	29,702
22	13	98 838	57 411,396	1 717 111,535	29,909	29,446
23	14	98 785	55 981,057	1 659 700,139	29,648	29,185
24	15	98 729	54 584,857	1 603 719,082	29,380	28,918
25	16	98 669	53 221,117	1 549 134,225	29,108	28,645
26	17	98 608	51 890,736	1 495 913,108	28,828	28,366
27	18	98 546	50 593,712	1 444 022,372	28,542	28,079
28	19	98 474	49 323,626	1 393 428,660	28,251	27,788
29	20	98 405	48 086,540	1 344 105,034	27,952	27,489
30	21	98 330	46 878,153	1 296 018,494	27,647	27,184
31	22	98 257	45 700,868	1 249 140,341	27,333	26,871
32	23	98 173	44 547,812	1 203 439,473	27,015	26,552
33	24	98 082	43 421,410	1 158 891,661	26,689	26,227
34	25	97 996	42 325,093	1 115 470,251	26,355	25,892
35	26	97 899	41 251,828	1 073 145,158	26,014	25,552
36	27	97 793	40 202,135	1 031 893,329	25,668	25,205
37	28	97 685	39 178,235	991 691,195	25,312	24,850
38	29	97 569	38 177,331	952 512,960	24,950	24,487
39	30	97 442	37 197,458	914 335,629	24,581	24,118
40	31	97 306	36 239,832	877 138,171	24,204	23,741
41	32	97 153	35 300,231	840 898,339	23,821	23,359
42	33	96 991	34 381,698	805 598,109	23,431	22,969
43	34	96 812	33 481,215	771 216,411	23,034	22,572
44	35	96 615	32 598,352	737 735,196	22,631	22,169
45	36	96 403	31 733,388	705 136,844	22,221	21,758
46	37	96 161	30 881,628	673 403,457	21,806	21,344
47	38	95 907	30 048,757	642 521,829	21,383	20,920
48	39	95 612	29 225,863	612 473,071	20,957	20,494
49	40	95 289	28 416,696	583 247,208	20,525	20,062
50	41	94 925	27 617,606	554 830,512	20,090	19,627
51	42	94 519	26 828,742	527 212,906	19,651	19,189
52	43	94 076	26 051,688	500 384,164	19,207	18,745
53	44	93 575	25 281,034	474 332,476	18,762	18,300
54	45	93 013	24 516,405	449 051,442	18,316	17,854
55	46	92 392	23 758,671	424 535,037	17,869	17,406
56	47	91 707	23 007,428	400 776,366	17,419	16,957
57	48	90 950	22 260,997	377 768,938	16,970	16,508
58	49	90 120	21 519,805	355 507,941	16,520	16,058
59	50	89 198	20 780,014	333 988,136	16,073	15,610
60	51	88 198	20 046,067	313 208,121	15,624	15,162
61	52	87 120	19 318,001	293 162,054	15,176	14,713
62	53	85 951	18 593,971	273 844,054	14,728	14,265
63	54	84 677	17 871,496	255 250,082	14,283	13,820
64	55	83 319	17 155,968	237 378,586	13,837	13,374
65	56	81 857	16 443,904	220 222,617	13,392	12,930
66	57	80 307	15 739,139	203 778,713	12,947	12,485
67	58	78 679	15 043,965	188 039,574	12,499	12,037
68	59	76 926	14 349,958	172 995,609	12,055	11,593
69	60	75 123	13 671,760	158 645,651	11,604	11,141
70	61	73 176	12 992,644	144 973,891	11,158	10,696
71	62	71 136	12 322,426	131 981,247	10,711	10,248
72	63	68 979	11 657,381	119 658,821	10,265	9,802
73	64	66 733	11 002,737	108 001,440	9,816	9,353
74	65	64 372	10 354,622	96 998,704	9,368	8,905
75	66	61 882	9 711,286	86 644,081	8,922	8,460
76	67	59 254	9 072,042	76 932,796	8,480	8,018
77	68	56 471	8 435,038	67 860,753	8,045	7,583
78	69	53 588	7 809,213	59 425,715	7,610	7,147
79	70	50 539	7 185,253	51 616,503	7,184	6,721
80	71	47 313	6 562,596	44 431,250	6,770	6,308
81	72	43 945	5 946,729	37 868,655	6,368	5,906
82	73	40 430	5 337,645	31 921,925	5,981	5,518
83	74	36 828	4 743,492	26 584,281	5,604	5,142
84	75	33 128	4 162,889	21 840,789	5,247	4,784
85	76	29 399	3 604,157	17 677,900	4,905	4,442
86	77	25 665	3 069,709	14 073,743	4,585	4,122
87	78	22 033	2 570,954	11 004,034	4,280	3,818
88	79	18 566	2 113,569	8 433,080	3,990	3,528
89	80	15 306	1 699,928	6 319,511	3,718	3,255
90	81	12 327	1 335,708	4 619,583	3,459	2,996
91	82	9 668	1 022,037	3 283,875	3,213	2,751
92	83	7 323	755,254	2 261,838	2,995	2,532
93	84	5 351	538,411	1 506,584	2,798	2,336
94	85	3 774	370,498	968,173	2,613	2,151
95	86	2 530	242,323	597,675	2,466	2,004
96	87	1 646	153,806	355,352	2,310	1,848
97	88	1 017	92,709	201,546	2,174	1,712
98	89	596	53,000	108,837	2,054	1,591
99	90	331	28,689	55,837	1,946	1,484
100	91	173	14,673	27,149	1,850	1,388

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	77 755,863	2 534 165,886	32,591	32,129
11	1	99 221	75 621,140	2 456 410,022	32,483	32,021
12	2	99 190	73 753,089	2 380 788,882	32,281	31,818
13	3	99 170	71 940,027	2 307 035,793	32,069	31,606
14	4	99 149	70 170,319	2 235 095,766	31,852	31,390
15	5	99 128	68 444,356	2 164 925,447	31,630	31,168
16	6	99 106	66 759,938	2 096 481,091	31,403	30,941
17	7	99 073	65 110,585	2 029 721,153	31,173	30,711
18	8	99 040	63 500,766	1 964 610,568	30,938	30,476
19	9	98 995	61 924,383	1 901 109,803	30,701	30,238
20	10	98 948	60 384,899	1 839 185,419	30,458	29,995
21	11	98 897	58 882,053	1 778 800,521	30,210	29,747
22	12	98 846	57 415,938	1 719 918,468	29,955	29,493
23	13	98 793	55 985,856	1 662 502,529	29,695	29,233
24	14	98 739	54 590,585	1 606 516,673	29,428	28,966
25	15	98 681	53 227,776	1 551 926,088	29,156	28,694
26	16	98 622	51 898,059	1 498 698,312	28,878	28,415
27	17	98 561	50 601,121	1 446 800,253	28,592	28,130
28	18	98 494	49 333,672	1 396 199,132	28,301	27,839
29	19	98 424	48 095,824	1 346 865,460	28,004	27,541
30	20	98 348	46 886,835	1 298 769,636	27,700	27,238
31	21	98 273	45 708,435	1 251 882,801	27,388	26,926
32	22	98 190	44 555,522	1 206 174,365	27,071	26,609
33	23	98 104	43 430,834	1 161 618,843	26,746	26,284
34	24	98 013	42 332,271	1 118 188,010	26,415	25,952
35	25	97 917	41 259,522	1 075 855,738	26,075	25,613
36	26	97 812	40 209,958	1 034 596,216	25,730	25,267
37	27	97 706	39 186,794	994 386,258	25,376	24,913
38	28	97 593	38 186,854	955 199,464	25,014	24,551
39	29	97 467	37 207,086	917 012,610	24,646	24,184
40	30	97 335	36 250,596	879 805,523	24,270	23,808
41	31	97 184	35 311,502	843 554,927	23,889	23,427
42	32	97 024	34 393,634	808 243,425	23,500	23,037
43	33	96 846	33 493,140	773 849,791	23,105	22,642
44	34	96 653	32 611,107	740 356,651	22,703	22,240
45	35	96 442	31 746,165	707 745,545	22,294	21,831
46	36	96 206	30 896,113	675 999,380	21,880	21,417
47	37	95 951	30 062,593	645 103,267	21,459	20,996
48	38	95 668	29 242,990	615 040,674	21,032	20,570
49	39	95 346	28 433,634	585 797,684	20,602	20,140
50	40	94 989	27 636,363	557 364,050	20,168	19,705
51	41	94 591	26 849,224	529 727,687	19,730	19,267
52	42	94 154	26 073,324	502 878,462	19,287	18,825
53	43	93 659	25 303,805	476 805,139	18,843	18,381
54	44	93 108	24 541,439	451 501,334	18,398	17,935
55	45	92 495	23 785,119	426 959,895	17,951	17,488
56	46	91 824	23 036,679	403 174,776	17,501	17,039
57	47	91 081	22 292,954	380 138,097	17,052	16,590
58	48	90 265	21 554,283	357 845,143	16,602	16,140
59	49	89 360	20 817,725	336 290,860	16,154	15,692
60	50	88 373	20 085,649	315 473,135	15,706	15,244
61	51	87 313	19 360,765	295 387,486	15,257	14,795
62	52	86 163	18 639,738	276 026,721	14,809	14,346
63	53	84 909	17 920,476	257 386,984	14,363	13,900
64	54	83 570	17 207,758	239 466,508	13,916	13,454
65	55	82 129	16 498,571	222 258,751	13,471	13,009
66	56	80 599	15 796,304	205 760,180	13,026	12,563
67	57	78 995	15 104,265	189 963,876	12,577	12,114
68	58	77 267	14 413,529	174 859,610	12,132	11,669
69	59	75 487	13 738,115	160 446,081	11,679	11,216
70	60	73 573	13 063,067	146 707,966	11,231	10,768
71	61	71 536	12 391,759	133 644,899	10,785	10,323
72	62	69 401	11 728,652	121 253,140	10,338	9,876
73	63	67 176	11 075,663	109 524,488	9,889	9,426
74	64	64 845	10 430,634	98 448,825	9,438	8,976
75	65	62 382	9 789,723	88 018,191	8,991	8,528
76	66	59 776	9 151,989	78 228,468	8,548	8,085
77	67	57 024	8 517,611	69 076,479	8,110	7,647
78	68	54 141	7 889,805	60 558,868	7,676	7,213
79	69	51 110	7 266,435	52 669,063	7,248	6,786
80	70	47 897	6 643,537	45 402,628	6,834	6,372
81	71	44 542	6 027,439	38 759,091	6,430	5,968
82	72	41 021	5 415,681	32 731,652	6,044	5,581
83	73	37 407	4 818,089	27 315,971	5,669	5,207
84	74	33 705	4 235,349	22 497,882	5,312	4,850
85	75	29 970	3 674,215	18 262,533	4,970	4,508
86	76	26 238	3 138,203	14 588,318	4,649	4,186
87	77	22 585	2 635,394	11 450,115	4,345	3,882
88	78	19 103	2 174,678	8 814,720	4,053	3,591
89	79	15 827	1 757,801	6 640,042	3,777	3,315
90	80	12 819	1 389,059	4 882,241	3,515	3,052
91	81	10 114	1 069,146	3 493,183	3,267	2,805
92	82	7 711	795,290	2 424,036	3,048	2,586
93	83	5 681	571,612	1 628,746	2,849	2,387
94	84	4 046	397,198	1 057,135	2,661	2,199
95	85	2 742	262,602	659,936	2,513	2,051
96	86	1 807	168,815	397,335	2,354	1,891
97	87	1 132	103,146	228,520	2,215	1,753
98	88	673	59,875	125,374	2,094	1,632
99	89	380	33,010	65,499	1,984	1,522
100	90	203	17,221	32,489	1,887	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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9						
10						
11	0	99 526	75 853,545	2 459 280,446	32,421	31,959
12	1	99 213	73 770,134	2 383 426,901	32,309	31,846
13	2	99 182	71 948,595	2 309 656,768	32,101	31,639
14	3	99 161	70 178,680	2 237 708,173	31,886	31,423
15	4	99 137	68 450,580	2 167 529,493	31,666	31,203
16	5	99 113	66 764,945	2 099 078,913	31,440	30,977
17	6	99 080	65 114,871	2 032 313,968	31,211	30,749
18	7	99 044	63 503,896	1 967 199,097	30,978	30,515
19	8	99 002	61 928,217	1 903 695,201	30,740	30,278
20	9	98 954	60 388,806	1 841 766,983	30,498	30,036
21	10	98 903	58 885,542	1 781 378,177	30,252	29,789
22	11	98 853	57 420,215	1 722 492,635	29,998	29,536
23	12	98 801	55 990,286	1 665 072,420	29,739	29,276
24	13	98 748	54 595,265	1 609 082,134	29,473	29,011
25	14	98 692	53 233,362	1 554 486,869	29,201	28,739
26	15	98 634	51 904,552	1 501 253,507	28,923	28,461
27	16	98 575	50 608,262	1 449 348,954	28,639	28,176
28	17	98 509	49 340,896	1 398 740,692	28,349	27,886
29	18	98 444	48 105,620	1 349 399,796	28,051	27,588
30	19	98 367	46 895,887	1 301 294,176	27,749	27,286
31	20	98 292	45 716,901	1 254 398,288	27,438	26,976
32	21	98 206	44 562,900	1 208 681,388	27,123	26,661
33	22	98 121	43 438,351	1 164 118,488	26,799	26,337
34	23	98 034	42 341,459	1 120 680,137	26,468	26,005
35	24	97 934	41 266,519	1 078 338,678	26,131	25,669
36	25	97 830	40 217,457	1 037 072,159	25,787	25,324
37	26	97 725	39 194,420	996 854,702	25,434	24,971
38	27	97 615	38 195,197	957 660,281	25,073	24,610
39	28	97 491	37 216,368	919 465,084	24,706	24,244
40	29	97 360	36 259,980	882 248,716	24,331	23,869
41	30	97 213	35 321,990	845 988,737	23,951	23,488
42	31	97 055	34 404,616	810 666,746	23,563	23,100
43	32	96 880	33 504,767	776 262,131	23,169	22,706
44	33	96 687	32 622,722	742 757,363	22,768	22,306
45	34	96 480	31 758,586	710 134,642	22,360	21,898
46	35	96 245	30 908,553	678 376,055	21,948	21,485
47	36	95 996	30 076,694	647 467,502	21,527	21,065
48	37	95 712	29 256,454	617 390,807	21,103	20,640
49	38	95 402	28 450,296	588 134,353	20,672	20,210
50	39	95 046	27 652,836	559 684,057	20,240	19,777
51	40	94 655	26 867,459	532 031,221	19,802	19,340
52	41	94 226	26 093,229	505 163,762	19,360	18,898
53	42	93 737	25 324,820	479 070,533	18,917	18,455
54	43	93 192	24 563,544	453 745,713	18,472	18,010
55	44	92 589	23 809,406	429 182,168	18,026	17,563
56	45	91 926	23 062,323	405 372,763	17,577	17,115
57	46	91 197	22 321,296	382 310,440	17,128	16,665
58	47	90 394	21 585,226	359 989,143	16,678	16,215
59	48	89 503	20 851,077	338 403,917	16,230	15,767
60	49	88 533	20 122,099	317 552,840	15,781	15,319
61	50	87 485	19 398,994	297 430,740	15,332	14,870
62	51	86 353	18 681,000	278 031,747	14,883	14,421
63	52	85 118	17 964,584	259 350,747	14,437	13,974
64	53	83 799	17 254,918	241 386,163	13,989	13,527
65	54	82 377	16 548,375	224 131,245	13,544	13,082
66	55	80 867	15 848,818	207 582,870	13,098	12,635
67	56	79 282	15 159,125	191 734,053	12,648	12,186
68	57	77 577	14 471,303	176 574,928	12,202	11,739
69	58	75 822	13 798,976	162 103,625	11,748	11,285
70	59	73 930	13 126,468	148 304,649	11,298	10,836
71	60	71 924	12 458,925	135 178,181	10,850	10,387
72	61	69 792	11 794,644	122 719,255	10,405	9,942
73	62	67 586	11 143,378	110 924,611	9,954	9,492
74	63	65 275	10 499,769	99 781,234	9,503	9,041
75	64	62 840	9 861,587	89 281,465	9,053	8,591
76	65	60 259	9 225,908	79 419,877	8,608	8,146
77	66	57 526	8 592,672	70 193,969	8,169	7,707
78	67	54 671	7 967,041	61 601,298	7,732	7,270
79	68	51 638	7 341,426	53 634,257	7,306	6,843
80	69	48 438	6 718,599	46 292,831	6,890	6,428
81	70	45 091	6 101,780	39 574,232	6,486	6,023
82	71	41 578	5 489,183	33 472,452	6,098	5,635
83	72	37 954	4 888,529	27 983,269	5,724	5,262
84	73	34 235	4 301,955	23 094,739	5,368	4,906
85	74	30 492	3 738,169	18 792,784	5,027	4,565
86	75	26 748	3 199,204	15 054,615	4,706	4,243
87	76	23 089	2 694,198	11 855,411	4,400	3,938
88	77	19 582	2 229,186	9 161,213	4,110	3,647
89	78	16 284	1 808,624	6 932,027	3,833	3,370
90	79	13 256	1 436,348	5 123,403	3,567	3,105
91	80	10 518	1 111,850	3 687,055	3,316	2,854
92	81	8 067	831,948	2 575,205	3,095	2,633
93	82	5 982	601,913	1 743,257	2,896	2,434
94	83	4 296	421,691	1 141,344	2,707	2,244
95	84	2 940	281,526	719,653	2,556	2,094
96	85	1 958	182,942	438,127	2,395	1,932
97	86	1 242	113,212	255,185	2,254	1,792
98	87	749	66,615	141,974	2,131	1,669
99	88	430	37,293	75,358	2,021	1,558
100	89	234	19,815	38,066	1,921	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	73 996,850	2 386 072,489	32,246	31,783
13	1	99 205	71 965,223	2 312 075,639	32,128	31,665
14	2	99 172	70 187,038	2 240 110,417	31,916	31,454
15	3	99 149	68 458,736	2 169 923,379	31,697	31,234
16	4	99 122	66 771,016	2 101 464,643	31,473	31,010
17	5	99 087	65 119,755	2 034 693,626	31,245	30,783
18	6	99 051	63 508,077	1 969 573,872	31,013	30,551
19	7	99 006	61 931,270	1 906 065,795	30,777	30,315
20	8	98 960	60 392,545	1 844 134,525	30,536	30,073
21	9	98 909	58 889,353	1 783 741,979	30,290	29,827
22	10	98 859	57 423,618	1 724 852,627	30,037	29,575
23	11	98 808	55 994,456	1 667 429,009	29,778	29,316
24	12	98 756	54 599,585	1 611 434,552	29,514	29,051
25	13	98 700	53 237,926	1 556 834,967	29,243	28,781
26	14	98 644	51 909,999	1 503 597,042	28,965	28,503
27	15	98 587	50 614,594	1 451 687,042	28,681	28,219
28	16	98 523	49 347,860	1 401 072,449	28,392	27,929
29	17	98 458	48 112,665	1 351 724,589	28,095	27,633
30	18	98 387	46 905,439	1 303 611,924	27,792	27,330
31	19	98 311	45 725,727	1 256 706,485	27,484	27,021
32	20	98 224	44 571,153	1 210 980,758	27,170	26,707
33	21	98 137	43 445,544	1 166 409,605	26,848	26,385
34	22	98 051	42 348,787	1 122 964,062	26,517	26,055
35	23	97 955	41 275,475	1 080 615,275	26,181	25,718
36	24	97 847	40 224,278	1 039 339,799	25,839	25,376
37	25	97 744	39 201,730	999 115,521	25,487	25,024
38	26	97 634	38 202,630	959 913,791	25,127	24,664
39	27	97 512	37 224,499	921 711,161	24,761	24,298
40	28	97 385	36 269,025	884 486,662	24,387	23,924
41	29	97 238	35 331,133	848 217,637	24,008	23,545
42	30	97 084	34 414,835	812 886,504	23,620	23,158
43	31	96 911	33 515,465	778 471,669	23,227	22,765
44	32	96 721	32 634,047	744 956,204	22,828	22,365
45	33	96 514	31 769,898	712 322,156	22,421	21,959
46	34	96 282	30 920,647	680 552,258	22,010	21,547
47	35	96 034	30 088,805	649 631,612	21,590	21,128
48	36	95 757	29 270,177	619 542,807	21,166	20,704
49	37	95 446	28 463,396	590 272,630	20,738	20,276
50	38	95 102	27 669,041	561 809,234	20,305	19,842
51	39	94 711	26 883,474	534 140,193	19,869	19,406
52	40	94 290	26 110,951	507 256,719	19,427	18,965
53	41	93 809	25 344,154	481 145,769	18,984	18,522
54	42	93 270	24 583,944	455 801,615	18,541	18,078
55	43	92 673	23 830,852	431 217,670	18,095	17,633
56	44	92 020	23 085,871	407 386,819	17,647	17,184
57	45	91 298	22 346,144	384 300,947	17,198	16,735
58	46	90 509	21 612,669	361 954,803	16,747	16,285
59	47	89 631	20 881,011	340 342,134	16,299	15,837
60	48	88 675	20 154,338	319 461,123	15,851	15,388
61	49	87 644	19 434,198	299 306,785	15,401	14,939
62	50	86 524	18 717,887	279 872,588	14,952	14,490
63	51	85 306	18 004,352	261 154,701	14,505	14,043
64	52	84 006	17 297,388	243 150,350	14,057	13,595
65	53	82 603	16 593,728	225 852,962	13,611	13,148
66	54	81 111	15 896,661	209 259,233	13,164	12,701
67	55	79 545	15 209,520	193 362,573	12,713	12,251
68	56	77 858	14 523,863	178 153,053	12,266	11,804
69	57	76 126	13 854,286	163 629,190	11,811	11,348
70	58	74 257	13 184,620	149 774,903	11,360	10,897
71	59	72 273	12 519,394	136 590,284	10,910	10,448
72	60	70 170	11 858,574	124 070,890	10,463	10,000
73	61	67 967	11 206,077	112 212,316	10,014	9,551
74	62	65 674	10 563,962	101 006,239	9,561	9,099
75	63	63 257	9 926,951	90 442,277	9,111	8,648
76	64	60 701	9 293,634	80 515,326	8,663	8,201
77	65	57 991	8 662,074	71 221,692	8,222	7,760
78	66	55 153	8 037,250	62 559,619	7,784	7,321
79	67	52 143	7 413,293	54 522,369	7,355	6,892
80	68	48 938	6 787,936	47 109,076	6,940	6,478
81	69	45 600	6 170,720	40 321,139	6,534	6,072
82	70	42 091	5 556,886	34 150,419	6,146	5,683
83	71	38 469	4 954,877	28 593,533	5,771	5,308
84	72	34 736	4 364,850	23 638,656	5,416	4,953
85	73	30 972	3 796,957	19 273,806	5,076	4,614
86	74	27 214	3 254,890	15 476,850	4,755	4,293
87	75	23 538	2 746,568	12 221,960	4,450	3,987
88	76	20 018	2 278,926	9 475,391	4,158	3,695
89	77	16 693	1 853,956	7 196,466	3,882	3,419
90	78	13 639	1 477,877	5 342,509	3,615	3,153
91	79	10 876	1 149,702	3 864,632	3,361	2,899
92	80	8 389	865,177	2 714,930	3,138	2,676
93	81	6 258	629,657	1 849,753	2,938	2,475
94	82	4 523	444,045	1 220,096	2,748	2,285
95	83	3 121	298,886	776,051	2,596	2,134
96	84	2 099	196,126	477,165	2,433	1,971
97	85	1 346	122,685	281,039	2,291	1,828
98	86	822	73,116	158,354	2,166	1,703
99	87	478	41,491	85,238	2,054	1,592
100	88	264	22,386	43,747	1,954	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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13	0	99 510	72 186,392	2 314 514,716	32,063	31,601
14	1	99 195	70 203,259	2 242 328,324	31,941	31,478
15	2	99 160	68 466,889	2 172 125,065	31,725	31,263
16	3	99 134	66 778,972	2 103 658,176	31,502	31,039
17	4	99 096	65 125,677	2 036 879,204	31,276	30,814
18	5	99 058	63 512,840	1 971 753,527	31,045	30,583
19	6	99 013	61 935,347	1 908 240,687	30,810	30,348
20	7	98 965	60 395,522	1 846 305,340	30,570	30,108
21	8	98 916	58 892,999	1 785 909,817	30,325	29,862
22	9	98 865	57 427,334	1 727 016,819	30,073	29,611
23	10	98 814	55 997,775	1 669 589,485	29,815	29,353
24	11	98 763	54 603,652	1 613 591,710	29,551	29,089
25	12	98 708	53 242,138	1 558 988,058	29,281	28,819
26	13	98 653	51 914,450	1 505 745,920	29,004	28,542
27	14	98 597	50 619,906	1 453 831,471	28,721	28,258
28	15	98 535	49 354,034	1 403 211,565	28,432	27,969
29	16	98 472	48 119,455	1 353 857,531	28,135	27,673
30	17	98 402	46 912,308	1 305 738,077	27,834	27,371
31	18	98 331	45 735,040	1 258 825,769	27,524	27,062
32	19	98 243	44 579,758	1 213 090,728	27,212	26,749
33	20	98 155	43 453,590	1 168 510,970	26,891	26,429
34	21	98 067	42 355,799	1 125 057,381	26,562	26,100
35	22	97 972	41 282,619	1 082 701,581	26,227	25,764
36	23	97 868	40 233,008	1 041 418,962	25,885	25,422
37	24	97 760	39 208,379	1 001 185,954	25,535	25,073
38	25	97 652	38 209,755	961 977,575	25,176	24,714
39	26	97 531	37 231,743	923 767,820	24,811	24,349
40	27	97 406	36 276,949	886 536,077	24,438	23,976
41	28	97 262	35 339,947	850 259,128	24,059	23,597
42	29	97 109	34 423,743	814 919,182	23,673	23,211
43	30	96 939	33 525,420	780 495,439	23,281	22,818
44	31	96 752	32 644,467	746 970,019	22,882	22,420
45	32	96 547	31 780,927	714 325,551	22,477	22,014
46	33	96 317	30 931,660	682 544,624	22,066	21,604
47	34	96 072	30 100,577	651 612,964	21,648	21,185
48	35	95 796	29 281,963	621 512,386	21,225	20,763
49	36	95 490	28 476,747	592 230,424	20,797	20,335
50	37	95 145	27 681,780	563 753,677	20,366	19,903
51	38	94 767	26 899,228	536 071,896	19,929	19,466
52	39	94 346	26 126,514	509 172,668	19,489	19,026
53	40	93 872	25 361,367	483 046,154	19,047	18,584
54	41	93 341	24 602,713	457 684,787	18,603	18,141
55	42	92 750	23 850,643	433 082,075	18,158	17,696
56	43	92 103	23 106,666	409 231,431	17,711	17,248
57	44	91 392	22 368,962	386 124,766	17,262	16,799
58	45	90 610	21 636,728	363 755,804	16,812	16,350
59	46	89 745	20 907,558	342 119,076	16,363	15,901
60	47	88 802	20 183,271	321 211,518	15,915	15,452
61	48	87 784	19 465,334	301 028,247	15,465	15,002
62	49	86 681	18 751,854	281 562,913	15,015	14,553
63	50	85 475	18 039,902	262 811,058	14,568	14,106
64	51	84 191	17 335,679	244 771,156	14,120	13,657
65	52	82 806	16 634,571	227 435,478	13,672	13,210
66	53	81 334	15 940,228	210 800,907	13,224	12,762
67	54	79 785	15 255,433	194 860,679	12,773	12,311
68	55	78 117	14 572,146	179 605,246	12,325	11,863
69	56	76 402	13 904,606	165 033,099	11,869	11,407
70	57	74 555	13 237,467	151 128,494	11,417	10,954
71	58	72 593	12 574,856	137 891,026	10,966	10,503
72	59	70 510	11 916,129	125 316,171	10,517	10,054
73	60	68 335	11 266,816	113 400,042	10,065	9,603
74	61	66 043	10 623,401	102 133,225	9,614	9,152
75	62	63 643	9 987,642	91 509,824	9,162	8,700
76	63	61 104	9 355,233	81 522,182	8,714	8,252
77	64	58 417	8 725,661	72 166,949	8,271	7,808
78	65	55 598	8 102,166	63 441,289	7,830	7,368
79	66	52 603	7 478,622	55 339,123	7,400	6,937
80	67	49 417	6 854,385	47 860,501	6,982	6,520
81	68	46 071	6 234,403	41 006,116	6,577	6,115
82	69	42 566	5 619,670	34 771,712	6,188	5,725
83	70	38 944	5 015,990	29 152,042	5,812	5,349
84	71	35 207	4 424,090	24 136,053	5,456	4,993
85	72	31 424	3 852,468	19 711,963	5,117	4,654
86	73	27 642	3 306,077	15 859,495	4,797	4,335
87	74	23 948	2 794,376	12 553,418	4,492	4,030
88	75	20 408	2 323,224	9 759,042	4,201	3,738
89	76	17 065	1 895,324	7 435,818	3,923	3,461
90	77	13 981	1 514,919	5 540,494	3,657	3,195
91	78	11 190	1 182,943	4 025,575	3,403	2,941
92	79	8 674	894,632	2 842,631	3,177	2,715
93	80	6 508	654,807	1 948,000	2,975	2,513
94	81	4 732	464,513	1 293,193	2,784	2,322
95	82	3 286	314,730	828,680	2,633	2,171
96	83	2 228	208,219	513,950	2,468	2,006
97	84	1 443	131,527	305,731	2,324	1,862
98	85	891	79,235	174,204	2,199	1,736
99	86	525	45,540	94,969	2,085	1,623
100	87	294	24,906	49,430	1,985	1,522

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12						
13						
14	0	99 500	70 419,013	2 244 577,785	31,875	31,412
15	1	99 183	68 482,712	2 174 158,772	31,748	31,285
16	2	99 146	66 786,925	2 105 676,059	31,528	31,066
17	3	99 108	65 133,436	2 038 889,134	31,303	30,841
18	4	99 067	63 518,616	1 973 755,698	31,074	30,611
19	5	99 020	61 939,993	1 910 237,082	30,840	30,378
20	6	98 972	60 399,498	1 848 297,090	30,601	30,139
21	7	98 920	58 895,902	1 787 897,591	30,357	29,894
22	8	98 871	57 430,889	1 729 001,689	30,106	29,643
23	9	98 821	56 001,398	1 671 570,800	29,849	29,386
24	10	98 769	54 606,888	1 615 569,402	29,585	29,123
25	11	98 715	53 246,104	1 560 962,514	29,316	28,854
26	12	98 660	51 918,557	1 507 716,410	29,040	28,578
27	13	98 606	50 624,245	1 455 797,853	28,757	28,295
28	14	98 545	49 359,213	1 405 173,608	28,468	28,006
29	15	98 484	48 125,475	1 355 814,395	28,172	27,710
30	16	98 416	46 918,928	1 307 688,919	27,871	27,409
31	17	98 345	45 741,738	1 260 769,991	27,563	27,100
32	18	98 263	44 588,838	1 215 028,253	27,250	26,787
33	19	98 174	43 461,979	1 170 439,415	26,930	26,468
34	20	98 085	42 363,644	1 126 977,436	26,602	26,140
35	21	97 988	41 289,455	1 084 613,792	26,269	25,806
36	22	97 885	40 239,971	1 043 324,337	25,928	25,465
37	23	97 781	39 216,888	1 003 084,366	25,578	25,115
38	24	97 669	38 216,235	963 867,478	25,221	24,759
39	25	97 550	37 238,687	925 651,243	24,857	24,395
40	26	97 425	36 284,009	888 412,556	24,485	24,023
41	27	97 284	35 347,668	852 128,547	24,107	23,645
42	28	97 133	34 432,330	816 780,879	23,721	23,259
43	29	96 965	33 534,098	782 348,549	23,330	22,868
44	30	96 781	32 654,163	748 814,451	22,932	22,469
45	31	96 578	31 791,075	716 160,288	22,527	22,065
46	32	96 350	30 942,398	684 369,213	22,118	21,655
47	33	96 106	30 111,298	653 426,814	21,700	21,238
48	34	95 833	29 293,420	623 315,516	21,278	20,816
49	35	95 529	28 488,213	594 022,096	20,852	20,389
50	36	95 190	27 694,765	565 533,883	20,420	19,958
51	37	94 811	26 911,613	537 839,118	19,985	19,523
52	38	94 401	26 141,824	510 927,505	19,544	19,082
53	39	93 928	25 376,484	484 785,680	19,104	18,641
54	40	93 404	24 619,422	459 409,197	18,660	18,198
55	41	92 821	23 868,852	434 789,775	18,216	17,753
56	42	92 179	23 125,856	410 920,923	17,769	17,306
57	43	91 474	22 389,110	387 795,067	17,321	16,858
58	44	90 702	21 658,821	365 405,957	16,871	16,409
59	45	89 845	20 930,832	343 747,136	16,423	15,961
60	46	88 915	20 208,931	322 816,304	15,974	15,512
61	47	87 910	19 493,278	302 607,372	15,524	15,061
62	48	86 820	18 781,898	283 114,094	15,074	14,611
63	49	85 630	18 072,640	264 332,197	14,626	14,164
64	50	84 358	17 369,909	246 259,557	14,177	13,715
65	51	82 990	16 671,394	228 889,648	13,729	13,267
66	52	81 534	15 979,462	212 218,253	13,281	12,818
67	53	80 004	15 297,242	196 238,791	12,828	12,366
68	54	78 353	14 616,136	180 941,549	12,380	11,917
69	55	76 656	13 950,830	166 325,413	11,922	11,460
70	56	74 826	13 285,546	152 374,583	11,469	11,007
71	57	72 884	12 625,259	139 089,037	11,017	10,554
72	58	70 823	11 968,919	126 463,777	10,566	10,104
73	59	68 667	11 321,499	114 494,859	10,113	9,651
74	60	66 401	10 680,983	103 173,359	9,660	9,197
75	61	64 001	10 043,838	92 492,377	9,209	8,746
76	62	61 477	9 412,429	82 448,539	8,760	8,297
77	63	58 804	8 783,495	73 036,110	8,315	7,853
78	64	56 007	8 161,642	64 252,615	7,873	7,410
79	65	53 027	7 539,026	56 090,973	7,440	6,978
80	66	49 853	6 914,789	48 551,947	7,021	6,559
81	67	46 522	6 295,434	41 637,158	6,614	6,151
82	68	43 006	5 677,666	35 341,724	6,225	5,762
83	69	39 384	5 072,662	29 664,058	5,848	5,385
84	70	35 641	4 478,656	24 591,396	5,491	5,028
85	71	31 851	3 904,754	20 112,740	5,151	4,688
86	72	28 046	3 354,412	16 207,986	4,832	4,369
87	73	24 324	2 838,321	12 853,574	4,529	4,066
88	74	20 763	2 363,662	10 015,253	4,237	3,775
89	75	17 397	1 932,166	7 651,590	3,960	3,498
90	76	14 293	1 548,722	5 719,425	3,693	3,231
91	77	11 471	1 212,594	4 170,703	3,439	2,977
92	78	8 925	920,498	2 958,110	3,214	2,751
93	79	6 729	677,099	2 037,612	3,009	2,547
94	80	4 921	483,066	1 360,512	2,816	2,354
95	81	3 438	329,237	877,446	2,665	2,203
96	82	2 347	219,257	548,209	2,500	2,038
97	83	1 532	139,637	328,952	2,356	1,893
98	84	955	84,945	189,315	2,229	1,766
99	85	569	49,351	104,370	2,115	1,652
100	86	323	27,336	55,019	2,013	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	68 693,179	2 176 234,126	31,680	31,218
16	1	99 168	66 802,360	2 107 540,947	31,549	31,086
17	2	99 120	65 141,193	2 040 738,587	31,328	30,866
18	3	99 079	63 526,184	1 975 597,394	31,099	30,637
19	4	99 029	61 945,625	1 912 071,210	30,867	30,405
20	5	98 979	60 404,028	1 850 125,584	30,629	30,167
21	6	98 927	58 899,779	1 789 721,556	30,386	29,923
22	7	98 876	57 433,721	1 730 821,777	30,136	29,674
23	8	98 827	56 004,866	1 673 388,056	29,879	29,417
24	9	98 775	54 610,421	1 617 383,191	29,617	29,154
25	10	98 721	53 249,259	1 562 772,769	29,348	28,886
26	11	98 668	51 922,424	1 509 523,510	29,073	28,610
27	12	98 614	50 628,251	1 457 601,086	28,790	28,328
28	13	98 554	49 363,445	1 406 972,835	28,502	28,040
29	14	98 495	48 130,526	1 357 609,390	28,207	27,744
30	15	98 428	46 924,799	1 309 478,864	27,906	27,443
31	16	98 359	45 748,193	1 262 554,066	27,598	27,135
32	17	98 277	44 595,368	1 216 805,873	27,285	26,823
33	18	98 194	43 470,831	1 172 210,505	26,965	26,503
34	19	98 104	42 371,823	1 128 739,674	26,639	26,177
35	20	98 006	41 297,102	1 086 367,851	26,306	25,844
36	21	97 901	40 246,635	1 045 070,749	25,967	25,504
37	22	97 798	39 223,676	1 004 824,115	25,618	25,155
38	23	97 690	38 224,529	965 600,439	25,261	24,799
39	24	97 566	37 245,002	927 375,910	24,899	24,437
40	25	97 443	36 290,776	890 130,907	24,528	24,065
41	26	97 302	35 354,547	853 840,132	24,151	23,688
42	27	97 155	34 439,853	818 485,585	23,766	23,303
43	28	96 989	33 542,463	784 045,732	23,375	22,912
44	29	96 806	32 662,616	750 503,269	22,977	22,515
45	30	96 607	31 800,518	717 840,653	22,573	22,111
46	31	96 381	30 952,278	686 040,135	22,164	21,702
47	32	96 140	30 121,752	655 087,857	21,748	21,286
48	33	95 867	29 303,853	624 966,105	21,327	20,865
49	34	95 566	28 499,360	595 662,252	20,901	20,438
50	35	95 228	27 705,916	567 162,892	20,471	20,008
51	36	94 855	26 924,236	539 456,976	20,036	19,574
52	37	94 445	26 153,861	512 532,739	19,597	19,134
53	38	93 983	25 391,354	486 378,878	19,155	18,693
54	39	93 460	24 634,096	460 987,524	18,713	18,251
55	40	92 884	23 885,063	436 353,427	18,269	17,806
56	41	92 250	23 143,511	412 468,365	17,822	17,360
57	42	91 550	22 407,705	389 324,854	17,375	16,912
58	43	90 784	21 678,330	366 917,149	16,926	16,463
59	44	89 937	20 952,205	345 238,819	16,477	16,015
60	45	89 014	20 231,428	324 286,615	16,029	15,566
61	46	88 022	19 518,061	304 055,187	15,578	15,116
62	47	86 945	18 808,861	284 537,126	15,128	14,665
63	48	85 767	18 101,595	265 728,266	14,680	14,217
64	49	84 511	17 401,431	247 626,671	14,230	13,768
65	50	83 153	16 704,313	230 225,240	13,782	13,320
66	51	81 714	16 014,835	213 520,927	13,333	12,870
67	52	80 201	15 334,894	197 506,092	12,880	12,417
68	53	78 568	14 656,193	182 171,197	12,430	11,967
69	54	76 888	13 992,944	167 515,004	11,971	11,509
70	55	75 074	13 329,713	153 522,060	11,517	11,055
71	56	73 149	12 671,115	140 192,348	11,064	10,602
72	57	71 107	12 016,893	127 521,233	10,612	10,149
73	58	68 971	11 371,655	115 504,340	10,157	9,695
74	59	66 724	10 732,822	104 132,685	9,702	9,240
75	60	64 348	10 098,278	93 399,863	9,249	8,787
76	61	61 823	9 465,389	83 301,585	8,801	8,338
77	62	59 163	8 837,195	73 836,196	8,355	7,893
78	63	56 378	8 215,738	64 999,001	7,912	7,449
79	64	53 417	7 594,369	56 783,263	7,477	7,015
80	65	50 255	6 970,639	49 188,894	7,057	6,594
81	66	46 932	6 350,912	42 218,255	6,648	6,185
82	67	43 427	5 733,246	35 867,343	6,256	5,794
83	68	39 790	5 125,013	30 134,097	5,880	5,417
84	69	36 044	4 529,258	25 009,084	5,522	5,059
85	70	32 244	3 952,914	20 479,826	5,181	4,719
86	71	28 427	3 399,939	16 526,911	4,861	4,399
87	72	24 680	2 879,817	13 126,973	4,558	4,096
88	73	21 089	2 400,834	10 247,156	4,268	3,806
89	74	17 700	1 965,797	7 846,322	3,991	3,529
90	75	14 571	1 578,826	5 880,525	3,725	3,262
91	76	11 727	1 239,650	4 301,699	3,470	3,008
92	77	9 149	943,570	3 062,048	3,245	2,783
93	78	6 924	696,676	2 118,479	3,041	2,578
94	79	5 088	499,512	1 421,802	2,846	2,384
95	80	3 575	342,387	922,291	2,694	2,231
96	81	2 455	229,364	579,904	2,528	2,066
97	82	1 613	147,039	350,540	2,384	1,922
98	83	1 014	90,183	203,501	2,257	1,794
99	84	610	52,907	113,318	2,142	1,679
100	85	350	29,624	60,410	2,039	1,577

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	67 007,662	2 109 456,385	31,481	31,018
17	1	99 143	65 156,248	2 042 448,722	31,347	30,885
18	2	99 091	63 533,750	1 977 292,474	31,122	30,660
19	3	99 041	61 953,006	1 913 758,724	30,890	30,428
20	4	98 988	60 409,521	1 851 805,718	30,654	30,192
21	5	98 934	58 904,197	1 791 396,197	30,412	29,950
22	6	98 883	57 437,502	1 732 492,000	30,163	29,701
23	7	98 832	56 007,627	1 675 054,499	29,908	29,445
24	8	98 781	54 613,802	1 619 046,872	29,645	29,183
25	9	98 728	53 252,705	1 564 433,070	29,378	28,915
26	10	98 674	51 925,501	1 511 180,365	29,103	28,640
27	11	98 621	50 632,022	1 459 254,864	28,821	28,358
28	12	98 562	49 367,350	1 408 622,842	28,533	28,071
29	13	98 503	48 134,652	1 359 255,491	28,239	27,776
30	14	98 438	46 929,723	1 311 120,839	27,938	27,476
31	15	98 371	45 753,917	1 264 191,116	27,630	27,168
32	16	98 291	44 601,661	1 218 437,199	27,318	26,856
33	17	98 209	43 477,197	1 173 835,538	26,999	26,536
34	18	98 124	42 380,453	1 130 358,341	26,672	26,209
35	19	98 025	41 305,075	1 087 977,887	26,340	25,878
36	20	97 919	40 254,088	1 046 672,813	26,002	25,539
37	21	97 814	39 230,170	1 006 418,724	25,654	25,192
38	22	97 707	38 231,145	967 188,554	25,298	24,836
39	23	97 587	37 253,086	928 957,409	24,936	24,474
40	24	97 460	36 296,930	891 704,323	24,567	24,105
41	25	97 321	35 361,140	855 407,393	24,191	23,728
42	26	97 174	34 446,555	820 046,252	23,806	23,344
43	27	97 010	33 549,792	785 599,697	23,416	22,954
44	28	96 830	32 670,764	752 049,906	23,019	22,557
45	29	96 632	31 808,749	719 379,142	22,616	22,153
46	30	96 409	30 961,472	687 570,393	22,207	21,745
47	31	96 170	30 131,370	656 608,921	21,792	21,329
48	32	95 901	29 314,027	626 477,551	21,371	20,909
49	33	95 600	28 509,511	597 163,524	20,946	20,484
50	34	95 266	27 716,757	568 654,014	20,517	20,054
51	35	94 893	26 935,077	540 937,257	20,083	19,621
52	36	94 489	26 166,129	514 002,180	19,644	19,181
53	37	94 027	25 403,045	487 836,051	19,204	18,741
54	38	93 515	24 648,532	462 433,006	18,761	18,299
55	39	92 939	23 899,299	437 784,473	18,318	17,855
56	40	92 313	23 159,229	413 885,174	17,871	17,409
57	41	91 620	22 424,812	390 725,945	17,424	16,961
58	42	90 860	21 696,333	368 301,133	16,975	16,513
59	43	90 018	20 971,077	346 604,800	16,528	16,065
60	44	89 105	20 252,086	325 633,723	16,079	15,617
61	45	88 120	19 539,788	305 381,637	15,629	15,166
62	46	87 055	18 832,773	285 841,849	15,178	14,715
63	47	85 890	18 127,581	267 009,075	14,729	14,267
64	48	84 646	17 429,310	248 881,494	14,279	13,817
65	49	83 304	16 734,627	231 452,184	13,831	13,368
66	50	81 876	16 046,458	214 717,557	13,381	12,919
67	51	80 379	15 368,841	198 671,099	12,927	12,464
68	52	78 761	14 692,267	183 302,258	12,476	12,014
69	53	77 098	14 031,293	168 609,991	12,017	11,554
70	54	75 301	13 369,951	154 578,698	11,562	11,099
71	55	73 392	12 713,239	141 208,747	11,107	10,645
72	56	71 365	12 060,539	128 495,508	10,654	10,192
73	57	69 247	11 417,235	116 434,969	10,198	9,736
74	58	67 019	10 780,370	105 017,733	9,742	9,279
75	59	64 661	10 147,290	94 237,364	9,287	8,825
76	60	62 158	9 516,693	84 090,074	8,836	8,374
77	61	59 496	8 886,918	74 573,381	8,391	7,929
78	62	56 722	8 265,967	65 686,462	7,947	7,484
79	63	53 771	7 644,705	57 420,495	7,511	7,049
80	64	50 624	7 021,809	49 775,790	7,089	6,626
81	65	47 311	6 402,207	42 753,981	6,678	6,216
82	66	43 809	5 783,770	36 351,774	6,285	5,823
83	67	40 180	5 175,183	30 568,004	5,907	5,444
84	68	36 416	4 576,001	25 392,820	5,549	5,087
85	69	32 608	3 997,576	20 816,820	5,207	4,745
86	70	28 777	3 441,873	16 819,244	4,887	4,424
87	71	25 015	2 918,902	13 377,371	4,583	4,121
88	72	21 398	2 435,934	10 458,469	4,293	3,831
89	73	17 978	1 996,712	8 022,535	4,018	3,555
90	74	14 824	1 606,308	6 025,823	3,751	3,289
91	75	11 955	1 263,747	4 419,515	3,497	3,035
92	76	9 353	964,624	3 155,769	3,272	2,809
93	77	7 097	714,138	2 191,145	3,068	2,606
94	78	5 236	513,954	1 477,007	2,874	2,411
95	79	3 697	354,044	963,053	2,720	2,258
96	80	2 553	238,525	609,009	2,553	2,091
97	81	1 687	153,817	370,484	2,409	1,946
98	82	1 068	94,963	216,667	2,282	1,819
99	83	647	56,170	121,704	2,167	1,704
100	84	375	31,759	65,534	2,064	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	65 356,491	2 044 217,184	31,278	30,816
18	1	99 114	63 548,433	1 978 860,693	31,139	30,677
19	2	99 053	61 960,384	1 915 312,260	30,912	30,449
20	3	99 000	60 416,719	1 853 351,875	30,676	30,214
21	4	98 943	58 909,553	1 792 935,156	30,435	29,973
22	5	98 890	57 441,809	1 734 025,603	30,188	29,725
23	6	98 838	56 011,314	1 676 583,793	29,933	29,471
24	7	98 786	54 616,495	1 620 572,480	29,672	29,209
25	8	98 734	53 256,002	1 565 955,985	29,404	28,942
26	9	98 680	51 928,861	1 512 699,983	29,130	28,668
27	10	98 627	50 635,022	1 460 771,122	28,849	28,387
28	11	98 569	49 371,028	1 410 136,099	28,562	28,100
29	12	98 511	48 138,460	1 360 765,071	28,268	27,805
30	13	98 447	46 933,747	1 312 626,611	27,968	27,505
31	14	98 382	45 758,719	1 265 692,864	27,660	27,198
32	15	98 304	44 607,241	1 219 934,146	27,348	26,886
33	16	98 222	43 483,333	1 175 326,904	27,029	26,567
34	17	98 139	42 386,659	1 131 843,571	26,703	26,240
35	18	98 045	41 313,488	1 089 456,912	26,370	25,908
36	19	97 938	40 261,860	1 048 143,424	26,033	25,571
37	20	97 833	39 237,436	1 007 881,564	25,687	25,224
38	21	97 723	38 237,476	968 644,128	25,332	24,870
39	22	97 604	37 259,533	930 406,653	24,971	24,509
40	23	97 481	36 304,808	893 147,120	24,601	24,139
41	24	97 337	35 367,137	856 842,312	24,227	23,765
42	25	97 192	34 452,979	821 475,174	23,843	23,381
43	26	97 029	33 556,321	787 022,195	23,454	22,991
44	27	96 851	32 677,901	753 465,874	23,057	22,595
45	28	96 656	31 816,684	720 787,973	22,654	22,192
46	29	96 434	30 969,486	688 971,289	22,247	21,784
47	30	96 199	30 140,320	658 001,802	21,831	21,369
48	31	95 931	29 323,387	627 861,483	21,412	20,949
49	32	95 633	28 519,408	598 538,096	20,987	20,525
50	33	95 299	27 726,629	570 018,688	20,559	20,096
51	34	94 930	26 945,616	542 292,060	20,125	19,663
52	35	94 527	26 176,665	515 346,443	19,687	19,225
53	36	94 071	25 414,961	489 169,779	19,247	18,785
54	37	93 558	24 659,881	463 754,818	18,806	18,344
55	38	92 993	23 913,305	439 094,936	18,362	17,900
56	39	92 368	23 173,034	415 181,632	17,917	17,454
57	40	91 682	22 440,042	392 008,598	17,469	17,007
58	41	90 929	21 712,897	369 568,557	17,021	16,558
59	42	90 093	20 988,494	347 855,659	16,574	16,111
60	43	89 185	20 270,327	326 867,166	16,125	15,663
61	44	88 210	19 559,740	306 596,838	15,675	15,212
62	45	87 152	18 853,738	287 037,098	15,224	14,762
63	46	85 999	18 150,628	268 183,360	14,775	14,313
64	47	84 768	17 454,332	250 032,733	14,325	13,863
65	48	83 438	16 761,438	232 578,401	13,876	13,413
66	49	82 024	16 075,578	215 816,963	13,425	12,963
67	50	80 537	15 399,187	199 741,385	12,971	12,508
68	51	78 935	14 724,791	184 342,198	12,519	12,057
69	52	77 288	14 065,829	169 617,407	12,059	11,596
70	53	75 507	13 406,594	155 551,578	11,603	11,140
71	54	73 614	12 751,616	142 144,984	11,147	10,685
72	55	71 602	12 100,633	129 393,368	10,693	10,231
73	56	69 499	11 458,703	117 292,734	10,236	9,774
74	57	67 288	10 823,580	105 834,031	9,778	9,316
75	58	64 947	10 192,243	95 010,451	9,322	8,859
76	59	62 460	9 562,882	84 818,208	8,870	8,407
77	60	59 819	8 935,088	75 255,326	8,422	7,960
78	61	57 042	8 312,477	66 320,238	7,978	7,516
79	62	54 099	7 691,443	58 007,762	7,542	7,079
80	63	50 960	7 068,350	50 316,319	7,119	6,656
81	64	47 658	6 449,205	43 247,968	6,706	6,244
82	65	44 163	5 830,485	36 798,763	6,311	5,849
83	66	40 534	5 220,789	30 968,279	5,932	5,469
84	67	36 772	4 620,796	25 747,490	5,572	5,110
85	68	32 945	4 038,832	21 126,693	5,231	4,768
86	69	29 102	3 480,760	17 087,861	4,909	4,447
87	70	25 323	2 954,903	13 607,101	4,605	4,143
88	71	21 688	2 468,995	10 652,197	4,314	3,852
89	72	18 241	2 025,904	8 183,203	4,039	3,577
90	73	15 058	1 631,569	6 157,299	3,774	3,311
91	74	12 163	1 285,744	4 525,730	3,520	3,058
92	75	9 535	983,374	3 239,986	3,295	2,832
93	76	7 256	730,073	2 256,612	3,091	2,629
94	77	5 367	526,836	1 526,539	2,898	2,435
95	78	3 804	364,280	999,703	2,744	2,282
96	79	2 640	246,645	635,423	2,576	2,114
97	80	1 755	159,961	388,778	2,430	1,968
98	81	1 117	99,340	228,817	2,303	1,841
99	82	682	59,147	129,477	2,189	1,727
100	83	398	33,717	70,330	2,086	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	63 743,735	1 980 493,999	31,070	30,607
19	1	99 076	61 974,704	1 916 750,265	30,928	30,466
20	2	99 012	60 423,914	1 854 775,561	30,696	30,234
21	3	98 955	58 916,573	1 794 351,646	30,456	29,993
22	4	98 899	57 447,033	1 735 435,074	30,209	29,747
23	5	98 846	56 015,514	1 677 988,040	29,956	29,493
24	6	98 793	54 620,090	1 621 972,526	29,696	29,233
25	7	98 739	53 258,627	1 567 352,436	29,429	28,967
26	8	98 686	51 932,077	1 514 093,808	29,155	28,693
27	9	98 633	50 638,299	1 462 161,732	28,875	28,412
28	10	98 575	49 373,953	1 411 523,433	28,588	28,126
29	11	98 518	48 142,046	1 362 149,479	28,294	27,832
30	12	98 454	46 937,460	1 314 007,433	27,995	27,532
31	13	98 390	45 762,641	1 267 069,973	27,688	27,225
32	14	98 314	44 611,923	1 221 307,332	27,376	26,914
33	15	98 235	43 488,773	1 176 695,409	27,057	26,595
34	16	98 153	42 392,641	1 133 206,636	26,731	26,269
35	17	98 060	41 319,538	1 090 813,995	26,399	25,937
36	18	97 958	40 270,061	1 049 494,457	26,061	25,599
37	19	97 851	39 245,011	1 009 224,396	25,716	25,254
38	20	97 741	38 244,557	969 979,385	25,363	24,900
39	21	97 620	37 265,703	931 734,828	25,002	24,540
40	22	97 498	36 311,092	894 469,125	24,633	24,171
41	23	97 358	35 374,813	858 158,033	24,259	23,797
42	24	97 208	34 458,822	822 783,220	23,877	23,415
43	25	97 047	33 562,579	788 324,398	23,488	23,026
44	26	96 870	32 684,261	754 761,819	23,093	22,630
45	27	96 677	31 823,635	722 077,558	22,690	22,228
46	28	96 458	30 977,212	690 253,923	22,283	21,820
47	29	96 224	30 148,121	659 276,711	21,868	21,406
48	30	95 960	29 332,096	629 128,590	21,448	20,986
49	31	95 664	28 528,514	599 796,493	21,024	20,562
50	32	95 333	27 736,254	571 267,979	20,596	20,134
51	33	94 964	26 955,213	543 531,725	20,164	19,702
52	34	94 564	26 186,907	516 576,511	19,727	19,264
53	35	94 109	25 425,194	490 389,604	19,288	18,825
54	36	93 602	24 671,448	464 964,410	18,846	18,384
55	37	93 036	23 924,315	440 292,962	18,404	17,941
56	38	92 422	23 186,613	416 368,647	17,957	17,495
57	39	91 737	22 453,417	393 182,034	17,511	17,049
58	40	90 991	21 727,644	370 728,616	17,063	16,600
59	41	90 161	21 004,517	349 000,973	16,616	16,153
60	42	89 259	20 287,162	327 996,456	16,168	15,705
61	43	88 290	19 577,358	307 709,294	15,718	15,255
62	44	87 241	18 872,989	288 131,935	15,267	14,804
63	45	86 095	18 170,833	269 258,946	14,818	14,356
64	46	84 876	17 476,522	251 088,113	14,367	13,905
65	47	83 558	16 785,501	233 611,591	13,917	13,455
66	48	82 156	16 101,333	216 826,090	13,466	13,004
67	49	80 683	15 427,133	200 724,757	13,011	12,549
68	50	79 091	14 753,866	185 297,624	12,559	12,097
69	51	77 459	14 096,966	170 543,758	12,098	11,635
70	52	75 693	13 439,592	156 446,792	11,641	11,178
71	53	73 816	12 786,564	143 007,200	11,184	10,722
72	54	71 818	12 137,162	130 220,636	10,729	10,267
73	55	69 730	11 496,797	118 083,475	10,271	9,809
74	56	67 532	10 862,892	106 586,678	9,812	9,350
75	57	65 207	10 233,096	95 723,786	9,354	8,892
76	58	62 737	9 605,247	85 490,690	8,900	8,438
77	59	60 109	8 978,454	75 885,443	8,452	7,990
78	60	57 351	8 357,532	66 906,990	8,006	7,543
79	61	54 404	7 734,720	58 549,458	7,570	7,107
80	62	51 271	7 111,564	50 814,738	7,145	6,683
81	63	47 974	6 491,951	43 703,173	6,732	6,269
82	64	44 488	5 873,285	37 211,223	6,336	5,873
83	65	40 861	5 262,957	31 337,937	5,954	5,492
84	66	37 096	4 661,517	26 074,981	5,594	5,131
85	67	33 267	4 078,369	21 413,464	5,250	4,788
86	68	29 403	3 516,683	17 335,094	4,929	4,467
87	69	25 609	2 988,289	13 818,412	4,624	4,162
88	70	21 956	2 499,447	10 830,123	4,333	3,871
89	71	18 488	2 053,399	8 330,676	4,057	3,595
90	72	15 278	1 655,422	6 277,276	3,792	3,330
91	73	12 354	1 305,964	4 621,854	3,539	3,077
92	74	9 701	1 000,491	3 315,890	3,314	2,852
93	75	7 397	744,264	2 315,399	3,111	2,649
94	76	5 487	538,591	1 571,135	2,917	2,455
95	77	3 899	373,410	1 032,544	2,765	2,303
96	78	2 716	253,776	659,133	2,597	2,135
97	79	1 815	165,407	405,357	2,451	1,988
98	80	1 162	103,308	239,951	2,323	1,860
99	81	713	61,874	136,642	2,208	1,746
100	82	419	35,504	74,769	2,106	1,643

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	62 165,169	1 918 259,189	30,857	30,395
20	1	99 035	60 437,879	1 856 094,019	30,711	30,248
21	2	98 967	58 923,589	1 795 656,140	30,474	30,012
22	3	98 911	57 453,878	1 736 732,551	30,228	29,766
23	4	98 855	56 020,608	1 679 278,673	29,976	29,514
24	5	98 800	54 624,187	1 623 258,064	29,717	29,254
25	6	98 745	53 262,133	1 568 633,878	29,451	28,989
26	7	98 691	51 934,637	1 515 371,744	29,178	28,716
27	8	98 639	50 641,434	1 463 437,107	28,898	28,436
28	9	98 581	49 377,148	1 412 795,673	28,612	28,150
29	10	98 524	48 144,899	1 363 418,525	28,319	27,857
30	11	98 462	46 940,956	1 315 273,626	28,020	27,557
31	12	98 398	45 766,262	1 268 332,669	27,713	27,251
32	13	98 322	44 615,747	1 222 566,407	27,402	26,940
33	14	98 245	43 493,337	1 177 950,660	27,083	26,621
34	15	98 165	42 397,945	1 134 457,323	26,757	26,295
35	16	98 074	41 325,369	1 092 059,378	26,426	25,963
36	17	97 973	40 275,958	1 050 734,009	26,088	25,626
37	18	97 871	39 253,005	1 010 458,051	25,742	25,280
38	19	97 760	38 251,941	971 205,046	25,390	24,927
39	20	97 638	37 272,605	932 953,105	25,031	24,568
40	21	97 514	36 317,104	895 680,501	24,663	24,200
41	22	97 375	35 380,936	859 363,397	24,289	23,826
42	23	97 229	34 466,301	823 982,461	23,907	23,444
43	24	97 063	33 568,271	789 516,160	23,520	23,057
44	25	96 888	32 690,356	755 947,889	23,124	22,662
45	26	96 696	31 829,828	723 257,532	22,723	22,260
46	27	96 479	30 983,979	691 427,704	22,316	21,853
47	28	96 248	30 155,642	660 443,724	21,901	21,439
48	29	95 984	29 339,689	630 288,082	21,482	21,020
49	30	95 692	28 536,988	600 948,394	21,059	20,596
50	31	95 363	27 745,111	572 411,406	20,631	20,169
51	32	94 997	26 964,571	544 666,295	20,199	19,737
52	33	94 598	26 196,234	517 701,724	19,762	19,300
53	34	94 145	25 435,143	491 505,490	19,324	18,861
54	35	93 639	24 681,382	466 070,347	18,883	18,421
55	36	93 080	23 935,537	441 388,965	18,441	17,978
56	37	92 464	23 197,289	417 453,428	17,996	17,533
57	38	91 790	22 466,575	394 256,139	17,549	17,086
58	39	91 045	21 740,595	371 789,564	17,101	16,639
59	40	90 223	21 018,782	350 048,969	16,654	16,192
60	41	89 327	20 302,650	329 030,187	16,206	15,744
61	42	88 363	19 593,617	308 727,537	15,757	15,294
62	43	87 320	18 889,989	289 133,920	15,306	14,844
63	44	86 183	18 189,387	270 243,931	14,857	14,395
64	45	84 970	17 495,977	252 054,544	14,406	13,944
65	46	83 664	16 806,841	234 558,567	13,956	13,494
66	47	82 274	16 124,448	217 751,726	13,504	13,042
67	48	80 813	15 451,849	201 627,278	13,049	12,586
68	49	79 235	14 780,640	186 175,428	12,596	12,133
69	50	77 612	14 124,802	171 394,788	12,134	11,672
70	51	75 861	13 469,343	157 269,987	11,676	11,214
71	52	73 997	12 818,036	143 800,644	11,219	10,756
72	53	72 015	12 170,425	130 982,608	10,762	10,300
73	54	69 940	11 531,502	118 812,183	10,303	9,841
74	55	67 757	10 899,005	107 280,681	9,843	9,381
75	56	65 444	10 270,263	96 381,676	9,385	8,922
76	57	62 988	9 643,747	86 111,413	8,929	8,467
77	58	60 375	9 018,229	76 467,666	8,479	8,017
78	59	57 629	8 398,095	67 449,437	8,032	7,569
79	60	54 699	7 776,644	59 051,342	7,593	7,131
80	61	51 560	7 151,578	51 274,698	7,170	6,707
81	62	48 268	6 531,641	44 123,120	6,755	6,293
82	63	44 782	5 912,214	37 591,479	6,358	5,896
83	64	41 161	5 301,592	31 679,265	5,975	5,513
84	65	37 396	4 699,167	26 377,674	5,613	5,151
85	66	33 560	4 114,310	21 678,506	5,269	4,807
86	67	29 690	3 551,108	17 564,197	4,946	4,484
87	68	25 874	3 019,129	14 013,088	4,641	4,179
88	69	22 204	2 527,687	10 993,959	4,349	3,887
89	70	18 716	2 078,726	8 466,273	4,073	3,610
90	71	15 485	1 677,890	6 387,547	3,807	3,344
91	72	12 534	1 325,057	4 709,657	3,554	3,092
92	73	9 853	1 016,225	3 384,600	3,331	2,868
93	74	7 526	757,219	2 368,375	3,128	2,665
94	75	5 593	549,061	1 611,156	2,934	2,472
95	76	3 986	381,742	1 062,096	2,782	2,320
96	77	2 784	260,137	680,353	2,615	2,153
97	78	1 867	170,189	420,216	2,469	2,007
98	79	1 201	106,825	250,027	2,341	1,878
99	80	742	64,345	143,202	2,226	1,763
100	81	439	37,141	78,857	2,123	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	60 623,621	1 857 488,411	30,640	30,177
21	1	98 990	58 937,207	1 796 864,790	30,488	30,025
22	2	98 923	57 460,720	1 737 927,583	30,245	29,783
23	3	98 866	56 027,283	1 680 466,862	29,994	29,531
24	4	98 809	54 629,154	1 624 439,579	29,736	29,273
25	5	98 752	53 266,128	1 569 810,425	29,471	29,009
26	6	98 698	51 938,056	1 516 544,297	29,199	28,737
27	7	98 644	50 643,931	1 464 606,241	28,920	28,457
28	8	98 587	49 380,206	1 413 962,310	28,634	28,172
29	9	98 530	48 148,015	1 364 582,104	28,341	27,879
30	10	98 468	46 943,738	1 316 434,090	28,043	27,580
31	11	98 405	45 769,671	1 269 490,352	27,736	27,274
32	12	98 330	44 619,277	1 223 720,681	27,426	26,963
33	13	98 253	43 497,066	1 179 101,403	27,108	26,645
34	14	98 175	42 402,395	1 135 604,337	26,782	26,319
35	15	98 086	41 330,540	1 093 201,943	26,450	25,988
36	16	97 987	40 281,642	1 051 871,403	26,113	25,651
37	17	97 886	39 258,753	1 011 589,762	25,767	25,305
38	18	97 780	38 259,732	972 331,009	25,414	24,952
39	19	97 657	37 279,801	934 071,277	25,056	24,593
40	20	97 532	36 323,830	896 791,476	24,689	24,226
41	21	97 391	35 386,794	860 467,646	24,316	23,854
42	22	97 246	34 472,266	825 080,852	23,935	23,472
43	23	97 084	33 575,556	790 608,585	23,547	23,085
44	24	96 904	32 695,901	757 033,029	23,154	22,691
45	25	96 714	31 835,764	724 337,128	22,752	22,290
46	26	96 498	30 990,009	692 501,364	22,346	21,884
47	27	96 269	30 162,230	661 511,355	21,932	21,469
48	28	96 008	29 347,008	631 349,124	21,513	21,051
49	29	95 717	28 544,375	602 002,116	21,090	20,628
50	30	95 391	27 753,351	573 457,742	20,663	20,200
51	31	95 027	26 973,181	545 704,390	20,231	19,769
52	32	94 630	26 205,328	518 731,209	19,795	19,332
53	33	94 179	25 444,202	492 525,881	19,357	18,895
54	34	93 676	24 691,039	467 081,679	18,917	18,455
55	35	93 117	23 945,175	442 390,640	18,475	18,013
56	36	92 508	23 208,170	418 445,465	18,030	17,568
57	37	91 833	22 476,919	395 237,295	17,584	17,122
58	38	91 098	21 753,335	372 760,376	17,136	16,673
59	39	90 276	21 031,311	351 007,041	16,690	16,227
60	40	89 388	20 316,439	329 975,730	16,242	15,779
61	41	88 430	19 608,576	309 659,291	15,792	15,330
62	42	87 392	18 905,677	290 050,715	15,342	14,880
63	43	86 261	18 205,771	271 145,038	14,893	14,431
64	44	85 057	17 513,842	252 939,268	14,442	13,980
65	45	83 757	16 825,550	235 425,426	13,992	13,530
66	46	82 378	16 144,948	218 599,875	13,540	13,077
67	47	80 929	15 474,032	202 454,928	13,084	12,621
68	48	79 362	14 804,321	186 980,896	12,630	12,168
69	49	77 753	14 150,434	172 176,575	12,168	11,705
70	50	76 011	13 495,939	158 026,141	11,709	11,247
71	51	74 161	12 846,411	144 530,202	11,251	10,788
72	52	72 192	12 200,381	131 683,791	10,793	10,331
73	53	70 132	11 563,106	119 483,410	10,333	9,871
74	54	67 961	10 931,906	107 920,305	9,872	9,410
75	55	65 662	10 304,406	96 988,399	9,412	8,950
76	56	63 217	9 678,773	86 683,993	8,956	8,494
77	57	60 617	9 054,377	77 005,220	8,505	8,042
78	58	57 884	8 435,299	67 950,843	8,056	7,593
79	59	54 964	7 814,387	59 515,544	7,616	7,154
80	60	51 839	7 190,342	51 701,157	7,190	6,728
81	61	48 539	6 568,392	44 510,815	6,777	6,314
82	62	45 056	5 948,360	37 942,423	6,379	5,916
83	63	41 434	5 336,731	31 994,063	5,995	5,533
84	64	37 671	4 733,663	26 657,332	5,631	5,169
85	65	33 831	4 147,540	21 923,669	5,286	4,824
86	66	29 952	3 582,402	17 776,129	4,962	4,500
87	67	26 127	3 048,684	14 193,727	4,656	4,193
88	68	22 433	2 553,773	11 145,043	4,364	3,902
89	69	18 928	2 102,212	8 591,270	4,087	3,624
90	70	15 676	1 698,585	6 489,058	3,820	3,358
91	71	12 705	1 343,041	4 790,473	3,567	3,104
92	72	9 997	1 031,082	3 447,433	3,344	2,881
93	73	7 644	769,127	2 416,350	3,142	2,679
94	74	5 691	558,618	1 647,223	2,949	2,486
95	75	4 063	389,163	1 088,606	2,797	2,335
96	76	2 846	265,942	699,443	2,630	2,168
97	77	1 914	174,455	433,501	2,485	2,022
98	78	1 236	109,914	259,047	2,357	1,894
99	79	767	66,536	149,133	2,241	1,779
100	80	456	38,624	82,597	2,138	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	59 118,337	1 798 153,660	30,416	29,954
22	1	98 946	57 474,000	1 739 035,322	30,258	29,795
23	2	98 878	56 033,956	1 681 561,322	30,010	29,547
24	3	98 821	54 635,663	1 625 527,366	29,752	29,290
25	4	98 761	53 270,972	1 570 891,703	29,489	29,026
26	5	98 705	51 941,951	1 517 620,731	29,218	28,755
27	6	98 651	50 647,265	1 465 678,780	28,939	28,477
28	7	98 592	49 382,640	1 415 031,515	28,654	28,192
29	8	98 537	48 150,996	1 365 648,875	28,362	27,899
30	9	98 474	46 946,776	1 317 497,880	28,064	27,601
31	10	98 411	45 772,383	1 270 551,104	27,758	27,296
32	11	98 337	44 622,601	1 224 778,720	27,447	26,985
33	12	98 261	43 500,508	1 180 156,119	27,130	26,667
34	13	98 184	42 406,030	1 136 655,612	26,804	26,342
35	14	98 096	41 334,877	1 094 249,582	26,473	26,010
36	15	97 999	40 286,681	1 052 914,705	26,136	25,673
37	16	97 900	39 264,293	1 012 628,024	25,790	25,328
38	17	97 794	38 265,335	973 363,731	25,437	24,975
39	18	97 677	37 287,394	935 098,396	25,078	24,616
40	19	97 551	36 330,843	897 811,002	24,712	24,250
41	20	97 409	35 393,348	861 480,159	24,340	23,878
42	21	97 262	34 477,975	826 086,811	23,960	23,497
43	22	97 101	33 581,368	791 608,837	23,573	23,110
44	23	96 925	32 702,997	758 027,469	23,179	22,717
45	24	96 730	31 841,164	725 324,472	22,779	22,317
46	25	96 516	30 995,789	693 483,308	22,373	21,911
47	26	96 287	30 168,100	662 487,520	21,960	21,497
48	27	96 029	29 353,419	632 319,420	21,542	21,079
49	28	95 741	28 551,495	602 966,000	21,119	20,656
50	29	95 416	27 760,535	574 414,505	20,692	20,229
51	30	95 056	26 981,193	546 653,970	20,261	19,798
52	31	94 661	26 213,696	519 672,777	19,824	19,362
53	32	94 212	25 453,035	493 459,081	19,387	18,925
54	33	93 709	24 699,833	468 006,046	18,948	18,485
55	34	93 154	23 954,544	443 306,213	18,506	18,044
56	35	92 545	23 217,515	419 351,669	18,062	17,599
57	36	91 876	22 487,462	396 134,154	17,616	17,153
58	37	91 140	21 763,351	373 646,692	17,169	16,706
59	38	90 329	21 043,635	351 883,341	16,722	16,259
60	39	89 441	20 328,549	330 839,705	16,275	15,812
61	40	88 491	19 621,893	310 511,157	15,825	15,362
62	41	87 459	18 920,110	290 889,264	15,375	14,912
63	42	86 332	18 220,891	271 969,153	14,926	14,464
64	43	85 133	17 529,617	253 748,262	14,475	14,013
65	44	83 842	16 842,731	236 218,645	14,025	13,563
66	45	82 470	16 162,920	219 375,915	13,573	13,110
67	46	81 032	15 493,705	203 212,994	13,116	12,653
68	47	79 476	14 825,574	187 719,290	12,662	12,199
69	48	77 877	14 173,105	172 893,716	12,199	11,736
70	49	76 148	13 520,430	158 720,610	11,739	11,277
71	50	74 308	12 871,777	145 200,180	11,281	10,818
72	51	72 352	12 227,388	132 328,403	10,822	10,360
73	52	70 305	11 591,567	120 101,015	10,361	9,899
74	53	68 148	10 961,866	108 509,449	9,899	9,436
75	54	65 860	10 335,512	97 547,583	9,438	8,976
76	55	63 427	9 710,950	87 212,071	8,981	8,518
77	56	60 837	9 087,262	77 501,121	8,529	8,066
78	57	58 116	8 469,110	68 413,859	8,078	7,616
79	58	55 208	7 849,006	59 944,748	7,637	7,175
80	59	52 091	7 225,240	52 095,743	7,210	6,748
81	60	48 802	6 603,994	44 870,503	6,794	6,332
82	61	45 310	5 981,829	38 266,509	6,397	5,935
83	62	41 687	5 369,358	32 284,680	6,013	5,550
84	63	37 920	4 765,038	26 915,322	5,649	5,186
85	64	34 080	4 177,987	22 150,283	5,302	4,839
86	65	30 194	3 611,337	17 972,297	4,977	4,514
87	66	26 357	3 075,550	14 360,960	4,669	4,207
88	67	22 652	2 578,773	11 285,410	4,376	3,914
89	68	19 123	2 123,907	8 706,637	4,099	3,637
90	69	15 853	1 717,776	6 582,730	3,832	3,370
91	70	12 861	1 359,605	4 864,954	3,578	3,116
92	71	10 133	1 045,076	3 505,348	3,354	2,892
93	72	7 756	780,372	2 460,272	3,153	2,690
94	73	5 780	567,403	1 679,901	2,961	2,498
95	74	4 134	395,937	1 112,498	2,810	2,347
96	75	2 902	271,111	716,561	2,643	2,181
97	76	1 957	178,347	445,450	2,498	2,035
98	77	1 267	112,669	267,103	2,371	1,908
99	78	789	68,459	154,434	2,256	1,793
100	79	472	39,939	85,975	2,153	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	57 650,634	1 740 226,940	30,186	29,723
23	1	98 901	56 046,906	1 682 576,306	30,021	29,558
24	2	98 833	54 642,170	1 626 529,401	29,767	29,305
25	3	98 773	53 277,319	1 571 887,230	29,504	29,041
26	4	98 714	51 946,675	1 518 609,911	29,234	28,772
27	5	98 658	50 651,063	1 466 663,236	28,956	28,494
28	6	98 599	49 385,891	1 416 012,173	28,672	28,210
29	7	98 541	48 153,369	1 366 626,282	28,381	27,918
30	8	98 480	46 949,682	1 318 472,913	28,083	27,620
31	9	98 417	45 775,345	1 271 523,230	27,777	27,315
32	10	98 343	44 625,245	1 225 747,885	27,468	27,005
33	11	98 268	43 503,748	1 181 122,640	27,150	26,687
34	12	98 191	42 409,385	1 137 618,892	26,825	26,362
35	13	98 105	41 338,421	1 095 209,507	26,494	26,031
36	14	98 009	40 290,909	1 053 871,087	26,157	25,694
37	15	97 912	39 269,206	1 013 580,177	25,811	25,349
38	16	97 808	38 270,735	974 310,971	25,458	24,996
39	17	97 691	37 292,854	936 040,237	25,100	24,637
40	18	97 571	36 338,243	898 747,382	24,733	24,270
41	19	97 428	35 400,181	862 409,140	24,362	23,899
42	20	97 280	34 484,360	827 008,958	23,982	23,520
43	21	97 117	33 586,928	792 524,598	23,596	23,134
44	22	96 942	32 708,657	758 937,670	23,203	22,741
45	23	96 751	31 848,074	726 229,013	22,803	22,340
46	24	96 533	31 001,046	694 380,939	22,399	21,936
47	25	96 305	30 173,726	663 379,894	21,985	21,523
48	26	96 048	29 359,132	633 206,167	21,568	21,105
49	27	95 762	28 557,733	603 847,035	21,145	20,682
50	28	95 440	27 767,460	575 289,302	20,718	20,256
51	29	95 080	26 988,177	547 521,842	20,287	19,825
52	30	94 689	26 221,482	520 533,665	19,851	19,389
53	31	94 242	25 461,162	494 312,184	19,414	18,952
54	32	93 742	24 708,408	468 851,021	18,975	18,513
55	33	93 187	23 963,076	444 142,613	18,534	18,072
56	34	92 581	23 226,599	420 179,537	18,090	17,628
57	35	91 913	22 496,517	396 952,938	17,645	17,183
58	36	91 183	21 773,559	374 456,421	17,198	16,735
59	37	90 371	21 053,325	352 682,862	16,752	16,289
60	38	89 494	20 340,461	331 629,537	16,304	15,842
61	39	88 543	19 633,589	311 289,076	15,855	15,393
62	40	87 518	18 932,960	291 655,487	15,405	14,942
63	41	86 398	18 234,801	272 722,527	14,956	14,494
64	42	85 204	17 544,176	254 487,725	14,506	14,043
65	43	83 918	16 857,902	236 943,550	14,055	13,593
66	44	82 554	16 179,424	220 085,648	13,603	13,140
67	45	81 122	15 510,952	203 906,224	13,146	12,684
68	46	79 577	14 844,422	188 395,272	12,691	12,229
69	47	77 989	14 193,452	173 550,850	12,228	11,765
70	48	76 270	13 542,092	159 357,398	11,768	11,305
71	49	74 442	12 895,136	145 815,306	11,308	10,845
72	50	72 495	12 251,532	132 920,170	10,849	10,387
73	51	70 460	11 617,226	120 668,638	10,387	9,925
74	52	68 315	10 988,847	109 051,412	9,924	9,461
75	53	66 041	10 363,838	98 062,565	9,462	9,000
76	54	63 619	9 740,264	87 698,727	9,004	8,541
77	55	61 040	9 117,472	77 958,463	8,550	8,088
78	56	58 328	8 499,871	68 840,991	8,099	7,637
79	57	55 429	7 880,467	60 341,120	7,657	7,195
80	58	52 322	7 257,248	52 460,653	7,229	6,766
81	59	49 039	6 636,046	45 203,405	6,812	6,349
82	60	45 555	6 014,252	38 567,359	6,413	5,950
83	61	41 922	5 399,570	32 553,107	6,029	5,566
84	62	38 152	4 794,171	27 153,538	5,664	5,201
85	63	34 306	4 205,679	22 359,367	5,316	4,854
86	64	30 416	3 637,847	18 153,688	4,990	4,528
87	65	26 570	3 100,391	14 515,841	4,682	4,220
88	66	22 852	2 601,498	11 415,450	4,388	3,926
89	67	19 310	2 144,699	8 813,953	4,110	3,647
90	68	16 017	1 735,504	6 669,254	3,843	3,380
91	69	13 007	1 374,967	4 933,750	3,588	3,126
92	70	10 258	1 057,966	3 558,783	3,364	2,901
93	71	7 861	790,963	2 500,817	3,162	2,699
94	72	5 865	575,698	1 709,854	2,970	2,508
95	73	4 199	402,163	1 134,156	2,820	2,358
96	74	2 952	275,830	731,993	2,654	2,191
97	75	1 995	181,814	456,163	2,509	2,047
98	76	1 295	115,183	274,349	2,382	1,919
99	77	809	70,175	159,166	2,268	1,806
100	78	485	41,094	88,991	2,166	1,703

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	56 219,153	1 683 678,273	29,948	29,486
24	1	98 856	54 654,799	1 627 459,119	29,777	29,315
25	2	98 785	53 283,664	1 572 804,321	29,518	29,055
26	3	98 726	51 952,864	1 519 520,656	29,248	28,786
27	4	98 667	50 655,669	1 467 567,792	28,971	28,509
28	5	98 606	49 389,595	1 416 912,123	28,688	28,226
29	6	98 548	48 156,539	1 367 522,528	28,397	27,935
30	7	98 485	46 951,997	1 319 365,988	28,100	27,638
31	8	98 423	45 778,180	1 272 413,991	27,795	27,333
32	9	98 350	44 628,133	1 226 635,812	27,486	27,023
33	10	98 274	43 506,326	1 182 007,679	27,169	26,706
34	11	98 199	42 412,544	1 138 501,353	26,844	26,381
35	12	98 112	41 341,691	1 096 088,809	26,513	26,050
36	13	98 017	40 294,363	1 054 747,118	26,176	25,714
37	14	97 922	39 273,327	1 014 452,755	25,831	25,368
38	15	97 820	38 275,523	975 179,428	25,478	25,015
39	16	97 705	37 298,117	936 903,904	25,119	24,657
40	17	97 585	36 343,564	899 605,787	24,753	24,290
41	18	97 448	35 407,392	863 262,223	24,381	23,918
42	19	97 299	34 491,018	827 854,832	24,002	23,540
43	20	97 135	33 593,149	793 363,814	23,617	23,154
44	21	96 958	32 714,073	759 770,665	23,225	22,762
45	22	96 768	31 853,587	727 056,593	22,825	22,363
46	23	96 554	31 007,774	695 203,006	22,420	21,958
47	24	96 322	30 178,844	664 195,232	22,009	21,546
48	25	96 066	29 364,607	634 016,388	21,591	21,129
49	26	95 781	28 563,291	604 651,781	21,169	20,706
50	27	95 461	27 773,527	576 088,491	20,742	20,280
51	28	95 104	26 994,909	548 314,964	20,312	19,849
52	29	94 713	26 228,269	521 320,055	19,876	19,414
53	30	94 270	25 468,725	495 091,786	19,439	18,977
54	31	93 772	24 716,298	469 623,061	19,001	18,538
55	32	93 219	23 971,395	444 906,763	18,560	18,097
56	33	92 614	23 234,872	420 935,368	18,117	17,654
57	34	91 949	22 505,319	397 700,496	17,671	17,209
58	35	91 220	21 782,326	375 195,177	17,225	16,762
59	36	90 413	21 063,200	353 412,851	16,779	16,316
60	37	89 535	20 349,827	332 349,651	16,332	15,869
61	38	88 595	19 645,094	311 999,824	15,882	15,419
62	39	87 570	18 944,245	292 354,730	15,432	14,970
63	40	86 457	18 247,186	273 410,485	14,984	14,521
64	41	85 269	17 557,570	255 163,299	14,533	14,071
65	42	83 988	16 871,902	237 605,729	14,083	13,621
66	43	82 628	16 193,997	220 733,827	13,631	13,168
67	44	81 205	15 526,790	204 539,830	13,173	12,711
68	45	79 665	14 860,947	189 013,040	12,719	12,256
69	46	78 088	14 211,497	174 152,093	12,254	11,792
70	47	76 380	13 561,533	159 940,596	11,794	11,331
71	48	74 562	12 915,796	146 379,063	11,333	10,871
72	49	72 627	12 273,765	133 463,267	10,874	10,411
73	50	70 599	11 640,165	121 189,502	10,411	9,949
74	51	68 467	11 013,173	109 549,337	9,947	9,485
75	52	66 203	10 389,347	98 536,164	9,484	9,022
76	53	63 793	9 766,959	88 146,817	9,025	8,563
77	54	61 224	9 144,995	78 379,859	8,571	8,108
78	55	58 521	8 528,128	69 234,863	8,118	7,656
79	56	55 630	7 909,089	60 706,736	7,676	7,213
80	57	52 531	7 286,337	52 797,647	7,246	6,784
81	58	49 256	6 665,445	45 511,310	6,828	6,366
82	59	45 776	6 043,442	38 845,865	6,428	5,965
83	60	42 149	5 428,837	32 802,424	6,042	5,580
84	61	38 367	4 821,145	27 373,587	5,678	5,215
85	62	34 515	4 231,391	22 552,442	5,330	4,867
86	63	30 617	3 661,959	18 321,050	5,003	4,541
87	64	26 765	3 123,151	14 659,092	4,694	4,231
88	65	23 037	2 622,510	11 535,941	4,399	3,936
89	66	19 481	2 163,599	8 913,431	4,120	3,657
90	67	16 174	1 752,493	6 749,832	3,852	3,389
91	68	13 141	1 389,157	4 997,339	3,597	3,135
92	69	10 374	1 069,919	3 608,183	3,372	2,910
93	70	7 958	800,718	2 538,263	3,170	2,708
94	71	5 944	583,511	1 737,545	2,978	2,515
95	72	4 261	408,043	1 154,033	2,828	2,366
96	73	2 999	280,168	745,990	2,663	2,200
97	74	2 029	184,979	465,823	2,518	2,056
98	75	1 320	117,422	280,844	2,392	1,929
99	76	827	71,741	163,422	2,278	1,816
100	77	498	42,124	91,681	2,176	1,714

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	54 822,768	1 628 478,434	29,704	29,242
25	1	98 808	53 295,979	1 573 655,666	29,527	29,064
26	2	98 737	51 959,051	1 520 359,687	29,261	28,798
27	3	98 679	50 661,705	1 468 400,636	28,984	28,522
28	4	98 615	49 394,086	1 417 738,931	28,703	28,240
29	5	98 555	48 160,151	1 368 344,844	28,412	27,950
30	6	98 491	46 955,088	1 320 184,693	28,116	27,653
31	7	98 428	45 780,436	1 273 229,605	27,812	27,349
32	8	98 356	44 630,896	1 227 449,169	27,502	27,040
33	9	98 281	43 509,141	1 182 818,273	27,186	26,723
34	10	98 205	42 415,057	1 139 309,132	26,861	26,399
35	11	98 120	41 344,771	1 096 894,075	26,530	26,068
36	12	98 025	40 297,552	1 055 549,304	26,194	25,731
37	13	97 930	39 276,694	1 015 251,752	25,849	25,386
38	14	97 830	38 279,540	975 975,059	25,496	25,034
39	15	97 717	37 302,784	937 695,518	25,137	24,675
40	16	97 599	36 348,693	900 392,735	24,771	24,309
41	17	97 462	35 412,577	864 044,042	24,399	23,937
42	18	97 319	34 498,043	828 631,465	24,020	23,557
43	19	97 154	33 599,634	794 133,422	23,635	23,173
44	20	96 976	32 720,132	760 533,788	23,244	22,781
45	21	96 784	31 858,861	727 813,656	22,845	22,383
46	22	96 570	31 013,141	695 954,796	22,441	21,978
47	23	96 343	30 185,394	664 941,655	22,029	21,566
48	24	96 082	29 369,588	634 756,262	21,613	21,150
49	25	95 798	28 568,618	605 386,674	21,191	20,728
50	26	95 479	27 778,932	576 818,056	20,765	20,302
51	27	95 125	27 000,807	549 039,125	20,334	19,872
52	28	94 737	26 234,812	522 038,318	19,899	19,436
53	29	94 294	25 475,317	495 803,506	19,462	19,000
54	30	93 800	24 723,639	470 328,189	19,023	18,561
55	31	93 249	23 979,049	445 604,550	18,583	18,121
56	32	92 646	23 242,938	421 625,501	18,140	17,678
57	33	91 981	22 513,335	398 382,562	17,695	17,233
58	34	91 255	21 790,849	375 869,228	17,249	16,787
59	35	90 450	21 071,681	354 078,378	16,804	16,341
60	36	89 577	20 359,372	333 006,698	16,356	15,894
61	37	88 636	19 654,140	312 647,325	15,907	15,445
62	38	87 622	18 955,347	292 993,186	15,457	14,995
63	39	86 508	18 258,062	274 037,839	15,009	14,547
64	40	85 327	17 569,494	255 779,777	14,558	14,096
65	41	84 052	16 884,783	238 210,283	14,108	13,646
66	42	82 697	16 207,447	221 325,500	13,656	13,193
67	43	81 278	15 540,776	205 118,054	13,199	12,736
68	44	79 747	14 876,121	189 577,278	12,744	12,281
69	45	78 175	14 227,317	174 701,157	12,279	11,817
70	46	76 477	13 578,774	160 473,839	11,818	11,356
71	47	74 669	12 934,337	146 895,065	11,357	10,895
72	48	72 743	12 293,430	133 960,728	10,897	10,435
73	49	70 728	11 661,289	121 667,298	10,433	9,971
74	50	68 602	11 034,919	110 006,009	9,969	9,506
75	51	66 350	10 412,345	98 971,090	9,505	9,043
76	52	63 950	9 790,999	88 558,745	9,045	8,582
77	53	61 392	9 170,058	78 767,746	8,590	8,127
78	54	58 698	8 553,872	69 597,688	8,136	7,674
79	55	55 815	7 935,382	61 043,817	7,693	7,230
80	56	52 722	7 312,801	53 108,435	7,262	6,800
81	57	49 454	6 692,162	45 795,633	6,843	6,381
82	58	45 979	6 070,215	39 103,472	6,442	5,979
83	59	42 354	5 455,185	33 033,257	6,055	5,593
84	60	38 575	4 847,277	27 578,072	5,689	5,227
85	61	34 710	4 255,200	22 730,795	5,342	4,879
86	62	30 804	3 684,347	18 475,595	5,015	4,552
87	63	26 943	3 143,851	14 791,248	4,705	4,242
88	64	23 206	2 641,761	11 647,397	4,409	3,947
89	65	19 638	2 181,074	9 005,636	4,129	3,667
90	66	16 316	1 767,937	6 824,562	3,860	3,398
91	67	13 269	1 402,756	5 056,625	3,605	3,142
92	68	10 481	1 080,961	3 653,870	3,380	2,918
93	69	8 048	809,765	2 572,908	3,177	2,715
94	70	6 018	590,708	1 763,143	2,985	2,522
95	71	4 318	413,581	1 172,435	2,835	2,372
96	72	3 042	284,264	758,854	2,670	2,207
97	73	2 061	187,888	474,590	2,526	2,064
98	74	1 343	119,466	286,702	2,400	1,937
99	75	843	73,136	167,236	2,287	1,824
100	76	509	43,064	94,101	2,185	1,723

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	53 459,772	1 574 598,787	29,454	28,991
26	1	98 760	51 971,060	1 521 139,015	29,269	28,807
27	2	98 691	50 667,739	1 469 167,956	28,996	28,534
28	3	98 627	49 399,972	1 418 500,217	28,715	28,252
29	4	98 564	48 164,531	1 369 100,245	28,425	27,963
30	5	98 499	46 958,610	1 320 935,715	28,130	27,667
31	6	98 435	45 783,450	1 273 977,105	27,826	27,364
32	7	98 360	44 633,096	1 228 193,655	27,518	27,055
33	8	98 287	43 511,835	1 183 560,559	27,201	26,738
34	9	98 211	42 417,802	1 140 048,724	26,877	26,414
35	10	98 125	41 347,221	1 097 630,922	26,547	26,084
36	11	98 033	40 300,553	1 056 283,701	26,210	25,748
37	12	97 938	39 279,801	1 015 983,148	25,865	25,403
38	13	97 839	38 282,822	976 703,346	25,513	25,050
39	14	97 728	37 306,699	938 420,524	25,154	24,692
40	15	97 611	36 353,241	901 113,826	24,788	24,325
41	16	97 476	35 417,574	864 760,585	24,416	23,954
42	17	97 333	34 503,095	829 343,011	24,037	23,574
43	18	97 174	33 606,478	794 839,916	23,651	23,189
44	19	96 995	32 726,449	761 233,438	23,260	22,798
45	20	96 802	31 864,761	728 506,990	22,862	22,400
46	21	96 586	31 018,276	696 642,229	22,459	21,997
47	22	96 359	30 190,618	665 623,953	22,047	21,585
48	23	96 103	29 375,962	635 433,335	21,631	21,169
49	24	95 815	28 573,463	606 057,373	21,210	20,748
50	25	95 497	27 784,113	577 483,910	20,785	20,322
51	26	95 143	27 006,061	549 699,798	20,355	19,892
52	27	94 758	26 240,544	522 693,736	19,919	19,457
53	28	94 318	25 481,672	496 453,193	19,483	19,020
54	29	93 824	24 730,039	470 971,521	19,045	18,582
55	30	93 277	23 986,171	446 241,482	18,604	18,142
56	31	92 676	23 250,360	422 255,311	18,161	17,699
57	32	92 013	22 521,151	399 004,951	17,717	17,254
58	33	91 288	21 798,610	376 483,800	17,271	16,809
59	34	90 485	21 079,926	354 685,190	16,826	16,363
60	35	89 613	20 367,570	333 605,264	16,379	15,917
61	36	88 678	19 663,359	313 237,695	15,930	15,468
62	37	87 662	18 964,074	293 574,336	15,481	15,018
63	38	86 559	18 268,761	274 610,261	15,032	14,569
64	39	85 378	17 579,966	256 341,500	14,581	14,119
65	40	84 109	16 896,250	238 761,534	14,131	13,669
66	41	82 760	16 219,820	221 865,283	13,679	13,216
67	42	81 345	15 553,682	205 645,463	13,222	12,759
68	43	79 819	14 889,521	190 091,781	12,767	12,304
69	44	78 255	14 241,844	175 202,260	12,302	11,840
70	45	76 562	13 593,890	160 960,416	11,841	11,378
71	46	74 764	12 950,781	147 366,526	11,379	10,917
72	47	72 847	12 311,078	134 415,744	10,918	10,456
73	48	70 841	11 679,972	122 104,666	10,454	9,992
74	49	68 726	11 054,944	110 424,694	9,989	9,526
75	50	66 481	10 432,905	99 369,750	9,525	9,062
76	51	64 092	9 812,673	88 936,845	9,063	8,601
77	52	61 543	9 192,629	79 124,172	8,607	8,145
78	53	58 859	8 577,315	69 931,543	8,153	7,691
79	54	55 984	7 959,336	61 354,229	7,708	7,246
80	55	52 897	7 337,112	53 394,892	7,277	6,815
81	56	49 633	6 716,468	46 057,780	6,857	6,395
82	57	46 163	6 094,546	39 341,312	6,455	5,993
83	58	42 541	5 479,352	33 246,767	6,068	5,605
84	59	38 762	4 870,803	27 767,415	5,701	5,238
85	60	34 898	4 278,264	22 896,611	5,352	4,889
86	61	30 978	3 705,078	18 618,348	5,025	4,563
87	62	27 107	3 163,072	14 913,270	4,715	4,252
88	63	23 359	2 659,271	11 750,198	4,419	3,956
89	64	19 782	2 197,085	9 090,927	4,138	3,675
90	65	16 448	1 782,216	6 893,842	3,868	3,406
91	66	13 386	1 415,117	5 111,626	3,612	3,150
92	67	10 584	1 091,543	3 696,509	3,386	2,924
93	68	8 131	818,122	2 604,966	3,184	2,722
94	69	6 085	597,382	1 786,844	2,991	2,529
95	70	4 372	418,682	1 189,461	2,841	2,379
96	71	3 084	288,122	770,779	2,675	2,213
97	72	2 091	190,635	482,657	2,532	2,069
98	73	1 364	121,345	292,023	2,407	1,944
99	74	858	74,409	170,678	2,294	1,831
100	75	519	43,901	96,269	2,193	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	3 178 626,129	31,786	31,323
1	1	99 340	96 681,305	3 078 626,129	31,843	31,380
2	2	99 290	94 046,361	2 981 944,824	31,707	31,244
3	3	99 263	91 504,132	2 887 898,462	31,560	31,097
4	4	99 238	89 033,043	2 796 394,330	31,409	30,946
5	5	99 218	86 632,235	2 707 361,287	31,251	30,788
6	6	99 201	84 299,343	2 620 729,052	31,088	30,626
7	7	99 184	82 029,248	2 536 429,709	30,921	30,458
8	8	99 171	79 823,161	2 454 400,461	30,748	30,285
9	9	99 157	77 675,637	2 374 577,301	30,570	30,108
10	10	99 142	75 585,756	2 296 901,664	30,388	29,925
11	11	99 129	73 552,764	2 221 315,908	30,200	29,737
12	12	99 112	71 572,474	2 147 763,144	30,008	29,545
13	13	99 097	69 645,941	2 076 190,669	29,811	29,348
14	14	99 079	67 769,646	2 006 544,729	29,608	29,145
15	15	99 056	65 940,973	1 938 775,083	29,402	28,939
16	16	99 029	64 158,457	1 872 834,110	29,191	28,728
17	17	98 990	62 416,429	1 808 675,653	28,978	28,515
18	18	98 946	60 719,214	1 746 259,224	28,760	28,297
19	19	98 888	59 059,442	1 685 540,010	28,540	28,077
20	20	98 828	57 443,685	1 626 480,568	28,314	27,852
21	21	98 765	55 870,716	1 569 036,883	28,083	27,621
22	22	98 704	54 342,078	1 513 166,168	27,845	27,382
23	23	98 643	52 854,666	1 458 824,090	27,601	27,138
24	24	98 576	51 405,285	1 405 969,424	27,351	26,888
25	25	98 512	49 996,811	1 354 564,139	27,093	26,630
26	26	98 446	48 626,217	1 304 567,327	26,828	26,366
27	27	98 380	47 293,158	1 255 941,111	26,557	26,094
28	28	98 307	45 993,067	1 208 647,952	26,279	25,816
29	29	98 232	44 727,895	1 162 654,885	25,994	25,531
30	30	98 150	43 494,614	1 117 926,990	25,703	25,240
31	31	98 064	42 293,576	1 074 432,375	25,404	24,941
32	32	97 966	41 120,168	1 032 138,800	25,101	24,638
33	33	97 863	39 977,714	991 018,632	24,789	24,326
34	34	97 759	38 866,281	951 040,918	24,470	24,007
35	35	97 642	37 780,821	912 174,637	24,144	23,681
36	36	97 516	36 722,228	874 393,815	23,811	23,348
37	37	97 384	35 690,942	837 671,587	23,470	23,007
38	38	97 248	34 687,192	801 980,645	23,120	22,658
39	39	97 089	33 703,644	767 293,453	22,766	22,303
40	40	96 925	32 746,282	733 589,809	22,402	21,939
41	41	96 737	31 808,207	700 843,526	22,033	21,571
42	42	96 536	30 892,305	669 035,319	21,657	21,194
43	43	96 312	29 995,794	638 143,014	21,274	20,812
44	44	96 067	29 118,951	608 147,220	20,885	20,422
45	45	95 797	28 259,870	579 028,269	20,489	20,027
46	46	95 495	27 416,778	550 768,399	20,089	19,626
47	47	95 165	26 590,893	523 351,621	19,682	19,219
48	48	94 793	25 777,879	496 760,729	19,271	18,808
49	49	94 378	24 978,077	470 982,850	18,856	18,393
50	50	93 910	24 189,167	446 004,773	18,438	17,975
51	51	93 395	23 412,725	421 815,606	18,017	17,554
52	52	92 829	22 647,995	398 402,880	17,591	17,128
53	53	92 192	21 890,422	375 754,885	17,165	16,702
54	54	91 481	21 140,378	353 864,463	16,739	16,276
55	55	90 697	20 398,315	332 724,084	16,311	15,849
56	56	89 841	19 664,942	312 325,770	15,882	15,420
57	57	88 905	18 939,117	292 660,828	15,453	14,990
58	58	87 882	18 220,213	273 721,711	15,023	14,560
59	59	86 756	17 505,346	255 501,497	14,596	14,133
60	60	85 538	16 797,708	237 996,151	14,168	13,706
61	61	84 223	16 096,734	221 198,443	13,742	13,279
62	62	82 831	15 407,092	205 101,709	13,312	12,849
63	63	81 330	14 722,887	189 694,618	12,884	12,422
64	64	79 738	14 048,480	174 971,731	12,455	11,992
65	65	78 027	13 379,073	160 923,251	12,028	11,565
66	66	76 212	12 718,179	147 544,178	11,601	11,138
67	67	74 312	12 069,109	134 825,999	11,171	10,708
68	68	72 270	11 423,376	122 756,890	10,746	10,283
69	69	70 194	10 798,266	111 333,514	10,310	9,847
70	70	67 978	10 177,414	100 535,248	9,878	9,415
71	71	65 645	9 565,136	90 357,834	9,447	8,984
72	72	63 186	8 960,463	80 792,697	9,017	8,554
73	73	60 647	8 370,238	71 832,234	8,582	8,119
74	74	58 019	7 793,152	63 461,996	8,143	7,680
75	75	55 263	7 224,320	55 668,843	7,706	7,243
76	76	52 364	6 662,187	48 444,524	7,272	6,809
77	77	49 293	6 103,623	41 782,337	6,845	6,383
78	78	46 104	5 555,942	35 678,714	6,422	5,959
79	79	42 737	5 012,280	30 122,772	6,010	5,547
80	80	39 169	4 470,907	25 110,492	5,616	5,154
81	81	35 458	3 938,997	20 639,586	5,240	4,777
82	82	31 640	3 420,835	16 700,589	4,882	4,419
83	83	27 801	2 925,275	13 279,754	4,540	4,077
84	84	23 966	2 454,217	10 354,479	4,219	3,756
85	85	20 224	2 015,596	7 900,262	3,920	3,457
86	86	16 656	1 615,550	5 884,666	3,643	3,180
87	87	13 353	1 260,589	4 269,116	3,387	2,924
88	88	10 406	956,057	3 008,527	3,147	2,684
89	89	7 852	702,115	2 052,470	2,923	2,460
90	90	5 716	497,395	1 350,355	2,715	2,252
91	91	3 996	338,408	852,960	2,521	2,058
92	92	2 654	218,732	514,552	2,352	1,890
93	93	1 672	134,170	295,821	2,205	1,742
94	94	1 000	78,083	161,651	2,070	1,607
95	95	556	42,225	83,568	1,979	1,516
96	96	298	22,037	41,343	1,876	1,413
97	97	150	10,770	19,306	1,793	1,330
98	98	72	5,016	8,536	1,702	1,239
99	99	32	2,167	3,520	1,624	1,162
100	100	13	0,869	1,353	1,558	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	3 172 759,263	31,825	31,362	50	51	93 725	24 141,499	441 182,447	18,275	17,812
1	2	99 317	96 658,967	3 073 065,649	31,793	31,330	51	52	93 189	23 361,012	417 040,948	17,852	17,389
2	3	99 278	94 035,163	2 976 406,683	31,652	31,189	52	53	92 601	22 592,388	393 679,936	17,425	16,963
3	4	99 251	91 493,231	2 882 371,520	31,504	31,041	53	54	91 940	21 830,593	371 087,549	16,999	16,536
4	5	99 229	89 024,947	2 790 878,289	31,349	30,887	54	55	91 206	21 076,753	349 256,956	16,571	16,108
5	6	99 210	86 625,738	2 701 853,343	31,190	30,727	55	56	90 397	20 330,727	328 180,203	16,142	15,679
6	7	99 194	84 293,794	2 615 227,604	31,025	30,562	56	57	89 516	19 593,777	307 849,476	15,712	15,249
7	8	99 179	82 025,204	2 530 933,811	30,856	30,393	57	58	88 550	18 863,507	288 255,699	15,281	14,818
8	9	99 165	79 818,219	2 448 908,606	30,681	30,218	58	59	87 494	18 139,852	269 392,192	14,851	14,388
9	10	99 150	77 670,610	2 369 090,388	30,502	30,039	59	60	86 337	17 420,795	251 252,340	14,423	13,960
10	11	99 136	75 581,278	2 291 419,777	30,317	29,854	60	61	85 077	16 707,151	233 831,545	13,996	13,533
11	12	99 121	73 547,285	2 215 838,500	30,128	29,665	61	62	83 752	16 006,671	217 124,393	13,565	13,102
12	13	99 105	71 566,812	2 142 291,214	29,934	29,471	62	63	82 328	15 313,468	201 117,722	13,133	12,671
13	14	99 088	69 639,971	2 070 724,402	29,735	29,272	63	64	80 794	14 625,945	185 804,254	12,704	12,241
14	15	99 068	67 762,534	2 001 084,432	29,531	29,068	64	65	79 157	13 946,104	171 178,309	12,274	11,811
15	16	99 044	65 932,724	1 933 321,897	29,323	28,860	65	66	77 402	13 271,877	157 232,205	11,847	11,384
16	17	99 015	64 149,404	1 867 389,173	29,110	28,647	66	67	75 547	12 607,081	143 960,327	11,419	10,956
17	18	98 975	62 407,290	1 803 239,770	28,895	28,432	67	68	73 591	11 952,106	131 353,247	10,990	10,527
18	19	98 926	60 706,849	1 740 832,479	28,676	28,213	68	69	71 532	11 306,689	119 401,141	10,560	10,097
19	20	98 869	59 048,042	1 680 125,631	28,454	27,991	69	70	69 410	10 677,626	108 094,452	10,123	9,661
20	21	98 809	57 433,048	1 621 077,589	28,226	27,763	70	71	67 149	10 053,418	97 416,826	9,690	9,227
21	22	98 749	55 861,466	1 563 644,541	27,991	27,529	71	72	64 766	9 437,056	87 363,409	9,257	8,795
22	23	98 687	54 332,674	1 507 783,074	27,751	27,288	72	73	62 276	8 831,349	77 926,353	8,824	8,361
23	24	98 621	52 843,197	1 453 450,401	27,505	27,042	73	74	59 708	8 240,644	69 095,004	8,385	7,922
24	25	98 559	51 396,569	1 400 607,203	27,251	26,788	74	75	57 026	7 659,824	60 854,360	7,945	7,482
25	26	98 493	49 987,489	1 349 210,635	26,991	26,528	75	76	54 209	7 086,570	53 194,536	7,506	7,044
26	27	98 427	48 616,756	1 299 223,146	26,724	26,261	76	77	51 221	6 516,778	46 107,967	7,075	6,612
27	28	98 359	47 282,828	1 250 606,390	26,449	25,987	77	78	48 088	5 954,378	39 591,189	6,649	6,186
28	29	98 282	45 981,597	1 203 323,563	26,170	25,707	78	79	44 809	5 399,818	33 636,811	6,229	5,766
29	30	98 206	44 716,321	1 157 341,966	25,882	25,419	79	80	41 330	4 847,259	28 236,993	5,825	5,363
30	31	98 121	43 481,699	1 112 625,645	25,588	25,126	80	81	37 665	4 299,188	23 389,734	5,441	4,978
31	32	98 033	42 280,076	1 069 143,945	25,287	24,824	81	82	33 896	3 765,435	19 090,546	5,070	4,607
32	33	97 932	41 105,897	1 026 863,870	24,981	24,518	82	83	30 048	3 248,624	15 325,111	4,717	4,255
33	34	97 828	39 963,480	985 757,973	24,666	24,204	83	84	26 186	2 755,369	12 076,487	4,383	3,920
34	35	97 720	38 851,080	945 794,492	24,344	23,881	84	85	22 355	2 289,242	9 321,117	4,072	3,609
35	36	97 602	37 765,615	906 943,413	24,015	23,552	85	86	18 662	1 859,949	7 031,875	3,781	3,318
36	37	97 470	36 705,011	869 177,797	23,680	23,217	86	87	15 175	1 471,915	5 171,926	3,514	3,051
37	38	97 339	35 674,516	832 472,787	23,335	22,872	87	88	12 002	1 133,030	3 700,010	3,266	2,803
38	39	97 191	34 666,877	796 798,270	22,984	22,522	88	89	9 211	846,278	2 566,981	3,033	2,570
39	40	97 031	33 683,567	762 131,393	22,626	22,163	89	90	6 824	610,196	1 720,703	2,820	2,357
40	41	96 859	32 724,058	728 447,826	22,260	21,797	90	91	4 870	423,812	1 110,507	2,620	2,157
41	42	96 664	31 783,942	695 723,768	21,889	21,426	91	92	3 327	281,780	686,696	2,437	1,974
42	43	96 455	30 866,671	663 939,826	21,510	21,047	92	93	2 156	177,707	404,915	2,279	1,816
43	44	96 225	29 968,800	633 073,156	21,124	20,662	93	94	1 323	106,102	227,209	2,141	1,679
44	45	95 969	29 089,248	603 104,356	20,733	20,270	94	95	765	59,720	121,107	2,028	1,565
45	46	95 691	28 228,446	574 015,108	20,335	19,872	95	96	417	31,710	61,387	1,936	1,473
46	47	95 374	27 381,966	545 786,662	19,932	19,470	96	97	218	16,098	29,677	1,844	1,381
47	48	95 029	26 552,774	518 404,696	19,524	19,061	97	98	108	7,786	13,579	1,744	1,281
48	49	94 641	25 736,645	491 851,922	19,111	18,648	98	99	50	3,488	5,793	1,661	1,198
49	50	94 207	24 932,830	466 115,277	18,695	18,232	99	100	21	1,451	2,305	1,589	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	3 166 766,747	31,772	31,310	50	52	93 518	24 088,175	435 998,440	18,100	17,637
1	3	99 305	96 647,457	3 067 096,168	31,735	31,272	51	53	92 960	23 303,653	411 910,264	17,676	17,213
2	4	99 266	94 023,959	2 970 448,711	31,592	31,130	52	54	92 348	22 530,640	388 606,611	17,248	16,785
3	5	99 242	91 484,911	2 876 424,752	31,442	30,979	53	55	91 663	21 764,891	366 075,971	16,820	16,357
4	6	99 222	89 018,270	2 784 939,841	31,285	30,822	54	56	90 904	21 006,918	344 311,081	16,390	15,928
5	7	99 204	86 620,036	2 695 921,570	31,124	30,661	55	57	90 070	20 257,152	323 304,163	15,960	15,497
6	8	99 189	84 289,638	2 609 301,535	30,956	30,494	56	58	89 159	19 515,553	303 047,010	15,528	15,066
7	9	99 173	82 020,126	2 525 011,896	30,785	30,322	57	59	88 159	18 780,309	283 531,458	15,097	14,634
8	10	99 158	79 813,054	2 442 991,770	30,609	30,146	58	60	87 072	18 052,236	264 751,149	14,666	14,203
9	11	99 144	77 666,008	2 363 178,716	30,427	29,965	59	61	85 871	17 326,879	246 698,913	14,238	13,775
10	12	99 129	75 575,648	2 285 512,708	30,241	29,779	60	62	84 601	16 613,673	229 372,034	13,806	13,343
11	13	99 113	73 541,467	2 209 937,060	30,050	29,587	61	63	83 243	15 909,404	212 758,360	13,373	12,910
12	14	99 096	71 560,677	2 136 395,593	29,854	29,392	62	64	81 786	15 212,638	196 848,956	12,940	12,477
13	15	99 078	69 632,663	2 064 834,916	29,653	29,190	63	65	80 205	14 519,361	181 636,318	12,510	12,047
14	16	99 056	67 754,057	1 995 202,253	29,448	28,985	64	66	78 523	13 834,365	167 116,957	12,080	11,617
15	17	99 030	65 923,421	1 927 448,196	29,238	28,775	65	67	76 726	13 155,942	153 282,592	11,651	11,188
16	18	99 001	64 140,011	1 861 524,775	29,023	28,560	66	68	74 814	12 484,863	140 126,650	11,224	10,761
17	19	98 955	62 394,582	1 797 384,764	28,807	28,344	67	69	72 840	11 830,018	127 641,787	10,790	10,327
18	20	98 907	60 695,131	1 734 990,183	28,585	28,123	68	70	70 733	11 180,369	115 811,770	10,358	9,896
19	21	98 851	59 037,108	1 674 295,052	28,360	27,897	69	71	68 564	10 547,534	104 631,401	9,920	9,457
20	22	98 793	57 423,540	1 615 257,944	28,129	27,666	70	72	66 250	9 918,799	94 083,867	9,485	9,023
21	23	98 731	55 851,800	1 557 834,404	27,892	27,429	71	73	63 833	9 301,074	84 165,068	9,049	8,586
22	24	98 666	54 320,885	1 501 982,605	27,650	27,187	72	74	61 312	8 694,615	74 863,994	8,610	8,148
23	25	98 605	52 834,236	1 447 661,720	27,400	26,937	73	75	58 687	8 099,660	66 169,379	8,169	7,707
24	26	98 541	51 386,985	1 394 827,484	27,144	26,681	74	76	55 939	7 513,770	58 069,719	7,728	7,266
25	27	98 474	49 977,763	1 343 440,498	26,881	26,418	75	77	53 026	6 931,898	50 555,949	7,293	6,830
26	28	98 405	48 606,136	1 293 462,736	26,611	26,148	76	78	49 969	6 357,430	43 624,051	6,862	6,399
27	29	98 334	47 271,036	1 244 856,600	26,334	25,872	77	79	46 737	5 787,058	37 266,621	6,440	5,977
28	30	98 257	45 969,698	1 197 585,564	26,052	25,589	78	80	43 333	5 222,038	31 479,563	6,028	5,565
29	31	98 177	44 703,043	1 151 615,866	25,761	25,299	79	81	39 742	4 661,086	26 257,524	5,633	5,171
30	32	98 090	43 467,820	1 106 912,823	25,465	25,002	80	82	36 005	4 109,755	21 596,438	5,255	4,792
31	33	97 999	42 265,403	1 063 445,003	25,161	24,698	81	83	32 189	3 575,877	17 486,684	4,890	4,427
32	34	97 897	41 091,262	1 021 179,600	24,852	24,389	82	84	28 302	3 059,938	13 910,807	4,546	4,083
33	35	97 790	39 947,850	980 088,339	24,534	24,071	83	85	24 426	2 570,151	10 850,869	4,222	3,759
34	36	97 681	38 835,443	940 140,489	24,208	23,745	84	86	20 628	2 112,464	8 280,718	3,920	3,457
35	37	97 557	37 747,909	901 305,046	23,877	23,414	85	87	17 003	1 694,585	6 168,254	3,640	3,177
36	38	97 425	36 688,118	863 557,137	23,538	23,075	86	88	13 639	1 322,972	4 473,669	3,382	2,919
37	39	97 282	35 653,623	826 869,019	23,192	22,729	87	89	10 624	1 002,929	3 150,696	3,141	2,679
38	40	97 133	34 646,226	791 215,396	22,837	22,374	88	90	8 005	735,485	2 147,767	2,920	2,457
39	41	96 965	33 660,706	756 569,169	22,476	22,014	89	91	5 815	519,925	1 412,282	2,716	2,253
40	42	96 785	32 699,094	722 908,463	22,108	21,645	90	92	4 055	352,893	892,357	2,529	2,066
41	43	96 583	31 757,567	690 209,370	21,734	21,271	91	93	2 703	228,930	539,464	2,356	1,894
42	44	96 369	30 838,893	658 451,802	21,351	20,889	92	94	1 705	140,531	310,534	2,210	1,747
43	45	96 127	29 938,231	627 612,909	20,964	20,501	93	95	1 012	81,149	170,003	2,095	1,632
44	46	95 863	29 056,902	597 674,679	20,569	20,106	94	96	574	44,848	88,854	1,981	1,518
45	47	95 569	28 192,604	568 617,777	20,169	19,706	95	97	305	23,164	44,006	1,900	1,437
46	48	95 237	27 342,713	540 425,173	19,765	19,302	96	98	157	11,638	20,842	1,791	1,328
47	49	94 877	26 510,300	513 082,461	19,354	18,891	97	99	75	5,413	9,203	1,700	1,237
48	50	94 470	25 690,024	486 572,160	18,940	18,477	98	100	33	2,335	3,790	1,623	1,160
49	51	94 021	24 883,696	460 882,136	18,521	18,059							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	3 160 346,230	31,712	31,249
1	4	99 293	96 635,942	3 060 687,520	31,672	31,210
2	5	99 257	94 015,410	2 964 051,577	31,527	31,064
3	6	99 234	91 478,050	2 870 036,168	31,374	30,911
4	7	99 215	89 012,411	2 778 558,117	31,215	30,753
5	8	99 199	86 615,766	2 689 545,707	31,051	30,589
6	9	99 183	84 284,420	2 602 929,941	30,883	30,420
7	10	99 167	82 014,819	2 518 645,521	30,710	30,247
8	11	99 152	79 808,325	2 436 630,702	30,531	30,068
9	12	99 137	77 660,223	2 356 822,377	30,348	29,885
10	13	99 121	75 569,669	2 279 162,154	30,160	29,697
11	14	99 105	73 535,163	2 203 592,485	29,967	29,504
12	15	99 086	71 553,168	2 130 057,322	29,769	29,306
13	16	99 066	69 623,952	2 058 504,154	29,566	29,103
14	17	99 042	67 744,497	1 988 880,203	29,359	28,896
15	18	99 016	65 913,768	1 921 135,706	29,146	28,683
16	19	98 981	64 126,949	1 855 221,938	28,930	28,468
17	20	98 936	62 382,538	1 791 094,988	28,711	28,249
18	21	98 889	60 683,892	1 728 712,450	28,487	28,024
19	22	98 834	59 027,334	1 668 028,558	28,259	27,796
20	23	98 776	57 413,603	1 609 001,224	28,025	27,562
21	24	98 710	55 839,681	1 551 587,622	27,786	27,324
22	25	98 649	54 311,673	1 495 747,941	27,540	27,077
23	26	98 586	52 824,385	1 441 436,268	27,287	26,825
24	27	98 522	51 376,987	1 388 611,883	27,028	26,565
25	28	98 453	49 966,846	1 337 234,896	26,762	26,300
26	29	98 381	48 594,014	1 287 268,050	26,490	26,027
27	30	98 309	47 258,803	1 238 674,036	26,210	25,748
28	31	98 228	45 956,048	1 191 415,233	25,925	25,462
29	32	98 146	44 688,774	1 145 459,185	25,632	25,169
30	33	98 056	43 452,735	1 100 770,411	25,333	24,870
31	34	97 964	42 250,354	1 057 317,676	25,025	24,562
32	35	97 858	41 075,190	1 015 067,322	24,712	24,250
33	36	97 750	39 931,772	973 992,132	24,391	23,929
34	37	97 635	38 817,235	934 060,360	24,063	23,600
35	38	97 512	37 730,536	895 243,125	23,727	23,264
36	39	97 368	36 666,631	857 512,589	23,387	22,924
37	40	97 224	35 632,384	820 845,957	23,037	22,574
38	41	97 067	34 622,712	785 213,573	22,679	22,216
39	42	96 891	33 635,028	750 590,861	22,316	21,853
40	43	96 705	32 671,960	716 955,834	21,944	21,481
41	44	96 496	31 728,988	684 283,874	21,567	21,104
42	45	96 270	30 807,436	652 554,886	21,182	20,719
43	46	96 020	29 904,941	621 747,451	20,791	20,328
44	47	95 741	29 020,008	591 842,510	20,394	19,931
45	48	95 432	28 152,188	562 822,502	19,992	19,529
46	49	95 085	27 298,976	534 670,314	19,586	19,123
47	50	94 705	26 462,278	507 371,338	19,173	18,711
48	51	94 283	25 639,398	480 909,060	18,757	18,294
49	52	93 813	24 828,733	455 269,662	18,336	17,874
50	53	93 288	24 029,032	430 440,928	17,913	17,451
51	54	92 706	23 239,961	406 411,897	17,488	17,025
52	55	92 070	22 462,830	383 171,935	17,058	16,595
53	56	91 359	21 692,775	360 709,105	16,628	16,165
54	57	90 575	20 930,896	339 016,330	16,197	15,734
55	58	89 710	20 176,280	318 085,434	15,765	15,302
56	59	88 765	19 429,478	297 909,153	15,333	14,870
57	60	87 733	18 689,600	278 479,675	14,900	14,437
58	61	86 602	17 954,916	259 790,075	14,469	14,006
59	62	85 391	17 229,933	241 835,159	14,036	13,573
60	63	84 087	16 512,718	224 605,226	13,602	13,139
61	64	82 694	15 804,650	208 092,508	13,167	12,704
62	65	81 190	15 101,778	192 287,857	12,733	12,270
63	66	79 563	14 403,029	177 186,079	12,302	11,839
64	67	77 837	13 713,516	162 783,050	11,870	11,407
65	68	75 982	13 028,403	149 069,533	11,442	10,979
66	69	74 050	12 357,332	136 041,130	11,009	10,546
67	70	72 026	11 697,850	123 683,798	10,573	10,110
68	71	69 871	11 044,152	111 985,948	10,140	9,677
69	72	67 646	10 406,299	100 941,795	9,700	9,237
70	73	65 296	9 775,875	90 535,496	9,261	8,798
71	74	62 844	9 157,068	80 759,621	8,819	8,357
72	75	60 263	8 545,864	71 602,553	8,379	7,916
73	76	57 568	7 945,219	63 056,689	7,936	7,474
74	77	54 718	7 349,774	55 111,470	7,498	7,036
75	78	51 729	6 762,400	47 761,696	7,063	6,600
76	79	48 565	6 178,785	40 999,296	6,635	6,173
77	80	45 198	5 596,529	34 820,511	6,222	5,759
78	81	41 669	5 021,471	29 223,982	5,820	5,357
79	82	37 991	4 455,706	24 202,511	5,432	4,969
80	83	34 192	3 902,863	19 746,805	5,060	4,597
81	84	30 320	3 368,183	15 843,942	4,704	4,241
82	85	26 400	2 854,246	12 475,759	4,371	3,908
83	86	22 540	2 371,680	9 621,512	4,057	3,594
84	87	18 794	1 924,650	7 249,832	3,767	3,304
85	88	15 282	1 523,110	5 325,182	3,496	3,033
86	89	12 073	1 171,062	3 802,072	3,247	2,784
87	90	9 233	871,628	2 631,010	3,019	2,556
88	91	6 821	626,679	1 759,383	2,807	2,345
89	92	4 842	432,923	1 132,703	2,616	2,154
90	93	3 295	286,705	699,780	2,441	1,978
91	94	2 138	181,038	413,075	2,282	1,819
92	95	1 304	107,482	232,036	2,159	1,696
93	96	760	60,940	124,555	2,044	1,581
94	97	420	32,762	63,614	1,942	1,479
95	98	220	16,747	30,852	1,842	1,379
96	99	109	8,092	14,106	1,743	1,280
97	100	50	3,624	6,014	1,659	1,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	3 153 468,418	31,646	31,184
1	5	99 284	96 627,155	3 053 821,581	31,604	31,141
2	6	99 250	94 008,359	2 957 194,426	31,457	30,994
3	7	99 228	91 472,029	2 863 186,067	31,301	30,838
4	8	99 210	89 008,023	2 771 714,038	31,140	30,677
5	9	99 193	86 610,403	2 682 706,015	30,974	30,512
6	10	99 177	84 278,966	2 596 095,612	30,804	30,341
7	11	99 161	82 009,959	2 511 816,646	30,628	30,165
8	12	99 145	79 802,380	2 429 806,687	30,448	29,985
9	13	99 129	77 654,079	2 350 004,306	30,262	29,800
10	14	99 113	75 563,191	2 272 350,227	30,072	29,609
11	15	99 095	73 527,446	2 196 787,036	29,877	29,414
12	16	99 073	71 544,217	2 123 259,590	29,678	29,215
13	17	99 052	69 614,128	2 051 715,373	29,473	29,010
14	18	99 028	67 734,578	1 982 101,246	29,263	28,800
15	19	98 995	65 900,345	1 914 366,668	29,049	28,587
16	20	98 961	64 114,571	1 848 466,322	28,831	28,368
17	21	98 918	62 370,987	1 784 351,751	28,609	28,146
18	22	98 872	60 673,845	1 721 980,764	28,381	27,918
19	23	98 817	59 017,120	1 661 306,919	28,150	27,687
20	24	98 755	57 401,145	1 602 289,799	27,914	27,451
21	25	98 693	55 830,212	1 544 888,655	27,671	27,208
22	26	98 631	54 301,546	1 489 058,443	27,422	26,959
23	27	98 567	52 814,107	1 434 756,896	27,166	26,703
24	28	98 500	51 365,765	1 381 942,790	26,904	26,441
25	29	98 428	49 954,385	1 330 577,025	26,636	26,173
26	30	98 355	48 581,439	1 280 622,641	26,360	25,898
27	31	98 280	47 244,770	1 232 041,202	26,078	25,615
28	32	98 196	45 941,379	1 184 796,431	25,789	25,326
29	33	98 112	44 673,265	1 138 855,052	25,493	25,030
30	34	98 021	43 437,264	1 094 181,787	25,190	24,727
31	35	97 926	42 233,829	1 050 744,524	24,879	24,416
32	36	97 819	41 058,658	1 008 510,695	24,563	24,100
33	37	97 705	39 913,050	967 452,036	24,239	23,776
34	38	97 590	38 799,370	927 538,987	23,906	23,443
35	39	97 455	37 708,439	888 739,616	23,569	23,106
36	40	97 310	36 644,789	851 031,177	23,224	22,761
37	41	97 158	35 608,201	814 386,388	22,871	22,408
38	42	96 993	34 596,300	778 778,188	22,510	22,048
39	43	96 811	33 607,117	744 181,888	22,144	21,681
40	44	96 618	32 642,557	710 574,771	21,768	21,306
41	45	96 398	31 696,623	677 932,214	21,388	20,925
42	46	96 163	30 773,179	646 235,591	21,000	20,537
43	47	95 898	29 866,969	615 462,412	20,607	20,144
44	48	95 604	28 978,406	585 595,443	20,208	19,745
45	49	95 279	28 107,157	556 617,036	19,803	19,341
46	50	94 912	27 249,525	528 509,880	19,395	18,932
47	51	94 518	26 410,130	501 260,354	18,980	18,517
48	52	94 075	25 582,766	474 850,224	18,561	18,099
49	53	93 583	24 767,771	449 267,458	18,139	17,676
50	54	93 033	23 963,357	424 499,687	17,715	17,252
51	55	92 427	23 170,017	400 536,330	17,287	16,824
52	56	91 765	22 388,402	377 366,312	16,855	16,393
53	57	91 029	21 614,271	354 977,910	16,423	15,960
54	58	90 213	20 847,334	333 363,639	15,991	15,528
55	59	89 315	20 087,292	312 516,304	15,558	15,095
56	60	88 337	19 335,634	292 429,013	15,124	14,661
57	61	87 260	18 588,844	273 093,379	14,691	14,228
58	62	86 118	17 854,457	254 504,535	14,254	13,792
59	63	84 872	17 125,233	236 650,078	13,819	13,356
60	64	83 533	16 403,991	219 524,845	13,382	12,920
61	65	82 092	15 689,476	203 120,854	12,946	12,483
62	66	80 539	14 980,780	187 431,378	12,511	12,049
63	67	78 868	14 277,213	172 450,597	12,079	11,616
64	68	77 082	13 580,572	158 173,384	11,647	11,184
65	69	75 206	12 895,320	144 592,812	11,213	10,750
66	70	73 223	12 219,274	131 697,492	10,778	10,315
67	71	71 148	11 555,329	119 478,218	10,340	9,877
68	72	68 935	10 896,267	107 922,889	9,905	9,442
69	73	66 671	10 256,351	97 026,621	9,460	8,997
70	74	64 285	9 624,518	86 770,270	9,016	8,553
71	75	61 769	9 000,405	77 145,752	8,571	8,109
72	76	59 114	8 382,916	68 145,347	8,129	7,666
73	77	56 311	7 771,806	59 762,432	7,690	7,227
74	78	53 380	7 170,058	51 990,626	7,251	6,788
75	79	50 276	6 572,375	44 820,567	6,820	6,357
76	80	46 966	5 975,359	38 248,193	6,401	5,938
77	81	43 462	5 381,578	32 272,834	5,997	5,534
78	82	39 833	4 800,212	26 891,256	5,602	5,139
79	83	36 079	4 231,399	22 091,044	5,221	4,758
80	84	32 206	3 676,178	17 859,645	4,858	4,395
81	85	28 282	3 141,771	14 183,467	4,514	4,052
82	86	24 361	2 633,838	11 041,697	4,192	3,729
83	87	20 536	2 160,820	8 407,859	3,891	3,428
84	88	16 892	1 729,894	6 247,039	3,611	3,148
85	89	13 527	1 348,219	4 517,145	3,350	2,888
86	90	10 492	1 017,749	3 168,926	3,114	2,651
87	91	7 867	742,682	2 151,177	2,896	2,434
88	92	5 680	521,814	1 408,496	2,699	2,236
89	93	3 934	351,725	886,682	2,521	2,058
90	94	2 605	226,727	534,957	2,359	1,897
91	95	1 635	138,463	308,230	2,226	1,763
92	96	979	80,715	169,767	2,103	1,640
93	97	555	44,518	89,052	2,000	1,538
94	98	303	23,685	44,534	1,880	1,417
95	99	153	11,643	20,849	1,791	1,328
96	100	73	5,417	9,205	1,699	1,236

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	3 146 116,505	31,576	31,113
1	6	99 277	96 619,909	3 046 478,728	31,531	31,068
2	7	99 243	94 002,171	2 949 858,820	31,381	30,918
3	8	99 223	91 467,520	2 855 856,649	31,223	30,760
4	9	99 204	89 002,512	2 764 389,130	31,060	30,597
5	10	99 186	86 604,799	2 675 386,618	30,892	30,429
6	11	99 171	84 273,972	2 588 781,818	30,719	30,256
7	12	99 153	82 003,850	2 504 507,846	30,541	30,079
8	13	99 137	79 796,067	2 422 503,996	30,359	29,896
9	14	99 121	77 647,423	2 342 707,929	30,171	29,708
10	15	99 102	75 555,262	2 265 060,506	29,979	29,516
11	16	99 082	73 518,248	2 189 505,244	29,782	29,319
12	17	99 059	71 534,121	2 115 986,996	29,580	29,117
13	18	99 037	69 603,935	2 044 452,875	29,373	28,910
14	19	99 007	67 720,784	1 974 848,940	29,162	28,699
15	20	98 976	65 887,625	1 907 128,156	28,945	28,482
16	21	98 943	64 102,699	1 841 240,531	28,723	28,260
17	22	98 901	62 360,661	1 777 137,831	28,498	28,035
18	23	98 855	60 663,346	1 714 777,171	28,267	27,804
19	24	98 796	59 004,314	1 654 113,825	28,034	27,571
20	25	98 738	57 391,411	1 595 109,511	27,794	27,331
21	26	98 675	55 819,802	1 537 718,100	27,548	27,085
22	27	98 612	54 290,981	1 481 898,298	27,295	26,833
23	28	98 546	52 802,571	1 427 607,317	27,037	26,574
24	29	98 476	51 352,954	1 374 804,747	26,772	26,309
25	30	98 403	49 941,457	1 323 451,792	26,500	26,037
26	31	98 326	48 567,014	1 273 510,335	26,222	25,759
27	32	98 248	47 229,690	1 224 943,321	25,936	25,473
28	33	98 162	45 925,435	1 177 713,631	25,644	25,181
29	34	98 077	44 657,359	1 131 788,196	25,344	24,881
30	35	97 982	43 420,275	1 087 130,837	25,037	24,575
31	36	97 886	42 216,831	1 043 710,563	24,723	24,260
32	37	97 773	41 039,408	1 001 493,732	24,403	23,940
33	38	97 660	39 894,681	960 454,324	24,075	23,612
34	39	97 533	38 776,647	920 559,643	23,740	23,277
35	40	97 397	37 685,976	881 782,996	23,398	22,935
36	41	97 244	36 619,918	844 097,020	23,050	22,587
37	42	97 084	35 581,036	807 477,102	22,694	22,231
38	43	96 912	34 567,591	771 896,065	22,330	21,867
39	44	96 723	33 576,873	737 328,474	21,959	21,497
40	45	96 519	32 609,260	703 751,601	21,581	21,119
41	46	96 291	31 661,378	671 142,341	21,198	20,735
42	47	96 041	30 734,106	639 480,963	20,807	20,344
43	48	95 761	29 824,154	608 746,857	20,411	19,948
44	49	95 451	28 932,053	578 922,704	20,010	19,547
45	50	95 107	28 056,242	549 990,651	19,603	19,140
46	51	94 725	27 195,826	521 934,409	19,192	18,729
47	52	94 310	26 351,796	494 738,583	18,774	18,312
48	53	93 844	25 519,953	468 386,787	18,354	17,891
49	54	93 327	24 700,078	442 866,834	17,930	17,467
50	55	92 753	23 891,236	418 166,757	17,503	17,040
51	56	92 121	23 093,246	394 275,521	17,073	16,610
52	57	91 433	22 307,381	371 182,275	16,639	16,177
53	58	90 665	21 527,981	348 874,893	16,206	15,743
54	59	89 815	20 755,386	327 346,912	15,772	15,309
55	60	88 883	19 990,270	306 591,526	15,337	14,874
56	61	87 860	19 231,395	286 601,256	14,903	14,440
57	62	86 772	18 484,837	267 369,861	14,464	14,001
58	63	85 594	17 745,962	248 885,024	14,025	13,562
59	64	84 313	17 012,474	231 139,062	13,586	13,124
60	65	82 925	16 284,450	214 126,589	13,149	12,686
61	66	81 434	15 563,770	197 842,139	12,712	12,249
62	67	79 836	14 849,917	182 278,369	12,275	11,812
63	68	78 103	14 138,804	167 428,452	11,842	11,379
64	69	76 295	13 441,849	153 289,649	11,404	10,941
65	70	74 366	12 751,252	139 847,799	10,967	10,505
66	71	72 331	12 070,400	127 096,548	10,530	10,067
67	72	70 196	11 400,599	115 026,148	10,089	9,627
68	73	67 942	10 739,259	103 625,548	9,649	9,186
69	74	65 639	10 097,555	92 886,289	9,199	8,736
70	75	63 185	9 459,858	82 788,734	8,752	8,289
71	76	60 591	8 828,790	73 328,877	8,306	7,843
72	77	57 823	8 199,949	64 500,087	7,866	7,403
73	78	54 934	7 581,771	56 300,138	7,426	6,963
74	79	51 880	6 968,578	48 718,367	6,991	6,528
75	80	48 621	6 355,990	41 749,789	6,569	6,106
76	81	45 162	5 745,858	35 393,799	6,160	5,697
77	82	41 547	5 144,452	29 647,941	5,763	5,300
78	83	37 828	4 558,562	24 503,489	5,375	4,912
79	84	33 983	3 985,631	19 944,928	5,004	4,541
80	85	30 042	3 429,062	15 959,297	4,654	4,191
81	86	26 098	2 899,159	12 530,235	4,322	3,859
82	87	22 195	2 399,669	9 631,076	4,014	3,551
83	88	18 458	1 942,166	7 231,407	3,723	3,261
84	89	14 953	1 531,259	5 289,240	3,454	2,991
85	90	11 756	1 171,713	3 757,981	3,207	2,744
86	91	8 940	867,186	2 586,269	2,982	2,520
87	92	6 551	618,405	1 719,083	2,780	2,317
88	93	4 614	423,943	1 100,678	2,596	2,133
89	94	3 111	278,145	676,734	2,433	1,970
90	95	1 993	173,407	398,589	2,299	1,836
91	96	1 228	103,981	225,183	2,166	1,703
92	97	715	58,964	121,201	2,056	1,593
93	98	401	32,184	62,238	1,934	1,471
94	99	211	16,468	30,054	1,825	1,362
95	100	103	7,795	13,586	1,743	1,280

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	3 138 272,156	31,499	31,036
1	7	99 270	96 613,548	3 038 641,852	31,452	30,989
2	8	99 238	93 997,537	2 942 028,303	31,299	30,836
3	9	99 217	91 461,857	2 848 030,766	31,139	30,676
4	10	99 198	88 996,753	2 756 568,910	30,974	30,511
5	11	99 180	86 599,667	2 667 572,157	30,803	30,341
6	12	99 164	84 267,695	2 580 972,489	30,628	30,165
7	13	99 145	81 997,363	2 496 704,794	30,449	29,986
8	14	99 129	79 789,227	2 414 707,431	30,264	29,801
9	15	99 110	77 639,275	2 334 918,204	30,074	29,611
10	16	99 090	75 545,810	2 257 278,930	29,880	29,417
11	17	99 068	73 507,874	2 181 733,120	29,680	29,217
12	18	99 045	71 523,648	2 108 225,246	29,476	29,013
13	19	99 017	69 589,761	2 036 701,598	29,267	28,804
14	20	98 988	67 707,712	1 967 111,838	29,053	28,590
15	21	98 958	65 875,425	1 899 404,125	28,833	28,370
16	22	98 927	64 092,087	1 833 528,700	28,608	28,145
17	23	98 884	62 349,869	1 769 436,614	28,379	27,916
18	24	98 834	60 650,183	1 707 086,744	28,146	27,684
19	25	98 779	58 994,309	1 646 436,561	27,908	27,446
20	26	98 719	57 380,710	1 587 442,253	27,665	27,202
21	27	98 656	55 808,941	1 530 061,543	27,416	26,953
22	28	98 590	54 279,122	1 474 252,602	27,161	26,698
23	29	98 521	52 789,402	1 419 973,480	26,899	26,436
24	30	98 450	51 339,665	1 367 184,078	26,630	26,167
25	31	98 373	49 926,628	1 315 844,413	26,356	25,893
26	32	98 295	48 551,511	1 265 917,785	26,074	25,611
27	33	98 214	47 213,299	1 217 366,274	25,784	25,322
28	34	98 127	45 909,084	1 170 152,975	25,488	25,026
29	35	98 038	44 639,893	1 124 243,891	25,185	24,722
30	36	97 943	43 402,799	1 079 603,998	24,874	24,411
31	37	97 841	42 197,038	1 036 201,200	24,556	24,093
32	38	97 728	41 020,521	994 004,162	24,232	23,769
33	39	97 603	39 871,316	952 983,641	23,901	23,439
34	40	97 475	38 753,548	913 112,325	23,562	23,099
35	41	97 331	37 660,399	874 358,778	23,217	22,754
36	42	97 170	36 591,982	836 698,379	22,866	22,403
37	43	97 003	35 551,511	800 106,397	22,506	22,043
38	44	96 825	34 536,483	764 554,886	22,138	21,675
39	45	96 625	33 542,623	730 018,403	21,764	21,301
40	46	96 412	32 573,000	696 475,780	21,382	20,919
41	47	96 169	31 621,176	663 902,780	20,996	20,533
42	48	95 903	30 690,047	632 281,603	20,602	20,139
43	49	95 607	29 776,448	601 591,556	20,204	19,741
44	50	95 278	28 879,644	571 815,109	19,800	19,337
45	51	94 919	28 000,953	542 935,465	19,390	18,927
46	52	94 516	27 135,756	514 934,512	18,976	18,513
47	53	94 078	26 287,094	487 798,756	18,557	18,094
48	54	93 588	25 450,203	461 511,662	18,134	17,671
49	55	93 046	24 625,739	436 061,458	17,708	17,245
50	56	92 446	23 812,075	411 435,719	17,278	16,816
51	57	91 788	23 009,674	387 623,644	16,846	16,383
52	58	91 068	22 218,324	364 613,970	16,411	15,948
53	59	90 265	21 433,031	342 395,646	15,975	15,512
54	60	89 381	20 655,137	320 962,615	15,539	15,076
55	61	88 404	19 882,502	300 307,478	15,104	14,641
56	62	87 369	19 123,793	280 424,976	14,664	14,201
57	63	86 245	18 372,512	261 301,182	14,222	13,760
58	64	85 031	17 629,115	242 928,671	13,780	13,317
59	65	83 699	16 888,498	225 299,556	13,340	12,878
60	66	82 260	16 153,976	208 411,058	12,902	12,439
61	67	80 723	15 427,814	192 257,082	12,462	11,999
62	68	79 062	14 705,956	176 829,268	12,024	11,562
63	69	77 305	13 994,379	162 123,312	11,585	11,122
64	70	75 443	13 291,674	148 128,934	11,144	10,682
65	71	73 460	12 595,896	134 837,259	10,705	10,242
66	72	71 362	11 908,773	122 241,363	10,265	9,802
67	73	69 184	11 236,324	110 332,590	9,819	9,356
68	74	66 890	10 572,986	99 096,266	9,373	8,910
69	75	64 516	9 924,802	88 523,280	8,919	8,457
70	76	61 980	9 279,482	78 598,478	8,470	8,007
71	77	59 269	8 636,092	69 318,996	8,027	7,564
72	78	56 409	7 999,445	60 682,905	7,586	7,123
73	79	53 391	7 368,721	52 683,460	7,150	6,687
74	80	50 172	6 739,149	45 314,738	6,724	6,261
75	81	46 753	6 111,870	38 575,589	6,312	5,849
76	82	43 172	5 492,680	32 463,719	5,910	5,448
77	83	39 455	4 885,472	26 971,039	5,521	5,058
78	84	35 631	4 293,792	22 085,567	5,144	4,681
79	85	31 699	3 717,713	17 791,775	4,786	4,323
80	86	27 722	3 164,265	14 074,062	4,448	3,985
81	87	23 777	2 641,401	10 909,797	4,130	3,667
82	88	19 949	2 156,847	8 268,396	3,834	3,371
83	89	16 338	1 719,157	6 111,549	3,555	3,092
84	90	12 995	1 330,790	4 392,392	3,301	2,838
85	91	10 017	998,373	3 061,602	3,067	2,604
86	92	7 444	722,075	2 063,229	2,857	2,395
87	93	5 322	502,418	1 341,154	2,669	2,207
88	94	3 649	335,255	838,736	2,502	2,039
89	95	2 379	212,733	503,481	2,367	1,904
90	96	1 496	130,223	290,748	2,233	1,770
91	97	897	75,960	160,525	2,113	1,650
92	98	517	42,627	84,566	1,984	1,521
93	99	279	22,377	41,938	1,874	1,411
94	100	141	11,025	19,562	1,774	1,312

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	3 129 919,592	31,417	30,955
1	8	99 266	96 608,786	3 030 295,847	31,367	30,904
2	9	99 232	93 991,717	2 933 687,061	31,212	30,749
3	10	99 210	91 455,938	2 839 695,343	31,050	30,587
4	11	99 192	88 991,480	2 748 239,405	30,882	30,419
5	12	99 173	86 593,217	2 659 247,925	30,710	30,247
6	13	99 156	84 261,028	2 572 654,708	30,532	30,069
7	14	99 137	81 990,334	2 488 393,680	30,350	29,887
8	15	99 118	79 780,854	2 406 403,346	30,163	29,700
9	16	99 098	77 629,562	2 326 622,492	29,971	29,508
10	17	99 076	75 535,150	2 248 992,930	29,774	29,311
11	18	99 054	73 497,111	2 173 457,780	29,572	29,109
12	19	99 025	71 509,082	2 099 960,669	29,366	28,904
13	20	98 998	69 576,328	2 028 451,586	29,154	28,692
14	21	98 970	67 695,175	1 958 875,258	28,937	28,474
15	22	98 942	65 864,519	1 891 180,083	28,713	28,250
16	23	98 910	64 080,996	1 825 315,564	28,485	28,022
17	24	98 863	62 336,340	1 761 234,569	28,254	27,791
18	25	98 817	60 639,898	1 698 898,228	28,016	27,553
19	26	98 761	58 983,308	1 638 258,330	27,775	27,312
20	27	98 700	57 369,545	1 579 275,021	27,528	27,065
21	28	98 634	55 796,750	1 521 905,476	27,276	26,813
22	29	98 565	54 265,585	1 466 108,726	27,017	26,554
23	30	98 496	52 775,741	1 411 843,140	26,752	26,289
24	31	98 421	51 324,421	1 359 067,399	26,480	26,017
25	32	98 342	49 910,692	1 307 742,979	26,202	25,739
26	33	98 261	48 534,662	1 257 832,287	25,916	25,453
27	34	98 179	47 196,489	1 209 297,625	25,623	25,160
28	35	98 089	45 891,128	1 162 101,137	25,323	24,860
29	36	97 999	44 621,926	1 116 210,009	25,015	24,552
30	37	97 897	43 382,449	1 071 588,083	24,701	24,238
31	38	97 795	42 177,618	1 028 205,633	24,378	23,915
32	39	97 671	40 996,496	986 028,016	24,052	23,589
33	40	97 544	39 847,565	945 031,519	23,716	23,253
34	41	97 409	38 727,246	905 183,955	23,373	22,910
35	42	97 256	37 631,669	866 456,709	23,025	22,562
36	43	97 089	36 561,618	828 825,040	22,669	22,206
37	44	96 916	35 519,517	792 263,422	22,305	21,842
38	45	96 726	34 501,254	756 743,905	21,934	21,471
39	46	96 517	33 505,325	722 242,651	21,556	21,093
40	47	96 290	32 531,641	688 737,326	21,171	20,708
41	48	96 031	31 575,846	656 205,684	20,782	20,319
42	49	95 750	30 640,956	624 629,838	20,385	19,923
43	50	95 434	29 722,509	593 988,882	19,984	19,522
44	51	95 090	28 822,732	564 266,373	19,577	19,114
45	52	94 710	27 939,105	535 443,641	19,165	18,702
46	53	94 284	27 069,130	507 504,537	18,748	18,286
47	54	93 821	26 215,248	480 435,407	18,327	17,864
48	55	93 306	25 373,607	454 220,159	17,901	17,438
49	56	92 738	24 544,145	428 846,552	17,472	17,010
50	57	92 112	23 725,902	404 302,407	17,041	16,578
51	58	91 421	22 917,813	380 576,505	16,606	16,143
52	59	90 666	22 120,329	357 658,692	16,169	15,706
53	60	89 829	21 329,509	335 538,363	15,731	15,268
54	61	88 899	20 543,785	314 208,854	15,295	14,832
55	62	87 909	19 771,257	293 665,069	14,853	14,390
56	63	86 838	19 007,585	273 893,812	14,410	13,947
57	64	85 677	18 251,539	254 886,227	13,965	13,502
58	65	84 411	17 500,645	236 634,687	13,521	13,059
59	66	83 028	16 753,184	219 134,042	13,080	12,617
60	67	81 542	16 012,864	202 380,857	12,639	12,176
61	68	79 940	15 278,250	186 367,993	12,198	11,735
62	69	78 254	14 555,738	171 089,743	11,754	11,291
63	70	76 442	13 838,031	156 534,005	11,312	10,849
64	71	74 523	13 129,735	142 695,974	10,868	10,405
65	72	72 476	12 427,233	129 566,239	10,426	9,963
66	73	70 334	11 737,176	117 139,007	9,980	9,517
67	74	68 113	11 062,355	105 401,831	9,528	9,065
68	75	65 746	10 392,099	94 339,476	9,078	8,615
69	76	63 286	9 735,560	83 947,377	8,623	8,160
70	77	60 627	9 076,947	74 211,817	8,176	7,713
71	78	57 820	8 424,923	65 134,870	7,731	7,268
72	79	54 824	7 774,659	56 709,947	7,294	6,831
73	80	51 633	7 126,119	48 935,288	6,867	6,404
74	81	48 245	6 480,312	41 809,170	6,452	5,989
75	82	44 693	5 842,565	35 328,857	6,047	5,584
76	83	40 999	5 216,170	29 486,292	5,653	5,190
77	84	37 164	4 601,715	24 270,122	5,274	4,811
78	85	33 236	4 005,159	19 668,407	4,911	4,448
79	86	29 251	3 430,627	15 663,249	4,566	4,103
80	87	25 257	2 882,937	12 232,622	4,243	3,780
81	88	21 371	2 374,118	9 349,684	3,938	3,475
82	89	17 659	1 909,186	6 975,566	3,654	3,191
83	90	14 199	1 494,088	5 066,380	3,391	2,928
84	91	11 073	1 133,917	3 572,292	3,150	2,688
85	92	8 341	831,310	2 438,375	2,933	2,470
86	93	6 048	586,644	1 607,065	2,739	2,277
87	94	4 209	397,313	1 020,421	2,568	2,105
88	95	2 791	256,412	623,108	2,430	1,967
89	96	1 787	159,755	366,695	2,295	1,833
90	97	1 093	95,130	206,940	2,175	1,713
91	98	648	54,915	111,811	2,036	1,573
92	99	360	29,638	56,896	1,920	1,457
93	100	187	14,980	27,258	1,820	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	3 121 045,012	31,330	30,867
1	9	99 259	96 602,805	3 021 426,177	31,277	30,814
2	10	99 226	93 985,636	2 924 823,373	31,120	30,657
3	11	99 205	91 450,519	2 830 837,737	30,955	30,492
4	12	99 184	88 984,851	2 739 387,218	30,785	30,322
5	13	99 165	86 586,366	2 650 402,367	30,610	30,147
6	14	99 147	84 253,806	2 563 816,001	30,430	29,967
7	15	99 127	81 981,730	2 479 562,195	30,245	29,782
8	16	99 106	79 770,873	2 397 580,465	30,056	29,593
9	17	99 084	77 618,608	2 317 809,591	29,862	29,399
10	18	99 061	75 524,090	2 240 190,983	29,662	29,199
11	19	99 033	73 482,144	2 164 666,893	29,458	28,996
12	20	99 006	71 495,279	2 091 184,749	29,249	28,786
13	21	98 979	69 563,445	2 019 689,469	29,034	28,571
14	22	98 954	67 683,968	1 950 126,025	28,812	28,349
15	23	98 924	65 853,121	1 882 442,057	28,585	28,123
16	24	98 888	64 067,091	1 816 588,936	28,354	27,892
17	25	98 846	62 325,770	1 752 521,845	28,119	27,656
18	26	98 799	60 628,591	1 690 196,075	27,878	27,415
19	27	98 741	58 971,832	1 629 567,483	27,633	27,170
20	28	98 679	57 357,014	1 570 595,651	27,383	26,920
21	29	98 610	55 782,835	1 513 238,637	27,127	26,664
22	30	98 540	54 251,542	1 457 455,802	26,865	26,402
23	31	98 466	52 760,070	1 403 204,260	26,596	26,133
24	32	98 390	51 308,038	1 350 444,190	26,320	25,858
25	33	98 308	49 893,370	1 299 136,151	26,038	25,575
26	34	98 226	48 517,381	1 249 242,781	25,748	25,286
27	35	98 141	47 178,030	1 200 725,400	25,451	24,988
28	36	98 049	45 872,657	1 153 547,371	25,147	24,684
29	37	97 953	44 601,005	1 107 674,713	24,835	24,372
30	38	97 852	43 362,484	1 063 073,708	24,516	24,053
31	39	97 738	42 152,916	1 019 711,224	24,191	23,728
32	40	97 613	40 972,075	977 558,308	23,859	23,396
33	41	97 478	39 820,520	936 586,234	23,520	23,057
34	42	97 335	38 697,702	896 765,713	23,174	22,711
35	43	97 176	37 600,442	858 068,011	22,821	22,358
36	44	97 002	36 528,715	820 467,569	22,461	21,998
37	45	96 817	35 483,286	783 938,854	22,093	21,630
38	46	96 619	34 462,890	748 455,569	21,718	21,255
39	47	96 395	33 462,782	713 992,678	21,337	20,874
40	48	96 152	32 485,006	680 529,896	20,949	20,486
41	49	95 877	31 525,338	648 044,890	20,556	20,093
42	50	95 577	30 585,451	616 519,552	20,157	19,694
43	51	95 246	29 663,936	585 934,101	19,752	19,290
44	52	94 880	28 759,069	556 270,165	19,342	18,880
45	53	94 477	27 870,506	527 511,096	18,927	18,464
46	54	94 026	26 995,146	499 640,590	18,509	18,046
47	55	93 539	26 136,350	472 645,444	18,084	17,621
48	56	92 997	25 289,535	446 509,095	17,656	17,193
49	57	92 402	24 455,322	421 219,560	17,224	16,761
50	58	91 744	23 631,181	396 764,238	16,790	16,327
51	59	91 018	22 816,733	373 133,056	16,353	15,891
52	60	90 229	22 013,488	350 316,323	15,914	15,451
53	61	89 345	21 214,521	328 302,836	15,475	15,013
54	62	88 402	20 428,840	307 088,315	15,032	14,569
55	63	87 375	19 651,115	286 659,474	14,587	14,125
56	64	86 266	18 882,431	267 008,360	14,141	13,678
57	65	85 053	18 118,534	248 125,928	13,695	13,232
58	66	83 735	17 360,427	230 007,394	13,249	12,786
59	67	82 303	16 606,838	212 646,967	12,805	12,342
60	68	80 751	15 857,629	196 040,129	12,363	11,900
61	69	79 124	15 122,186	180 182,500	11,915	11,452
62	70	77 380	14 393,118	165 060,314	11,468	11,005
63	71	75 510	13 669,435	150 667,195	11,022	10,559
64	72	73 526	12 953,923	136 997,760	10,576	10,113
65	73	71 432	12 248,165	124 043,837	10,128	9,665
66	74	69 245	11 555,452	111 795,672	9,675	9,212
67	75	66 948	10 873,096	100 240,221	9,219	8,756
68	76	64 492	10 193,947	89 367,125	8,767	8,304
69	77	61 905	9 523,071	79 173,178	8,314	7,851
70	78	59 145	8 854,999	69 650,107	7,866	7,403
71	79	56 195	8 188,181	60 795,108	7,425	6,962
72	80	53 019	7 518,691	52 606,928	6,997	6,534
73	81	49 650	6 852,419	45 088,236	6,580	6,117
74	82	46 119	6 194,773	38 235,817	6,172	5,709
75	83	42 443	5 548,441	32 041,044	5,775	5,312
76	84	38 617	4 913,205	26 492,603	5,392	4,929
77	85	34 666	4 292,383	21 579,398	5,027	4,565
78	86	30 669	3 695,875	17 287,015	4,677	4,215
79	87	26 650	3 125,618	13 591,140	4,348	3,885
80	88	22 701	2 591,213	10 465,522	4,039	3,576
81	89	18 917	2 101,510	7 874,309	3,747	3,284
82	90	15 347	1 659,239	5 772,800	3,479	3,016
83	91	12 099	1 273,057	4 113,560	3,231	2,768
84	92	9 220	944,173	2 840,503	3,008	2,546
85	93	6 777	675,391	1 896,330	2,808	2,345
86	94	4 783	463,919	1 220,939	2,632	2,169
87	95	3 219	303,876	757,020	2,491	2,028
88	96	2 096	192,557	453,144	2,353	1,890
89	97	1 305	116,703	260,587	2,233	1,770
90	98	790	68,773	143,883	2,092	1,629
91	99	451	38,181	75,110	1,967	1,504
92	100	241	19,842	36,929	1,861	1,398

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	3 111 635,053	31,237	30,775
1	10	99 253	96 596,554	3 012 022,386	31,181	30,719
2	11	99 220	93 980,066	2 915 425,832	31,022	30,559
3	12	99 197	91 443,708	2 821 445,766	30,854	30,392
4	13	99 177	88 977,811	2 730 002,058	30,682	30,219
5	14	99 157	86 578,944	2 641 024,247	30,504	30,041
6	15	99 137	84 244,964	2 554 445,303	30,322	29,859
7	16	99 114	81 971,474	2 470 200,338	30,135	29,672
8	17	99 092	79 759,617	2 388 228,864	29,943	29,480
9	18	99 069	77 607,243	2 308 469,247	29,746	29,283
10	19	99 041	75 508,710	2 230 862,003	29,544	29,082
11	20	99 014	73 467,960	2 155 353,293	29,337	28,875
12	21	98 987	71 482,041	2 081 885,333	29,125	28,662
13	22	98 963	69 551,928	2 010 403,292	28,905	28,442
14	23	98 936	67 672,255	1 940 851,364	28,680	28,217
15	24	98 903	65 838,832	1 873 179,109	28,451	27,988
16	25	98 871	64 056,227	1 807 340,277	28,215	27,752
17	26	98 827	62 314,149	1 743 284,049	27,976	27,513
18	27	98 779	60 616,795	1 680 969,901	27,731	27,268
19	28	98 720	58 958,951	1 620 353,106	27,483	27,020
20	29	98 654	57 342,710	1 561 394,155	27,229	26,766
21	30	98 584	55 768,399	1 504 051,446	26,970	26,507
22	31	98 511	54 235,433	1 448 283,046	26,704	26,241
23	32	98 435	52 743,229	1 394 047,613	26,431	25,968
24	33	98 355	51 290,232	1 341 304,383	26,151	25,688
25	34	98 273	49 875,606	1 290 014,152	25,865	25,402
26	35	98 187	48 498,405	1 240 138,546	25,571	25,108
27	36	98 101	47 159,041	1 191 640,141	25,269	24,806
28	37	98 003	45 851,150	1 144 481,099	24,961	24,498
29	38	97 908	44 580,479	1 098 629,949	24,644	24,181
30	39	97 795	43 337,088	1 054 049,470	24,322	23,859
31	40	97 680	42 127,805	1 010 712,382	23,992	23,529
32	41	97 546	40 944,267	968 584,577	23,656	23,193
33	42	97 404	39 790,143	927 640,310	23,313	22,850
34	43	97 254	38 665,590	887 850,167	22,962	22,499
35	44	97 088	37 566,604	849 184,577	22,605	22,142
36	45	96 903	36 491,454	811 617,973	22,241	21,778
37	46	96 709	35 443,830	775 126,519	21,869	21,406
38	47	96 496	34 419,132	739 682,689	21,490	21,028
39	48	96 257	33 414,812	705 263,557	21,106	20,643
40	49	95 998	32 433,044	671 848,745	20,715	20,252
41	50	95 703	31 468,232	639 415,702	20,319	19,857
42	51	95 388	30 525,178	607 947,470	19,916	19,453
43	52	95 036	29 598,415	577 422,292	19,509	19,046
44	53	94 647	28 688,457	547 823,877	19,096	18,633
45	54	94 219	27 794,332	519 135,421	18,678	18,215
46	55	93 743	26 913,900	491 341,089	18,256	17,793
47	56	93 229	26 049,750	464 427,189	17,828	17,366
48	57	92 660	25 198,015	438 377,439	17,397	16,934
49	58	92 033	24 357,690	413 179,424	16,963	16,500
50	59	91 339	23 526,955	388 821,734	16,527	16,064
51	60	90 578	22 706,528	365 294,780	16,088	15,625
52	61	89 742	21 894,812	342 588,252	15,647	15,184
53	62	88 845	21 095,824	320 693,439	15,202	14,739
54	63	87 865	20 304,702	299 597,615	14,755	14,292
55	64	86 800	19 521,723	279 292,914	14,307	13,844
56	65	85 637	18 744,828	259 771,190	13,858	13,395
57	66	84 371	17 973,365	241 026,362	13,410	12,947
58	67	83 003	17 208,777	223 052,997	12,962	12,499
59	68	81 505	16 445,845	205 844,220	12,516	12,054
60	69	79 926	15 695,647	189 398,375	12,067	11,604
61	70	78 240	14 953,238	173 702,728	11,616	11,154
62	71	76 437	14 217,759	158 749,490	11,166	10,703
63	72	74 499	13 486,396	144 531,731	10,717	10,254
64	73	72 466	12 767,266	131 045,334	10,264	9,801
65	74	70 326	12 058,529	118 278,068	9,809	9,346
66	75	68 060	11 357,756	106 219,539	9,352	8,889
67	76	65 671	10 665,773	94 861,783	8,894	8,431
68	77	63 085	9 971,453	84 196,010	8,444	7,981
69	78	60 391	9 290,214	74 224,557	7,990	7,527
70	79	57 483	8 606,171	64 934,343	7,545	7,082
71	80	54 345	7 918,599	56 328,172	7,113	6,651
72	81	50 983	7 229,914	48 409,573	6,696	6,233
73	82	47 462	6 550,484	41 179,659	6,287	5,824
74	83	43 797	5 882,918	34 629,176	5,886	5,424
75	84	39 978	5 226,177	28 746,257	5,500	5,038
76	85	36 022	4 582,935	23 520,080	5,132	4,669
77	86	31 989	3 960,920	18 937,145	4,781	4,318
78	87	27 942	3 367,284	14 976,226	4,448	3,985
79	88	23 953	2 809,336	11 608,942	4,132	3,669
80	89	20 095	2 293,677	8 799,606	3,836	3,374
81	90	16 441	1 826,384	6 505,929	3,562	3,099
82	91	13 076	1 413,777	4 679,545	3,310	2,847
83	92	10 074	1 060,030	3 265,769	3,081	2,618
84	93	7 491	767,085	2 205,738	2,875	2,413
85	94	5 359	534,100	1 438,653	2,694	2,231
86	95	3 658	354,818	904,553	2,549	2,087
87	96	2 417	228,201	549,735	2,409	1,946
88	97	1 531	140,666	321,534	2,286	1,823
89	98	944	84,370	180,868	2,144	1,681
90	99	549	47,816	96,498	2,018	1,555
91	100	302	25,561	48,682	1,905	1,442

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	3 101 680,386	31,139	30,677
1	11	99 247	96 590,830	3 002 074,164	31,080	30,618
2	12	99 213	93 973,067	2 905 483,334	30,918	30,455
3	13	99 189	91 436,473	2 811 510,268	30,748	30,285
4	14	99 168	88 970,184	2 720 073,794	30,573	30,110
5	15	99 146	86 569,859	2 631 103,610	30,393	29,930
6	16	99 124	84 234,425	2 544 533,751	30,208	29,745
7	17	99 100	81 959,908	2 460 299,326	30,018	29,556
8	18	99 077	79 747,939	2 378 339,418	29,823	29,360
9	19	99 049	77 591,439	2 298 591,479	29,624	29,161
10	20	99 022	75 494,135	2 221 000,040	29,420	28,957
11	21	98 996	73 454,356	2 145 505,904	29,209	28,746
12	22	98 971	71 470,206	2 072 051,548	28,992	28,529
13	23	98 946	69 539,892	2 000 581,342	28,769	28,306
14	24	98 915	67 657,571	1 931 041,449	28,541	28,079
15	25	98 886	65 827,668	1 863 383,878	28,307	27,844
16	26	98 853	64 044,283	1 797 556,210	28,067	27,605
17	27	98 808	62 302,024	1 733 511,927	27,824	27,362
18	28	98 758	60 603,554	1 671 209,903	27,576	27,113
19	29	98 695	58 944,247	1 610 606,349	27,324	26,861
20	30	98 628	57 327,870	1 551 662,102	27,066	26,604
21	31	98 555	55 751,840	1 494 334,231	26,803	26,340
22	32	98 479	54 218,122	1 438 582,391	26,533	26,070
23	33	98 401	52 724,925	1 384 364,270	26,256	25,794
24	34	98 320	51 271,970	1 331 639,345	25,972	25,509
25	35	98 235	49 856,099	1 280 367,375	25,681	25,218
26	36	98 148	48 478,885	1 230 511,276	25,382	24,920
27	37	98 055	47 136,931	1 182 032,391	25,077	24,614
28	38	97 958	45 830,048	1 134 895,460	24,763	24,300
29	39	97 851	44 554,370	1 089 065,411	24,444	23,981
30	40	97 736	43 311,272	1 044 511,042	24,116	23,654
31	41	97 614	42 099,213	1 001 199,770	23,782	23,319
32	42	97 472	40 913,032	959 100,556	23,442	22,980
33	43	97 323	39 757,124	918 187,524	23,095	22,632
34	44	97 166	38 630,794	878 430,400	22,739	22,276
35	45	96 989	37 528,285	839 799,606	22,378	21,915
36	46	96 795	36 450,877	802 271,321	22,010	21,547
37	47	96 587	35 398,826	765 820,444	21,634	21,171
38	48	96 358	34 369,790	730 421,618	21,252	20,789
39	49	96 103	33 361,362	696 051,828	20,864	20,401
40	50	95 824	32 374,293	662 690,465	20,470	20,007
41	51	95 515	31 406,218	630 316,172	20,070	19,607
42	52	95 178	30 457,754	598 909,954	19,664	19,201
43	53	94 802	29 525,742	568 452,200	19,253	18,790
44	54	94 389	28 610,047	538 926,458	18,837	18,374
45	55	93 935	27 710,681	510 316,411	18,416	17,953
46	56	93 433	26 824,724	482 605,730	17,991	17,528
47	57	92 891	25 955,479	455 781,006	17,560	17,097
48	58	92 290	25 097,417	429 825,527	17,126	16,663
49	59	91 628	24 250,259	404 728,110	16,690	16,227
50	60	90 898	23 413,319	380 477,851	16,250	15,788
51	61	90 090	22 584,117	357 064,532	15,810	15,348
52	62	89 240	21 772,309	334 480,415	15,363	14,900
53	63	88 305	20 967,632	312 708,107	14,914	14,451
54	64	87 286	20 171,007	291 740,474	14,463	14,001
55	65	86 167	19 379,462	271 569,467	14,013	13,550
56	66	84 951	18 594,642	252 190,005	13,563	13,100
57	67	83 634	17 816,360	233 595,364	13,111	12,648
58	68	82 199	17 041,948	215 779,003	12,662	12,199
59	69	80 672	16 277,854	198 737,055	12,209	11,746
60	70	79 033	15 520,292	182 459,201	11,756	11,293
61	71	77 286	14 771,055	166 938,909	11,302	10,839
62	72	75 414	14 027,378	152 167,854	10,848	10,385
63	73	73 426	13 292,066	138 140,476	10,393	9,930
64	74	71 344	12 569,593	124 848,409	9,933	9,470
65	75	69 122	11 852,227	112 278,816	9,473	9,010
66	76	66 762	11 141,192	100 426,589	9,014	8,551
67	77	64 238	10 432,981	89 285,397	8,558	8,095
68	78	61 542	9 727,633	78 852,416	8,106	7,643
69	79	58 694	9 029,157	69 124,784	7,656	7,193
70	80	55 590	8 322,827	60 095,627	7,221	6,758
71	81	52 258	7 614,461	51 772,800	6,799	6,336
72	82	48 737	6 911,345	44 158,338	6,389	5,926
73	83	45 073	6 220,722	37 246,993	5,988	5,525
74	84	41 254	5 541,227	31 026,271	5,599	5,136
75	85	37 291	4 874,869	25 485,044	5,228	4,765
76	86	33 240	4 229,035	20 610,175	4,873	4,411
77	87	29 145	3 608,763	16 381,140	4,539	4,076
78	88	25 115	3 026,548	12 772,377	4,220	3,757
79	89	21 203	2 486,754	9 745,829	3,919	3,456
80	90	17 464	1 993,393	7 259,075	3,642	3,179
81	91	14 009	1 556,194	5 265,682	3,384	2,921
82	92	10 888	1 177,202	3 709,488	3,151	2,688
83	93	8 185	861,213	2 532,286	2,940	2,478
84	94	5 924	606,612	1 671,073	2,755	2,292
85	95	4 099	408,495	1 064,461	2,606	2,143
86	96	2 747	266,457	655,966	2,462	1,999
87	97	1 766	166,704	389,509	2,337	1,874
88	98	1 107	101,694	222,806	2,191	1,728
89	99	656	58,660	121,112	2,065	1,602
90	100	368	32,012	62,452	1,951	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	3 091 171,630	31,036	30,573
1	12	99 240	96 583,636	2 991 571,310	30,974	30,511
2	13	99 205	93 965,632	2 894 987,675	30,809	30,346
3	14	99 181	91 428,635	2 801 022,043	30,636	30,173
4	15	99 158	88 960,848	2 709 593,407	30,458	29,995
5	16	99 134	86 559,029	2 620 632,560	30,276	29,813
6	17	99 110	84 222,540	2 534 073,531	30,088	29,625
7	18	99 086	81 947,907	2 449 850,991	29,895	29,432
8	19	99 057	79 731,699	2 367 903,084	29,698	29,236
9	20	99 030	77 576,462	2 288 171,385	29,496	29,033
10	21	99 004	75 480,156	2 210 594,922	29,287	28,824
11	22	98 980	73 442,196	2 135 114,766	29,072	28,609
12	23	98 954	71 457,839	2 061 672,571	28,852	28,389
13	24	98 924	69 524,803	1 990 214,732	28,626	28,163
14	25	98 898	67 646,099	1 920 689,929	28,393	27,930
15	26	98 868	65 815,393	1 853 043,830	28,155	27,692
16	27	98 834	64 031,822	1 787 228,437	27,912	27,449
17	28	98 787	62 288,416	1 723 196,615	27,665	27,202
18	29	98 733	60 588,440	1 660 908,199	27,413	26,950
19	30	98 670	58 928,993	1 600 319,759	27,157	26,694
20	31	98 599	57 310,848	1 541 390,766	26,895	26,432
21	32	98 523	55 734,044	1 484 079,918	26,628	26,165
22	33	98 445	54 199,305	1 428 345,874	26,354	25,891
23	34	98 366	52 706,153	1 374 146,568	26,072	25,609
24	35	98 282	51 251,917	1 321 440,416	25,783	25,320
25	36	98 195	49 836,033	1 270 188,499	25,487	25,025
26	37	98 102	48 456,156	1 220 352,466	25,185	24,722
27	38	98 010	47 115,237	1 171 896,310	24,873	24,410
28	39	97 901	45 803,208	1 124 781,073	24,557	24,094
29	40	97 792	44 527,829	1 078 977,865	24,232	23,769
30	41	97 670	43 281,877	1 034 450,037	23,900	23,437
31	42	97 539	42 067,097	991 168,160	23,562	23,099
32	43	97 391	40 879,082	949 101,063	23,217	22,754
33	44	97 235	39 721,346	908 221,980	22,865	22,402
34	45	97 067	38 591,389	868 500,635	22,505	22,042
35	46	96 881	37 486,555	829 909,246	22,139	21,676
36	47	96 672	36 404,594	792 422,691	21,767	21,304
37	48	96 448	35 348,080	756 018,096	21,388	20,925
38	49	96 204	34 314,813	720 670,016	21,002	20,539
39	50	95 929	33 300,930	686 355,203	20,611	20,148
40	51	95 635	32 310,494	653 054,273	20,212	19,749
41	52	95 304	31 336,849	620 743,779	19,809	19,346
42	53	94 944	30 382,971	589 406,930	19,399	18,936
43	54	94 543	29 445,044	559 023,959	18,985	18,523
44	55	94 104	28 523,941	529 578,915	18,566	18,103
45	56	93 624	27 618,865	501 054,974	18,142	17,679
46	57	93 095	26 727,648	473 436,109	17,713	17,251
47	58	92 520	25 851,857	446 708,461	17,280	16,817
48	59	91 883	24 986,724	420 856,604	16,843	16,380
49	60	91 185	24 133,130	395 869,880	16,404	15,941
50	61	90 408	23 287,098	371 736,750	15,963	15,500
51	62	89 586	22 457,756	348 449,652	15,516	15,053
52	63	88 698	21 640,006	325 991,896	15,064	14,601
53	64	87 724	20 829,573	304 351,890	14,612	14,149
54	65	86 650	20 024,014	283 522,317	14,159	13,696
55	66	85 477	19 224,190	263 498,303	13,707	13,244
56	67	84 209	18 432,210	244 274,113	13,253	12,790
57	68	82 823	17 643,641	225 841,903	12,800	12,337
58	69	81 359	16 867,868	208 198,262	12,343	11,880
59	70	79 771	16 095,995	191 330,394	11,887	11,424
60	71	78 070	15 331,200	175 234,399	11,430	10,967
61	72	76 252	14 573,265	159 903,199	10,972	10,510
62	73	74 327	13 825,253	145 329,934	10,512	10,049
63	74	72 289	13 086,269	131 504,680	10,049	9,586
64	75	70 124	12 354,548	118 418,412	9,585	9,122
65	76	67 804	11 626,234	106 063,864	9,123	8,660
66	77	65 305	10 898,023	94 437,630	8,666	8,203
67	78	62 667	10 177,875	83 539,606	8,208	7,745
68	79	59 813	9 454,284	73 361,732	7,760	7,297
69	80	56 762	8 731,887	63 907,448	7,319	6,856
70	81	53 455	8 003,165	55 175,561	6,894	6,431
71	82	49 955	7 278,949	47 172,396	6,481	6,018
72	83	46 283	6 563,417	39 893,448	6,078	5,615
73	84	42 455	5 859,411	33 330,030	5,688	5,225
74	85	38 480	5 168,741	27 470,620	5,315	4,852
75	86	34 411	4 498,425	22 301,879	4,958	4,495
76	87	30 285	3 853,041	17 803,454	4,621	4,158
77	88	26 196	3 243,592	13 950,413	4,301	3,838
78	89	22 231	2 679,024	10 706,821	3,997	3,534
79	90	18 427	2 161,193	8 027,796	3,715	3,252
80	91	14 880	1 698,496	5 866,603	3,454	2,991
81	92	11 664	1 295,789	4 168,107	3,217	2,754
82	93	8 846	956,408	2 872,318	3,003	2,540
83	94	6 472	681,048	1 915,910	2,813	2,350
84	95	4 531	463,954	1 234,862	2,662	2,199
85	96	3 078	306,766	770,908	2,513	2,050
86	97	2 007	194,650	464,142	2,384	1,922
87	98	1 277	120,518	269,492	2,236	1,773
88	99	770	70,704	148,974	2,107	1,644
89	100	439	39,271	78,270	1,993	1,530

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	3 080 099,283	30,927	30,464
1	13	99 232	96 575,994	2 980 506,383	30,862	30,399
2	14	99 196	93 957,577	2 883 930,388	30,694	30,231
3	15	99 170	91 419,041	2 789 972,811	30,519	30,056
4	16	99 145	88 949,719	2 698 553,770	30,338	29,875
5	17	99 120	86 546,815	2 609 604,051	30,153	29,690
6	18	99 096	84 210,208	2 523 057,236	29,961	29,499
7	19	99 065	81 931,219	2 438 847,028	29,767	29,304
8	20	99 038	79 716,309	2 356 915,809	29,566	29,103
9	21	99 012	77 562,098	2 277 199,500	29,360	28,897
10	22	98 987	75 467,660	2 199 637,402	29,147	28,684
11	23	98 962	73 429,487	2 124 169,742	28,928	28,465
12	24	98 932	71 442,333	2 050 740,256	28,705	28,242
13	25	98 908	69 513,014	1 979 297,922	28,474	28,011
14	26	98 880	67 633,485	1 909 784,908	28,237	27,774
15	27	98 849	65 802,587	1 842 151,423	27,995	27,532
16	28	98 812	64 017,836	1 776 348,836	27,748	27,285
17	29	98 762	62 272,881	1 712 331,000	27,497	27,034
18	30	98 708	60 572,761	1 650 058,119	27,241	26,778
19	31	98 640	58 911,495	1 589 485,358	26,981	26,518
20	32	98 568	57 292,555	1 530 573,863	26,715	26,252
21	33	98 489	55 714,702	1 473 281,308	26,443	25,980
22	34	98 410	54 180,008	1 417 566,606	26,164	25,701
23	35	98 327	52 685,538	1 363 386,598	25,878	25,415
24	36	98 242	51 231,289	1 310 701,060	25,584	25,121
25	37	98 149	49 812,667	1 259 469,771	25,284	24,821
26	38	98 057	48 433,855	1 209 657,104	24,975	24,513
27	39	97 953	47 087,644	1 161 223,249	24,661	24,198
28	40	97 843	45 775,922	1 114 135,605	24,339	23,876
29	41	97 726	44 497,608	1 068 359,682	24,009	23,547
30	42	97 595	43 248,859	1 023 862,075	23,674	23,211
31	43	97 458	42 032,190	980 613,216	23,330	22,867
32	44	97 304	40 842,294	938 581,026	22,981	22,518
33	45	97 136	39 680,828	897 738,732	22,624	22,161
34	46	96 959	38 548,477	858 057,904	22,259	21,796
35	47	96 758	37 438,957	819 509,427	21,889	21,426
36	48	96 534	36 352,407	782 070,470	21,514	21,051
37	49	96 294	35 291,538	745 718,063	21,130	20,667
38	50	96 029	34 252,654	710 426,525	20,741	20,278
39	51	95 739	33 235,305	676 173,871	20,345	19,882
40	52	95 424	32 239,127	642 938,566	19,943	19,480
41	53	95 070	31 259,907	610 699,439	19,536	19,073
42	54	94 684	30 299,930	579 439,532	19,123	18,661
43	55	94 259	29 356,425	549 139,601	18,706	18,243
44	56	93 793	28 429,430	519 783,176	18,283	17,820
45	57	93 285	27 518,915	491 353,746	17,855	17,392
46	58	92 723	26 620,944	463 834,831	17,424	16,961
47	59	92 112	25 737,836	437 213,887	16,987	16,524
48	60	91 440	24 866,038	411 476,051	16,548	16,085
49	61	90 693	24 003,028	386 610,013	16,107	15,644
50	62	89 902	23 156,804	362 606,985	15,659	15,196
51	63	89 042	22 321,289	339 450,181	15,207	14,745
52	64	88 114	21 497,519	317 128,893	14,752	14,289
53	65	87 085	20 677,780	295 631,373	14,297	13,834
54	66	85 956	19 863,578	274 953,593	13,842	13,379
55	67	84 730	19 056,259	255 090,015	13,386	12,923
56	68	83 393	18 253,520	236 033,756	12,931	12,468
57	69	81 977	17 463,415	217 780,235	12,471	12,008
58	70	80 450	16 679,417	200 316,820	12,010	11,547
59	71	78 799	15 899,889	183 637,403	11,550	11,087
60	72	77 025	15 125,910	167 737,514	11,089	10,627
61	73	75 153	14 363,274	152 611,604	10,625	10,162
62	74	73 176	13 611,200	138 248,330	10,157	9,694
63	75	71 052	12 862,383	124 637,130	9,690	9,227
64	76	68 786	12 118,977	111 774,746	9,223	8,760
65	77	66 325	11 372,479	99 655,769	8,763	8,300
66	78	63 708	10 631,546	88 283,290	8,304	7,841
67	79	60 906	9 891,874	77 651,744	7,850	7,387
68	80	57 843	9 143,018	67 759,870	7,411	6,948
69	81	54 581	8 396,513	58 616,853	6,981	6,518
70	82	51 100	7 650,524	50 220,339	6,564	6,101
71	83	47 440	6 912,515	42 569,815	6,158	5,696
72	84	43 595	6 182,202	35 657,300	5,768	5,305
73	85	39 601	5 465,536	29 475,098	5,393	4,930
74	86	35 509	4 769,604	24 009,563	5,034	4,571
75	87	31 352	4 098,480	19 239,959	4,694	4,232
76	88	27 220	3 463,152	15 141,479	4,372	3,909
77	89	23 188	2 871,147	11 678,327	4,067	3,605
78	90	19 321	2 328,292	8 807,180	3,783	3,320
79	91	15 701	1 841,473	6 478,889	3,518	3,055
80	92	12 390	1 414,279	4 637,416	3,279	2,816
81	93	9 477	1 052,753	3 223,137	3,062	2,599
82	94	6 996	756,329	2 170,385	2,870	2,407
83	95	4 950	520,885	1 414,056	2,715	2,252
84	96	3 402	348,414	893,171	2,564	2,101
85	97	2 248	224,097	544,758	2,431	1,968
86	98	1 451	140,721	320,661	2,279	1,816
87	99	888	83,792	179,939	2,147	1,685
88	100	515	47,335	96,147	2,031	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	3 068 456,473	30,812	30,350
1	14	99 223	96 567,716	2 968 871,451	30,744	30,281
2	15	99 186	93 947,718	2 872 303,736	30,573	30,111
3	16	99 158	91 407,604	2 778 356,018	30,395	29,932
4	17	99 131	88 937,168	2 686 948,414	30,212	29,749
5	18	99 105	86 534,143	2 598 011,246	30,023	29,560
6	19	99 076	84 193,059	2 511 477,103	29,830	29,367
7	20	99 046	81 915,405	2 427 284,044	29,632	29,169
8	21	99 020	79 701,548	2 345 368,639	29,427	28,964
9	22	98 995	77 549,257	2 265 667,091	29,216	28,753
10	23	98 970	75 454,601	2 188 117,834	28,999	28,536
11	24	98 941	73 413,554	2 112 663,234	28,778	28,315
12	25	98 915	71 430,219	2 039 249,680	28,549	28,086
13	26	98 889	69 500,052	1 967 819,461	28,314	27,851
14	27	98 861	67 620,326	1 898 319,409	28,073	27,610
15	28	98 827	65 788,214	1 830 699,083	27,827	27,364
16	29	98 787	64 001,870	1 764 910,869	27,576	27,113
17	30	98 736	62 256,766	1 700 908,999	27,321	26,858
18	31	98 678	60 554,775	1 638 652,233	27,061	26,598
19	32	98 609	58 892,691	1 578 097,458	26,796	26,333
20	33	98 534	57 272,671	1 519 204,767	26,526	26,063
21	34	98 454	55 694,865	1 461 932,095	26,249	25,786
22	35	98 372	54 158,817	1 406 237,231	25,965	25,502
23	36	98 288	52 664,333	1 352 078,413	25,674	25,211
24	37	98 196	51 207,269	1 299 414,080	25,376	24,913
25	38	98 104	49 789,742	1 248 206,811	25,070	24,607
26	39	97 999	48 405,490	1 198 417,069	24,758	24,295
27	40	97 894	47 059,594	1 150 011,579	24,437	23,975
28	41	97 776	45 744,854	1 102 951,986	24,111	23,648
29	42	97 651	44 463,662	1 057 207,131	23,777	23,314
30	43	97 514	43 212,970	1 012 743,469	23,436	22,973
31	44	97 371	41 994,363	969 530,499	23,087	22,624
32	45	97 204	40 800,633	927 536,135	22,733	22,271
33	46	97 028	39 636,705	886 735,502	22,372	21,909
34	47	96 836	38 499,531	847 098,797	22,003	21,540
35	48	96 619	37 385,287	808 599,266	21,629	21,166
36	49	96 379	36 294,258	771 213,979	21,249	20,786
37	50	96 119	35 227,609	734 919,721	20,862	20,399
38	51	95 840	34 185,153	699 692,112	20,468	20,005
39	52	95 528	33 161,896	665 506,959	20,068	19,606
40	53	95 189	32 159,970	632 345,063	19,662	19,200
41	54	94 810	31 174,470	600 185,093	19,252	18,790
42	55	94 399	30 208,739	569 010,623	18,836	18,373
43	56	93 946	29 259,156	538 801,884	18,415	17,952
44	57	93 453	28 326,547	509 542,728	17,988	17,525
45	58	92 913	27 409,052	481 216,181	17,557	17,094
46	59	92 314	26 503,531	453 807,129	17,123	16,660
47	60	91 667	25 613,522	427 303,598	16,683	16,220
48	61	90 947	24 731,984	401 690,076	16,242	15,779
49	62	90 186	23 868,728	376 958,092	15,793	15,330
50	63	89 356	23 016,089	353 089,363	15,341	14,878
51	64	88 455	22 174,316	330 073,275	14,885	14,423
52	65	87 472	21 340,859	307 898,959	14,428	13,965
53	66	86 387	20 512,106	286 558,099	13,970	13,507
54	67	85 205	19 690,062	266 045,993	13,512	13,049
55	68	83 909	18 871,520	246 355,931	13,054	12,592
56	69	82 541	18 067,065	227 484,411	12,591	12,128
57	70	81 061	17 268,311	209 417,347	12,127	11,664
58	71	79 470	16 476,203	192 149,036	11,662	11,199
59	72	77 744	15 686,984	175 672,833	11,199	10,736
60	73	75 915	14 907,956	159 985,849	10,732	10,269
61	74	73 989	14 140,891	145 077,894	10,259	9,797
62	75	71 924	13 378,334	130 937,003	9,787	9,324
63	76	69 697	12 617,130	117 558,668	9,317	8,855
64	77	67 285	11 854,467	104 941,539	8,852	8,390
65	78	64 703	11 094,401	93 087,072	8,390	7,928
66	79	61 918	10 332,797	81 992,671	7,935	7,472
67	80	58 901	9 566,201	71 659,874	7,491	7,028
68	81	55 622	8 791,853	62 093,673	7,063	6,600
69	82	52 176	8 026,541	53 301,820	6,641	6,178
70	83	48 527	7 265,385	45 275,279	6,232	5,769
71	84	44 685	6 511,023	38 009,894	5,838	5,375
72	85	40 664	5 766,628	31 498,871	5,462	4,999
73	86	36 543	5 043,480	25 732,243	5,102	4,639
74	87	32 352	4 345,549	20 688,763	4,761	4,298
75	88	28 179	3 683,755	16 343,214	4,437	3,974
76	89	24 095	3 065,495	12 659,459	4,130	3,667
77	90	20 152	2 495,262	9 593,964	3,845	3,382
78	91	16 462	1 983,851	7 098,702	3,578	3,115
79	92	13 074	1 533,330	5 114,851	3,336	2,873
80	93	10 066	1 149,019	3 581,521	3,117	2,654
81	94	7 494	832,518	2 432,502	2,922	2,459
82	95	5 350	578,461	1 599,984	2,766	2,303
83	96	3 718	391,167	1 021,523	2,611	2,149
84	97	2 485	254,521	630,356	2,477	2,014
85	98	1 626	162,010	375,834	2,320	1,857
86	99	1 009	97,839	213,825	2,185	1,723
87	100	594	56,097	115,986	2,068	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	3 056 235,603	30,692	30,230
1	15	99 213	96 557,582	2 956 659,118	30,621	30,158
2	16	99 173	93 935,965	2 860 101,536	30,447	29,985
3	17	99 144	91 394,707	2 766 165,571	30,266	29,803
4	18	99 117	88 924,146	2 674 770,864	30,079	29,616
5	19	99 085	86 516,521	2 585 846,719	29,888	29,426
6	20	99 057	84 176,808	2 499 330,198	29,691	29,229
7	21	99 028	81 900,236	2 415 153,390	29,489	29,026
8	22	99 003	79 688,353	2 333 253,153	29,280	28,817
9	23	98 978	77 535,837	2 253 564,800	29,065	28,602
10	24	98 949	75 438,228	2 176 028,963	28,845	28,382
11	25	98 924	73 401,105	2 100 590,735	28,618	28,155
12	26	98 897	71 416,900	2 027 189,630	28,385	27,922
13	27	98 870	69 486,530	1 955 772,731	28,146	27,683
14	28	98 839	67 605,555	1 886 286,201	27,901	27,439
15	29	98 802	65 771,807	1 818 680,645	27,651	27,189
16	30	98 762	63 985,308	1 752 908,838	27,395	26,933
17	31	98 707	62 238,280	1 688 923,531	27,136	26,674
18	32	98 647	60 535,446	1 626 685,251	26,872	26,409
19	33	98 575	58 872,252	1 566 149,805	26,603	26,140
20	34	98 498	57 252,280	1 507 277,552	26,327	25,864
21	35	98 416	55 673,082	1 450 025,273	26,045	25,583
22	36	98 332	54 137,019	1 394 352,191	25,756	25,293
23	37	98 242	52 639,642	1 340 215,172	25,460	24,997
24	38	98 151	51 183,702	1 287 575,530	25,156	24,693
25	39	98 046	49 760,582	1 236 391,827	24,847	24,384
26	40	97 941	48 376,654	1 186 631,245	24,529	24,066
27	41	97 828	47 027,654	1 138 254,591	24,204	23,741
28	42	97 702	45 709,958	1 091 226,937	23,873	23,410
29	43	97 570	44 426,766	1 045 516,979	23,533	23,071
30	44	97 427	43 174,082	1 001 090,213	23,187	22,724
31	45	97 271	41 951,528	957 916,132	22,834	22,371
32	46	97 096	40 755,265	915 964,604	22,475	22,012
33	47	96 905	39 586,377	875 209,340	22,109	21,646
34	48	96 697	38 444,340	835 622,963	21,736	21,273
35	49	96 465	37 325,486	797 178,622	21,357	20,895
36	50	96 205	36 228,513	759 853,136	20,974	20,511
37	51	95 930	35 158,187	723 624,623	20,582	20,119
38	52	95 628	34 109,646	688 466,436	20,184	19,721
39	53	95 293	33 080,473	654 356,790	19,781	19,318
40	54	94 929	32 072,073	621 276,317	19,371	18,908
41	55	94 525	31 080,646	589 204,244	18,957	18,494
42	56	94 087	30 108,645	558 123,598	18,537	18,074
43	57	93 606	29 153,270	528 014,953	18,112	17,649
44	58	93 080	28 213,460	498 861,683	17,682	17,219
45	59	92 503	27 288,163	470 648,223	17,247	16,785
46	60	91 868	26 375,519	443 360,060	16,810	16,347
47	61	91 173	25 475,439	416 984,541	16,368	15,905
48	62	90 438	24 593,606	391 509,102	15,919	15,456
49	63	89 638	23 723,687	366 915,496	15,466	15,003
50	64	88 768	22 864,541	343 191,809	15,010	14,547
51	65	87 811	22 012,724	320 327,268	14,552	14,089
52	66	86 771	21 169,873	298 314,544	14,091	13,629
53	67	85 632	20 332,925	277 144,671	13,630	13,168
54	68	84 379	19 499,178	256 811,746	13,170	12,708
55	69	83 052	18 678,751	237 312,568	12,705	12,242
56	70	81 619	17 865,216	218 633,817	12,238	11,775
57	71	80 074	17 057,922	200 768,601	11,770	11,307
58	72	78 406	16 255,581	183 710,679	11,301	10,839
59	73	76 624	15 460,945	167 455,098	10,831	10,368
60	74	74 740	14 677,139	151 994,154	10,356	9,893
61	75	72 723	13 898,963	137 317,014	9,880	9,417
62	76	70 553	13 123,243	123 418,051	9,405	8,942
63	77	68 176	12 341,747	110 294,809	8,937	8,474
64	78	65 640	11 564,603	97 953,062	8,470	8,007
65	79	62 885	10 782,645	86 388,459	8,012	7,549
66	80	59 880	9 992,608	75 605,813	7,566	7,103
67	81	56 639	9 198,782	65 613,206	7,133	6,670
68	82	53 171	8 404,461	56 414,423	6,712	6,250
69	83	49 550	7 622,473	48 009,962	6,298	5,836
70	84	45 709	6 843,398	40 387,490	5,902	5,439
71	85	41 681	6 073,346	33 544,092	5,523	5,060
72	86	37 524	5 321,321	27 470,746	5,162	4,700
73	87	33 294	4 595,076	22 149,425	4,820	4,357
74	88	29 078	3 905,823	17 554,349	4,494	4,032
75	89	24 943	3 260,767	13 648,526	4,186	3,723
76	90	20 940	2 664,166	10 387,758	3,899	3,436
77	91	17 171	2 126,120	7 723,592	3,633	3,170
78	92	13 708	1 651,884	5 597,472	3,389	2,926
79	93	10 622	1 245,741	3 945,588	3,167	2,704
80	94	7 961	908,646	2 699,847	2,971	2,508
81	95	5 732	636,733	1 791,201	2,813	2,350
82	96	4 018	434,405	1 154,468	2,658	2,195
83	97	2 716	285,753	720,063	2,520	2,057
84	98	1 797	184,005	434,310	2,360	1,897
85	99	1 130	112,640	250,306	2,222	1,759
86	100	675	65,501	137,665	2,102	1,639

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	3 043 429,450	30,567	30,104
1	16	99 201	96 545,503	2 943 863,414	30,492	30,029
2	17	99 159	93 922,710	2 847 317,911	30,316	29,853
3	18	99 130	91 381,325	2 753 395,201	30,131	29,668
4	19	99 097	88 906,037	2 662 013,876	29,942	29,479
5	20	99 066	86 499,821	2 573 107,839	29,747	29,284
6	21	99 038	84 161,221	2 486 608,018	29,546	29,083
7	22	99 012	81 886,677	2 402 446,797	29,339	28,876
8	23	98 986	79 674,563	2 320 560,119	29,125	28,663
9	24	98 957	77 519,013	2 240 885,556	28,908	28,445
10	25	98 932	75 425,436	2 163 366,543	28,682	28,219
11	26	98 906	73 387,418	2 087 941,107	28,451	27,988
12	27	98 878	71 403,004	2 014 553,689	28,214	27,751
13	28	98 848	69 471,352	1 943 150,685	27,971	27,508
14	29	98 814	67 588,695	1 873 679,333	27,722	27,259
15	30	98 777	65 754,787	1 806 090,638	27,467	27,004
16	31	98 733	63 966,308	1 740 335,851	27,207	26,744
17	32	98 676	62 218,414	1 676 369,543	26,943	26,480
18	33	98 612	60 514,437	1 614 151,129	26,674	26,211
19	34	98 540	58 851,291	1 553 636,692	26,399	25,937
20	35	98 460	57 229,887	1 494 785,401	26,119	25,656
21	36	98 376	55 650,674	1 437 555,513	25,832	25,369
22	37	98 286	54 111,637	1 381 904,839	25,538	25,075
23	38	98 196	52 615,416	1 327 793,202	25,236	24,773
24	39	98 094	51 153,726	1 275 177,786	24,928	24,466
25	40	97 988	49 730,940	1 224 024,060	24,613	24,150
26	41	97 874	48 343,821	1 174 293,120	24,290	23,828
27	42	97 753	46 991,779	1 125 949,299	23,961	23,498
28	43	97 621	45 672,027	1 078 957,520	23,624	23,161
29	44	97 483	44 386,785	1 033 285,493	23,279	22,816
30	45	97 327	43 130,042	988 898,709	22,928	22,465
31	46	97 163	41 904,879	945 768,666	22,569	22,107
32	47	96 973	40 703,516	903 863,787	22,206	21,743
33	48	96 766	39 529,628	863 160,271	21,836	21,373
34	49	96 543	38 382,846	823 630,642	21,458	20,995
35	50	96 290	37 257,873	785 247,797	21,076	20,613
36	51	96 015	36 157,119	747 989,924	20,687	20,224
37	52	95 718	35 080,531	711 832,805	20,291	19,829
38	53	95 394	34 025,896	676 752,274	19,889	19,427
39	54	95 033	32 990,060	642 726,378	19,482	19,020
40	55	94 644	31 975,547	609 736,318	19,069	18,606
41	56	94 211	30 977,663	577 760,771	18,651	18,188
42	57	93 746	29 999,686	546 783,108	18,226	17,763
43	58	93 233	29 036,882	516 783,422	17,797	17,335
44	59	92 670	28 089,023	487 746,540	17,364	16,901
45	60	92 056	27 156,361	459 657,517	16,926	16,464
46	61	91 373	26 233,328	432 501,156	16,487	16,024
47	62	90 663	25 332,901	406 267,828	16,037	15,574
48	63	89 888	24 444,160	380 934,927	15,584	15,121
49	64	89 048	23 567,480	356 490,767	15,126	14,664
50	65	88 121	22 697,919	332 923,287	14,668	14,205
51	66	87 107	21 836,354	310 225,368	14,207	13,744
52	67	86 013	20 984,945	288 389,013	13,743	13,280
53	68	84 802	20 135,809	267 404,068	13,280	12,817
54	69	83 517	19 299,998	247 268,259	12,812	12,349
55	70	82 124	18 470,069	227 968,261	12,343	11,880
56	71	80 625	17 647,555	209 498,192	11,871	11,408
57	72	79 002	16 829,510	191 850,637	11,400	10,937
58	73	77 276	16 021,349	175 021,127	10,924	10,461
59	74	75 438	15 221,567	158 999,778	10,446	9,983
60	75	73 461	14 426,037	143 778,212	9,967	9,504
61	76	71 337	13 633,944	129 352,175	9,488	9,025
62	77	69 013	12 836,814	115 718,231	9,015	8,552
63	78	66 509	12 039,968	102 881,417	8,545	8,082
64	79	63 795	11 239,635	90 841,449	8,082	7,619
65	80	60 814	10 427,645	79 601,814	7,634	7,171
66	81	57 580	9 608,812	69 174,169	7,199	6,736
67	82	54 143	8 793,460	59 565,357	6,774	6,311
68	83	50 494	7 981,368	50 771,897	6,361	5,898
69	84	46 672	7 179,745	42 790,529	5,960	5,497
70	85	42 636	6 383,378	35 610,785	5,579	5,116
71	86	38 462	5 604,354	29 227,406	5,215	4,752
72	87	34 188	4 848,215	23 623,052	4,873	4,410
73	88	29 925	4 130,100	18 774,837	4,546	4,083
74	89	25 739	3 457,337	14 644,737	4,236	3,773
75	90	21 678	2 833,874	11 187,401	3,948	3,485
76	91	17 842	2 270,038	8 353,527	3,680	3,217
77	92	14 297	1 770,346	6 083,489	3,436	2,974
78	93	11 137	1 342,059	4 313,143	3,214	2,751
79	94	8 400	985,134	2 971,084	3,016	2,553
80	95	6 088	694,957	1 985,950	2,858	2,395
81	96	4 304	478,165	1 290,993	2,700	2,237
82	97	2 935	317,339	812,828	2,561	2,099
83	98	1 963	206,584	495,489	2,398	1,936
84	99	1 249	127,933	288,905	2,258	1,795
85	100	757	75,410	160,972	2,135	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	3 030 032,095	30,436	29,973
1	17	99 187	96 531,880	2 930 478,515	30,358	29,895
2	18	99 145	93 908,958	2 833 946,635	30,178	29,715
3	19	99 109	91 362,716	2 740 037,677	29,991	29,528
4	20	99 077	88 888,876	2 648 674,961	29,798	29,335
5	21	99 048	86 483,804	2 559 786,085	29,598	29,136
6	22	99 022	84 147,287	2 473 302,281	29,393	28,930
7	23	98 994	81 872,507	2 389 154,993	29,181	28,719
8	24	98 965	79 657,275	2 307 282,486	28,965	28,502
9	25	98 940	77 505,868	2 227 625,211	28,741	28,279
10	26	98 913	75 411,372	2 150 119,343	28,512	28,049
11	27	98 887	73 373,139	2 074 707,971	28,276	27,813
12	28	98 856	71 387,408	2 001 334,832	28,035	27,572
13	29	98 824	69 454,026	1 929 947,424	27,787	27,325
14	30	98 789	67 571,204	1 860 493,398	27,534	27,071
15	31	98 747	65 735,262	1 792 922,194	27,275	26,812
16	32	98 701	63 945,891	1 727 186,932	27,010	26,547
17	33	98 641	62 196,821	1 663 241,042	26,742	26,279
18	34	98 577	60 492,891	1 601 044,220	26,467	26,004
19	35	98 501	58 828,273	1 540 551,329	26,187	25,724
20	36	98 420	57 206,853	1 481 723,055	25,901	25,438
21	37	98 330	55 624,583	1 424 516,202	25,609	25,147
22	38	98 241	54 086,734	1 368 891,619	25,309	24,846
23	39	98 139	52 584,601	1 314 804,886	25,004	24,541
24	40	98 035	51 123,254	1 262 220,285	24,690	24,227
25	41	97 921	49 697,187	1 211 097,031	24,370	23,907
26	42	97 800	48 306,942	1 161 399,844	24,042	23,579
27	43	97 672	46 952,784	1 113 092,902	23,707	23,244
28	44	97 533	45 630,925	1 066 140,118	23,364	22,902
29	45	97 383	44 341,508	1 020 509,192	23,015	22,552
30	46	97 219	43 082,084	976 167,684	22,658	22,195
31	47	97 040	41 851,671	933 085,600	22,295	21,832
32	48	96 834	40 645,166	891 233,929	21,927	21,464
33	49	96 611	39 466,398	850 588,763	21,552	21,089
34	50	96 368	38 313,317	811 122,365	21,171	20,708
35	51	96 100	37 184,450	772 809,048	20,783	20,320
36	52	95 803	36 077,256	735 624,598	20,390	19,927
37	53	95 483	34 994,397	699 547,342	19,990	19,527
38	54	95 133	33 932,899	664 552,945	19,584	19,122
39	55	94 747	32 890,772	630 620,046	19,173	18,710
40	56	94 330	31 869,600	597 729,275	18,755	18,293
41	57	93 871	30 865,559	565 859,675	18,333	17,870
42	58	93 372	29 879,918	534 994,116	17,905	17,442
43	59	92 822	28 908,814	505 114,197	17,473	17,010
44	60	92 222	27 953,353	476 205,384	17,036	16,573
45	61	91 560	27 009,960	448 252,031	16,596	16,133
46	62	90 862	26 086,550	421 242,071	16,148	15,685
47	63	90 112	25 178,963	395 155,521	15,694	15,231
48	64	89 296	24 283,209	369 976,558	15,236	14,773
49	65	88 399	23 395,736	345 693,349	14,776	14,313
50	66	87 415	22 516,060	322 297,613	14,314	13,851
51	67	86 346	21 645,605	299 781,554	13,850	13,387
52	68	85 179	20 781,509	278 135,949	13,384	12,921
53	69	83 936	19 930,126	257 354,440	12,913	12,450
54	70	82 584	19 084,375	237 424,314	12,441	11,978
55	71	81 123	18 245,038	218 339,939	11,967	11,504
56	72	79 545	17 411,247	200 094,901	11,492	11,029
57	73	77 863	16 587,008	182 683,654	11,014	10,551
58	74	76 080	15 773,294	166 096,645	10,530	10,067
59	75	74 147	14 961,150	150 323,351	10,048	9,585
60	76	72 060	14 150,968	135 362,202	9,566	9,103
61	77	69 780	13 336,368	121 211,234	9,089	8,626
62	78	67 325	12 522,929	107 874,865	8,614	8,151
63	79	64 640	11 701,642	95 351,936	8,149	7,686
64	80	61 695	10 869,589	83 650,294	7,696	7,233
65	81	58 478	10 027,140	72 780,705	7,258	6,796
66	82	55 043	9 185,423	62 753,564	6,832	6,369
67	83	51 417	8 350,784	53 568,141	6,415	5,952
68	84	47 561	7 517,794	45 217,357	6,015	5,552
69	85	43 535	6 697,116	37 699,563	5,629	5,166
70	86	39 344	5 890,445	31 002,447	5,263	4,800
71	87	35 043	5 106,084	25 112,002	4,918	4,455
72	88	30 729	4 357,624	20 005,918	4,591	4,128
73	89	26 489	3 655,861	15 648,294	4,280	3,818
74	90	22 370	3 004,709	11 992,433	3,991	3,528
75	91	18 471	2 414,639	8 987,725	3,722	3,259
76	92	14 857	1 890,181	6 573,085	3,477	3,015
77	93	11 616	1 438,303	4 682,904	3,256	2,793
78	94	8 807	1 061,302	3 244,602	3,057	2,594
79	95	6 424	753,457	2 183,299	2,898	2,435
80	96	4 572	521,890	1 429,842	2,740	2,277
81	97	3 144	349,307	907,952	2,599	2,136
82	98	2 122	229,419	558,645	2,435	1,972
83	99	1 365	143,631	329,227	2,292	1,829
84	100	836	85,648	185,596	2,167	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	3 016 037,662	30,300	29,837
1	18	99 172	96 517,746	2 916 498,129	30,217	29,754
2	19	99 125	93 889,834	2 819 980,383	30,035	29,572
3	20	99 090	91 345,081	2 726 090,548	29,844	29,381
4	21	99 059	88 872,416	2 634 745,468	29,646	29,184
5	22	99 031	86 469,486	2 545 873,051	29,442	28,980
6	23	99 005	84 132,726	2 459 403,565	29,232	28,770
7	24	98 973	81 854,742	2 375 270,839	29,018	28,555
8	25	98 948	79 643,767	2 293 416,097	28,796	28,333
9	26	98 921	77 491,416	2 213 772,329	28,568	28,105
10	27	98 894	75 396,699	2 136 280,913	28,334	27,871
11	28	98 865	73 357,112	2 060 884,214	28,094	27,631
12	29	98 831	71 369,604	1 987 527,102	27,848	27,386
13	30	98 798	69 436,053	1 916 157,498	27,596	27,133
14	31	98 759	67 551,140	1 846 721,445	27,338	26,875
15	32	98 716	65 714,279	1 779 170,305	27,074	26,612
16	33	98 667	63 923,698	1 713 456,025	26,805	26,342
17	34	98 606	62 174,676	1 649 532,327	26,531	26,068
18	35	98 539	60 469,232	1 587 357,651	26,251	25,788
19	36	98 461	58 804,596	1 526 888,419	25,965	25,503
20	37	98 374	57 180,032	1 468 083,823	25,675	25,212
21	38	98 285	55 598,983	1 410 903,791	25,376	24,914
22	39	98 183	54 055,057	1 355 304,808	25,073	24,610
23	40	98 080	52 553,276	1 301 249,751	24,761	24,298
24	41	97 969	51 088,556	1 248 696,474	24,442	23,979
25	42	97 847	49 659,275	1 197 607,918	24,117	23,654
26	43	97 718	48 266,856	1 147 948,643	23,783	23,321
27	44	97 584	46 910,530	1 099 681,787	23,442	22,979
28	45	97 433	45 584,380	1 052 771,256	23,095	22,632
29	46	97 275	44 292,203	1 007 186,877	22,740	22,277
30	47	97 096	43 027,381	962 894,674	22,379	21,916
31	48	96 901	41 791,675	919 867,293	22,011	21,548
32	49	96 679	40 580,151	878 075,618	21,638	21,175
33	50	96 436	39 394,906	837 495,467	21,259	20,796
34	51	96 178	38 237,814	798 100,561	20,872	20,409
35	52	95 888	37 102,318	759 862,746	20,480	20,017
36	53	95 568	35 988,675	722 760,428	20,083	19,620
37	54	95 222	34 898,753	686 771,753	19,679	19,216
38	55	94 847	33 830,773	651 873,000	19,269	18,806
39	56	94 433	32 781,792	618 042,227	18,853	18,390
40	57	93 989	31 754,267	585 260,436	18,431	17,968
41	58	93 496	30 742,335	553 506,168	18,005	17,542
42	59	92 960	29 748,131	522 763,833	17,573	17,110
43	60	92 373	28 769,184	493 015,702	17,137	16,674
44	61	91 725	27 802,656	464 246,518	16,698	16,235
45	62	91 048	26 858,837	436 443,862	16,250	15,787
46	63	90 310	25 928,031	409 585,026	15,797	15,334
47	64	89 519	25 013,174	383 656,994	15,338	14,875
48	65	88 646	24 106,249	358 643,821	14,878	14,415
49	66	87 691	23 208,285	334 537,571	14,415	13,952
50	67	86 651	22 319,372	311 329,286	13,949	13,486
51	68	85 509	21 435,763	289 009,914	13,483	13,020
52	69	84 309	20 569,230	267 574,150	13,008	12,546
53	70	82 998	19 707,463	247 004,920	12,534	12,071
54	71	81 578	18 851,860	227 297,458	12,057	11,594
55	72	80 037	18 000,731	208 445,597	11,580	11,117
56	73	78 399	17 160,363	190 444,867	11,098	10,635
57	74	76 658	16 330,196	173 284,504	10,611	10,148
58	75	74 778	15 503,438	156 954,308	10,124	9,661
59	76	72 733	14 675,878	141 450,870	9,638	9,176
60	77	70 487	13 842,108	126 774,992	9,159	8,696
61	78	68 073	13 010,269	112 932,885	8,680	8,217
62	79	65 434	12 171,032	99 922,615	8,210	7,747
63	80	62 512	11 316,385	87 751,583	7,754	7,292
64	81	59 325	10 452,110	76 435,198	7,313	6,850
65	82	55 902	9 585,319	65 983,088	6,884	6,421
66	83	52 272	8 723,014	56 397,769	6,465	6,003
67	84	48 431	7 865,754	47 674,755	6,061	5,598
68	85	44 364	7 012,441	39 809,000	5,677	5,214
69	86	40 173	6 179,956	32 796,559	5,307	4,844
70	87	35 846	5 366,739	26 616,603	4,960	4,497
71	88	31 497	4 589,399	21 249,864	4,630	4,167
72	89	27 200	3 857,260	16 660,465	4,319	3,856
73	90	23 021	3 177,242	12 803,205	4,030	3,567
74	91	19 060	2 560,201	9 625,963	3,760	3,297
75	92	15 380	2 010,586	7 065,761	3,514	3,051
76	93	12 070	1 535,662	5 055,176	3,292	2,829
77	94	9 186	1 137,412	3 519,514	3,094	2,631
78	95	6 736	811,713	2 382,102	2,935	2,472
79	96	4 824	565,821	1 570,389	2,775	2,313
80	97	3 340	381,248	1 004,567	2,635	2,172
81	98	2 273	252,529	623,319	2,468	2,005
82	99	1 475	159,508	370,790	2,325	1,862
83	100	914	96,157	211,282	2,197	1,734

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	3 001 439,680	30,158	29,695
1	19	99 152	96 498,091	2 901 914,721	30,072	29,609
2	20	99 106	93 871,711	2 805 416,630	29,886	29,423
3	21	99 072	91 328,166	2 711 544,919	29,690	29,227
4	22	99 043	88 857,703	2 620 216,753	29,488	29,025
5	23	99 014	86 454,523	2 531 359,050	29,280	28,817
6	24	98 983	84 114,470	2 444 904,527	29,066	28,604
7	25	98 956	81 840,862	2 360 790,056	28,846	28,383
8	26	98 929	79 628,917	2 278 949,194	28,620	28,157
9	27	98 902	77 476,339	2 199 320,277	28,387	27,924
10	28	98 873	75 380,230	2 121 843,939	28,149	27,686
11	29	98 840	73 338,818	2 046 463,708	27,904	27,441
12	30	98 806	71 351,135	1 973 124,891	27,654	27,191
13	31	98 769	69 415,435	1 901 773,756	27,397	26,934
14	32	98 728	67 529,578	1 832 358,321	27,134	26,671
15	33	98 682	65 691,474	1 764 828,743	26,865	26,403
16	34	98 632	63 900,939	1 699 137,269	26,590	26,127
17	35	98 568	62 150,359	1 635 236,331	26,311	25,848
18	36	98 499	60 444,894	1 573 085,972	26,025	25,562
19	37	98 415	58 777,026	1 512 641,078	25,735	25,272
20	38	98 329	57 153,716	1 453 864,052	25,438	24,975
21	39	98 227	55 566,421	1 396 710,336	25,136	24,673
22	40	98 125	54 022,857	1 341 143,915	24,825	24,363
23	41	98 014	52 517,608	1 287 121,059	24,508	24,046
24	42	97 894	51 049,583	1 234 603,450	24,184	23,722
25	43	97 765	49 618,068	1 183 553,867	23,853	23,390
26	44	97 631	48 223,419	1 133 935,800	23,514	23,051
27	45	97 485	46 862,680	1 085 712,380	23,168	22,705
28	46	97 325	45 533,692	1 038 849,701	22,815	22,352
29	47	97 151	44 235,963	993 316,009	22,455	21,992
30	48	96 956	42 965,699	949 080,046	22,089	21,626
31	49	96 746	41 724,826	906 114,346	21,716	21,254
32	50	96 504	40 506,642	864 389,520	21,339	20,877
33	51	96 246	39 317,272	823 882,878	20,955	20,492
34	52	95 965	38 153,355	784 565,606	20,563	20,101
35	53	95 653	37 011,220	746 412,250	20,167	19,704
36	54	95 307	35 890,313	709 401,030	19,766	19,303
37	55	94 935	34 793,720	673 510,717	19,357	18,894
38	56	94 532	33 718,678	638 716,996	18,943	18,480
39	57	94 091	32 663,158	604 998,318	18,522	18,060
40	58	93 613	31 627,496	572 335,160	18,096	17,633
41	59	93 083	30 606,744	540 707,664	17,666	17,203
42	60	92 511	29 604,448	510 100,920	17,231	16,768
43	61	91 875	28 614,089	480 496,472	16,792	16,329
44	62	91 212	27 647,097	451 882,384	16,345	15,882
45	63	90 495	26 695,625	424 235,287	15,892	15,429
46	64	89 715	25 757,310	397 539,661	15,434	14,971
47	65	88 867	24 830,894	371 782,351	14,973	14,510
48	66	87 935	23 913,106	346 951,457	14,509	14,046
49	67	86 925	23 005,551	323 038,351	14,042	13,579
50	68	85 811	22 102,999	300 032,800	13,574	13,111
51	69	84 636	21 216,802	277 929,801	13,100	12,637
52	70	83 367	20 339,427	256 712,999	12,621	12,159
53	71	81 987	19 467,356	236 373,572	12,142	11,679
54	72	80 486	18 599,427	216 906,216	11,662	11,199
55	73	78 884	17 741,352	198 306,789	11,178	10,715
56	74	77 185	16 894,673	180 565,437	10,688	10,225
57	75	75 346	16 050,812	163 670,763	10,197	9,734
58	76	73 352	15 207,826	147 619,952	9,707	9,244
59	77	71 146	14 355,561	132 412,126	9,224	8,761
60	78	68 764	13 503,642	118 056,565	8,743	8,280
61	79	66 161	12 644,678	104 552,923	8,269	7,806
62	80	63 279	11 770,322	91 908,245	7,808	7,346
63	81	60 111	10 881,746	80 137,924	7,364	6,902
64	82	56 711	9 991,563	69 256,178	6,931	6,469
65	83	53 088	9 102,779	59 264,614	6,511	6,048
66	84	49 236	8 216,365	50 161,835	6,105	5,642
67	85	45 175	7 337,011	41 945,470	5,717	5,254
68	86	40 938	6 470,931	34 608,459	5,348	4,885
69	87	36 601	5 630,510	28 137,528	4,997	4,535
70	88	32 219	4 823,679	22 507,018	4,666	4,203
71	89	27 880	4 062,421	17 683,339	4,353	3,890
72	90	23 639	3 352,274	13 620,918	4,063	3,600
73	91	19 615	2 707,211	10 268,644	3,793	3,330
74	92	15 871	2 131,790	7 561,433	3,547	3,084
75	93	12 495	1 633,483	5 429,643	3,324	2,861
76	94	9 545	1 214,404	3 796,159	3,126	2,663
77	95	7 026	869,924	2 581,755	2,968	2,505
78	96	5 058	609,570	1 711,831	2,808	2,345
79	97	3 524	413,341	1 102,262	2,667	2,204
80	98	2 415	275,621	688,921	2,500	2,037
81	99	1 580	175,576	413,300	2,354	1,891
82	100	988	106,786	237,724	2,226	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 986 230,335	30,011	29,548
1	20	99 133	96 479,465	2 886 725,644	29,921	29,458
2	21	99 087	93 854,329	2 790 246,179	29,730	29,267
3	22	99 055	91 313,046	2 696 391,850	29,529	29,066
4	23	99 026	88 842,327	2 605 078,804	29,322	28,860
5	24	98 993	86 435,764	2 516 236,477	29,111	28,648
6	25	98 966	84 100,207	2 429 800,713	28,892	28,429
7	26	98 938	81 825,602	2 345 700,506	28,667	28,204
8	27	98 910	79 613,423	2 263 874,904	28,436	27,973
9	28	98 881	77 459,415	2 184 261,481	28,199	27,736
10	29	98 848	75 361,431	2 106 802,065	27,956	27,493
11	30	98 815	73 319,839	2 031 440,635	27,707	27,244
12	31	98 777	71 329,949	1 958 120,796	27,452	26,989
13	32	98 737	69 393,278	1 886 790,847	27,190	26,727
14	33	98 694	67 506,142	1 817 397,569	26,922	26,459
15	34	98 647	65 668,084	1 749 891,427	26,648	26,185
16	35	98 593	63 875,946	1 684 223,343	26,367	25,904
17	36	98 528	62 125,344	1 620 347,397	26,082	25,619
18	37	98 453	60 416,555	1 558 222,053	25,791	25,328
19	38	98 370	58 749,975	1 497 805,498	25,495	25,032
20	39	98 271	57 120,244	1 439 055,523	25,193	24,731
21	40	98 168	55 533,320	1 381 935,279	24,885	24,422
22	41	98 058	53 986,191	1 326 401,960	24,569	24,106
23	42	97 939	52 477,545	1 272 415,768	24,247	23,784
24	43	97 813	51 007,221	1 219 938,223	23,917	23,454
25	44	97 678	49 573,415	1 168 931,002	23,580	23,117
26	45	97 531	48 174,229	1 119 357,587	23,236	22,773
27	46	97 376	46 810,570	1 071 183,358	22,883	22,421
28	47	97 201	45 475,876	1 024 372,788	22,526	22,063
29	48	97 012	44 172,549	978 896,911	22,161	21,698
30	49	96 801	42 896,972	934 724,362	21,790	21,327
31	50	96 570	41 649,244	891 827,390	21,413	20,950
32	51	96 314	40 426,817	850 178,146	21,030	20,567
33	52	96 034	39 230,429	809 751,328	20,641	20,178
34	53	95 730	38 059,677	770 520,900	20,245	19,782
35	54	95 391	36 910,064	732 461,222	19,844	19,382
36	55	95 020	35 782,296	695 551,159	19,438	18,976
37	56	94 621	34 678,435	659 768,862	19,025	18,563
38	57	94 190	33 596,654	625 090,427	18,606	18,143
39	58	93 716	32 532,758	591 493,773	18,181	17,719
40	59	93 201	31 488,001	558 961,015	17,752	17,289
41	60	92 634	30 458,913	527 473,014	17,318	16,855
42	61	92 012	29 444,850	497 014,101	16,879	16,417
43	62	91 361	28 453,990	467 569,251	16,432	15,970
44	63	90 657	27 479,096	439 115,262	15,980	15,517
45	64	89 899	26 519,850	411 636,166	15,522	15,059
46	65	89 061	25 569,608	385 116,316	15,061	14,599
47	66	88 155	24 631,945	359 546,708	14,597	14,134
48	67	87 167	23 704,215	334 914,763	14,129	13,666
49	68	86 082	22 782,526	311 210,548	13,660	13,197
50	69	84 934	21 877,222	288 428,022	13,184	12,721
51	70	83 690	20 979,764	266 550,800	12,705	12,242
52	71	82 351	20 091,621	245 571,037	12,223	11,760
53	72	80 889	19 206,681	225 479,416	11,740	11,277
54	73	79 326	18 331,422	206 272,734	11,252	10,790
55	74	77 662	17 466,667	187 941,313	10,760	10,297
56	75	75 864	16 605,632	170 474,646	10,266	9,803
57	76	73 910	15 744,763	153 869,013	9,773	9,310
58	77	71 751	14 875,898	138 124,251	9,285	8,822
59	78	69 406	14 004,540	123 248,352	8,801	8,338
60	79	66 832	13 124,187	109 243,812	8,324	7,861
61	80	63 982	12 228,373	96 119,625	7,860	7,398
62	81	60 849	11 318,247	83 891,252	7,412	6,949
63	82	57 462	10 402,268	72 573,005	6,977	6,514
64	83	53 856	9 488,573	62 170,737	6,552	6,089
65	84	50 004	8 574,072	52 682,164	6,144	5,682
66	85	45 926	7 664,053	44 108,092	5,755	5,292
67	86	41 687	6 770,437	36 444,039	5,383	4,920
68	87	37 299	5 895,616	29 673,601	5,033	4,570
69	88	32 897	5 060,759	23 777,985	4,699	4,236
70	89	28 519	4 269,800	18 717,227	4,384	3,921
71	90	24 230	3 530,577	14 447,427	4,092	3,629
72	91	20 142	2 856,349	10 916,851	3,822	3,359
73	92	16 333	2 254,200	8 060,501	3,576	3,113
74	93	12 894	1 731,955	5 806,302	3,352	2,890
75	94	9 881	1 291,761	4 074,347	3,154	2,691
76	95	7 300	928,809	2 782,585	2,996	2,533
77	96	5 276	653,284	1 853,776	2,838	2,375
78	97	3 695	445,299	1 200,492	2,696	2,233
79	98	2 548	298,822	755,193	2,527	2,064
80	99	1 679	191,631	456,371	2,382	1,919
81	100	1 058	117,543	264,740	2,252	1,789

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 970 406,831	29,858	29,395
1	21	99 114	96 461,600	2 870 921,347	29,762	29,300
2	22	99 071	93 838,791	2 774 459,747	29,566	29,103
3	23	99 038	91 297,245	2 680 620,956	29,361	28,899
4	24	99 004	88 823,049	2 589 323,711	29,151	28,689
5	25	98 976	86 421,107	2 500 500,662	28,934	28,471
6	26	98 948	84 084,526	2 414 079,556	28,710	28,247
7	27	98 918	81 809,681	2 329 995,030	28,481	28,018
8	28	98 889	79 596,034	2 248 185,349	28,245	27,782
9	29	98 856	77 440,098	2 168 589,315	28,003	27,541
10	30	98 822	75 341,929	2 091 149,218	27,755	27,293
11	31	98 785	73 298,068	2 015 807,289	27,502	27,039
12	32	98 745	71 307,180	1 942 509,221	27,241	26,779
13	33	98 703	69 369,195	1 871 202,041	26,975	26,512
14	34	98 658	67 482,107	1 801 832,846	26,701	26,238
15	35	98 608	65 642,400	1 734 350,739	26,421	25,958
16	36	98 553	63 850,237	1 668 708,338	26,135	25,672
17	37	98 482	62 096,217	1 604 858,102	25,845	25,382
18	38	98 408	60 388,749	1 542 761,885	25,547	25,084
19	39	98 312	58 715,568	1 482 373,135	25,247	24,784
20	40	98 213	57 086,217	1 423 657,568	24,939	24,476
21	41	98 102	55 495,629	1 366 571,351	24,625	24,162
22	42	97 983	53 945,007	1 311 075,721	24,304	23,841
23	43	97 858	52 433,998	1 257 130,714	23,975	23,513
24	44	97 725	50 961,318	1 204 696,715	23,639	23,177
25	45	97 578	49 522,848	1 153 735,397	23,297	22,834
26	46	97 422	48 120,662	1 104 212,549	22,947	22,484
27	47	97 253	46 751,133	1 056 091,888	22,590	22,127
28	48	97 062	45 410,685	1 009 340,754	22,227	21,764
29	49	96 857	44 101,892	963 930,069	21,857	21,394
30	50	96 626	42 819,267	919 828,177	21,482	21,019
31	51	96 380	41 567,167	877 008,910	21,099	20,636
32	52	96 101	40 337,523	835 441,743	20,711	20,248
33	53	95 798	39 134,106	795 104,220	20,317	19,855
34	54	95 468	37 955,655	755 970,114	19,917	19,454
35	55	95 104	36 798,978	718 014,459	19,512	19,049
36	56	94 705	35 663,736	681 215,481	19,101	18,638
37	57	94 279	34 552,938	645 551,745	18,683	18,220
38	58	93 814	33 462,527	610 998,808	18,259	17,796
39	59	93 302	32 389,270	577 536,280	17,831	17,368
40	60	92 750	31 335,914	545 147,010	17,397	16,934
41	61	92 134	30 294,709	513 811,097	16,960	16,498
42	62	91 498	29 280,103	483 516,388	16,513	16,051
43	63	90 806	28 281,085	454 236,285	16,061	15,599
44	64	90 060	27 298,162	425 955,200	15,604	15,141
45	65	89 244	26 326,591	398 657,038	15,143	14,680
46	66	88 348	25 364,740	372 330,448	14,679	14,216
47	67	87 384	24 416,774	346 965,708	14,210	13,747
48	68	86 322	23 474,417	322 548,933	13,740	13,278
49	69	85 203	22 549,807	299 074,516	13,263	12,800
50	70	83 986	21 632,805	276 524,709	12,783	12,320
51	71	82 670	20 724,156	254 891,904	12,299	11,836
52	72	81 249	19 822,587	234 167,748	11,813	11,350
53	73	79 723	18 929,926	214 345,161	11,323	10,860
54	74	78 098	18 047,601	195 415,235	10,828	10,365
55	75	76 334	17 167,840	177 367,634	10,331	9,869
56	76	74 418	16 289,004	160 199,794	9,835	9,372
57	77	72 296	15 401,116	143 910,790	9,344	8,881
58	78	69 997	14 512,155	128 509,674	8,855	8,392
59	79	67 456	13 611,009	113 997,519	8,375	7,913
60	80	64 631	12 692,095	100 386,510	7,909	7,447
61	81	61 525	11 758,706	87 694,414	7,458	6,995
62	82	58 168	10 819,536	75 935,708	7,018	6,556
63	83	54 570	9 878,602	65 116,172	6,592	6,129
64	84	50 728	8 937,458	55 237,570	6,180	5,718
65	85	46 643	7 997,715	46 300,112	5,789	5,326
66	86	42 380	7 072,225	38 302,397	5,416	4,953
67	87	37 981	6 168,494	31 230,172	5,063	4,600
68	88	33 524	5 299,038	25 061,679	4,729	4,267
69	89	29 120	4 479,657	19 762,640	4,412	3,949
70	90	24 785	3 710,806	15 282,984	4,119	3,656
71	91	20 646	3 008,274	11 572,178	3,847	3,384
72	92	16 772	2 378,382	8 563,904	3,601	3,138
73	93	13 270	1 831,406	6 185,522	3,377	2,915
74	94	10 197	1 369,633	4 354,117	3,179	2,716
75	95	7 558	987,975	2 984,484	3,021	2,558
76	96	5 482	697,505	1 996,509	2,862	2,400
77	97	3 854	477,233	1 299,004	2,722	2,259
78	98	2 671	321,927	821,771	2,553	2,090
79	99	1 771	207,762	499,845	2,406	1,943
80	100	1 124	128,292	292,083	2,277	1,814

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 953 959,244	29,698	29,235
1	22	99 098	96 445,630	2 854 492,181	29,597	29,134
2	23	99 054	93 822,552	2 758 046,551	29,396	28,934
3	24	99 017	91 277,435	2 664 223,999	29,188	28,725
4	25	98 987	88 807,987	2 572 946,564	28,972	28,509
5	26	98 957	86 404,993	2 484 138,577	28,750	28,287
6	27	98 929	84 068,165	2 397 733,584	28,521	28,058
7	28	98 897	81 791,811	2 313 665,419	28,287	27,824
8	29	98 864	79 576,183	2 231 873,608	28,047	27,584
9	30	98 830	77 420,058	2 152 297,425	27,800	27,337
10	31	98 793	75 319,557	2 074 877,367	27,548	27,085
11	32	98 754	73 274,671	1 999 557,810	27,289	26,826
12	33	98 711	71 282,433	1 926 283,138	27,023	26,560
13	34	98 668	69 344,496	1 855 000,705	26,751	26,288
14	35	98 620	67 455,714	1 785 656,209	26,472	26,009
15	36	98 568	65 615,981	1 718 200,495	26,186	25,723
16	37	98 507	63 820,301	1 652 584,515	25,894	25,432
17	38	98 437	62 067,639	1 588 764,214	25,597	25,134
18	39	98 350	60 353,382	1 526 696,575	25,296	24,833
19	40	98 254	58 680,591	1 466 343,193	24,989	24,526
20	41	98 146	57 047,473	1 407 662,602	24,675	24,212
21	42	98 027	55 453,294	1 350 615,129	24,356	23,893
22	43	97 902	53 900,243	1 295 161,836	24,029	23,566
23	44	97 770	52 386,811	1 241 261,592	23,694	23,231
24	45	97 625	50 909,336	1 188 874,781	23,353	22,890
25	46	97 469	49 467,781	1 137 965,445	23,004	22,541
26	47	97 299	48 059,561	1 088 497,665	22,649	22,186
27	48	97 113	46 684,114	1 040 438,103	22,287	21,824
28	49	96 907	45 338,047	993 753,989	21,919	21,456
29	50	96 681	44 022,004	948 415,942	21,544	21,081
30	51	96 436	42 734,884	904 393,939	21,163	20,700
31	52	96 167	41 475,354	861 659,054	20,775	20,312
32	53	95 865	40 238,482	820 183,700	20,383	19,920
33	54	95 536	39 027,147	779 945,218	19,985	19,522
34	55	95 181	37 841,422	740 918,070	19,580	19,117
35	56	94 789	36 677,048	703 076,648	19,169	18,707
36	57	94 362	35 534,673	666 399,600	18,754	18,291
37	58	93 902	34 414,993	630 864,927	18,331	17,868
38	59	93 400	33 314,939	596 449,934	17,903	17,441
39	60	92 852	32 232,830	563 134,995	17,471	17,008
40	61	92 250	31 166,981	530 902,166	17,034	16,571
41	62	91 619	30 125,207	499 735,184	16,589	16,126
42	63	90 942	29 102,178	469 609,978	16,137	15,674
43	64	90 208	28 094,871	440 507,800	15,679	15,216
44	65	89 404	27 099,231	412 412,929	15,219	14,756
45	66	88 529	26 115,658	385 313,698	14,754	14,291
46	67	87 576	25 143,168	359 198,040	14,286	13,823
47	68	86 537	24 180,068	334 054,872	13,815	13,352
48	69	85 440	23 234,631	309 874,804	13,337	12,874
49	70	84 251	22 297,876	286 640,173	12,855	12,392
50	71	82 962	21 369,242	264 342,297	12,370	11,907
51	72	81 563	20 446,652	242 973,055	11,883	11,420
52	73	80 078	19 536,957	222 526,403	11,390	10,927
53	74	78 489	18 636,839	202 989,446	10,892	10,429
54	75	76 762	17 738,835	184 352,608	10,393	9,930
55	76	74 878	16 840,492	166 613,773	9,894	9,431
56	77	72 794	15 933,479	149 773,281	9,400	8,937
57	78	70 529	15 024,530	133 839,802	8,908	8,445
58	79	68 030	14 104,360	118 815,272	8,424	7,961
59	80	65 235	13 162,890	104 710,912	7,955	7,492
60	81	62 149	12 204,618	91 548,022	7,501	7,038
61	82	58 814	11 240,587	79 343,405	7,059	6,596
62	83	55 239	10 274,864	68 102,818	6,628	6,165
63	84	51 400	9 304,834	57 827,954	6,215	5,752
64	85	47 318	8 336,674	48 523,120	5,820	5,358
65	86	43 041	7 380,121	40 186,446	5,445	4,982
66	87	38 612	6 443,450	32 806,325	5,091	4,629
67	88	34 137	5 544,303	26 362,875	4,755	4,292
68	89	29 675	4 690,576	20 818,572	4,438	3,976
69	90	25 308	3 893,188	16 127,996	4,143	3,680
70	91	21 119	3 161,840	12 234,808	3,870	3,407
71	92	17 191	2 504,884	9 072,967	3,622	3,159
72	93	13 626	1 932,296	6 568,083	3,399	2,936
73	94	10 494	1 448,279	4 635,786	3,201	2,738
74	95	7 799	1 047,533	3 187,508	3,043	2,580
75	96	5 675	741,936	2 139,975	2,884	2,421
76	97	4 005	509,537	1 398,039	2,744	2,281
77	98	2 786	345,013	888,502	2,575	2,112
78	99	1 857	223,826	543,489	2,428	1,965
79	100	1 186	139,091	319,663	2,298	1,835

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 936 877,550	29,531	29,068
1	23	99 081	96 428,940	2 837 426,955	29,425	28,962
2	24	99 032	93 802,194	2 740 998,015	29,221	28,758
3	25	99 000	91 261,957	2 647 195,821	29,007	28,544
4	26	98 969	88 791,428	2 555 933,864	28,786	28,323
5	27	98 938	86 388,181	2 467 142,436	28,559	28,096
6	28	98 907	84 049,802	2 380 754,255	28,326	27,863
7	29	98 872	81 771,413	2 296 704,453	28,087	27,624
8	30	98 838	79 555,590	2 214 933,040	27,841	27,379
9	31	98 801	77 397,069	2 135 377,450	27,590	27,127
10	32	98 761	75 295,516	2 057 980,381	27,332	26,869
11	33	98 720	73 249,242	1 982 684,865	27,068	26,605
12	34	98 676	71 257,054	1 909 435,624	26,796	26,334
13	35	98 629	69 317,375	1 838 178,570	26,518	26,055
14	36	98 580	67 428,564	1 768 861,195	26,233	25,770
15	37	98 522	65 585,217	1 701 432,631	25,942	25,479
16	38	98 462	63 790,929	1 635 847,415	25,644	25,181
17	39	98 379	62 031,288	1 572 056,486	25,343	24,880
18	40	98 291	60 317,429	1 510 025,197	25,035	24,572
19	41	98 187	58 640,764	1 449 707,768	24,722	24,259
20	42	98 071	57 003,953	1 391 067,004	24,403	23,940
21	43	97 946	55 407,278	1 334 063,050	24,077	23,615
22	44	97 814	53 851,737	1 278 655,772	23,744	23,281
23	45	97 670	52 333,375	1 224 804,035	23,404	22,941
24	46	97 517	50 852,727	1 172 470,661	23,056	22,593
25	47	97 346	49 404,970	1 121 617,934	22,703	22,240
26	48	97 159	47 990,666	1 072 212,964	22,342	21,879
27	49	96 958	46 609,439	1 024 222,298	21,975	21,512
28	50	96 731	45 255,919	977 612,859	21,602	21,139
29	51	96 491	43 935,251	932 356,940	21,221	20,758
30	52	96 223	42 640,492	888 421,689	20,835	20,372
31	53	95 931	41 373,520	845 781,196	20,443	19,980
32	54	95 603	40 128,505	804 407,676	20,046	19,583
33	55	95 249	38 909,690	764 279,171	19,642	19,180
34	56	94 866	37 716,039	725 369,482	19,232	18,770
35	57	94 446	36 544,318	687 653,443	18,817	18,354
36	58	93 986	35 392,808	651 109,124	18,397	17,934
37	59	93 488	34 263,204	615 716,316	17,970	17,507
38	60	92 949	33 154,028	581 453,112	17,538	17,075
39	61	92 351	32 059,062	548 299,085	17,103	16,640
40	62	91 734	30 992,598	516 240,023	16,657	16,194
41	63	91 062	29 942,147	485 247,425	16,206	15,743
42	64	90 343	28 910,557	455 305,278	15,749	15,286
43	65	89 551	27 890,134	426 394,720	15,288	14,826
44	66	88 688	26 882,107	398 504,587	14,824	14,361
45	67	87 755	25 887,527	371 622,480	14,355	13,892
46	68	86 727	24 899,420	345 734,953	13,885	13,422
47	69	85 653	23 933,074	320 835,533	13,406	12,943
48	70	84 486	22 975,049	296 902,459	12,923	12,460
49	71	83 224	22 026,210	273 927,410	12,436	11,974
50	72	81 851	21 083,100	251 901,200	11,948	11,485
51	73	80 388	20 152,030	230 818,100	11,454	10,991
52	74	78 838	19 234,471	210 666,071	10,953	10,490
53	75	77 146	18 317,992	191 431,600	10,450	9,988
54	76	75 298	17 400,599	173 113,608	9,949	9,486
55	77	73 244	16 472,930	155 713,009	9,453	8,990
56	78	71 014	15 543,875	139 240,079	8,958	8,495
57	79	68 547	14 602,337	123 696,204	8,471	8,008
58	80	65 790	13 639,998	109 093,867	7,998	7,535
59	81	62 729	12 657,330	95 453,869	7,541	7,079
60	82	59 411	11 666,851	82 796,539	7,097	6,634
61	83	55 853	10 674,719	71 129,688	6,663	6,201
62	84	52 031	9 678,080	60 454,970	6,247	5,784
63	85	47 945	8 679,354	50 776,889	5,850	5,387
64	86	43 664	7 692,905	42 097,535	5,472	5,009
65	87	39 214	6 723,972	34 404,630	5,117	4,654
66	88	34 705	5 791,437	27 680,659	4,780	4,317
67	89	30 218	4 907,678	21 889,222	4,460	3,997
68	90	25 790	4 076,494	16 981,543	4,166	3,703
69	91	21 564	3 317,242	12 905,049	3,890	3,427
70	92	17 585	2 632,754	9 587,807	3,642	3,179
71	93	13 967	2 035,072	6 955,053	3,418	2,955
72	94	10 775	1 528,063	4 919,981	3,220	2,757
73	95	8 026	1 107,683	3 391,917	3,062	2,599
74	96	5 857	786,662	2 284,234	2,904	2,441
75	97	4 146	541,995	1 497,572	2,763	2,300
76	98	2 895	368,367	955,577	2,594	2,131
77	99	1 937	239,877	587,210	2,448	1,985
78	100	1 243	149,845	347,333	2,318	1,855

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 919 150,131	29,358	28,895
1	24	99 059	96 408,016	2 819 716,745	29,248	28,785
2	25	99 015	93 786,288	2 723 308,729	29,037	28,575
3	26	98 982	91 244,940	2 629 522,440	28,818	28,355
4	27	98 950	88 774,152	2 538 277,500	28,593	28,130
5	28	98 916	86 369,311	2 449 503,349	28,361	27,898
6	29	98 882	84 028,841	2 363 134,038	28,123	27,660
7	30	98 847	81 750,252	2 279 105,197	27,879	27,416
8	31	98 809	79 531,967	2 197 354,945	27,629	27,166
9	32	98 769	77 372,364	2 117 822,978	27,372	26,909
10	33	98 727	75 269,385	2 040 450,613	27,109	26,646
11	34	98 684	73 223,162	1 965 181,229	26,838	26,375
12	35	98 637	71 229,184	1 891 958,067	26,562	26,099
13	36	98 590	69 289,476	1 820 728,883	26,277	25,814
14	37	98 534	67 396,950	1 751 439,408	25,987	25,524
15	38	98 477	65 555,033	1 684 042,458	25,689	25,226
16	39	98 404	63 753,569	1 618 487,425	25,387	24,924
17	40	98 320	61 994,336	1 554 733,855	25,079	24,616
18	41	98 225	60 276,492	1 492 739,519	24,765	24,302
19	42	98 112	58 596,029	1 432 463,027	24,446	23,984
20	43	97 990	56 956,651	1 373 866,998	24,121	23,658
21	44	97 858	55 357,415	1 316 910,347	23,789	23,326
22	45	97 714	53 796,806	1 261 552,931	23,450	22,988
23	46	97 561	52 275,182	1 207 756,126	23,104	22,641
24	47	97 393	50 788,158	1 155 480,943	22,751	22,288
25	48	97 206	49 334,146	1 104 692,786	22,392	21,929
26	49	97 004	47 913,901	1 055 358,640	22,026	21,563
27	50	96 782	46 525,008	1 007 444,739	21,654	21,191
28	51	96 541	45 166,735	960 919,731	21,275	20,812
29	52	96 278	43 838,208	915 752,995	20,889	20,427
30	53	95 986	42 535,797	871 914,788	20,498	20,036
31	54	95 669	41 260,440	829 378,991	20,101	19,638
32	55	95 315	40 007,733	788 118,550	19,699	19,236
33	56	94 933	38 780,767	748 110,818	19,291	18,828
34	57	94 522	37 579,549	709 330,051	18,875	18,413
35	58	94 069	36 398,423	671 750,502	18,455	17,993
36	59	93 571	35 236,706	635 352,079	18,031	17,568
37	60	93 036	34 097,712	600 115,372	17,600	17,137
38	61	92 448	32 975,293	566 017,660	17,165	16,702
39	62	91 834	31 879,688	533 042,367	16,720	16,258
40	63	91 177	30 804,268	501 162,679	16,269	15,806
41	64	90 463	29 744,995	470 358,411	15,813	15,350
42	65	89 684	28 699,876	440 613,415	15,352	14,890
43	66	88 833	27 666,673	411 913,540	14,888	14,426
44	67	87 913	26 647,281	384 246,866	14,420	13,957
45	68	86 904	25 636,563	357 599,586	13,949	13,486
46	69	85 841	24 645,078	331 963,023	13,470	13,007
47	70	84 696	23 665,689	307 317,945	12,986	12,523
48	71	83 457	22 695,132	283 652,256	12,498	12,036
49	72	82 110	21 731,271	260 957,124	12,008	11,546
50	73	80 672	20 779,307	239 225,853	11,513	11,050
51	74	79 144	19 840,021	218 446,547	11,010	10,548
52	75	77 489	18 905,399	198 606,526	10,505	10,042
53	76	75 675	17 968,713	179 701,127	10,001	9,538
54	77	73 654	17 020,812	161 732,414	9,502	9,039
55	78	71 453	16 070,136	144 711,601	9,005	8,542
56	79	69 018	15 107,089	128 641,466	8,515	8,052
57	80	66 290	14 121,580	113 534,377	8,040	7,577
58	81	63 263	13 116,113	99 412,797	7,579	7,117
59	82	59 965	12 099,616	86 296,684	7,132	6,669
60	83	56 420	11 079,523	74 197,068	6,697	6,234
61	84	52 609	10 054,711	63 117,545	6,277	5,815
62	85	48 533	9 027,511	53 062,834	5,878	5,415
63	86	44 243	8 009,123	44 035,324	5,498	5,035
64	87	39 782	7 008,947	36 026,201	5,140	4,677
65	88	35 246	6 043,573	29 017,254	4,801	4,339
66	89	30 720	5 126,435	22 973,682	4,481	4,019
67	90	26 261	4 265,174	17 847,247	4,184	3,722
68	91	21 975	3 473,430	13 582,072	3,910	3,447
69	92	17 955	2 762,151	10 108,642	3,660	3,197
70	93	14 287	2 138,959	7 346,491	3,435	2,972
71	94	11 045	1 609,339	5 207,532	3,236	2,773
72	95	8 241	1 168,705	3 598,193	3,079	2,616
73	96	6 027	831,833	2 429,489	2,921	2,458
74	97	4 278	574,668	1 597,656	2,780	2,317
75	98	2 997	391,832	1 022,988	2,611	2,148
76	99	2 013	256,114	631,156	2,464	2,002
77	100	1 297	160,591	375,041	2,335	1,873

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 900 767,720	29,179	28,716
1	25	99 042	96 391,669	2 801 355,910	29,062	28,599
2	26	98 997	93 768,801	2 704 964,242	28,847	28,384
3	27	98 962	91 227,186	2 611 195,441	28,623	28,160
4	28	98 928	88 754,761	2 519 968,255	28,392	27,930
5	29	98 892	86 347,771	2 431 213,494	28,156	27,693
6	30	98 857	84 007,096	2 344 865,723	27,913	27,450
7	31	98 817	81 725,978	2 260 858,627	27,664	27,201
8	32	98 777	79 506,581	2 179 132,649	27,408	26,945
9	33	98 735	77 345,512	2 099 626,068	27,146	26,683
10	34	98 692	75 242,585	2 022 280,556	26,877	26,414
11	35	98 646	73 194,523	1 947 037,971	26,601	26,138
12	36	98 597	71 200,515	1 873 843,448	26,318	25,855
13	37	98 543	69 256,989	1 802 642,933	26,028	25,565
14	38	98 489	67 365,932	1 733 385,943	25,731	25,268
15	39	98 419	65 516,640	1 666 020,011	25,429	24,966
16	40	98 346	63 715,591	1 600 503,371	25,119	24,657
17	41	98 254	61 952,261	1 536 787,780	24,806	24,343
18	42	98 150	60 230,510	1 474 835,519	24,487	24,024
19	43	98 031	58 547,406	1 414 605,010	24,162	23,699
20	44	97 902	56 905,394	1 356 057,604	23,830	23,367
21	45	97 758	55 300,949	1 299 152,210	23,492	23,030
22	46	97 605	53 736,986	1 243 851,261	23,147	22,684
23	47	97 437	52 208,807	1 190 114,275	22,795	22,332
24	48	97 253	50 715,351	1 137 905,468	22,437	21,974
25	49	97 051	49 255,232	1 087 190,118	22,073	21,610
26	50	96 828	47 827,108	1 037 934,886	21,702	21,239
27	51	96 592	46 433,323	990 107,778	21,323	20,860
28	52	96 327	45 066,972	943 674,455	20,939	20,477
29	53	96 041	43 730,572	898 607,483	20,549	20,086
30	54	95 724	42 419,541	854 876,912	20,153	19,690
31	55	95 381	41 136,261	812 457,371	19,750	19,288
32	56	94 999	39 875,172	771 321,109	19,343	18,881
33	57	94 589	38 640,424	731 445,938	18,930	18,467
34	58	94 145	37 429,521	692 805,514	18,510	18,047
35	59	93 654	36 237,886	655 375,993	18,085	17,623
36	60	93 119	35 066,513	619 138,107	17,656	17,193
37	61	92 535	33 913,891	584 071,594	17,222	16,759
38	62	91 931	32 790,793	550 157,704	16,778	16,315
39	63	91 276	31 685,967	517 366,910	16,328	15,865
40	64	90 576	30 601,440	485 680,944	15,871	15,408
41	65	89 803	29 528,233	455 079,504	15,412	14,949
42	66	88 966	28 469,928	425 551,271	14,947	14,485
43	67	88 057	27 424,993	397 081,343	14,479	14,016
44	68	87 061	26 388,951	369 656,350	14,008	13,545
45	69	86 017	25 374,690	343 267,399	13,528	13,065
46	70	84 882	24 369,738	317 892,708	13,045	12,582
47	71	83 665	23 377,358	293 522,970	12,556	12,093
48	72	82 339	22 391,236	270 145,612	12,065	11,602
49	73	80 927	21 418,138	247 754,376	11,568	11,105
50	74	79 423	20 457,586	226 336,238	11,064	10,601
51	75	77 790	19 500,589	205 878,653	10,558	10,095
52	76	76 012	18 544,920	186 378,064	10,050	9,587
53	77	74 024	17 576,527	167 833,143	9,549	9,086
54	78	71 853	16 604,621	150 256,617	9,049	8,586
55	79	69 445	15 618,561	133 651,995	8,557	8,094
56	80	66 746	14 609,714	118 033,434	8,079	7,616
57	81	63 744	13 579,199	103 423,721	7,616	7,154
58	82	60 476	12 538,183	89 844,522	7,166	6,703
59	83	56 946	11 490,502	77 306,339	6,728	6,265
60	84	53 143	10 436,003	65 815,836	6,307	5,844
61	85	49 073	9 378,823	55 379,833	5,905	5,442
62	86	44 786	8 330,394	46 001,010	5,522	5,059
63	87	40 309	7 297,051	37 670,615	5,162	4,700
64	88	35 757	6 299,711	30 373,565	4,821	4,359
65	89	31 199	5 349,619	24 073,854	4,500	4,037
66	90	26 698	4 455,292	18 724,235	4,203	3,740
67	91	22 376	3 634,198	14 268,943	3,926	3,463
68	92	18 298	2 892,204	10 634,745	3,677	3,214
69	93	14 588	2 244,087	7 742,542	3,450	2,987
70	94	11 298	1 691,492	5 498,455	3,251	2,788
71	95	8 447	1 230,866	3 806,963	3,093	2,630
72	96	6 189	877,658	2 576,097	2,935	2,472
73	97	4 403	607,666	1 698,438	2,795	2,332
74	98	3 093	415,453	1 090,772	2,626	2,163
75	99	2 084	272,429	675,319	2,479	2,016
76	100	1 348	171,462	402,890	2,350	1,887

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 881 724,478	28,993	28,530
1	26	99 024	96 373,695	2 782 329,526	28,870	28,407
2	27	98 978	93 750,556	2 685 955,830	28,650	28,187
3	28	98 941	91 207,260	2 592 205,274	28,421	27,958
4	29	98 903	88 732,626	2 500 998,015	28,186	27,723
5	30	98 866	86 325,426	2 412 265,389	27,944	27,481
6	31	98 828	83 982,151	2 325 939,963	27,696	27,233
7	32	98 786	81 699,891	2 241 957,812	27,441	26,979
8	33	98 743	79 478,989	2 160 257,920	27,180	26,717
9	34	98 700	77 317,974	2 080 778,932	26,912	26,449
10	35	98 653	75 213,157	2 003 460,958	26,637	26,174
11	36	98 606	73 165,063	1 928 247,802	26,355	25,892
12	37	98 551	71 167,133	1 855 082,738	26,067	25,604
13	38	98 498	69 225,116	1 783 915,605	25,770	25,307
14	39	98 431	67 326,479	1 714 690,489	25,468	25,005
15	40	98 360	65 477,611	1 647 364,011	25,159	24,696
16	41	98 279	63 672,348	1 581 886,399	24,844	24,381
17	42	98 179	61 905,000	1 518 214,052	24,525	24,062
18	43	98 068	60 180,530	1 456 309,052	24,199	23,736
19	44	97 943	58 494,717	1 396 128,522	23,868	23,405
20	45	97 802	56 847,348	1 337 633,805	23,530	23,067
21	46	97 649	55 239,456	1 280 786,457	23,186	22,723
22	47	97 481	53 668,755	1 225 547,001	22,835	22,373
23	48	97 298	52 133,963	1 171 878,246	22,478	22,015
24	49	97 098	50 634,228	1 119 744,283	22,114	21,652
25	50	96 875	49 166,009	1 069 110,055	21,745	21,282
26	51	96 637	47 732,856	1 019 944,047	21,368	20,905
27	52	96 378	46 330,762	972 211,190	20,984	20,521
28	53	96 091	44 956,319	925 880,428	20,595	20,132
29	54	95 779	43 611,050	880 924,109	20,200	19,737
30	55	95 436	42 291,874	837 313,060	19,798	19,336
31	56	95 065	40 999,961	795 021,186	19,391	18,928
32	57	94 656	39 730,868	754 021,225	18,978	18,515
33	58	94 212	38 486,160	714 290,357	18,560	18,097
34	59	93 730	37 264,436	675 804,197	18,135	17,673
35	60	93 202	36 062,857	638 539,761	17,706	17,243
36	61	92 617	34 877,469	602 476,904	17,274	16,811
37	62	92 017	33 724,139	567 599,436	16,831	16,368
38	63	91 372	32 591,536	533 875,297	16,381	15,918
39	64	90 675	31 477,333	501 283,761	15,925	15,462
40	65	89 916	30 378,436	469 806,428	15,465	15,002
41	66	89 084	29 291,648	439 427,992	15,002	14,539
42	67	88 189	28 221,231	410 136,344	14,533	14,070
43	68	87 204	27 159,124	381 915,113	14,062	13,599
44	69	86 171	26 119,394	354 755,988	13,582	13,119
45	70	85 056	25 091,200	328 636,595	13,098	12,635
46	71	83 848	24 072,829	303 545,395	12,609	12,147
47	72	82 544	23 064,326	279 472,566	12,117	11,654
48	73	81 153	22 068,593	256 408,240	11,619	11,156
49	74	79 674	21 086,526	234 339,646	11,113	10,650
50	75	78 064	20 107,589	213 253,120	10,606	10,143
51	76	76 306	19 128,761	193 145,532	10,097	9,634
52	77	74 353	18 140,157	174 016,770	9,593	9,130
53	78	72 214	17 146,747	155 876,613	9,091	8,628
54	79	69 834	16 138,028	138 729,866	8,596	8,134
55	80	67 159	15 104,347	122 591,838	8,116	7,654
56	81	64 182	14 048,584	107 487,491	7,651	7,188
57	82	60 935	12 980,864	93 438,907	7,198	6,735
58	83	57 431	11 906,992	80 458,043	6,757	6,294
59	84	53 639	10 823,112	68 551,051	6,334	5,871
60	85	49 570	9 734,485	57 727,939	5,930	5,467
61	86	45 283	8 654,578	47 993,454	5,545	5,083
62	87	40 804	7 589,758	39 338,876	5,183	4,720
63	88	36 230	6 558,662	31 749,117	4,841	4,378
64	89	31 651	5 576,346	25 190,456	4,517	4,055
65	90	27 115	4 649,257	19 614,109	4,219	3,756
66	91	22 748	3 796,189	14 964,852	3,942	3,479
67	92	18 632	3 026,069	11 168,663	3,691	3,228
68	93	14 866	2 349,747	8 142,594	3,465	3,002
69	94	11 536	1 774,628	5 792,847	3,264	2,801
70	95	8 641	1 293,699	4 018,220	3,106	2,643
71	96	6 344	924,339	2 724,520	2,948	2,485
72	97	4 521	641,142	1 800,181	2,808	2,345
73	98	3 183	439,309	1 159,039	2,638	2,176
74	99	2 150	288,852	719,730	2,492	2,029
75	100	1 395	182,384	430,878	2,362	1,900

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	96 978,434	3 084 072,467	31,802	31,339
2	1	99 313	94 068,097	2 987 094,034	31,755	31,292
3	2	99 275	91 515,030	2 893 025,937	31,613	31,150
4	3	99 250	89 043,651	2 801 510,907	31,462	30,999
5	4	99 227	86 640,113	2 712 467,256	31,307	30,844
6	5	99 208	84 305,665	2 625 827,143	31,147	30,684
7	6	99 191	82 034,648	2 541 521,477	30,981	30,518
8	7	99 176	79 827,096	2 459 486,829	30,810	30,347
9	8	99 163	77 680,446	2 379 659,733	30,634	30,171
10	9	99 149	75 590,648	2 301 979,288	30,453	29,990
11	10	99 135	73 557,122	2 226 388,640	30,267	29,805
12	11	99 120	71 577,806	2 152 831,518	30,077	29,614
13	12	99 105	69 651,451	2 081 253,712	29,881	29,418
14	13	99 087	67 775,455	2 011 602,261	29,680	29,218
15	14	99 067	65 947,894	1 943 826,805	29,475	29,012
16	15	99 042	64 166,484	1 877 878,912	29,266	28,803
17	16	99 004	62 425,238	1 813 712,428	29,054	28,591
18	17	98 961	60 728,105	1 751 287,190	28,838	28,375
19	18	98 908	59 071,471	1 690 559,085	28,619	28,156
20	19	98 847	57 454,775	1 631 487,613	28,396	27,933
21	20	98 783	55 881,063	1 574 032,838	28,168	27,705
22	21	98 721	54 351,076	1 518 151,775	27,932	27,470
23	22	98 660	52 863,814	1 463 800,699	27,690	27,227
24	23	98 598	51 416,442	1 410 936,886	27,441	26,979
25	24	98 528	50 005,291	1 359 520,444	27,188	26,725
26	25	98 464	48 635,285	1 309 515,153	26,925	26,462
27	26	98 399	47 302,362	1 260 879,867	26,656	26,193
28	27	98 328	46 003,116	1 213 577,506	26,380	25,918
29	28	98 256	44 739,053	1 167 574,390	26,097	25,635
30	29	98 175	43 505,873	1 122 835,337	25,809	25,346
31	30	98 093	42 306,138	1 079 329,464	25,512	25,050
32	31	97 997	41 133,297	1 037 023,326	25,211	24,748
33	32	97 897	39 991,593	995 890,029	24,902	24,440
34	33	97 793	38 880,124	955 898,436	24,586	24,123
35	34	97 680	37 795,604	917 018,312	24,263	23,800
36	35	97 555	36 737,014	879 222,708	23,933	23,470
37	36	97 429	35 707,684	842 485,694	23,594	23,131
38	37	97 292	34 703,163	806 778,010	23,248	22,785
39	38	97 145	33 723,395	772 074,847	22,894	22,432
40	39	96 983	32 765,801	738 351,452	22,534	22,071
41	40	96 803	31 829,810	705 585,651	22,167	21,705
42	41	96 609	30 915,890	673 755,841	21,793	21,330
43	42	96 392	30 020,706	642 839,951	21,413	20,950
44	43	96 154	29 145,179	612 819,245	21,026	20,564
45	44	95 895	28 288,725	583 674,066	20,633	20,170
46	45	95 601	27 447,298	555 385,341	20,235	19,772
47	46	95 286	26 624,699	527 938,043	19,829	19,366
48	47	94 929	25 814,885	501 313,344	19,420	18,957
49	48	94 529	25 018,095	475 498,458	19,006	18,543
50	49	94 081	24 233,064	450 480,363	18,589	18,127
51	50	93 580	23 458,955	426 247,299	18,170	17,707
52	51	93 035	22 698,130	402 788,344	17,745	17,283
53	52	92 418	21 944,302	380 090,213	17,321	16,858
54	53	91 732	21 198,316	358 145,911	16,895	16,432
55	54	90 971	20 459,891	336 947,595	16,469	16,006
56	55	90 140	19 730,316	316 487,703	16,041	15,578
57	56	89 227	19 007,905	296 757,387	15,612	15,149
58	57	88 234	18 293,245	277 749,482	15,183	14,720
59	58	87 140	17 582,896	259 456,237	14,756	14,293
60	59	85 953	16 879,235	241 873,341	14,330	13,867
61	60	84 679	16 183,982	224 994,106	13,902	13,439
62	61	83 297	15 493,781	208 810,124	13,477	13,014
63	62	81 827	14 812,899	193 316,343	13,051	12,588
64	63	80 267	14 141,594	178 503,443	12,623	12,160
65	64	78 600	13 477,286	164 361,849	12,195	11,733
66	65	76 828	12 820,902	150 884,563	11,769	11,306
67	66	74 967	12 175,466	138 063,660	11,339	10,877
68	67	72 978	11 535,203	125 888,194	10,913	10,451
69	68	70 918	10 909,706	114 352,991	10,482	10,019
70	69	68 746	10 292,403	103 443,285	10,050	9,588
71	70	66 455	9 683,111	93 150,882	9,620	9,157
72	71	64 044	9 082,075	83 467,771	9,190	8,728
73	72	61 534	8 492,611	74 385,695	8,759	8,296
74	73	58 931	7 915,709	65 893,084	8,324	7,862
75	74	56 225	7 350,068	57 977,375	7,888	7,425
76	75	53 382	6 791,688	50 627,307	7,454	6,991
77	76	50 393	6 239,814	43 835,619	7,025	6,562
78	77	47 260	5 695,200	37 595,806	6,601	6,138
79	78	43 972	5 157,198	31 900,606	6,186	5,723
80	79	40 502	4 623,115	26 743,408	5,785	5,322
81	80	36 874	4 096,329	22 120,293	5,400	4,937
82	81	33 099	3 578,513	18 023,964	5,037	4,574
83	82	29 275	3 080,344	14 445,451	4,690	4,227
84	83	25 443	2 605,552	11 365,107	4,362	3,899
85	84	21 681	2 160,850	8 759,554	4,054	3,591
86	85	18 049	1 750,745	6 598,704	3,769	3,306
87	86	14 656	1 383,601	4 847,959	3,504	3,041
88	87	11 578	1 063,692	3 464,358	3,257	2,794
89	88	8 871	793,194	2 400,665	3,027	2,564
90	89	6 577	572,322	1 607,472	2,809	2,346
91	90	4 689	397,163	1 035,150	2,606	2,144
92	91	3 187	262,689	637,987	2,429	1,966
93	92	2 059	165,144	375,298	2,273	1,810
94	93	1 265	98,739	210,154	2,128	1,666
95	94	727	55,209	111,415	2,018	1,555
96	95	397	29,345	56,206	1,915	1,453
97	96	205	14,743	26,861	1,822	1,359
98	97	99	6,939	12,119	1,747	1,284
99	98	46	3,117	5,180	1,662	1,199
100	99	20	1,298	2,064	1,590	1,127

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	94 357,194	2 992 142,589	31,711	31,248
3	1	99 297	91 536,180	2 897 785,395	31,657	31,194
4	2	99 262	89 054,256	2 806 249,215	31,512	31,049
5	3	99 238	86 650,437	2 717 194,960	31,358	30,895
6	4	99 217	84 313,332	2 630 544,523	31,200	30,737
7	5	99 198	82 040,800	2 546 231,191	31,036	30,573
8	6	99 182	79 832,351	2 464 190,391	30,867	30,404
9	7	99 168	77 684,275	2 384 358,040	30,693	30,230
10	8	99 155	75 595,328	2 306 673,764	30,513	30,051
11	9	99 141	73 561,882	2 231 078,436	30,329	29,866
12	10	99 126	71 582,047	2 157 516,554	30,140	29,678
13	11	99 112	69 656,639	2 085 934,507	29,946	29,483
14	12	99 095	67 780,818	2 016 277,867	29,747	29,284
15	13	99 075	65 953,547	1 948 497,049	29,543	29,081
16	14	99 052	64 173,218	1 882 543,502	29,335	28,873
17	15	99 016	62 433,048	1 818 370,284	29,125	28,662
18	16	98 975	60 736,675	1 755 937,236	28,911	28,448
19	17	98 923	59 080,122	1 695 200,561	28,693	28,230
20	18	98 867	57 466,478	1 636 120,439	28,471	28,008
21	19	98 802	55 891,852	1 578 653,961	28,245	27,782
22	20	98 739	54 361,142	1 522 762,110	28,012	27,549
23	21	98 676	52 872,567	1 468 400,968	27,772	27,310
24	22	98 615	51 425,341	1 415 528,401	27,526	27,063
25	23	98 550	50 016,143	1 364 103,060	27,273	26,810
26	24	98 481	48 643,534	1 314 086,916	27,015	26,552
27	25	98 418	47 311,183	1 265 443,382	26,747	26,284
28	26	98 347	46 012,069	1 218 132,199	26,474	26,011
29	27	98 278	44 748,828	1 172 120,130	26,193	25,730
30	28	98 200	43 516,726	1 127 371,303	25,907	25,444
31	29	98 119	42 317,089	1 083 854,577	25,613	25,150
32	30	98 026	41 145,515	1 041 537,489	25,314	24,851
33	31	97 928	40 004,362	1 000 391,974	25,007	24,544
34	32	97 827	38 893,622	960 387,611	24,693	24,230
35	33	97 715	37 809,066	921 493,989	24,372	23,909
36	34	97 593	36 751,388	883 684,924	24,045	23,582
37	35	97 468	35 722,061	846 933,536	23,709	23,246
38	36	97 338	34 719,442	811 211,475	23,365	22,902
39	37	97 190	33 738,922	776 492,033	23,015	22,552
40	38	97 039	32 785,002	742 753,111	22,655	22,192
41	39	96 861	31 848,783	709 968,109	22,292	21,829
42	40	96 675	30 936,887	678 119,326	21,919	21,457
43	41	96 465	30 043,625	647 182,440	21,541	21,079
44	42	96 234	29 169,384	617 138,815	21,157	20,694
45	43	95 981	28 314,206	587 969,431	20,766	20,303
46	44	95 699	27 475,324	559 655,225	20,369	19,907
47	45	95 392	26 654,337	532 179,900	19,966	19,503
48	46	95 050	25 847,705	505 525,563	19,558	19,095
49	47	94 664	25 054,011	479 677,858	19,146	18,683
50	48	94 231	24 271,889	454 623,847	18,730	18,268
51	49	93 750	23 501,527	430 351,958	18,312	17,849
52	50	93 218	22 742,949	406 850,431	17,889	17,426
53	51	92 623	21 992,880	384 107,482	17,465	17,002
54	52	91 958	21 250,493	362 114,602	17,040	16,577
55	53	91 221	20 515,964	340 864,109	16,615	16,152
56	54	90 412	19 789,876	320 348,145	16,187	15,725
57	55	89 524	19 071,095	300 558,269	15,760	15,297
58	56	88 555	18 359,687	281 487,174	15,332	14,869
59	57	87 489	17 653,373	263 127,487	14,905	14,442
60	58	86 334	16 954,012	245 474,114	14,479	14,016
61	59	85 090	16 262,530	228 520,102	14,052	13,589
62	60	83 749	15 577,761	212 257,572	13,626	13,163
63	61	82 287	14 896,246	196 679,811	13,203	12,740
64	62	80 757	14 228,053	181 783,565	12,776	12,314
65	63	79 121	13 566,615	167 555,512	12,351	11,888
66	64	77 392	12 915,019	153 988,898	11,923	11,460
67	65	75 572	12 273,806	141 073,879	11,494	11,031
68	66	73 621	11 636,856	128 800,073	11,068	10,605
69	67	71 613	11 016,505	117 163,217	10,635	10,172
70	68	69 455	10 398,623	106 146,712	10,208	9,745
71	69	67 205	9 792,515	95 748,089	9,778	9,315
72	70	64 834	9 194,092	85 955,575	9,349	8,886
73	71	62 369	8 607,874	76 761,483	8,918	8,455
74	72	59 793	8 031,437	68 153,609	8,486	8,023
75	73	57 109	7 465,657	60 122,172	8,053	7,590
76	74	54 311	6 909,906	52 656,516	7,620	7,158
77	75	51 373	6 361,104	45 746,610	7,192	6,729
78	76	48 314	5 822,277	39 385,506	6,765	6,302
79	77	45 074	5 286,462	33 563,229	6,349	5,886
80	78	41 673	4 756,781	28 276,767	5,945	5,482
81	79	38 130	4 235,785	23 519,985	5,553	5,090
82	80	34 421	3 721,446	19 284,200	5,182	4,719
83	81	30 624	3 222,328	15 562,754	4,830	4,367
84	82	26 792	2 743,673	12 340,426	4,498	4,035
85	83	23 018	2 294,096	9 596,753	4,183	3,720
86	84	19 350	1 876,913	7 302,657	3,891	3,428
87	85	15 883	1 499,386	5 425,744	3,619	3,156
88	86	12 707	1 167,491	3 926,358	3,363	2,900
89	87	9 869	882,493	2 758,867	3,126	2,663
90	88	7 430	646,564	1 876,374	2,902	2,439
91	89	5 396	456,991	1 229,810	2,691	2,228
92	90	3 740	308,297	772,818	2,507	2,044
93	91	2 472	198,331	464,521	2,342	1,879
94	92	1 557	121,534	266,190	2,190	1,727
95	93	919	69,814	144,656	2,072	1,609
96	94	519	38,368	74,842	1,951	1,488
97	95	273	19,631	36,474	1,858	1,395
98	96	136	9,498	16,843	1,773	1,310
99	97	63	4,311	7,344	1,704	1,241
100	98	28	1,866	3,033	1,625	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	91 817,496	2 902 458,485	31,611	31,148
4	1	99 285	89 074,837	2 810 640,989	31,554	31,091
5	2	99 250	86 660,756	2 721 566,152	31,405	30,942
6	3	99 229	84 323,378	2 634 905,396	31,248	30,785
7	4	99 207	82 048,261	2 550 582,018	31,086	30,624
8	5	99 190	79 838,339	2 468 533,757	30,919	30,456
9	6	99 174	77 689,389	2 388 695,418	30,747	30,284
10	7	99 160	75 599,054	2 311 006,029	30,569	30,106
11	8	99 147	73 566,437	2 235 406,974	30,386	29,923
12	9	99 132	71 586,679	2 161 840,537	30,199	29,736
13	10	99 118	69 660,767	2 090 253,858	30,006	29,543
14	11	99 103	67 785,867	2 020 593,091	29,808	29,346
15	12	99 083	65 958,765	1 952 807,224	29,606	29,144
16	13	99 060	64 178,719	1 886 848,459	29,400	28,937
17	14	99 026	62 439,600	1 822 669,739	29,191	28,728
18	15	98 987	60 744,275	1 760 230,139	28,978	28,515
19	16	98 937	59 088,459	1 699 485,864	28,762	28,299
20	17	98 881	57 474,893	1 640 397,405	28,541	28,078
21	18	98 822	55 903,236	1 582 922,512	28,315	27,853
22	19	98 758	54 371,637	1 527 019,276	28,085	27,622
23	20	98 694	52 882,359	1 472 647,639	27,848	27,385
24	21	98 631	51 433,856	1 419 765,280	27,604	27,141
25	22	98 567	50 024,800	1 368 331,424	27,353	26,890
26	23	98 502	48 654,091	1 318 306,624	27,095	26,633
27	24	98 434	47 319,207	1 269 652,533	26,832	26,369
28	25	98 366	46 020,650	1 222 333,325	26,561	26,098
29	26	98 297	44 757,536	1 176 312,676	26,282	25,819
30	27	98 221	43 526,233	1 131 555,139	25,997	25,534
31	28	98 143	42 327,645	1 088 028,906	25,705	25,242
32	29	98 051	41 156,165	1 045 701,262	25,408	24,945
33	30	97 957	40 016,245	1 004 545,096	25,103	24,641
34	31	97 859	38 906,041	964 528,852	24,791	24,328
35	32	97 749	37 822,192	925 622,811	24,473	24,010
36	33	97 628	36 764,478	887 800,619	24,148	23,686
37	34	97 507	35 736,038	851 036,142	23,815	23,352
38	35	97 377	34 733,421	815 300,104	23,473	23,010
39	36	97 236	33 754,748	780 566,683	23,125	22,662
40	37	97 084	32 800,097	746 811,935	22,769	22,306
41	38	96 918	31 867,446	714 011,837	22,406	21,943
42	39	96 732	30 955,327	682 144,391	22,036	21,574
43	40	96 531	30 064,029	651 189,064	21,660	21,197
44	41	96 307	29 191,653	621 125,035	21,277	20,815
45	42	96 061	28 337,721	591 933,382	20,889	20,426
46	43	95 785	27 500,072	563 595,660	20,494	20,032
47	44	95 490	26 681,554	536 095,588	20,092	19,630
48	45	95 155	25 876,479	509 414,035	19,686	19,224
49	46	94 785	25 085,863	483 537,556	19,275	18,812
50	47	94 367	24 306,734	458 451,693	18,861	18,398
51	48	93 900	23 539,180	434 144,959	18,444	17,981
52	49	93 388	22 784,222	410 605,779	18,021	17,559
53	50	92 806	22 036,306	387 821,557	17,599	17,136
54	51	92 161	21 297,534	365 785,252	17,175	16,712
55	52	91 445	20 566,461	344 487,717	16,750	16,287
56	53	90 660	19 844,113	323 921,256	16,323	15,860
57	54	89 794	19 128,665	304 077,143	15,896	15,434
58	55	88 849	18 420,722	284 948,478	15,469	15,006
59	56	87 807	17 717,491	266 527,756	15,043	14,580
60	57	86 680	17 021,968	248 810,265	14,617	14,154
61	58	85 467	16 334,575	231 788,297	14,190	13,727
62	59	84 155	15 653,367	215 453,722	13,764	13,301
63	60	82 733	14 976,987	199 800,355	13,340	12,878
64	61	81 212	14 308,108	184 823,369	12,917	12,455
65	62	79 604	13 649,558	170 515,260	12,492	12,030
66	63	77 905	13 000,620	156 865,703	12,066	11,603
67	64	76 127	12 363,906	143 865,082	11,636	11,173
68	65	74 215	11 730,846	131 501,176	11,210	10,747
69	66	72 244	11 113,586	119 770,330	10,777	10,314
70	67	70 135	10 500,418	108 656,744	10,348	9,885
71	68	67 899	9 893,575	98 156,326	9,921	9,458
72	69	65 566	9 297,970	88 262,750	9,493	9,030
73	70	63 138	8 714,041	78 964,780	9,062	8,599
74	71	60 604	8 140,440	70 250,739	8,630	8,167
75	72	57 944	7 574,804	62 110,298	8,200	7,737
76	73	55 166	7 018,572	54 535,494	7,770	7,307
77	74	52 267	6 471,827	47 516,922	7,342	6,879
78	75	49 253	5 935,452	41 045,095	6,915	6,452
79	76	46 080	5 404,420	35 109,643	6,496	6,034
80	77	42 718	4 876,009	29 705,223	6,092	5,629
81	78	39 232	4 358,253	24 829,214	5,697	5,234
82	79	35 593	3 848,140	20 470,962	5,320	4,857
83	80	31 847	3 351,035	16 622,822	4,961	4,498
84	81	28 027	2 870,139	13 271,787	4,624	4,161
85	82	24 238	2 415,706	10 401,648	4,306	3,843
86	83	20 543	1 992,650	7 985,942	4,008	3,545
87	84	17 028	1 607,440	5 993,292	3,728	3,266
88	85	13 771	1 265,191	4 385,853	3,467	3,004
89	86	10 833	968,610	3 120,662	3,222	2,759
90	87	8 266	719,355	2 152,052	2,992	2,529
91	88	6 096	516,273	1 432,697	2,775	2,312
92	89	4 304	354,739	916,424	2,583	2,121
93	90	2 902	232,766	561,685	2,413	1,950
94	91	1 869	145,958	328,919	2,254	1,791
95	92	1 131	85,931	182,961	2,129	1,666
96	93	656	48,518	97,030	2,000	1,537
97	94	357	25,668	48,512	1,890	1,427
98	95	181	12,648	22,844	1,806	1,343
99	96	87	5,901	10,197	1,728	1,265
100	97	39	2,582	4,295	1,664	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	89 348,588	2 814 961,190	31,505	31,043
5	1	99 273	86 680,784	2 725 612,602	31,444	30,981
6	2	99 241	84 333,421	2 638 931,817	31,292	30,829
7	3	99 219	82 058,037	2 554 598,397	31,132	30,669
8	4	99 199	79 845,599	2 472 540,360	30,967	30,504
9	5	99 182	77 695,216	2 392 694,761	30,796	30,333
10	6	99 166	75 604,031	2 314 999,544	30,620	30,157
11	7	99 152	73 570,064	2 239 395,513	30,439	29,976
12	8	99 138	71 591,112	2 165 825,450	30,253	29,790
13	9	99 124	69 665,275	2 094 234,338	30,061	29,599
14	10	99 108	67 789,884	2 024 569,063	29,865	29,403
15	11	99 091	65 963,679	1 956 779,179	29,664	29,202
16	12	99 068	64 183,797	1 890 815,501	29,459	28,997
17	13	99 035	62 444,953	1 826 631,703	29,252	28,789
18	14	98 997	60 750,649	1 764 186,750	29,040	28,577
19	15	98 949	59 095,852	1 703 436,101	28,825	28,362
20	16	98 895	57 483,004	1 644 340,248	28,606	28,143
21	17	98 837	55 911,423	1 586 857,245	28,382	27,919
22	18	98 778	54 382,711	1 530 945,822	28,151	27,689
23	19	98 714	52 892,569	1 476 563,111	27,916	27,453
24	20	98 649	51 443,382	1 423 670,542	27,675	27,212
25	21	98 583	50 033,083	1 372 227,160	27,426	26,964
26	22	98 519	48 662,512	1 322 194,077	27,171	26,708
27	23	98 456	47 329,477	1 273 531,564	26,908	26,445
28	24	98 382	46 028,455	1 226 202,087	26,640	26,177
29	25	98 315	44 765,883	1 180 173,633	26,363	25,900
30	26	98 240	43 534,704	1 135 407,749	26,081	25,618
31	27	98 165	42 336,892	1 091 873,046	25,790	25,327
32	28	98 076	41 166,432	1 049 536,153	25,495	25,032
33	29	97 983	40 026,603	1 008 369,721	25,192	24,730
34	30	97 888	38 917,597	968 343,119	24,882	24,419
35	31	97 780	37 834,268	929 425,522	24,566	24,103
36	32	97 662	36 777,241	891 591,254	24,243	23,780
37	33	97 541	35 748,766	854 814,013	23,912	23,449
38	34	97 415	34 747,011	819 065,247	23,572	23,109
39	35	97 275	33 768,339	784 318,235	23,226	22,764
40	36	97 130	32 815,483	750 549,896	22,872	22,409
41	37	96 962	31 882,119	717 734,413	22,512	22,049
42	38	96 789	30 973,467	685 852,294	22,143	21,680
43	39	96 588	30 081,949	654 878,827	21,770	21,307
44	40	96 373	29 211,479	624 796,878	21,389	20,926
45	41	96 134	28 359,355	595 585,399	21,001	20,539
46	42	95 865	27 522,911	567 226,044	20,609	20,146
47	43	95 576	26 705,587	539 703,133	20,209	19,747
48	44	95 252	25 902,901	512 997,546	19,805	19,342
49	45	94 890	25 113,789	487 094,645	19,396	18,933
50	46	94 487	24 337,636	461 980,856	18,982	18,519
51	47	94 035	23 572,972	437 643,220	18,565	18,103
52	48	93 537	22 820,725	414 070,248	18,144	17,682
53	49	92 974	22 076,296	391 249,523	17,723	17,260
54	50	92 343	21 339,587	369 173,227	17,300	16,837
55	51	91 647	20 611,989	347 833,639	16,875	16,412
56	52	90 883	19 892,956	327 221,651	16,449	15,986
57	53	90 040	19 181,090	307 328,695	16,022	15,560
58	54	89 117	18 476,329	288 147,605	15,596	15,133
59	55	88 099	17 776,391	269 671,276	15,170	14,707
60	56	86 995	17 083,792	251 894,885	14,745	14,282
61	57	85 810	16 400,048	234 811,093	14,318	13,855
62	58	84 528	15 722,713	218 411,044	13,891	13,429
63	59	83 135	15 049,677	202 688,331	13,468	13,005
64	60	81 652	14 385,662	187 638,655	13,043	12,581
65	61	80 052	13 726,358	173 252,993	12,622	12,159
66	62	78 381	13 080,103	159 526,635	12,196	11,733
67	63	76 632	12 445,855	146 446,531	11,767	11,304
68	64	74 760	11 816,960	134 000,677	11,340	10,877
69	65	72 827	11 203,349	122 183,717	10,906	10,443
70	66	70 753	10 592,952	110 980,367	10,477	10,014
71	67	68 564	9 990,427	100 387,415	10,048	9,586
72	68	66 243	9 393,927	90 396,988	9,623	9,160
73	69	63 852	8 812,496	81 003,061	9,192	8,729
74	70	61 352	8 240,843	72 190,565	8,760	8,297
75	71	58 730	7 677,610	63 949,722	8,329	7,867
76	72	55 972	7 121,184	56 272,111	7,902	7,439
77	73	53 089	6 573,604	49 150,928	7,477	7,014
78	74	50 111	6 038,765	42 577,323	7,051	6,588
79	75	46 976	5 509,472	36 538,558	6,632	6,169
80	76	43 671	4 984,808	31 029,086	6,225	5,762
81	77	40 215	4 467,491	26 044,278	5,830	5,367
82	78	36 622	3 959,400	21 576,787	5,450	4,987
83	79	32 931	3 465,118	17 617,387	5,084	4,621
84	80	29 146	2 984,778	14 152,270	4,741	4,279
85	81	25 355	2 527,055	11 167,491	4,419	3,956
86	82	21 632	2 098,281	8 640,436	4,118	3,655
87	83	18 078	1 706,560	6 542,156	3,834	3,371
88	84	14 763	1 356,367	4 835,596	3,565	3,102
89	85	11 739	1 049,667	3 479,229	3,315	2,852
90	86	9 073	789,552	2 429,562	3,077	2,614
91	87	6 782	574,396	1 640,010	2,855	2,392
92	88	4 862	400,756	1 065,614	2,659	2,196
93	89	3 339	267,830	664,858	2,482	2,020
94	90	2 194	171,299	397,028	2,318	1,855
95	91	1 358	103,200	225,729	2,187	1,724
96	92	808	59,718	122,529	2,052	1,589
97	93	451	32,458	62,811	1,935	1,472
98	94	236	16,537	30,353	1,835	1,373
99	95	115	7,858	13,816	1,758	1,295
100	96	53	3,534	5,957	1,686	1,223

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	86 947,178	2 729 602,495	31,394	30,931
6	1	99 264	84 352,911	2 642 655,317	31,329	30,866
7	2	99 231	82 067,810	2 558 302,406	31,173	30,710
8	3	99 210	79 855,113	2 476 234,596	31,009	30,546
9	4	99 191	77 702,282	2 396 379,483	30,841	30,378
10	5	99 174	75 609,702	2 318 677,202	30,666	30,204
11	6	99 158	73 574,907	2 243 067,500	30,487	30,024
12	7	99 143	71 594,641	2 169 492,593	30,302	29,840
13	8	99 130	69 669,588	2 097 897,952	30,112	29,649
14	9	99 115	67 794,270	2 028 228,364	29,917	29,455
15	10	99 096	65 967,587	1 960 434,093	29,718	29,255
16	11	99 076	64 188,578	1 894 466,506	29,514	29,051
17	12	99 043	62 449,894	1 830 277,928	29,308	28,845
18	13	99 006	60 755,857	1 767 828,034	29,097	28,634
19	14	98 959	59 102,054	1 707 072,177	28,883	28,421
20	15	98 908	57 490,196	1 647 970,122	28,665	28,202
21	16	98 851	55 919,313	1 590 479,926	28,442	27,980
22	17	98 793	54 390,675	1 534 560,613	28,214	27,751
23	18	98 734	52 903,342	1 480 169,938	27,979	27,516
24	19	98 668	51 453,314	1 427 266,596	27,739	27,276
25	20	98 601	50 042,350	1 375 813,282	27,493	27,030
26	21	98 536	48 670,570	1 325 770,933	27,240	26,777
27	22	98 473	47 337,669	1 277 100,363	26,979	26,516
28	23	98 404	46 038,444	1 229 762,694	26,712	26,249
29	24	98 332	44 773,475	1 183 724,250	26,438	25,975
30	25	98 259	43 542,823	1 138 950,774	26,157	25,694
31	26	98 184	42 345,132	1 095 407,952	25,869	25,406
32	27	98 097	41 175,426	1 053 062,820	25,575	25,112
33	28	98 007	40 036,588	1 011 887,394	25,274	24,811
34	29	97 913	38 927,670	971 850,807	24,966	24,503
35	30	97 809	37 845,506	932 923,136	24,651	24,188
36	31	97 693	36 788,984	895 077,631	24,330	23,867
37	32	97 575	35 761,177	858 288,647	24,001	23,538
38	33	97 450	34 759,387	822 527,470	23,663	23,201
39	34	97 313	33 781,552	787 768,082	23,319	22,857
40	35	97 169	32 828,696	753 986,531	22,967	22,504
41	36	97 008	31 897,074	721 157,835	22,609	22,146
42	37	96 834	30 987,728	689 260,761	22,243	21,780
43	38	96 645	30 099,577	658 273,033	21,870	21,407
44	39	96 430	29 228,891	628 173,456	21,492	21,029
45	40	96 200	28 378,616	598 944,565	21,105	20,643
46	41	95 938	27 543,923	570 565,949	20,715	20,252
47	42	95 655	26 727,766	543 022,026	20,317	19,854
48	43	95 338	25 926,232	516 294,260	19,914	19,451
49	44	94 987	25 139,432	490 368,027	19,506	19,043
50	45	94 592	24 364,729	465 228,595	19,094	18,632
51	46	94 154	23 602,942	440 863,867	18,678	18,216
52	47	93 672	22 853,487	417 260,925	18,258	17,795
53	48	93 123	22 111,665	394 407,438	17,837	17,374
54	49	92 511	21 378,313	372 295,773	17,415	16,952
55	50	91 828	20 652,688	350 917,460	16,991	16,529
56	51	91 084	19 936,993	330 264,772	16,565	16,103
57	52	90 262	19 228,301	310 327,779	16,139	15,676
58	53	89 362	18 526,966	291 099,478	15,712	15,249
59	54	88 365	17 830,053	272 572,512	15,287	14,824
60	55	87 284	17 140,586	254 742,459	14,862	14,399
61	56	86 121	16 459,614	237 601,874	14,435	13,973
62	57	84 867	15 785,734	221 142,260	14,009	13,546
63	58	83 503	15 116,348	205 356,526	13,585	13,122
64	59	82 048	14 455,482	190 240,178	13,160	12,698
65	60	80 486	13 800,759	175 784,696	12,737	12,274
66	61	78 822	13 153,700	161 983,937	12,315	11,852
67	62	77 100	12 521,946	148 830,238	11,886	11,423
68	63	75 256	11 895,283	136 308,292	11,459	10,996
69	64	73 362	11 285,592	124 413,008	11,024	10,561
70	65	71 325	10 678,510	113 127,417	10,594	10,131
71	66	69 168	10 078,466	102 448,907	10,165	9,702
72	67	66 891	9 485,887	92 370,440	9,738	9,275
73	68	64 511	8 903,443	82 884,553	9,309	8,846
74	69	62 045	8 333,951	73 981,110	8,877	8,414
75	70	59 455	7 772,304	65 647,158	8,446	7,983
76	71	56 732	7 217,833	57 874,854	8,018	7,555
77	72	53 865	6 669,710	50 657,021	7,595	7,132
78	73	50 899	6 133,733	43 987,310	7,171	6,709
79	74	47 794	5 605,371	37 853,578	6,753	6,290
80	75	44 520	5 081,703	32 248,207	6,346	5,883
81	76	41 113	4 567,175	27 166,504	5,948	5,485
82	77	37 540	4 058,641	22 599,329	5,568	5,105
83	78	33 884	3 565,304	18 540,688	5,200	4,737
84	79	30 139	3 086,392	14 975,384	4,852	4,389
85	80	26 368	2 627,991	11 888,992	4,524	4,061
86	81	22 629	2 194,998	9 261,001	4,219	3,756
87	82	19 036	1 797,025	7 066,003	3,932	3,469
88	83	15 673	1 440,006	5 268,979	3,659	3,196
89	84	12 585	1 125,311	3 828,973	3,403	2,940
90	85	9 832	855,625	2 703,662	3,160	2,697
91	86	7 444	630,447	1 848,037	2,931	2,468
92	87	5 409	445,874	1 217,590	2,731	2,268
93	88	3 772	302,573	771,716	2,551	2,088
94	89	2 525	197,104	469,143	2,380	1,917
95	90	1 594	121,118	272,040	2,246	1,783
96	91	970	71,720	150,922	2,104	1,642
97	92	555	39,951	79,202	1,982	1,520
98	93	299	20,912	39,251	1,877	1,414
99	94	151	10,275	18,339	1,785	1,322
100	95	71	4,706	8,064	1,714	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	84 612,151	2 646 337,224	31,276	30,813
7	1	99 254	82 086,777	2 561 725,074	31,208	30,745
8	2	99 222	79 864,623	2 479 638,297	31,048	30,585
9	3	99 202	77 711,540	2 399 773,674	30,881	30,418
10	4	99 183	75 616,577	2 322 062,134	30,708	30,246
11	5	99 166	73 580,425	2 246 445,557	30,530	30,068
12	6	99 150	71 599,354	2 172 865,132	30,348	29,885
13	7	99 135	69 673,023	2 101 265,778	30,159	29,696
14	8	99 121	67 798,468	2 031 592,755	29,965	29,502
15	9	99 103	65 971,856	1 963 794,287	29,767	29,304
16	10	99 082	64 192,382	1 897 822,431	29,565	29,102
17	11	99 050	62 454,546	1 833 630,049	29,359	28,897
18	12	99 014	60 760,665	1 771 175,503	29,150	28,687
19	13	98 968	59 107,121	1 710 414,839	28,938	28,475
20	14	98 918	57 496,229	1 651 307,718	28,720	28,257
21	15	98 863	55 926,309	1 593 811,488	28,498	28,036
22	16	98 807	54 398,351	1 537 885,179	28,271	27,808
23	17	98 748	52 911,089	1 483 486,828	28,037	27,575
24	18	98 688	51 463,794	1 430 575,739	27,798	27,335
25	19	98 621	50 052,011	1 379 111,945	27,554	27,091
26	20	98 554	48 679,584	1 329 059,934	27,302	26,839
27	21	98 489	47 345,507	1 280 380,350	27,043	26,581
28	22	98 421	46 046,412	1 233 034,843	26,778	26,315
29	23	98 353	44 783,193	1 186 988,430	26,505	26,042
30	24	98 275	43 550,208	1 142 205,238	26,227	25,764
31	25	98 202	42 353,029	1 098 655,030	25,940	25,478
32	26	98 116	41 183,439	1 056 302,001	25,649	25,186
33	27	98 028	40 045,335	1 015 118,562	25,349	24,886
34	28	97 937	38 937,381	975 073,228	25,042	24,579
35	29	97 834	37 855,302	936 135,847	24,729	24,266
36	30	97 722	36 799,911	898 280,545	24,410	23,947
37	31	97 606	35 772,595	861 480,634	24,082	23,619
38	32	97 484	34 771,455	825 708,038	23,747	23,284
39	33	97 348	33 793,584	790 936,584	23,405	22,942
40	34	97 207	32 841,541	757 143,000	23,054	22,592
41	35	97 047	31 909,917	724 301,459	22,698	22,235
42	36	96 879	31 002,263	692 391,542	22,334	21,871
43	37	96 689	30 113,436	661 389,279	21,963	21,500
44	38	96 487	29 246,019	631 275,843	21,585	21,122
45	39	96 257	28 395,531	602 029,823	21,202	20,739
46	40	96 003	27 562,630	573 634,292	20,812	20,349
47	41	95 728	26 748,171	546 071,662	20,415	19,952
48	42	95 417	25 947,764	519 323,491	20,014	19,551
49	43	95 073	25 162,076	493 375,727	19,608	19,145
50	44	94 688	24 389,607	468 213,651	19,197	18,734
51	45	94 259	23 629,216	443 824,044	18,783	18,320
52	46	93 791	22 882,541	420 194,827	18,363	17,900
53	47	93 257	22 143,409	397 312,286	17,943	17,480
54	48	92 659	21 412,564	375 168,877	17,521	17,058
55	49	91 995	20 690,167	353 756,313	17,098	16,635
56	50	91 264	19 976,359	333 066,146	16,673	16,210
57	51	90 462	19 270,866	313 089,787	16,247	15,784
58	52	89 581	18 572,567	293 818,920	15,820	15,357
59	53	88 607	17 878,919	275 246,354	15,395	14,932
60	54	87 548	17 192,328	257 367,435	14,970	14,507
61	55	86 408	16 514,332	240 175,107	14,543	14,081
62	56	85 175	15 843,068	223 660,774	14,117	13,654
63	57	83 838	15 176,939	207 817,706	13,693	13,230
64	58	82 412	14 519,521	192 640,767	13,268	12,805
65	59	80 877	13 867,740	178 121,246	12,844	12,381
66	60	79 249	13 224,996	164 253,507	12,420	11,957
67	61	77 534	12 592,402	151 028,511	11,994	11,531
68	62	75 716	11 968,009	138 436,109	11,567	11,104
69	63	73 848	11 360,393	126 468,100	11,132	10,670
70	64	71 848	10 756,899	115 107,707	10,701	10,238
71	65	69 727	10 159,869	104 350,808	10,271	9,808
72	66	67 481	9 569,481	94 190,939	9,843	9,380
73	67	65 142	8 990,602	84 621,458	9,412	8,949
74	68	62 685	8 419,960	75 630,857	8,982	8,520
75	69	60 127	7 860,119	67 210,897	8,551	8,088
76	70	57 431	7 306,857	59 350,778	8,123	7,660
77	71	54 596	6 760,232	52 043,921	7,699	7,236
78	72	51 643	6 223,408	45 283,689	7,276	6,814
79	73	48 545	5 693,522	39 060,281	6,860	6,398
80	74	45 295	5 170,157	33 366,759	6,454	5,991
81	75	41 912	4 655,952	28 196,603	6,056	5,593
82	76	38 377	4 149,202	23 540,651	5,674	5,211
83	77	34 733	3 654,667	19 391,449	5,306	4,843
84	78	31 010	3 175,628	15 736,781	4,955	4,493
85	79	27 266	2 717,458	12 561,153	4,622	4,160
86	80	23 533	2 282,671	9 843,695	4,312	3,850
87	81	19 913	1 879,856	7 561,024	4,022	3,559
88	82	16 504	1 516,340	5 681,168	3,747	3,284
89	83	13 361	1 194,702	4 164,828	3,486	3,023
90	84	10 541	917,286	2 970,126	3,238	2,775
91	85	8 067	683,205	2 052,840	3,005	2,542
92	86	5 937	489,384	1 369,635	2,799	2,336
93	87	4 196	336,637	880,251	2,615	2,152
94	88	2 852	222,672	543,614	2,441	1,979
95	89	1 834	139,363	320,942	2,303	1,840
96	90	1 138	84,172	181,579	2,157	1,694
97	91	667	47,980	97,407	2,030	1,567
98	92	367	25,739	49,427	1,920	1,457
99	93	191	12,993	23,688	1,823	1,360
100	94	93	6,153	10,695	1,738	1,275

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	82 339,052	2 565 120,808	31,153	30,690
8	1	99 245	79 883,080	2 482 781,756	31,080	30,617
9	2	99 214	77 720,795	2 402 898,676	30,917	30,454
10	3	99 194	75 625,587	2 325 177,881	30,746	30,283
11	4	99 175	73 587,116	2 249 552,294	30,570	30,107
12	5	99 157	71 604,724	2 175 965,177	30,389	29,926
13	6	99 142	69 677,610	2 104 360,453	30,201	29,739
14	7	99 126	67 801,810	2 034 682,844	30,009	29,546
15	8	99 109	65 975,941	1 966 881,033	29,812	29,349
16	9	99 088	64 196,536	1 900 905,092	29,611	29,148
17	10	99 056	62 458,246	1 836 708,557	29,407	28,944
18	11	99 021	60 765,191	1 774 250,310	29,198	28,736
19	12	98 976	59 111,798	1 713 485,120	28,987	28,524
20	13	98 927	57 501,158	1 654 373,322	28,771	28,308
21	14	98 874	55 932,179	1 596 872,164	28,550	28,087
22	15	98 819	54 405,157	1 540 939,985	28,323	27,861
23	16	98 762	52 918,556	1 486 534,828	28,091	27,628
24	17	98 703	51 471,330	1 433 616,272	27,853	27,390
25	18	98 641	50 062,206	1 382 144,941	27,609	27,146
26	19	98 573	48 688,982	1 332 082,736	27,359	26,896
27	20	98 507	47 354,276	1 283 393,754	27,102	26,639
28	21	98 437	46 054,037	1 236 039,478	26,839	26,376
29	22	98 370	44 790,944	1 189 985,441	26,568	26,105
30	23	98 297	43 559,659	1 145 194,498	26,290	25,827
31	24	98 219	42 360,212	1 101 634,838	26,006	25,544
32	25	98 135	41 191,120	1 059 274,626	25,716	25,253
33	26	98 048	40 053,128	1 018 083,507	25,418	24,956
34	27	97 959	38 945,888	978 030,379	25,113	24,650
35	28	97 859	37 864,745	939 084,491	24,801	24,338
36	29	97 747	36 809,437	901 219,746	24,483	24,021
37	30	97 635	35 783,221	864 410,309	24,157	23,694
38	31	97 515	34 782,557	828 627,088	23,823	23,360
39	32	97 381	33 805,316	793 844,531	23,483	23,020
40	33	97 241	32 853,238	760 039,216	23,134	22,672
41	34	97 085	31 922,402	727 185,978	22,780	22,317
42	35	96 918	31 014,746	695 263,575	22,417	21,954
43	36	96 735	30 127,561	664 248,829	22,048	21,585
44	37	96 531	29 259,485	634 121,268	21,672	21,210
45	38	96 313	28 412,171	604 861,783	21,289	20,826
46	39	96 060	27 579,059	576 449,611	20,902	20,439
47	40	95 793	26 766,337	548 870,553	20,506	20,043
48	41	95 490	25 967,574	522 104,215	20,106	19,643
49	42	95 152	25 182,973	496 136,641	19,701	19,238
50	43	94 774	24 411,576	470 953,668	19,292	18,829
51	44	94 355	23 653,344	446 542,092	18,879	18,416
52	45	93 895	22 908,014	422 888,749	18,460	17,997
53	46	93 376	22 171,561	399 980,735	18,040	17,577
54	47	92 792	21 443,304	377 809,174	17,619	17,156
55	48	92 142	20 723,316	356 365,870	17,196	16,734
56	49	91 429	20 012,611	335 642,554	16,772	16,309
57	50	90 640	19 308,918	315 629,943	16,346	15,884
58	51	89 780	18 613,680	296 321,025	15,920	15,457
59	52	88 825	17 922,925	277 707,345	15,495	15,032
60	53	87 788	17 239,446	259 784,420	15,069	14,606
61	54	86 669	16 564,185	242 544,974	14,643	14,180
62	55	85 458	15 895,737	225 980,789	14,216	13,754
63	56	84 142	15 232,062	210 085,052	13,792	13,329
64	57	82 742	14 577,719	194 852,991	13,366	12,904
65	58	81 235	13 929,175	180 275,271	12,942	12,479
66	59	79 634	13 289,183	166 346,096	12,517	12,055
67	60	77 954	12 660,656	153 056,914	12,089	11,626
68	61	76 142	12 035,348	140 396,258	11,665	11,203
69	62	74 300	11 429,848	128 360,910	11,230	10,768
70	63	72 324	10 828,197	116 931,062	10,799	10,336
71	64	70 238	10 234,451	106 102,865	10,367	9,904
72	65	68 026	9 646,772	95 868,414	9,938	9,475
73	66	65 716	9 069,830	86 221,642	9,506	9,044
74	67	63 299	8 502,385	77 151,812	9,074	8,611
75	68	60 747	7 941,237	68 649,427	8,645	8,182
76	69	58 080	7 389,412	60 708,189	8,216	7,753
77	70	55 270	6 843,612	53 318,777	7,791	7,328
78	71	52 344	6 307,872	46 475,165	7,368	6,905
79	72	49 255	5 776,761	40 167,293	6,953	6,490
80	73	46 007	5 251,464	34 390,532	6,549	6,086
81	74	42 641	4 736,995	29 139,068	6,151	5,689
82	75	39 123	4 229,855	24 402,073	5,769	5,306
83	76	35 508	3 736,214	20 172,219	5,399	4,936
84	77	31 787	3 255,225	16 436,004	5,049	4,586
85	78	28 054	2 796,027	13 180,780	4,714	4,251
86	79	24 334	2 360,382	10 384,752	4,400	3,937
87	80	20 709	1 954,941	8 024,370	4,105	3,642
88	81	17 265	1 586,234	6 069,429	3,826	3,363
89	82	14 069	1 258,033	4 483,195	3,564	3,101
90	83	11 191	973,849	3 225,162	3,312	2,849
91	84	8 648	732,441	2 251,313	3,074	2,611
92	85	6 434	530,337	1 518,873	2,864	2,401
93	86	4 606	369,488	988,535	2,675	2,213
94	87	3 173	247,741	619,048	2,499	2,036
95	88	2 072	157,441	371,307	2,358	1,896
96	89	1 310	96,851	213,866	2,208	1,745
97	90	782	56,310	117,015	2,078	1,615
98	91	441	30,912	60,704	1,964	1,501
99	92	235	15,992	29,792	1,863	1,400
100	93	117	7,780	13,800	1,774	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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7						
8	0	99 550	80 128,583	2 485 912,404	31,024	30,561
9	1	99 237	77 738,757	2 405 783,820	30,947	30,484
10	2	99 206	75 634,594	2 328 045,063	30,780	30,317
11	3	99 187	73 595,884	2 252 410,469	30,605	30,142
12	4	99 166	71 611,236	2 178 814,585	30,426	29,963
13	5	99 149	69 682,835	2 107 203,349	30,240	29,777
14	6	99 132	67 806,274	2 037 520,514	30,049	29,586
15	7	99 114	65 979,193	1 969 714,240	29,854	29,391
16	8	99 094	64 200,511	1 903 735,047	29,653	29,190
17	9	99 062	62 462,288	1 839 534,536	29,450	28,988
18	10	99 027	60 768,791	1 777 072,248	29,243	28,780
19	11	98 983	59 116,201	1 716 303,457	29,033	28,570
20	12	98 934	57 505,708	1 657 187,256	28,818	28,355
21	13	98 882	55 936,974	1 599 681,548	28,598	28,135
22	14	98 829	54 410,867	1 543 744,574	28,372	27,909
23	15	98 774	52 925,177	1 489 333,708	28,140	27,678
24	16	98 717	51 478,594	1 436 408,530	27,903	27,440
25	17	98 655	50 069,537	1 384 929,936	27,660	27,197
26	18	98 593	48 698,899	1 334 860,400	27,410	26,948
27	19	98 526	47 363,418	1 286 161,501	27,155	26,692
28	20	98 455	46 062,566	1 238 798,083	26,894	26,431
29	21	98 386	44 798,360	1 192 735,516	26,625	26,162
30	22	98 314	43 567,198	1 147 937,156	26,349	25,886
31	23	98 240	42 369,405	1 104 369,958	26,065	25,602
32	24	98 151	41 198,106	1 062 000,552	25,778	25,315
33	25	98 066	40 060,598	1 020 802,447	25,481	25,019
34	26	97 978	38 953,467	980 741,849	25,177	24,714
35	27	97 880	37 873,018	941 788,382	24,867	24,404
36	28	97 772	36 818,619	903 915,364	24,550	24,088
37	29	97 661	35 792,483	867 096,745	24,226	23,763
38	30	97 544	34 792,888	831 304,262	23,893	23,430
39	31	97 413	33 816,110	796 511,374	23,554	23,091
40	32	97 275	32 864,644	762 695,264	23,207	22,744
41	33	97 119	31 933,772	729 830,621	22,855	22,392
42	34	96 956	31 026,881	697 896,848	22,493	22,030
43	35	96 774	30 139,692	666 869,967	22,126	21,663
44	36	96 576	29 273,210	636 730,275	21,751	21,288
45	37	96 358	28 425,253	607 457,065	21,370	20,908
46	38	96 117	27 595,220	579 031,812	20,983	20,520
47	39	95 850	26 782,291	551 436,592	20,590	20,127
48	40	95 555	25 985,210	524 654,300	20,190	19,728
49	41	95 224	25 202,199	498 669,090	19,787	19,324
50	42	94 852	24 431,850	473 466,891	19,379	18,916
51	43	94 440	23 674,649	449 035,042	18,967	18,504
52	44	93 991	22 931,405	425 360,392	18,549	18,086
53	45	93 480	22 196,242	402 428,987	18,131	17,668
54	46	92 910	21 470,566	380 232,745	17,709	17,247
55	47	92 275	20 753,066	358 762,180	17,287	16,824
56	48	91 576	20 044,674	338 009,113	16,863	16,400
57	49	90 805	19 343,958	317 964,439	16,437	15,975
58	50	89 957	18 650,434	298 620,481	16,011	15,549
59	51	89 022	17 962,600	279 970,047	15,586	15,123
60	52	88 004	17 281,878	262 007,447	15,161	14,698
61	53	86 906	16 609,581	244 725,568	14,734	14,271
62	54	85 716	15 943,722	228 115,987	14,308	13,845
63	55	84 422	15 282,699	212 172,266	13,883	13,420
64	56	83 043	14 630,666	196 889,566	13,457	12,994
65	57	81 561	13 985,007	182 258,900	13,032	12,570
66	58	79 987	13 348,055	168 273,893	12,607	12,144
67	59	78 332	12 722,104	154 925,838	12,178	11,715
68	60	76 555	12 100,582	142 203,734	11,752	11,289
69	61	74 718	11 494,159	130 103,152	11,319	10,856
70	62	72 766	10 894,398	118 608,993	10,887	10,424
71	63	70 704	10 302,285	107 714,595	10,455	9,993
72	64	68 525	9 717,588	97 412,310	10,024	9,562
73	65	66 247	9 143,086	87 694,722	9,591	9,129
74	66	63 857	8 577,312	78 551,636	9,158	8,695
75	67	61 342	8 018,976	69 974,324	8,726	8,263
76	68	58 680	7 465,673	61 955,348	8,299	7,836
77	69	55 894	6 920,934	54 489,675	7,873	7,410
78	70	52 989	6 385,672	47 568,741	7,449	6,986
79	71	49 923	5 855,164	41 183,069	7,034	6,571
80	72	46 680	5 328,240	35 327,905	6,630	6,167
81	73	43 312	4 811,490	29 999,665	6,235	5,772
82	74	39 804	4 303,481	25 188,175	5,853	5,390
83	75	36 198	3 808,839	20 884,695	5,483	5,020
84	76	32 497	3 327,859	17 075,855	5,131	4,668
85	77	28 757	2 866,109	13 747,996	4,797	4,334
86	78	25 038	2 428,627	10 881,887	4,481	4,018
87	79	21 414	2 021,496	8 453,260	4,182	3,719
88	80	17 955	1 649,591	6 431,765	3,899	3,436
89	81	14 718	1 316,020	4 782,173	3,634	3,171
90	82	11 784	1 025,473	3 466,153	3,380	2,917
91	83	9 181	777,605	2 440,680	3,139	2,676
92	84	6 898	568,556	1 663,075	2,925	2,462
93	85	4 991	400,407	1 094,519	2,734	2,271
94	86	3 483	271,916	694,111	2,553	2,090
95	87	2 305	175,166	422,195	2,410	1,947
96	88	1 480	109,415	247,029	2,258	1,795
97	89	900	64,793	137,614	2,124	1,661
98	90	518	36,279	72,821	2,007	1,544
99	91	282	19,206	36,542	1,903	1,440
100	92	144	9,576	17,336	1,810	1,347

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	77 977,670	2 408 669,554	30,889	30,426
10	1	99 229	75 652,074	2 330 691,884	30,808	30,345
11	2	99 199	73 604,649	2 255 039,810	30,637	30,174
12	3	99 178	71 619,768	2 181 435,161	30,459	29,996
13	4	99 158	69 689,172	2 109 815,393	30,275	29,812
14	5	99 140	67 811,359	2 040 126,221	30,085	29,622
15	6	99 120	65 983,537	1 972 314,861	29,891	29,428
16	7	99 099	64 203,676	1 906 331,325	29,692	29,229
17	8	99 069	62 466,156	1 842 127,649	29,490	29,027
18	9	99 033	60 772,724	1 779 661,493	29,284	28,821
19	10	98 989	59 119,704	1 718 888,770	29,075	28,612
20	11	98 942	57 509,992	1 659 769,066	28,861	28,398
21	12	98 890	55 941,399	1 602 259,074	28,642	28,179
22	13	98 838	54 415,531	1 546 317,675	28,417	27,954
23	14	98 785	52 930,732	1 491 902,144	28,186	27,723
24	15	98 729	51 485,035	1 438 971,412	27,949	27,486
25	16	98 669	50 076,603	1 387 486,377	27,707	27,244
26	17	98 608	48 706,030	1 337 409,775	27,459	26,996
27	18	98 546	47 373,065	1 288 703,744	27,203	26,740
28	19	98 474	46 071,459	1 241 330,679	26,944	26,481
29	20	98 405	44 806,657	1 195 259,220	26,676	26,213
30	21	98 330	43 574,412	1 150 452,563	26,402	25,939
31	22	98 257	42 376,738	1 106 878,150	26,120	25,657
32	23	98 173	41 207,047	1 064 501,412	25,833	25,370
33	24	98 082	40 067,392	1 023 294,365	25,539	25,077
34	25	97 996	38 960,732	983 226,973	25,236	24,774
35	26	97 899	37 880,388	944 266,241	24,928	24,465
36	27	97 793	36 826,663	906 385,853	24,612	24,149
37	28	97 685	35 801,412	869 559,190	24,288	23,826
38	29	97 569	34 801,894	833 757,778	23,957	23,494
39	30	97 442	33 826,154	798 955,884	23,619	23,157
40	31	97 306	32 875,137	765 129,730	23,274	22,811
41	32	97 153	31 944,859	732 254,593	22,922	22,460
42	33	96 991	31 037,932	700 309,734	22,563	22,100
43	34	96 812	30 151,485	669 271,802	22,197	21,734
44	35	96 615	29 284,996	639 120,317	21,824	21,361
45	36	96 403	28 438,587	609 835,321	21,444	20,981
46	37	96 161	27 607,926	581 396,734	21,059	20,596
47	38	95 907	26 797,986	553 788,808	20,665	20,202
48	39	95 612	26 000,699	526 990,822	20,268	19,806
49	40	95 289	25 219,315	500 990,123	19,865	19,403
50	41	94 925	24 450,502	475 770,808	19,459	18,996
51	42	94 519	23 694,311	451 320,306	19,048	18,585
52	43	94 076	22 952,060	427 625,995	18,631	18,168
53	44	93 575	22 218,906	404 673,935	18,213	17,750
54	45	93 013	21 494,467	382 455,029	17,793	17,330
55	46	92 392	20 779,451	360 960,562	17,371	16,908
56	47	91 707	20 073,450	340 181,111	16,947	16,484
57	48	90 950	19 374,950	320 107,661	16,522	16,059
58	49	90 120	18 684,280	300 732,711	16,095	15,633
59	50	89 198	17 998,068	282 048,431	15,671	15,208
60	51	88 198	17 320,135	264 050,363	15,245	14,782
61	52	87 120	16 650,463	246 730,228	14,818	14,355
62	53	85 951	15 987,418	230 079,765	14,391	13,928
63	54	84 677	15 328,834	214 092,348	13,967	13,504
64	55	83 319	14 679,304	198 763,514	13,540	13,078
65	56	81 857	14 035,801	184 084,210	13,115	12,653
66	57	80 307	13 401,558	170 048,409	12,689	12,226
67	58	78 679	12 778,464	156 646,851	12,259	11,796
68	59	76 926	12 159,312	143 868,387	11,832	11,369
69	60	75 123	11 556,460	131 709,076	11,397	10,934
70	61	73 176	10 955,696	120 152,615	10,967	10,504
71	62	71 136	10 365,271	109 196,919	10,535	10,072
72	63	68 979	9 781,997	98 831,648	10,103	9,641
73	64	66 733	9 210,204	89 049,651	9,669	9,206
74	65	64 372	8 646,589	79 839,447	9,234	8,771
75	66	61 882	8 089,643	71 192,858	8,800	8,338
76	67	59 254	7 538,756	63 103,215	8,371	7,908
77	68	56 471	6 992,359	55 564,458	7,946	7,484
78	69	53 588	6 457,820	48 572,099	7,521	7,059
79	70	50 539	5 927,380	42 114,279	7,105	6,642
80	71	47 313	5 400,555	36 186,898	6,701	6,238
81	72	43 945	4 881,834	30 786,343	6,306	5,843
82	73	40 430	4 371,158	25 904,509	5,926	5,463
83	74	36 828	3 875,137	21 533,351	5,557	5,094
84	75	33 128	3 392,546	17 658,214	5,205	4,742
85	76	29 399	2 930,061	14 265,668	4,869	4,406
86	77	25 665	2 489,500	11 335,607	4,553	4,091
87	78	22 033	2 079,943	8 846,107	4,253	3,790
88	79	18 566	1 705,750	6 766,165	3,967	3,504
89	80	15 306	1 368,585	5 060,414	3,698	3,235
90	81	12 327	1 072,740	3 691,829	3,441	2,979
91	82	9 668	818,826	2 619,089	3,199	2,736
92	83	7 323	603,615	1 800,263	2,982	2,520
93	84	5 351	429,263	1 196,648	2,788	2,325
94	85	3 774	294,671	767,385	2,604	2,141
95	86	2 530	192,260	472,714	2,459	1,996
96	87	1 646	121,733	280,454	2,304	1,841
97	88	1 017	73,198	158,721	2,168	1,706
98	89	596	41,744	85,523	2,049	1,586
99	90	331	22,541	43,779	1,942	1,479
100	91	173	11,501	21,238	1,847	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
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4						
5						
6						
7						
8						
9						
10	0	99 534	75 884,573	2 333 351,820	30,749	30,286
11	1	99 221	73 621,660	2 257 467,246	30,663	30,200
12	2	99 190	71 628,298	2 183 845,586	30,489	30,026
13	3	99 170	69 697,476	2 112 217,288	30,306	29,843
14	4	99 149	67 817,526	2 042 519,813	30,118	29,655
15	5	99 128	65 988,486	1 974 702,287	29,925	29,462
16	6	99 106	64 207,902	1 908 713,801	29,727	29,264
17	7	99 073	62 469,235	1 844 505,899	29,527	29,064
18	8	99 040	60 776,486	1 782 036,664	29,321	28,858
19	9	98 995	59 123,530	1 721 260,177	29,113	28,650
20	10	98 948	57 513,399	1 662 136,648	28,900	28,437
21	11	98 897	55 945,566	1 604 623,248	28,682	28,219
22	12	98 846	54 419,837	1 548 677,682	28,458	27,995
23	13	98 793	52 935,269	1 494 257,845	28,228	27,765
24	14	98 739	51 490,438	1 441 322,576	27,992	27,529
25	15	98 681	50 082,868	1 389 832,138	27,751	27,288
26	16	98 622	48 712,904	1 339 749,270	27,503	27,040
27	17	98 561	47 380,002	1 291 036,366	27,249	26,786
28	18	98 494	46 080,843	1 243 656,364	26,989	26,526
29	19	98 424	44 815,308	1 197 575,520	26,722	26,260
30	20	98 348	43 582,483	1 152 760,213	26,450	25,987
31	21	98 273	42 383,755	1 109 177,730	26,170	25,707
32	22	98 190	41 214,179	1 066 793,975	25,884	25,421
33	23	98 104	40 076,088	1 025 579,796	25,591	25,128
34	24	98 013	38 967,340	985 503,708	25,291	24,828
35	25	97 917	37 887,453	946 536,369	24,983	24,520
36	26	97 812	36 833,830	908 648,916	24,669	24,206
37	27	97 706	35 809,234	871 815,086	24,346	23,883
38	28	97 593	34 810,576	836 005,853	24,016	23,553
39	29	97 467	33 834,910	801 195,277	23,680	23,217
40	30	97 335	32 884,902	767 360,367	23,335	22,872
41	31	97 184	31 955,059	734 475,465	22,985	22,522
42	32	97 024	31 048,708	702 520,407	22,626	22,164
43	33	96 846	30 162,224	671 471,699	22,262	21,799
44	34	96 653	29 296,455	641 309,475	21,890	21,428
45	35	96 442	28 450,037	612 013,020	21,512	21,049
46	36	96 206	27 620,876	583 562,983	21,128	20,665
47	37	95 951	26 810,325	555 942,107	20,736	20,273
48	38	95 668	26 015,935	529 131,782	20,339	19,876
49	39	95 346	25 234,347	503 115,847	19,938	19,475
50	40	94 989	24 467,108	477 881,500	19,532	19,069
51	41	94 591	23 712,400	453 414,392	19,121	18,659
52	42	94 154	22 971,122	429 701,992	18,706	18,243
53	43	93 659	22 238,920	406 730,870	18,289	17,826
54	44	93 108	21 516,414	384 491,950	17,870	17,407
55	45	92 495	20 802,582	362 975,536	17,449	16,986
56	46	91 824	20 098,971	342 172,954	17,024	16,562
57	47	91 081	19 402,765	322 073,983	16,599	16,137
58	48	90 265	18 714,214	302 671,218	16,173	15,711
59	49	89 360	18 030,730	283 957,004	15,749	15,286
60	50	88 373	17 354,334	265 926,274	15,323	14,861
61	51	87 313	16 687,321	248 571,939	14,896	14,433
62	52	86 163	16 026,768	231 884,618	14,469	14,006
63	53	84 909	15 370,844	215 857,850	14,043	13,581
64	54	83 570	14 723,617	200 487,005	13,617	13,154
65	55	82 129	14 082,462	185 763,389	13,191	12,728
66	56	80 599	13 450,233	171 680,927	12,764	12,301
67	57	78 995	12 829,684	158 230,694	12,333	11,870
68	58	77 267	12 213,179	145 401,011	11,905	11,442
69	59	75 487	11 612,549	133 187,832	11,469	11,006
70	60	73 573	11 015,079	121 575,283	11,037	10,574
71	61	71 536	10 423,592	110 560,204	10,607	10,144
72	62	69 401	9 841,802	100 136,612	10,175	9,712
73	63	67 176	9 271,250	90 294,810	9,739	9,276
74	64	64 845	8 710,063	81 023,560	9,302	8,839
75	65	62 382	8 154,982	72 313,498	8,867	8,405
76	66	59 776	7 605,191	64 158,516	8,436	7,973
77	67	57 024	7 060,809	56 553,325	8,009	7,547
78	68	54 141	6 524,466	49 492,515	7,586	7,123
79	69	51 110	5 994,350	42 968,049	7,168	6,705
80	70	47 897	5 467,165	36 973,699	6,763	6,300
81	71	44 542	4 948,090	31 506,534	6,367	5,905
82	72	41 021	4 435,064	26 558,443	5,988	5,525
83	73	37 407	3 936,078	22 123,379	5,621	5,158
84	74	33 705	3 451,598	18 187,301	5,269	4,806
85	75	29 970	2 987,016	14 735,703	4,933	4,470
86	76	26 238	2 545,048	11 748,687	4,616	4,153
87	77	22 585	2 132,076	9 203,639	4,317	3,854
88	78	19 103	1 755,068	7 071,563	4,029	3,566
89	79	15 827	1 415,177	5 316,495	3,757	3,294
90	80	12 819	1 115,588	3 901,318	3,497	3,034
91	81	10 114	856,569	2 785,730	3,252	2,789
92	82	7 711	635,613	1 929,161	3,035	2,572
93	83	5 681	455,733	1 293,548	2,838	2,376
94	84	4 046	315,907	837,815	2,652	2,189
95	85	2 742	208,349	521,909	2,505	2,042
96	86	1 807	133,612	313,560	2,347	1,884
97	87	1 132	81,439	179,948	2,210	1,747
98	88	673	47,159	98,509	2,089	1,626
99	89	380	25,937	51,350	1,980	1,517
100	90	203	13,498	25,414	1,883	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	73 847,920	2 259 919,345	30,602	30,140
12	1	99 213	71 644,852	2 186 071,425	30,513	30,050
13	2	99 182	69 705,776	2 114 426,573	30,334	29,871
14	3	99 161	67 825,606	2 044 720,797	30,147	29,684
15	4	99 137	65 994,487	1 976 895,191	29,955	29,493
16	5	99 113	64 212,718	1 910 900,704	29,759	29,296
17	6	99 080	62 473,347	1 846 687,986	29,560	29,097
18	7	99 044	60 779,483	1 784 214,639	29,356	28,893
19	8	99 002	59 127,190	1 723 435,156	29,148	28,685
20	9	98 954	57 517,121	1 664 307,966	28,936	28,473
21	10	98 903	55 948,882	1 606 790,845	28,719	28,256
22	11	98 853	54 423,890	1 550 841,963	28,496	28,033
23	12	98 801	52 939,457	1 496 418,073	28,267	27,804
24	13	98 748	51 494,852	1 443 478,615	28,032	27,569
25	14	98 692	50 088,124	1 391 983,763	27,791	27,328
26	15	98 634	48 718,999	1 341 895,639	27,544	27,081
27	16	98 575	47 386,689	1 293 176,640	27,290	26,827
28	17	98 509	46 087,591	1 245 789,951	27,031	26,568
29	18	98 444	44 824,436	1 199 702,360	26,764	26,302
30	19	98 367	43 590,897	1 154 877,924	26,494	26,031
31	20	98 292	42 391,605	1 111 287,028	26,215	25,752
32	21	98 206	41 221,003	1 068 895,423	25,931	25,468
33	22	98 121	40 083,024	1 027 674,420	25,639	25,176
34	23	98 034	38 975,797	987 591,396	25,339	24,876
35	24	97 934	37 893,879	948 615,599	25,033	24,571
36	25	97 830	36 840,699	910 721,720	24,721	24,258
37	26	97 725	35 816,202	873 881,021	24,399	23,936
38	27	97 615	34 818,181	838 064,819	24,070	23,607
39	28	97 491	33 843,350	803 246,638	23,734	23,271
40	29	97 360	32 893,414	769 403,288	23,391	22,928
41	30	97 213	31 964,550	736 509,874	23,041	22,579
42	31	97 055	31 058,621	704 545,324	22,684	22,222
43	32	96 880	30 172,695	673 486,702	22,321	21,858
44	33	96 687	29 306,889	643 314,007	21,951	21,488
45	34	96 480	28 461,169	614 007,118	21,574	21,111
46	35	96 245	27 631,998	585 545,949	21,191	20,728
47	36	95 996	26 822,901	557 913,951	20,800	20,337
48	37	95 712	26 027,914	531 091,051	20,405	19,942
49	38	95 402	25 249,135	505 063,137	20,003	19,540
50	39	95 046	24 481,691	479 814,002	19,599	19,136
51	40	94 655	23 728,505	455 332,311	19,189	18,726
52	41	94 226	22 988,659	431 603,806	18,775	18,312
53	42	93 737	22 257,389	408 615,147	18,359	17,896
54	43	93 192	21 535,795	386 357,758	17,940	17,477
55	44	92 589	20 823,823	364 821,963	17,519	17,057
56	45	91 926	20 121,345	343 998,139	17,096	16,633
57	46	91 197	19 427,432	323 876,795	16,671	16,208
58	47	90 394	18 741,081	304 449,362	16,245	15,782
59	48	89 503	18 059,618	285 708,282	15,820	15,357
60	49	88 533	17 385,828	267 648,664	15,395	14,932
61	50	87 485	16 720,271	250 262,836	14,968	14,505
62	51	86 353	16 062,246	233 542,565	14,540	14,077
63	52	85 118	15 408,677	217 480,318	14,114	13,651
64	53	83 799	14 763,969	202 071,641	13,687	13,224
65	54	82 377	14 124,973	187 307,672	13,261	12,798
66	55	80 867	13 494,947	173 182,699	12,833	12,370
67	56	79 282	12 876,281	159 687,753	12,402	11,939
68	57	77 577	12 262,132	146 811,471	11,973	11,510
69	58	75 822	11 663,994	134 549,339	11,535	11,073
70	59	73 930	11 068,540	122 885,345	11,102	10,639
71	60	71 924	10 480,091	111 816,806	10,669	10,207
72	61	69 792	9 897,177	101 336,715	10,239	9,776
73	62	67 586	9 327,932	91 439,537	9,803	9,340
74	63	65 275	8 767,794	82 111,605	9,365	8,902
75	64	62 840	8 214,846	73 343,812	8,928	8,465
76	65	60 259	7 666,617	65 128,965	8,495	8,032
77	66	57 526	7 123,032	57 462,348	8,067	7,604
78	67	54 671	6 588,336	50 339,316	7,641	7,178
79	68	51 638	6 056,213	43 750,980	7,224	6,761
80	69	48 438	5 528,935	37 694,766	6,818	6,355
81	70	45 091	5 009,119	32 165,831	6,421	5,959
82	71	41 578	4 495,258	27 156,712	6,041	5,578
83	72	37 954	3 993,624	22 661,454	5,674	5,212
84	73	34 235	3 505,878	18 667,831	5,325	4,862
85	74	30 492	3 039,008	15 161,952	4,989	4,526
86	75	26 748	2 594,520	12 122,944	4,673	4,210
87	76	23 089	2 179,649	9 528,424	4,372	3,909
88	77	19 582	1 799,059	7 348,775	4,085	3,622
89	78	16 284	1 456,094	5 549,717	3,811	3,349
90	79	13 256	1 153,567	4 093,623	3,549	3,086
91	80	10 518	890,782	2 940,056	3,301	2,838
92	81	8 067	664,911	2 049,274	3,082	2,619
93	82	5 982	479,891	1 384,363	2,885	2,422
94	83	4 296	335,387	904,472	2,697	2,234
95	84	2 940	223,363	569,086	2,548	2,085
96	85	1 958	144,793	345,722	2,388	1,925
97	86	1 242	89,386	200,929	2,248	1,785
98	87	749	52,468	111,543	2,126	1,663
99	88	430	29,301	59,075	2,016	1,553
100	89	234	15,531	29,774	1,917	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	71 865,036	2 188 332,434	30,451	29,988
13	1	99 205	69 721,886	2 116 467,397	30,356	29,893
14	2	99 172	67 833,684	2 046 745,511	30,173	29,710
15	3	99 149	66 002,350	1 978 911,827	29,982	29,520
16	4	99 122	64 218,557	1 912 909,477	29,787	29,325
17	5	99 087	62 478,033	1 848 690,920	29,589	29,127
18	6	99 051	60 783,484	1 786 212,887	29,386	28,924
19	7	99 006	59 130,105	1 725 429,403	29,180	28,717
20	8	98 960	57 520,682	1 666 299,298	28,969	28,506
21	9	98 909	55 952,502	1 608 778,616	28,753	28,290
22	10	98 859	54 427,115	1 552 826,114	28,530	28,068
23	11	98 808	52 943,401	1 498 398,998	28,302	27,839
24	12	98 756	51 498,927	1 445 455,598	28,068	27,605
25	13	98 700	50 092,418	1 393 956,671	27,828	27,365
26	14	98 644	48 724,112	1 343 864,253	27,581	27,118
27	15	98 587	47 392,618	1 295 140,141	27,328	26,865
28	16	98 523	46 094,095	1 247 747,524	27,070	26,607
29	17	98 458	44 831,000	1 201 653,428	26,804	26,341
30	18	98 387	43 599,775	1 156 822,429	26,533	26,070
31	19	98 311	42 399,789	1 113 222,653	26,255	25,793
32	20	98 224	41 228,637	1 070 822,864	25,973	25,510
33	21	98 137	40 089,661	1 029 594,227	25,682	25,219
34	22	98 051	38 982,543	989 504,565	25,383	24,920
35	23	97 955	37 902,103	950 522,023	25,078	24,616
36	24	97 847	36 846,947	912 619,920	24,768	24,305
37	25	97 744	35 822,882	875 772,973	24,447	23,984
38	26	97 634	34 824,957	839 950,091	24,119	23,656
39	27	97 512	33 850,744	805 125,134	23,785	23,322
40	28	97 385	32 901,619	771 274,390	23,442	22,979
41	29	97 238	31 972,824	738 372,771	23,094	22,631
42	30	97 084	31 067,847	706 399,947	22,737	22,275
43	31	96 911	30 182,329	675 332,100	22,375	21,912
44	32	96 721	29 317,064	645 149,771	22,006	21,543
45	33	96 514	28 471,306	615 832,707	21,630	21,167
46	34	96 282	27 642,809	587 361,401	21,248	20,785
47	35	96 034	26 833,701	559 718,592	20,859	20,396
48	36	95 757	26 040,123	532 884,891	20,464	20,001
49	37	95 446	25 260,761	506 844,769	20,065	19,602
50	38	95 102	24 496,038	481 584,008	19,660	19,197
51	39	94 711	23 742,648	457 087,970	19,252	18,789
52	40	94 290	23 004,272	433 345,322	18,838	18,375
53	41	93 809	22 274,381	410 341,050	18,422	17,959
54	42	93 270	21 553,681	388 066,669	18,005	17,542
55	43	92 673	20 842,580	366 512,988	17,585	17,122
56	44	92 020	20 141,890	345 670,408	17,162	16,699
57	45	91 298	19 449,059	325 528,518	16,737	16,275
58	46	90 509	18 764,907	306 079,459	16,311	15,848
59	47	89 631	18 085,544	287 314,552	15,886	15,424
60	48	88 675	17 413,682	269 229,008	15,461	14,998
61	49	87 644	16 750,614	251 815,325	15,033	14,570
62	50	86 524	16 093,962	235 064,711	14,606	14,143
63	51	85 306	15 442,787	218 970,749	14,179	13,717
64	52	84 006	14 800,308	203 527,962	13,752	13,289
65	53	82 603	14 163,684	188 727,654	13,325	12,862
66	54	81 111	13 535,684	174 563,970	12,897	12,434
67	55	79 545	12 919,087	161 028,286	12,464	12,002
68	56	77 858	12 306,669	148 109,198	12,035	11,572
69	57	76 126	11 710,746	135 802,529	11,596	11,134
70	58	74 257	11 117,574	124 091,783	11,162	10,699
71	59	72 273	10 530,955	112 974,209	10,728	10,265
72	60	70 170	9 950,822	102 443,253	10,295	9,832
73	61	67 967	9 380,417	92 492,431	9,860	9,397
74	62	65 674	8 821,398	83 112,014	9,422	8,959
75	63	63 257	8 269,295	74 290,616	8,984	8,521
76	64	60 701	7 722,897	66 021,321	8,549	8,086
77	65	57 991	7 180,564	58 298,425	8,119	7,656
78	66	55 153	6 646,395	51 117,861	7,691	7,228
79	67	52 143	6 115,500	44 471,465	7,272	6,809
80	68	48 938	5 585,995	38 355,966	6,866	6,404
81	69	45 600	5 065,714	32 769,971	6,469	6,006
82	70	42 091	4 550,701	27 704,257	6,088	5,625
83	71	38 469	4 047,825	23 153,556	5,720	5,257
84	72	34 736	3 557,134	19 105,730	5,371	4,908
85	73	30 972	3 086,801	15 548,596	5,037	4,574
86	74	27 214	2 639,680	12 461,795	4,721	4,258
87	75	23 538	2 222,017	9 822,115	4,420	3,958
88	76	20 018	1 839,201	7 600,098	4,132	3,669
89	77	16 693	1 492,590	5 760,896	3,860	3,397
90	78	13 639	1 186,920	4 268,306	3,596	3,133
91	79	10 876	921,108	3 081,386	3,345	2,882
92	80	8 389	691,468	2 160,278	3,124	2,661
93	81	6 258	502,011	1 468,810	2,926	2,463
94	82	4 523	353,165	966,799	2,738	2,275
95	83	3 121	237,137	613,633	2,588	2,125
96	84	2 099	155,228	376,497	2,425	1,963
97	85	1 346	96,866	221,269	2,284	1,821
98	86	822	57,588	124,403	2,160	1,697
99	87	478	32,600	66,815	2,050	1,587
100	88	264	17,546	34,215	1,950	1,487

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	69 936,161	2 118 552,840	30,293	29,830
14	1	99 195	67 849,361	2 048 616,680	30,194	29,731
15	2	99 160	66 010,210	1 980 767,319	30,007	29,544
16	3	99 134	64 226,209	1 914 757,108	29,813	29,350
17	4	99 096	62 483,715	1 850 530,899	29,616	29,153
18	5	99 058	60 788,043	1 788 047,185	29,414	28,952
19	6	99 013	59 133,998	1 727 259,142	29,209	28,746
20	7	98 965	57 523,518	1 668 125,144	28,999	28,536
21	8	98 916	55 955,966	1 610 601,626	28,783	28,321
22	9	98 865	54 430,637	1 554 645,660	28,562	28,099
23	10	98 814	52 946,538	1 500 215,023	28,335	27,872
24	11	98 763	51 502,763	1 447 268,484	28,101	27,638
25	12	98 708	50 096,381	1 395 765,722	27,862	27,399
26	13	98 653	48 728,289	1 345 669,340	27,616	27,153
27	14	98 597	47 397,591	1 296 941,052	27,363	26,900
28	15	98 535	46 099,862	1 249 543,460	27,105	26,642
29	16	98 472	44 837,326	1 203 443,598	26,840	26,377
30	17	98 402	43 606,160	1 158 606,271	26,570	26,107
31	18	98 331	42 408,425	1 115 000,111	26,292	25,829
32	19	98 243	41 236,597	1 072 591,686	26,011	25,548
33	20	98 155	40 097,086	1 031 355,089	25,721	25,259
34	21	98 067	38 988,997	991 258,003	25,424	24,961
35	22	97 972	37 908,663	952 269,006	25,120	24,657
36	23	97 868	36 854,944	914 360,343	24,810	24,347
37	24	97 760	35 828,957	877 505,399	24,492	24,029
38	25	97 652	34 831,452	841 676,441	24,164	23,701
39	26	97 531	33 857,332	806 844,989	23,831	23,368
40	27	97 406	32 908,808	772 987,658	23,489	23,026
41	28	97 262	31 980,800	740 078,850	23,141	22,679
42	29	97 109	31 075,888	708 098,050	22,786	22,323
43	30	96 939	30 191,294	677 022,162	22,424	21,962
44	31	96 752	29 326,425	646 830,868	22,056	21,593
45	32	96 547	28 481,190	617 504,443	21,681	21,218
46	33	96 317	27 652,655	589 023,253	21,301	20,838
47	34	96 072	26 844,200	561 370,598	20,912	20,449
48	35	95 796	26 050,608	534 526,398	20,519	20,056
49	36	95 490	25 272,610	508 475,791	20,120	19,657
50	37	95 145	24 507,317	483 203,181	19,717	19,254
51	38	94 767	23 756,562	458 695,865	19,308	18,845
52	39	94 346	23 017,984	434 939,303	18,896	18,433
53	40	93 872	22 289,509	411 921,319	18,481	18,018
54	41	93 341	21 570,136	389 631,810	18,063	17,601
55	42	92 750	20 859,890	368 061,674	17,644	17,182
56	43	92 103	20 160,033	347 201,784	17,222	16,759
57	44	91 392	19 468,918	327 041,752	16,798	16,335
58	45	90 610	18 785,796	307 572,834	16,373	15,910
59	46	89 745	18 108,537	288 787,038	15,948	15,485
60	47	88 802	17 438,682	270 678,501	15,522	15,059
61	48	87 784	16 777,451	253 239,819	15,094	14,631
62	49	86 681	16 123,168	236 462,368	14,666	14,203
63	50	85 475	15 473,280	220 339,200	14,240	13,777
64	51	84 191	14 833,071	204 865,920	13,811	13,349
65	52	82 806	14 198,546	190 032,849	13,384	12,921
66	53	81 334	13 572,780	175 834,303	12,955	12,492
67	54	79 785	12 958,086	162 261,523	12,522	12,059
68	55	78 117	12 347,581	149 303,436	12,092	11,629
69	56	76 402	11 753,280	136 955,855	11,653	11,190
70	57	74 555	11 162,137	125 202,575	11,217	10,754
71	58	72 593	10 577,609	114 040,438	10,781	10,318
72	59	70 510	9 999,118	103 462,830	10,347	9,884
73	60	68 335	9 431,261	93 463,711	9,910	9,447
74	61	66 043	8 871,032	84 032,450	9,473	9,010
75	62	63 643	8 319,851	75 161,418	9,034	8,571
76	63	61 104	7 774,084	66 841,567	8,598	8,135
77	64	58 417	7 233,275	59 067,482	8,166	7,703
78	65	55 598	6 700,078	51 834,207	7,736	7,274
79	66	52 603	6 169,392	45 134,129	7,316	6,853
80	67	49 417	5 640,678	38 964,738	6,908	6,445
81	68	46 071	5 117,993	33 324,060	6,511	6,048
82	69	42 566	4 602,117	28 206,066	6,129	5,666
83	70	38 944	4 097,750	23 603,949	5,760	5,297
84	71	35 207	3 605,412	19 506,199	5,410	4,947
85	72	31 424	3 131,930	15 900,787	5,077	4,614
86	73	27 642	2 681,193	12 768,857	4,762	4,300
87	74	23 948	2 260,694	10 087,665	4,462	3,999
88	75	20 408	1 874,952	7 826,970	4,174	3,712
89	76	17 065	1 525,895	5 952,019	3,901	3,438
90	77	13 981	1 216,670	4 426,124	3,638	3,175
91	78	11 190	947,740	3 209,454	3,386	2,924
92	79	8 674	715,009	2 261,715	3,163	2,700
93	80	6 508	522,063	1 546,706	2,963	2,500
94	81	4 732	369,444	1 024,643	2,773	2,311
95	82	3 286	249,707	655,199	2,624	2,161
96	83	2 228	164,800	405,492	2,461	1,998
97	84	1 443	103,846	240,692	2,318	1,855
98	85	891	62,407	136,846	2,193	1,730
99	86	525	35,781	74,438	2,080	1,618
100	87	294	19,521	38,657	1,980	1,517

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	68 057,881	2 050 540,865	30,129	29,667
15	1	99 183	66 025,466	1 982 482,984	30,026	29,563
16	2	99 146	64 233,858	1 916 457,518	29,836	29,373
17	3	99 108	62 491,160	1 852 223,660	29,640	29,177
18	4	99 067	60 793,571	1 789 732,500	29,440	28,977
19	5	99 020	59 138,433	1 728 938,930	29,235	28,773
20	6	98 972	57 527,305	1 669 800,497	29,026	28,563
21	7	98 920	55 958,725	1 612 273,192	28,812	28,349
22	8	98 871	54 434,008	1 556 314,467	28,591	28,128
23	9	98 821	52 949,964	1 501 880,460	28,364	27,901
24	10	98 769	51 505,815	1 448 930,495	28,131	27,669
25	11	98 715	50 100,113	1 397 424,681	27,893	27,430
26	12	98 660	48 732,144	1 347 324,568	27,648	27,185
27	13	98 606	47 401,655	1 298 592,424	27,396	26,933
28	14	98 545	46 104,701	1 251 190,769	27,138	26,675
29	15	98 484	44 842,936	1 205 086,068	26,873	26,411
30	16	98 416	43 612,314	1 160 243,132	26,604	26,141
31	17	98 345	42 414,636	1 116 630,818	26,327	25,864
32	18	98 263	41 244,996	1 074 216,183	26,045	25,582
33	19	98 174	40 104,827	1 032 971,186	25,757	25,294
34	20	98 085	38 996,218	992 866,359	25,461	24,998
35	21	97 988	37 914,940	953 870,141	25,158	24,695
36	22	97 885	36 861,323	915 955,201	24,849	24,386
37	23	97 781	35 836,733	879 093,878	24,531	24,068
38	24	97 669	34 837,359	843 257,145	24,206	23,743
39	25	97 550	33 863,646	808 419,786	23,873	23,410
40	26	97 425	32 915,212	774 556,140	23,532	23,069
41	27	97 284	31 987,787	741 640,928	23,185	22,722
42	28	97 133	31 083,641	709 653,141	22,830	22,368
43	29	96 965	30 199,109	678 569,500	22,470	22,007
44	30	96 781	29 335,135	648 370,391	22,102	21,639
45	31	96 578	28 490,284	619 035,256	21,728	21,265
46	32	96 350	27 662,255	590 544,972	21,348	20,886
47	33	96 106	26 853,761	562 882,717	20,961	20,498
48	34	95 833	26 060,800	536 028,956	20,568	20,106
49	35	95 529	25 282,785	509 968,156	20,171	19,708
50	36	95 190	24 518,812	484 685,370	19,768	19,305
51	37	94 811	23 767,500	460 166,558	19,361	18,898
52	38	94 401	23 031,473	436 399,058	18,948	18,485
53	39	93 928	22 302,795	413 367,585	18,534	18,072
54	40	93 404	21 584,785	391 064,791	18,118	17,655
55	41	92 821	20 875,815	369 480,005	17,699	17,236
56	42	92 179	20 176,776	348 604,190	17,277	16,815
57	43	91 474	19 486,454	328 427,414	16,854	16,391
58	44	90 702	18 804,978	308 940,960	16,429	15,966
59	45	89 845	18 128,696	290 135,982	16,004	15,541
60	46	88 915	17 460,852	272 007,287	15,578	15,115
61	47	87 910	16 801,537	254 546,435	15,150	14,687
62	48	86 820	16 149,000	237 744,898	14,722	14,259
63	49	85 630	15 501,360	221 595,898	14,295	13,832
64	50	84 358	14 862,360	206 094,538	13,867	13,404
65	51	82 990	14 229,977	191 232,179	13,439	12,976
66	52	81 534	13 606,188	177 002,202	13,009	12,546
67	53	80 004	12 993,600	163 396,014	12,575	12,112
68	54	78 353	12 384,855	150 402,414	12,144	11,681
69	55	76 656	11 792,353	138 017,559	11,704	11,241
70	56	74 826	11 202,678	126 225,207	11,267	10,805
71	57	72 884	10 620,007	115 022,529	10,831	10,368
72	58	70 823	10 043,415	104 402,522	10,395	9,932
73	59	68 667	9 477,035	94 359,107	9,957	9,494
74	60	66 401	8 919,115	84 882,072	9,517	9,054
75	61	64 001	8 366,664	75 962,956	9,079	8,616
76	62	61 477	7 821,614	67 596,292	8,642	8,179
77	63	58 804	7 281,218	59 774,679	8,209	7,747
78	64	56 007	6 749,262	52 493,461	7,778	7,315
79	65	53 027	6 219,221	45 744,199	7,355	6,892
80	66	49 853	5 690,386	39 524,978	6,946	6,483
81	67	46 522	5 168,095	33 834,592	6,547	6,084
82	68	43 006	4 649,612	28 666,497	6,165	5,703
83	69	39 384	4 144,049	24 016,885	5,796	5,333
84	70	35 641	3 649,880	19 872,837	5,445	4,982
85	71	31 851	3 174,437	16 222,956	5,110	4,648
86	72	28 046	2 720,392	13 048,520	4,797	4,334
87	73	24 324	2 296,247	10 328,128	4,498	4,035
88	74	20 763	1 907,588	8 031,882	4,210	3,748
89	75	17 397	1 555,555	6 124,294	3,937	3,474
90	76	14 293	1 243,817	4 568,739	3,673	3,210
91	77	11 471	971,495	3 324,922	3,422	2,960
92	78	8 925	735,682	2 353,427	3,199	2,736
93	79	6 729	539,836	1 617,745	2,997	2,534
94	80	4 921	384,200	1 077,910	2,806	2,343
95	81	3 438	261,217	693,709	2,656	2,193
96	82	2 347	173,536	432,492	2,492	2,029
97	83	1 532	110,250	258,956	2,349	1,886
98	84	955	66,905	148,706	2,223	1,760
99	85	569	38,775	81,802	2,110	1,647
100	86	323	21,426	43,026	2,008	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	66 228,381	1 984 259,042	29,961	29,498
16	1	99 168	64 248,703	1 918 030,661	29,853	29,390
17	2	99 120	62 498,602	1 853 781,958	29,661	29,198
18	3	99 079	60 800,814	1 791 283,356	29,462	28,999
19	4	99 029	59 143,811	1 730 482,542	29,259	28,796
20	5	98 979	57 531,619	1 671 338,731	29,051	28,588
21	6	98 927	55 962,409	1 613 807,112	28,837	28,375
22	7	98 876	54 436,691	1 557 844,703	28,618	28,155
23	8	98 827	52 953,243	1 503 408,012	28,391	27,928
24	9	98 775	51 509,148	1 450 454,769	28,159	27,696
25	10	98 721	50 103,082	1 398 945,622	27,921	27,459
26	11	98 668	48 735,774	1 348 842,540	27,677	27,214
27	12	98 614	47 405,405	1 300 106,766	27,425	26,962
28	13	98 554	46 108,653	1 252 701,361	27,168	26,706
29	14	98 495	44 847,642	1 206 592,708	26,904	26,441
30	15	98 428	43 617,771	1 161 745,065	26,635	26,172
31	16	98 359	42 420,621	1 118 127,295	26,358	25,895
32	17	98 277	41 251,036	1 075 706,674	26,077	25,614
33	18	98 194	40 112,996	1 034 455,637	25,789	25,326
34	19	98 104	39 003,747	994 342,642	25,494	25,031
35	20	98 006	37 921,962	955 338,895	25,192	24,729
36	21	97 901	36 867,427	917 416,933	24,884	24,421
37	22	97 798	35 842,936	880 549,506	24,567	24,104
38	23	97 690	34 844,920	844 706,570	24,242	23,779
39	24	97 566	33 869,389	809 861,650	23,911	23,448
40	25	97 443	32 921,351	775 992,261	23,571	23,108
41	26	97 302	31 994,012	743 070,911	23,225	22,762
42	27	97 155	31 090,432	711 076,899	22,871	22,408
43	28	96 989	30 206,642	679 986,467	22,511	22,048
44	29	96 806	29 342,728	649 779,825	22,144	21,682
45	30	96 607	28 498,746	620 437,096	21,771	21,308
46	31	96 381	27 671,087	591 938,350	21,392	20,929
47	32	96 140	26 863,084	564 267,263	21,005	20,542
48	33	95 867	26 070,083	537 404,179	20,614	20,151
49	34	95 566	25 292,678	511 334,096	20,217	19,754
50	35	95 228	24 528,685	486 041,418	19,815	19,352
51	36	94 855	23 778,649	461 512,734	19,409	18,946
52	37	94 445	23 042,077	437 734,085	18,997	18,534
53	38	93 983	22 315,864	414 692,008	18,583	18,120
54	39	93 460	21 597,651	392 376,144	18,168	17,705
55	40	92 884	20 889,993	370 778,493	17,749	17,286
56	41	92 250	20 192,180	349 888,499	17,328	16,865
57	42	91 550	19 502,638	329 696,320	16,905	16,442
58	43	90 784	18 821,916	310 193,682	16,480	16,018
59	44	89 937	18 147,206	291 371,766	16,056	15,593
60	45	89 014	17 480,289	273 224,559	15,630	15,168
61	46	88 022	16 822,897	255 744,270	15,202	14,739
62	47	86 945	16 172,183	238 921,373	14,774	14,311
63	48	85 767	15 526,195	222 749,189	14,347	13,884
64	49	84 511	14 889,331	207 222,994	13,918	13,455
65	50	83 153	14 258,075	192 333,663	13,489	13,027
66	51	81 714	13 636,307	178 075,589	13,059	12,596
67	52	80 201	13 025,581	164 439,281	12,624	12,162
68	53	78 568	12 418,798	151 413,700	12,192	11,729
69	54	76 888	11 827,950	138 994,902	11,751	11,289
70	55	75 074	11 239,920	127 166,952	11,314	10,851
71	56	73 149	10 658,579	115 927,032	10,876	10,414
72	57	71 107	10 083,672	105 268,453	10,439	9,977
73	58	68 971	9 519,019	95 184,781	9,999	9,537
74	59	66 724	8 962,404	85 665,762	9,558	9,096
75	60	64 348	8 412,013	76 703,358	9,118	8,655
76	61	61 823	7 865,623	68 291,345	8,682	8,219
77	62	59 163	7 325,734	60 425,722	8,248	7,786
78	63	56 378	6 793,996	53 099,988	7,816	7,353
79	64	53 417	6 264,876	46 305,992	7,391	6,929
80	65	50 255	5 736,346	40 041,116	6,980	6,517
81	66	46 932	5 213,638	34 304,770	6,580	6,117
82	67	43 427	4 695,128	29 091,132	6,196	5,733
83	68	39 790	4 186,816	24 396,004	5,827	5,364
84	69	36 044	3 691,118	20 209,188	5,475	5,012
85	70	32 244	3 213,589	16 518,069	5,140	4,677
86	71	28 427	2 757,313	13 304,480	4,825	4,362
87	72	24 680	2 329,818	10 547,167	4,527	4,064
88	73	21 089	1 937,587	8 217,349	4,241	3,778
89	74	17 700	1 582,632	6 279,763	3,968	3,505
90	75	14 571	1 267,995	4 697,131	3,704	3,242
91	76	11 727	993,172	3 429,136	3,453	2,990
92	77	9 149	754,121	2 435,965	3,230	2,767
93	78	6 924	555,444	1 681,843	3,028	2,565
94	79	5 088	397,280	1 126,399	2,835	2,372
95	80	3 575	271,651	729,119	2,684	2,221
96	81	2 455	181,535	457,468	2,520	2,057
97	82	1 613	116,094	275,934	2,377	1,914
98	83	1 014	71,030	159,839	2,250	1,787
99	84	610	41,570	88,809	2,136	1,674
100	85	350	23,219	47,239	2,035	1,572

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	64 446,157	1 919 670,608	29,787	29,324
17	1	99 143	62 513,046	1 855 224,451	29,677	29,215
18	2	99 091	60 808,055	1 792 711,405	29,481	29,019
19	3	99 041	59 150,858	1 731 903,350	29,279	28,817
20	4	98 988	57 536,851	1 672 752,492	29,073	28,610
21	5	98 934	55 966,606	1 615 215,641	28,860	28,398
22	6	98 883	54 440,275	1 559 249,035	28,641	28,179
23	7	98 832	52 955,853	1 504 808,760	28,416	27,953
24	8	98 781	51 512,337	1 451 852,907	28,185	27,722
25	9	98 728	50 106,324	1 400 340,570	27,947	27,485
26	10	98 674	48 738,662	1 350 234,246	27,704	27,241
27	11	98 621	47 408,936	1 301 495,584	27,453	26,990
28	12	98 562	46 112,301	1 254 086,648	27,196	26,734
29	13	98 503	44 851,487	1 207 974,347	26,933	26,470
30	14	98 438	43 622,348	1 163 122,860	26,663	26,201
31	15	98 371	42 425,929	1 119 500,511	26,387	25,924
32	16	98 291	41 256,858	1 077 074,583	26,107	25,644
33	17	98 209	40 118,870	1 035 817,725	25,819	25,356
34	18	98 124	39 011,691	995 698,855	25,523	25,060
35	19	98 025	37 929,283	956 687,164	25,223	24,760
36	20	97 919	36 874,255	918 757,881	24,916	24,453
37	21	97 814	35 848,871	881 883,626	24,600	24,137
38	22	97 707	34 850,951	846 034,755	24,276	23,813
39	23	97 587	33 876,740	811 183,804	23,945	23,482
40	24	97 460	32 926,934	777 307,064	23,607	23,144
41	25	97 321	31 999,979	744 380,131	23,262	22,799
42	26	97 174	31 096,482	712 380,152	22,909	22,446
43	27	97 010	30 213,242	681 283,670	22,549	22,086
44	28	96 830	29 350,048	651 070,428	22,183	21,720
45	29	96 632	28 506,123	621 720,380	21,810	21,347
46	30	96 409	27 679,306	593 214,257	21,432	20,969
47	31	96 170	26 871,661	565 534,950	21,046	20,583
48	32	95 901	26 079,133	538 663,289	20,655	20,192
49	33	95 600	25 301,686	512 584,156	20,259	19,796
50	34	95 266	24 538,282	487 282,470	19,858	19,395
51	35	94 893	23 788,223	462 744,188	19,453	18,990
52	36	94 489	23 052,885	438 955,965	19,041	18,578
53	37	94 027	22 326,139	415 903,079	18,629	18,166
54	38	93 515	21 610,307	393 576,940	18,212	17,750
55	39	92 939	20 902,445	371 966,633	17,795	17,333
56	40	92 313	20 205,893	351 064,188	17,374	16,912
57	41	91 620	19 517,527	330 858,294	16,952	16,489
58	42	90 860	18 837,548	311 340,767	16,528	16,065
59	43	90 018	18 163,552	292 503,220	16,104	15,641
60	44	89 105	17 498,138	274 339,667	15,678	15,215
61	45	88 120	16 841,625	256 841,529	15,250	14,788
62	46	87 055	16 192,744	239 999,904	14,821	14,359
63	47	85 890	15 548,484	223 807,161	14,394	13,931
64	48	84 646	14 913,186	208 258,676	13,965	13,502
65	49	83 304	14 283,949	193 345,491	13,536	13,073
66	50	81 876	13 663,233	179 061,541	13,105	12,643
67	51	80 379	13 054,416	165 398,308	12,670	12,207
68	52	78 761	12 449,364	152 343,893	12,237	11,774
69	53	77 098	11 860,366	139 894,528	11,795	11,332
70	54	75 301	11 273,850	128 034,162	11,357	10,894
71	55	73 392	10 694,012	116 760,311	10,918	10,455
72	56	71 365	10 120,296	106 066,299	10,481	10,018
73	57	69 247	9 557,174	95 946,003	10,039	9,576
74	58	67 019	9 002,108	86 388,829	9,597	9,134
75	59	64 661	8 452,840	77 386,720	9,155	8,692
76	60	62 158	7 908,256	68 933,880	8,717	8,254
77	61	59 496	7 366,953	61 025,624	8,284	7,821
78	62	56 722	6 835,533	53 658,671	7,850	7,387
79	63	53 771	6 306,399	46 823,138	7,425	6,962
80	64	50 624	5 778,456	40 516,738	7,012	6,549
81	65	47 311	5 255,748	34 738,282	6,610	6,147
82	66	43 809	4 736,503	29 482,534	6,225	5,762
83	67	40 180	4 227,802	24 746,031	5,853	5,390
84	68	36 416	3 729,211	20 518,229	5,502	5,039
85	69	32 608	3 249,898	16 789,017	5,166	4,703
86	70	28 777	2 791,321	13 539,119	4,850	4,388
87	71	25 015	2 361,438	10 747,798	4,551	4,089
88	72	21 398	1 965,914	8 386,360	4,266	3,803
89	73	17 978	1 607,520	6 420,446	3,994	3,531
90	74	14 824	1 290,066	4 812,925	3,731	3,268
91	75	11 955	1 012,477	3 522,860	3,479	3,017
92	76	9 353	770,948	2 510,383	3,256	2,793
93	77	7 097	569,366	1 739,434	3,055	2,592
94	78	5 236	408,767	1 170,069	2,862	2,400
95	79	3 697	280,899	761,302	2,710	2,247
96	80	2 553	188,786	480,403	2,545	2,082
97	81	1 687	121,446	291,617	2,401	1,938
98	82	1 068	74,795	170,172	2,275	1,812
99	83	647	44,133	95,376	2,161	1,698
100	84	375	24,892	51,243	2,059	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	62 705,166	1 856 739,249	29,611	29,148
18	1	99 114	60 822,109	1 794 034,084	29,496	29,034
19	2	99 053	59 157,902	1 733 211,975	29,298	28,835
20	3	99 000	57 543,707	1 674 054,073	29,092	28,629
21	4	98 943	55 971,695	1 616 510,366	28,881	28,418
22	5	98 890	54 444,358	1 560 538,670	28,663	28,200
23	6	98 838	52 959,339	1 506 094,313	28,439	27,976
24	7	98 786	51 514,876	1 453 134,973	28,208	27,745
25	8	98 734	50 109,426	1 401 620,097	27,971	27,508
26	9	98 680	48 741,816	1 351 510,671	27,728	27,265
27	10	98 627	47 411,746	1 302 768,855	27,478	27,015
28	11	98 569	46 115,736	1 255 357,109	27,222	26,759
29	12	98 511	44 855,036	1 209 241,373	26,959	26,496
30	13	98 447	43 626,088	1 164 386,337	26,690	26,227
31	14	98 382	42 430,381	1 120 760,249	26,414	25,951
32	15	98 304	41 262,020	1 078 329,868	26,134	25,671
33	16	98 222	40 124,531	1 037 067,848	25,846	25,383
34	17	98 139	39 017,404	996 943,317	25,551	25,088
35	18	98 045	37 937,009	957 925,913	25,250	24,788
36	19	97 938	36 881,374	919 988,904	24,945	24,482
37	20	97 833	35 855,510	883 107,531	24,630	24,167
38	21	97 723	34 856,722	847 252,020	24,307	23,844
39	22	97 604	33 882,603	812 395,299	23,977	23,514
40	23	97 481	32 934,080	778 512,695	23,639	23,176
41	24	97 337	32 005,406	745 578,615	23,295	22,833
42	25	97 192	31 102,281	713 573,210	22,943	22,480
43	26	97 029	30 219,122	682 470,928	22,584	22,121
44	27	96 851	29 356,461	652 251,806	22,218	21,756
45	28	96 656	28 513,234	622 895,346	21,846	21,383
46	29	96 434	27 686,471	594 382,112	21,468	21,006
47	30	96 199	26 879,643	566 695,641	21,083	20,620
48	31	95 931	26 087,460	539 815,998	20,693	20,230
49	32	95 633	25 310,470	513 728,538	20,297	19,834
50	33	95 299	24 547,022	488 418,068	19,897	19,434
51	34	94 930	23 797,531	463 871,046	19,492	19,030
52	35	94 527	23 062,167	440 073,515	19,082	18,619
53	36	94 071	22 336,612	417 011,348	18,669	18,207
54	37	93 558	21 620,257	394 674,736	18,255	17,792
55	38	92 993	20 914,694	373 054,478	17,837	17,374
56	39	92 368	20 217,937	352 139,785	17,417	16,954
57	40	91 682	19 530,782	331 921,847	16,995	16,532
58	41	90 929	18 851,929	312 391,065	16,571	16,108
59	42	90 093	18 178,637	293 539,136	16,147	15,685
60	43	89 185	17 513,900	275 360,499	15,722	15,260
61	44	88 210	16 858,821	257 846,599	15,294	14,832
62	45	87 152	16 210,769	240 987,778	14,866	14,403
63	46	85 999	15 568,252	224 777,008	14,438	13,975
64	47	84 768	14 934,595	209 208,757	14,008	13,546
65	48	83 438	14 306,834	194 274,161	13,579	13,116
66	49	82 024	13 688,028	179 967,327	13,148	12,685
67	50	80 537	13 080,193	166 279,299	12,712	12,249
68	51	78 935	12 476,923	153 199,107	12,279	11,816
69	52	77 288	11 889,559	140 722,183	11,836	11,373
70	53	75 507	11 304,748	128 832,624	11,396	10,934
71	54	73 614	10 726,294	117 527,877	10,957	10,494
72	55	71 602	10 153,940	106 801,582	10,518	10,055
73	56	69 499	9 591,886	96 647,642	10,076	9,613
74	57	67 288	9 038,191	87 055,756	9,632	9,169
75	58	64 947	8 490,287	78 017,565	9,189	8,726
76	59	62 460	7 946,638	69 527,277	8,749	8,286
77	60	59 819	7 406,883	61 580,639	8,314	7,851
78	61	57 042	6 873,994	54 173,756	7,881	7,418
79	62	54 099	6 344,955	47 299,762	7,455	6,992
80	63	50 960	5 816,756	40 954,806	7,041	6,578
81	64	47 658	5 294,330	35 138,050	6,637	6,174
82	65	44 163	4 774,760	29 843,720	6,250	5,787
83	66	40 534	4 265,059	25 068,961	5,878	5,415
84	67	36 772	3 765,718	20 803,901	5,525	5,062
85	68	32 945	3 283,437	17 038,184	5,189	4,726
86	69	29 102	2 822,859	13 754,746	4,873	4,410
87	70	25 323	2 390,564	10 931,888	4,573	4,110
88	71	21 688	1 992,596	8 541,324	4,287	3,824
89	72	18 241	1 631,022	6 548,728	4,015	3,552
90	73	15 058	1 310,354	4 917,706	3,753	3,290
91	74	12 163	1 030,101	3 607,352	3,502	3,039
92	75	9 535	785,934	2 577,252	3,279	2,816
93	76	7 256	582,070	1 791,318	3,077	2,615
94	77	5 367	419,012	1 209,247	2,886	2,423
95	78	3 804	289,020	790,235	2,734	2,271
96	79	2 640	195,213	501,215	2,568	2,105
97	80	1 755	126,296	306,002	2,423	1,960
98	81	1 117	78,243	179,706	2,297	1,834
99	82	682	46,473	101,463	2,183	1,720
100	83	398	26,427	54,990	2,081	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	61 009,032	1 795 433,753	29,429	28,966
19	1	99 076	59 171,574	1 734 424,721	29,312	28,849
20	2	99 012	57 550,560	1 675 253,147	29,109	28,646
21	3	98 955	55 978,365	1 617 702,587	28,899	28,436
22	4	98 899	54 449,309	1 561 724,222	28,682	28,219
23	5	98 846	52 963,311	1 507 274,913	28,459	27,996
24	6	98 793	51 518,267	1 454 311,602	28,229	27,766
25	7	98 739	50 111,897	1 402 793,334	27,993	27,530
26	8	98 686	48 744,834	1 352 681,438	27,750	27,287
27	9	98 633	47 414,814	1 303 936,604	27,501	27,038
28	10	98 575	46 118,469	1 256 521,790	27,246	26,783
29	11	98 518	44 858,377	1 210 403,321	26,983	26,520
30	12	98 454	43 629,540	1 165 544,944	26,715	26,252
31	13	98 390	42 434,019	1 121 915,405	26,439	25,976
32	14	98 314	41 266,350	1 079 481,386	26,159	25,696
33	15	98 235	40 129,552	1 038 215,036	25,872	25,409
34	16	98 153	39 022,910	998 085,484	25,577	25,114
35	17	98 060	37 942,564	959 062,574	25,277	24,814
36	18	97 958	36 888,886	921 120,010	24,970	24,507
37	19	97 851	35 862,433	884 231,124	24,656	24,193
38	20	97 741	34 863,177	848 368,692	24,334	23,871
39	21	97 620	33 888,214	813 505,515	24,006	23,543
40	22	97 498	32 939,780	779 617,301	23,668	23,205
41	23	97 358	32 012,352	746 677,521	23,325	22,862
42	24	97 208	31 107,556	714 665,169	22,974	22,511
43	25	97 047	30 224,757	683 557,612	22,616	22,153
44	26	96 870	29 362,174	653 332,855	22,251	21,788
45	27	96 677	28 519,464	623 970,681	21,879	21,416
46	28	96 458	27 693,377	595 451,218	21,502	21,039
47	29	96 224	26 886,600	567 757,840	21,117	20,654
48	30	95 960	26 095,209	540 871,240	20,727	20,264
49	31	95 664	25 318,552	514 776,031	20,332	19,869
50	32	95 333	24 555,544	489 457,479	19,933	19,470
51	33	94 964	23 806,007	464 901,935	19,529	19,066
52	34	94 564	23 071,191	441 095,929	19,119	18,656
53	35	94 109	22 345,606	418 024,738	18,707	18,244
54	36	93 602	21 630,399	395 679,132	18,293	17,830
55	37	93 036	20 924,324	374 048,733	17,876	17,413
56	38	92 422	20 229,785	353 124,410	17,456	16,993
57	39	91 737	19 542,424	332 894,625	17,034	16,572
58	40	90 991	18 864,733	313 352,201	16,610	16,148
59	41	90 161	18 192,516	294 487,468	16,187	15,724
60	42	89 259	17 528,445	276 294,953	15,763	15,300
61	43	88 290	16 874,007	258 766,508	15,335	14,872
62	44	87 241	16 227,322	241 892,501	14,906	14,444
63	45	86 095	15 585,582	225 665,179	14,479	14,016
64	46	84 876	14 953,582	210 079,597	14,049	13,586
65	47	83 558	14 327,373	195 126,015	13,619	13,156
66	48	82 156	13 709,958	180 798,641	13,187	12,725
67	49	80 683	13 103,930	167 088,683	12,751	12,288
68	50	79 091	12 501,560	153 984,754	12,317	11,854
69	51	77 459	11 915,878	141 483,194	11,874	11,411
70	52	75 693	11 332,573	129 567,316	11,433	10,970
71	53	73 816	10 755,691	118 234,743	10,993	10,530
72	54	71 818	10 184,592	107 479,052	10,553	10,090
73	55	69 730	9 623,773	97 294,459	10,110	9,647
74	56	67 532	9 071,018	87 670,686	9,665	9,202
75	57	65 207	8 524,319	78 599,668	9,221	8,758
76	58	62 737	7 981,843	70 075,349	8,779	8,317
77	59	60 109	7 442,832	62 093,506	8,343	7,880
78	60	57 351	6 911,253	54 650,674	7,907	7,445
79	61	54 404	6 380,656	47 739,421	7,482	7,019
80	62	51 271	5 852,318	41 358,765	7,067	6,604
81	63	47 974	5 329,421	35 506,447	6,662	6,200
82	64	44 488	4 809,810	30 177,026	6,274	5,811
83	65	40 861	4 299,507	25 367,216	5,900	5,437
84	66	37 096	3 798,903	21 067,708	5,546	5,083
85	67	33 267	3 315,580	17 268,805	5,208	4,746
86	68	29 403	2 851,991	13 953,225	4,892	4,430
87	69	25 609	2 417,573	11 101,234	4,592	4,129
88	70	21 956	2 017,172	8 683,661	4,305	3,842
89	71	18 488	1 653,159	6 666,489	4,033	3,570
90	72	15 278	1 329,511	5 013,330	3,771	3,308
91	73	12 354	1 046,300	3 683,819	3,521	3,058
92	74	9 701	799,614	2 637,519	3,298	2,836
93	75	7 397	593,385	1 837,905	3,097	2,635
94	76	5 487	428,362	1 244,520	2,905	2,442
95	77	3 899	296,265	816,159	2,755	2,292
96	78	2 716	200,857	519,894	2,588	2,126
97	79	1 815	130,596	319,037	2,443	1,980
98	80	1 162	81,368	188,441	2,316	1,853
99	81	713	48,615	107,073	2,202	1,740
100	82	419	27,828	58,458	2,101	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	59 353,425	1 735 718,397	29,244	28,781
20	1	99 035	57 563,860	1 676 364,972	29,122	28,659
21	2	98 967	55 985,031	1 618 801,112	28,915	28,452
22	3	98 911	54 455,797	1 562 816,081	28,699	28,236
23	4	98 855	52 968,128	1 508 360,284	28,477	28,014
24	5	98 800	51 522,131	1 455 392,156	28,248	27,785
25	6	98 745	50 115,196	1 403 870,025	28,013	27,550
26	7	98 691	48 747,237	1 353 754,829	27,771	27,308
27	8	98 639	47 417,749	1 305 007,592	27,522	27,059
28	9	98 581	46 121,453	1 257 589,843	27,267	26,804
29	10	98 524	44 861,035	1 211 468,390	27,005	26,542
30	11	98 462	43 632,789	1 166 607,355	26,737	26,274
31	12	98 398	42 437,376	1 122 974,565	26,462	25,999
32	13	98 322	41 269,888	1 080 537,189	26,182	25,719
33	14	98 245	40 133,763	1 039 267,301	25,895	25,432
34	15	98 165	39 027,793	999 133,538	25,601	25,138
35	16	98 074	37 947,919	960 105,745	25,301	24,838
36	17	97 973	36 894,288	922 157,827	24,995	24,532
37	18	97 871	35 869,737	885 263,539	24,680	24,217
38	19	97 760	34 869,908	849 393,802	24,359	23,896
39	20	97 638	33 894,490	814 523,894	24,031	23,568
40	21	97 514	32 945,235	780 629,404	23,695	23,232
41	22	97 375	32 017,893	747 684,170	23,352	22,889
42	23	97 229	31 114,308	715 666,277	23,001	22,538
43	24	97 063	30 229,883	684 551,969	22,645	22,182
44	25	96 888	29 367,650	654 322,086	22,280	21,818
45	26	96 696	28 525,014	624 954,436	21,909	21,446
46	27	96 479	27 699,428	596 429,422	21,532	21,069
47	28	96 248	26 893,307	568 729,995	21,148	20,685
48	29	95 984	26 101,963	541 836,687	20,758	20,296
49	30	95 692	25 326,072	515 734,724	20,364	19,901
50	31	95 363	24 563,384	490 408,652	19,965	19,502
51	32	94 997	23 814,271	465 845,268	19,562	19,099
52	33	94 598	23 079,408	442 030,996	19,153	18,690
53	34	94 145	22 354,349	418 951,588	18,741	18,279
54	35	93 639	21 639,108	396 597,239	18,328	17,865
55	36	93 080	20 934,139	374 958,131	17,911	17,449
56	37	92 464	20 239,099	354 023,992	17,492	17,029
57	38	91 790	19 553,876	333 784,893	17,070	16,607
58	39	91 045	18 875,977	314 231,017	16,647	16,184
59	40	90 223	18 204,871	295 355,040	16,224	15,761
60	41	89 327	17 541,827	277 150,169	15,799	15,337
61	42	88 363	16 888,021	259 608,342	15,372	14,910
62	43	87 320	16 241,939	242 720,321	14,944	14,481
63	44	86 183	15 601,496	226 478,383	14,516	14,054
64	45	84 970	14 970,228	210 876,886	14,086	13,624
65	46	83 664	14 345,588	195 906,658	13,656	13,193
66	47	82 274	13 729,640	181 561,070	13,224	12,761
67	48	80 813	13 124,924	167 831,429	12,787	12,324
68	49	79 235	12 524,247	154 706,506	12,353	11,890
69	50	77 612	11 939,407	142 182,259	11,909	11,446
70	51	75 861	11 357,659	130 242,852	11,467	11,005
71	52	73 997	10 782,165	118 885,193	11,026	10,563
72	53	72 015	10 212,504	108 103,028	10,585	10,123
73	54	69 940	9 652,825	97 890,523	10,141	9,678
74	55	67 757	9 101,174	88 237,699	9,695	9,232
75	56	65 444	8 555,279	79 136,525	9,250	8,787
76	57	62 988	8 013,836	70 581,245	8,807	8,345
77	58	60 375	7 475,805	62 567,409	8,369	7,906
78	59	57 629	6 944,796	55 091,604	7,933	7,470
79	60	54 699	6 415,241	48 146,808	7,505	7,042
80	61	51 560	5 885,247	41 731,568	7,091	6,628
81	62	48 268	5 362,004	35 846,321	6,685	6,222
82	63	44 782	4 841,690	30 484,317	6,296	5,833
83	64	41 161	4 331,070	25 642,627	5,921	5,458
84	65	37 396	3 829,586	21 311,557	5,565	5,102
85	66	33 560	3 344,798	17 481,971	5,227	4,764
86	67	29 690	2 879,910	14 137,173	4,909	4,446
87	68	25 874	2 442,523	11 257,263	4,609	4,146
88	69	22 204	2 039,963	8 814,740	4,321	3,858
89	70	18 716	1 673,548	6 774,777	4,048	3,585
90	71	15 485	1 347,555	5 101,228	3,786	3,323
91	72	12 534	1 061,597	3 753,673	3,536	3,073
92	73	9 853	812,189	2 692,076	3,315	2,852
93	74	7 526	603,713	1 879,887	3,114	2,651
94	75	5 593	436,688	1 276,174	2,922	2,460
95	76	3 986	302,875	839,485	2,772	2,309
96	77	2 784	205,891	536,610	2,606	2,143
97	78	1 867	134,372	330,719	2,461	1,998
98	79	1 201	84,138	196,347	2,334	1,871
99	80	742	50,556	112,209	2,219	1,757
100	81	439	29,111	61,652	2,118	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	57 740,770	1 677 561,017	29,053	28,590
21	1	98 990	55 997,970	1 619 820,247	28,926	28,464
22	2	98 923	54 462,282	1 563 822,277	28,714	28,251
23	3	98 866	52 974,439	1 509 359,995	28,492	28,029
24	4	98 809	51 526,817	1 456 385,556	28,265	27,802
25	5	98 752	50 118,954	1 404 858,739	28,030	27,568
26	6	98 698	48 750,446	1 354 739,785	27,789	27,326
27	7	98 644	47 420,087	1 305 989,339	27,541	27,078
28	8	98 587	46 124,309	1 258 569,252	27,286	26,824
29	9	98 530	44 863,938	1 212 444,944	27,025	26,562
30	10	98 468	43 635,375	1 167 581,005	26,758	26,295
31	11	98 405	42 440,537	1 123 945,630	26,483	26,020
32	12	98 330	41 273,153	1 081 505,093	26,204	25,741
33	13	98 253	40 137,204	1 040 231,940	25,917	25,454
34	14	98 175	39 031,889	1 000 094,736	25,623	25,160
35	15	98 086	37 952,667	961 062,848	25,323	24,860
36	16	97 987	36 899,494	923 110,181	25,017	24,554
37	17	97 886	35 874,990	886 210,687	24,703	24,240
38	18	97 780	34 877,010	850 335,697	24,381	23,918
39	19	97 657	33 901,034	815 458,686	24,054	23,591
40	20	97 532	32 951,336	781 557,653	23,719	23,256
41	21	97 391	32 023,194	748 606,317	23,377	22,914
42	22	97 246	31 119,693	716 583,122	23,027	22,564
43	23	97 084	30 236,444	685 463,430	22,670	22,207
44	24	96 904	29 372,630	655 226,985	22,307	21,845
45	25	96 714	28 530,334	625 854,355	21,936	21,474
46	26	96 498	27 704,818	597 324,021	21,560	21,097
47	27	96 269	26 899,183	569 619,203	21,176	20,713
48	28	96 008	26 108,475	542 720,020	20,787	20,324
49	29	95 717	25 332,628	516 611,545	20,393	19,930
50	30	95 391	24 570,680	491 278,918	19,995	19,532
51	31	95 027	23 821,875	466 708,238	19,592	19,129
52	32	94 630	23 087,421	442 886,362	19,183	18,720
53	33	94 179	22 362,311	419 798,942	18,773	18,310
54	34	93 676	21 647,575	397 436,631	18,359	17,897
55	35	93 117	20 942,568	375 789,056	17,944	17,481
56	36	92 508	20 248,593	354 846,488	17,525	17,062
57	37	91 833	19 562,879	334 597,896	17,104	16,641
58	38	91 098	18 887,039	315 035,016	16,680	16,217
59	39	90 276	18 215,722	296 147,978	16,258	15,795
60	40	89 388	17 553,741	277 932,255	15,833	15,370
61	41	88 430	16 900,914	260 378,515	15,406	14,943
62	42	87 392	16 255,427	243 477,601	14,978	14,515
63	43	86 261	15 615,549	227 222,174	14,551	14,088
64	44	85 057	14 985,514	211 606,625	14,121	13,658
65	45	83 757	14 361,558	196 621,110	13,691	13,228
66	46	82 378	13 747,095	182 259,553	13,258	12,795
67	47	80 929	13 143,766	168 512,457	12,821	12,358
68	48	79 362	12 544,312	155 368,691	12,386	11,923
69	49	77 753	11 961,074	142 824,379	11,941	11,478
70	50	76 011	11 380,086	130 863,305	11,499	11,037
71	51	74 161	10 806,033	119 483,219	11,057	10,594
72	52	72 192	10 237,641	108 677,187	10,615	10,153
73	53	70 132	9 679,280	98 439,546	10,170	9,707
74	54	67 961	9 128,648	88 760,266	9,723	9,260
75	55	65 662	8 583,721	79 631,618	9,277	8,814
76	56	63 217	8 042,943	71 047,898	8,834	8,371
77	57	60 617	7 505,770	63 004,955	8,394	7,931
78	58	57 884	6 975,562	55 499,185	7,956	7,493
79	59	54 964	6 446,377	48 523,623	7,527	7,064
80	60	51 839	5 917,146	42 077,246	7,111	6,648
81	61	48 539	5 392,174	36 160,100	6,706	6,243
82	62	45 056	4 871,291	30 767,926	6,316	5,853
83	63	41 434	4 359,776	25 896,635	5,940	5,477
84	64	37 671	3 857,698	21 536,859	5,583	5,120
85	65	33 831	3 371,814	17 679,160	5,243	4,780
86	66	29 952	2 905,289	14 307,347	4,925	4,462
87	67	26 127	2 466,434	11 402,058	4,623	4,160
88	68	22 433	2 061,016	8 935,624	4,336	3,873
89	69	18 928	1 692,457	6 874,608	4,062	3,599
90	70	15 676	1 364,176	5 182,151	3,799	3,336
91	71	12 705	1 076,005	3 817,975	3,548	3,085
92	72	9 997	824,063	2 741,970	3,327	2,865
93	73	7 644	613,207	1 917,907	3,128	2,665
94	74	5 691	444,289	1 304,700	2,937	2,474
95	75	4 063	308,763	860,410	2,787	2,324
96	76	2 846	210,485	551,648	2,621	2,158
97	77	1 914	137,740	341,163	2,477	2,014
98	78	1 236	86,571	203,423	2,350	1,887
99	79	767	52,278	116,852	2,235	1,772
100	80	456	30,274	64,574	2,133	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	56 170,067	1 620 926,313	28,857	28,395
22	1	98 946	54 474,869	1 564 756,246	28,724	28,262
23	2	98 878	52 980,748	1 510 281,378	28,506	28,043
24	3	98 821	51 532,956	1 457 300,630	28,279	27,816
25	4	98 761	50 123,512	1 405 767,673	28,046	27,583
26	5	98 705	48 754,102	1 355 644,161	27,806	27,343
27	6	98 651	47 423,209	1 306 890,059	27,558	27,095
28	7	98 592	46 126,583	1 259 466,850	27,305	26,842
29	8	98 537	44 866,716	1 213 340,268	27,043	26,580
30	9	98 474	43 638,199	1 168 473,552	26,776	26,314
31	10	98 411	42 443,052	1 124 835,353	26,502	26,039
32	11	98 337	41 276,227	1 082 392,301	26,223	25,760
33	12	98 261	40 140,380	1 041 116,074	25,937	25,474
34	13	98 184	39 035,235	1 000 975,694	25,643	25,180
35	14	98 096	37 956,650	961 940,459	25,343	24,880
36	15	97 999	36 904,111	923 983,810	25,037	24,575
37	16	97 900	35 880,053	887 079,699	24,723	24,261
38	17	97 794	34 882,118	851 199,646	24,402	23,939
39	18	97 677	33 907,939	816 317,528	24,075	23,612
40	19	97 551	32 957,698	782 409,590	23,740	23,277
41	20	97 409	32 029,125	749 451,892	23,399	22,936
42	21	97 262	31 124,846	717 422,767	23,050	22,587
43	22	97 101	30 241,677	686 297,921	22,694	22,231
44	23	96 925	29 379,005	656 056,244	22,331	21,868
45	24	96 730	28 535,172	626 677,239	21,962	21,499
46	25	96 516	27 709,985	598 142,066	21,586	21,123
47	26	96 287	26 904,418	570 432,081	21,202	20,739
48	27	96 029	26 114,179	543 527,663	20,814	20,351
49	28	95 741	25 338,947	517 413,484	20,420	19,957
50	29	95 416	24 577,040	492 074,537	20,022	19,559
51	30	95 056	23 828,951	467 497,497	19,619	19,156
52	31	94 661	23 094,792	443 668,546	19,211	18,748
53	32	94 212	22 370,074	420 573,754	18,801	18,338
54	33	93 709	21 655,285	398 203,680	18,388	17,925
55	34	93 154	20 950,762	376 548,395	17,973	17,510
56	35	92 545	20 256,746	355 597,633	17,555	17,092
57	36	91 876	19 572,055	335 340,887	17,134	16,671
58	37	91 140	18 895,735	315 768,831	16,711	16,248
59	38	90 329	18 226,397	296 873,096	16,288	15,825
60	39	89 441	17 564,204	278 646,700	15,864	15,402
61	40	88 491	16 912,392	261 082,496	15,437	14,975
62	41	87 459	16 267,838	244 170,104	15,009	14,547
63	42	86 332	15 628,518	227 902,267	14,582	14,120
64	43	85 133	14 999,012	212 273,748	14,153	13,690
65	44	83 842	14 376,222	197 274,736	13,722	13,259
66	45	82 470	13 762,399	182 898,514	13,290	12,827
67	46	81 032	13 160,476	169 136,116	12,852	12,389
68	47	79 476	12 562,321	155 975,639	12,416	11,953
69	48	77 877	11 980,237	143 413,318	11,971	11,508
70	49	76 148	11 400,738	131 433,081	11,528	11,066
71	50	74 308	10 827,370	120 032,344	11,086	10,623
72	51	72 352	10 260,304	109 204,974	10,643	10,181
73	52	70 305	9 703,104	98 944,670	10,197	9,734
74	53	68 148	9 153,666	89 241,566	9,749	9,286
75	54	65 860	8 609,632	80 087,900	9,302	8,839
76	55	63 427	8 069,681	71 478,268	8,858	8,395
77	56	60 837	7 533,031	63 408,587	8,417	7,955
78	57	58 116	7 003,522	55 875,556	7,978	7,515
79	58	55 208	6 474,935	48 872,034	7,548	7,085
80	59	52 091	5 945,865	42 397,099	7,131	6,668
81	60	48 802	5 421,401	36 451,234	6,724	6,261
82	61	45 310	4 898,700	31 029,834	6,334	5,871
83	62	41 687	4 386,431	26 131,134	5,957	5,494
84	63	37 920	3 883,268	21 744,703	5,600	5,137
85	64	34 080	3 396,566	17 861,435	5,259	4,796
86	65	30 194	2 928,755	14 464,870	4,939	4,476
87	66	26 357	2 488,169	11 536,115	4,636	4,174
88	67	22 652	2 081,192	9 047,946	4,347	3,885
89	68	19 123	1 709,923	6 966,754	4,074	3,611
90	69	15 853	1 379,589	5 256,831	3,810	3,348
91	70	12 861	1 089,276	3 877,242	3,559	3,097
92	71	10 133	835,248	2 787,966	3,338	2,875
93	72	7 756	622,172	1 952,718	3,139	2,676
94	73	5 780	451,276	1 330,546	2,948	2,486
95	74	4 134	314,137	879,270	2,799	2,336
96	75	2 902	214,577	565,133	2,634	2,171
97	76	1 957	140,813	350,556	2,490	2,027
98	77	1 267	88,741	209,743	2,364	1,901
99	78	789	53,789	121,002	2,250	1,787
100	79	472	31,304	67,213	2,147	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	54 642,285	1 565 779,362	28,655	28,192
23	1	98 901	52 992,992	1 511 137,077	28,516	28,053
24	2	98 833	51 539,093	1 458 144,085	28,292	27,829
25	3	98 773	50 129,484	1 406 604,992	28,059	27,597
26	4	98 714	48 758,536	1 356 475,507	27,820	27,357
27	5	98 658	47 426,765	1 307 716,971	27,573	27,111
28	6	98 599	46 129,619	1 260 290,206	27,321	26,858
29	7	98 541	44 868,928	1 214 160,587	27,060	26,597
30	8	98 480	43 640,901	1 169 291,659	26,793	26,331
31	9	98 417	42 445,799	1 125 650,758	26,520	26,057
32	10	98 343	41 278,673	1 083 204,960	26,241	25,778
33	11	98 268	40 143,370	1 041 926,286	25,955	25,492
34	12	98 191	39 038,323	1 001 782,917	25,662	25,199
35	13	98 105	37 959,903	962 744,593	25,362	24,899
36	14	98 009	36 907,984	924 784,690	25,056	24,594
37	15	97 912	35 884,542	887 876,706	24,743	24,280
38	16	97 808	34 887,040	851 992,164	24,421	23,959
39	17	97 691	33 912,904	817 105,124	24,094	23,631
40	18	97 571	32 964,411	783 192,220	23,759	23,296
41	19	97 428	32 035,309	750 227,809	23,419	22,956
42	20	97 280	31 130,610	718 192,500	23,070	22,607
43	21	97 117	30 246,685	687 061,890	22,715	22,252
44	22	96 942	29 384,090	656 815,205	22,353	21,890
45	23	96 751	28 541,365	627 431,115	21,983	21,520
46	24	96 533	27 714,685	598 889,750	21,609	21,146
47	25	96 305	26 909,435	571 175,065	21,226	20,763
48	26	96 048	26 119,261	544 265,630	20,838	20,375
49	27	95 762	25 344,483	518 146,369	20,444	19,981
50	28	95 440	24 583,171	492 801,886	20,046	19,583
51	29	95 080	23 835,119	468 218,715	19,644	19,181
52	30	94 689	23 101,652	444 383,596	19,236	18,773
53	31	94 242	22 377,217	421 281,944	18,826	18,364
54	32	93 742	21 662,803	398 904,727	18,414	17,951
55	33	93 187	20 958,224	377 241,924	18,000	17,537
56	34	92 581	20 264,672	356 283,700	17,582	17,119
57	35	91 913	19 579,936	336 019,028	17,161	16,699
58	36	91 183	18 904,598	316 439,092	16,739	16,276
59	37	90 371	18 234,789	297 534,494	16,317	15,854
60	38	89 494	17 574,496	279 299,705	15,892	15,430
61	39	88 543	16 922,473	261 725,208	15,466	15,003
62	40	87 518	16 278,886	244 802,736	15,038	14,575
63	41	86 398	15 640,450	228 523,850	14,611	14,148
64	42	85 204	15 011,469	212 883,400	14,181	13,719
65	43	83 918	14 389,171	197 871,931	13,751	13,289
66	44	82 554	13 776,451	183 482,760	13,319	12,856
67	45	81 122	13 175,126	169 706,309	12,881	12,418
68	46	79 577	12 578,292	156 531,182	12,445	11,982
69	47	77 989	11 997,436	143 952,890	11,999	11,536
70	48	76 270	11 419,003	131 955,454	11,556	11,093
71	49	74 442	10 847,019	120 536,451	11,112	10,650
72	50	72 495	10 280,563	109 689,432	10,670	10,207
73	51	70 460	9 724,583	99 408,869	10,222	9,760
74	52	68 315	9 176,196	89 684,286	9,774	9,311
75	53	66 041	8 633,228	80 508,090	9,325	8,863
76	54	63 619	8 094,041	71 874,861	8,880	8,417
77	55	61 040	7 558,074	63 780,821	8,439	7,976
78	56	58 328	7 028,959	56 222,747	7,999	7,536
79	57	55 429	6 500,888	49 193,788	7,567	7,104
80	58	52 322	5 972,206	42 692,899	7,149	6,686
81	59	49 039	5 447,713	36 720,694	6,741	6,278
82	60	45 555	4 925,252	31 272,981	6,350	5,887
83	61	41 922	4 411,111	26 347,729	5,973	5,510
84	62	38 152	3 907,009	21 936,617	5,615	5,152
85	63	34 306	3 419,078	18 029,608	5,273	4,810
86	64	30 416	2 950,254	14 610,530	4,952	4,489
87	65	26 570	2 508,266	11 660,276	4,649	4,186
88	66	22 852	2 099,532	9 152,010	4,359	3,896
89	67	19 310	1 726,662	7 052,478	4,084	3,622
90	68	16 017	1 393,826	5 325,816	3,821	3,358
91	69	13 007	1 101,583	3 931,989	3,569	3,107
92	70	10 258	845,549	2 830,406	3,347	2,885
93	71	7 861	630,617	1 984,857	3,147	2,685
94	72	5 865	457,874	1 354,240	2,958	2,495
95	73	4 199	319,077	896,366	2,809	2,346
96	74	2 952	218,312	577,289	2,644	2,182
97	75	1 995	143,550	358,977	2,501	2,038
98	76	1 295	90,721	215,427	2,375	1,912
99	77	809	55,137	124,706	2,262	1,799
100	78	485	32,209	69,568	2,160	1,697

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	53 155,854	1 512 083,705	28,446	27,983
24	1	98 856	51 551,005	1 458 927,850	28,301	27,838
25	2	98 785	50 135,454	1 407 376,846	28,071	27,609
26	3	98 726	48 764,346	1 357 241,391	27,833	27,370
27	4	98 667	47 431,078	1 308 477,046	27,587	27,124
28	5	98 606	46 133,079	1 261 045,967	27,335	26,872
29	6	98 548	44 871,882	1 214 912,889	27,075	26,612
30	7	98 485	43 643,052	1 170 041,007	26,809	26,347
31	8	98 423	42 448,427	1 126 397,955	26,536	26,073
32	9	98 350	41 281,344	1 083 949,528	26,258	25,795
33	10	98 274	40 145,748	1 042 668,184	25,972	25,509
34	11	98 199	39 041,231	1 002 522,435	25,679	25,216
35	12	98 112	37 962,907	963 481,204	25,380	24,917
36	13	98 017	36 911,148	925 518,297	25,074	24,611
37	14	97 922	35 888,308	888 607,149	24,760	24,298
38	15	97 820	34 891,405	852 718,841	24,439	23,976
39	16	97 705	33 917,690	817 827,436	24,112	23,649
40	17	97 585	32 969,238	783 909,746	23,777	23,314
41	18	97 448	32 041,834	750 940,508	23,436	22,973
42	19	97 299	31 136,620	718 898,674	23,089	22,626
43	20	97 135	30 252,287	687 762,054	22,734	22,271
44	21	96 958	29 388,955	657 509,767	22,373	21,910
45	22	96 768	28 546,305	628 120,812	22,004	21,541
46	23	96 554	27 720,700	599 574,507	21,629	21,166
47	24	96 322	26 913,999	571 853,807	21,247	20,785
48	25	96 066	26 124,132	544 939,808	20,860	20,397
49	26	95 781	25 349,415	518 815,676	20,467	20,004
50	27	95 461	24 588,542	493 466,260	20,069	19,606
51	28	95 104	23 841,065	468 877,718	19,667	19,204
52	29	94 713	23 107,632	445 036,654	19,259	18,796
53	30	94 270	22 383,863	421 929,022	18,850	18,387
54	31	93 772	21 669,720	399 545,158	18,438	17,975
55	32	93 219	20 965,500	377 875,438	18,024	17,561
56	33	92 614	20 271,890	356 909,938	17,606	17,143
57	34	91 949	19 587,597	336 638,049	17,186	16,723
58	35	91 220	18 912,210	317 050,452	16,764	16,302
59	36	90 413	18 243,342	298 138,242	16,342	15,879
60	37	89 535	17 582,588	279 894,899	15,919	15,456
61	38	88 595	16 932,389	262 312,311	15,492	15,029
62	39	87 570	16 288,589	245 379,922	15,065	14,602
63	40	86 457	15 651,072	229 091,333	14,637	14,175
64	41	85 269	15 022,929	213 440,261	14,208	13,745
65	42	83 988	14 401,121	198 417,331	13,778	13,315
66	43	82 628	13 788,860	184 016,210	13,345	12,882
67	44	81 205	13 188,579	170 227,350	12,907	12,444
68	45	79 665	12 592,294	157 038,771	12,471	12,008
69	46	78 088	12 012,689	144 446,477	12,024	11,562
70	47	76 380	11 435,396	132 433,788	11,581	11,118
71	48	74 562	10 864,397	120 998,391	11,137	10,674
72	49	72 627	10 299,220	110 133,994	10,693	10,231
73	50	70 599	9 743,785	99 834,774	10,246	9,783
74	51	68 467	9 196,509	90 090,989	9,796	9,333
75	52	66 203	8 654,478	80 894,480	9,347	8,884
76	53	63 793	8 116,224	72 240,002	8,901	8,438
77	54	61 224	7 580,889	64 123,779	8,459	7,996
78	55	58 521	7 052,326	56 542,889	8,018	7,555
79	56	55 630	6 524,499	49 490,563	7,585	7,123
80	57	52 531	5 996,144	42 966,063	7,166	6,703
81	58	49 256	5 471,847	36 969,920	6,756	6,294
82	59	45 776	4 949,156	31 498,073	6,364	5,902
83	60	42 149	4 435,021	26 548,916	5,986	5,523
84	61	38 367	3 928,992	22 113,895	5,628	5,166
85	62	34 515	3 439,982	18 184,903	5,286	4,824
86	63	30 617	2 969,809	14 744,921	4,965	4,502
87	64	26 765	2 526,678	11 775,113	4,660	4,197
88	65	23 037	2 116,490	9 248,434	4,370	3,907
89	66	19 481	1 741,878	7 131,945	4,094	3,632
90	67	16 174	1 407,471	5 390,066	3,830	3,367
91	68	13 141	1 112,952	3 982,595	3,578	3,116
92	69	10 374	855,103	2 869,643	3,356	2,893
93	70	7 958	638,394	2 014,541	3,156	2,693
94	71	5 944	464,088	1 376,146	2,965	2,502
95	72	4 261	323,742	912,058	2,817	2,354
96	73	2 999	221,745	588,316	2,653	2,190
97	74	2 029	146,049	366,571	2,510	2,047
98	75	1 320	92,484	220,522	2,384	1,922
99	76	827	56,368	128,037	2,271	1,809
100	77	498	33,017	71,670	2,171	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	51 709,435	1 459 803,942	28,231	27,768
25	1	98 808	50 147,041	1 408 094,507	28,079	27,616
26	2	98 737	48 770,153	1 357 947,466	27,844	27,381
27	3	98 679	47 436,730	1 309 177,313	27,598	27,136
28	4	98 615	46 137,274	1 261 740,583	27,348	26,885
29	5	98 555	44 875,247	1 215 603,309	27,089	26,626
30	6	98 491	43 645,925	1 170 728,062	26,823	26,360
31	7	98 428	42 450,519	1 127 082,137	26,550	26,088
32	8	98 356	41 283,900	1 084 631,618	26,273	25,810
33	9	98 281	40 148,346	1 043 347,717	25,987	25,524
34	10	98 205	39 043,545	1 003 199,371	25,694	25,232
35	11	98 120	37 965,735	964 155,826	25,395	24,933
36	12	98 025	36 914,069	926 190,091	25,090	24,628
37	13	97 930	35 891,385	889 276,023	24,777	24,314
38	14	97 830	34 895,067	853 384,638	24,456	23,993
39	15	97 717	33 921,934	818 489,571	24,129	23,666
40	16	97 599	32 973,891	784 567,638	23,794	23,331
41	17	97 462	32 046,526	751 593,747	23,453	22,990
42	18	97 319	31 142,962	719 547,221	23,105	22,642
43	19	97 154	30 258,127	688 404,259	22,751	22,288
44	20	96 976	29 394,398	658 146,131	22,390	21,927
45	21	96 784	28 551,032	628 751,733	22,022	21,559
46	22	96 570	27 725,498	600 200,701	21,648	21,185
47	23	96 343	26 919,840	572 475,203	21,266	20,803
48	24	96 082	26 128,563	545 555,363	20,880	20,417
49	25	95 798	25 354,143	519 426,800	20,487	20,024
50	26	95 479	24 593,327	494 072,658	20,090	19,627
51	27	95 125	23 846,273	469 479,331	19,688	19,225
52	28	94 737	23 113,396	445 633,057	19,280	18,817
53	29	94 294	22 389,657	422 519,661	18,871	18,408
54	30	93 800	21 676,156	400 130,003	18,459	17,997
55	31	93 249	20 972,194	378 453,847	18,046	17,583
56	32	92 646	20 278,927	357 481,653	17,628	17,165
57	33	91 981	19 594,574	337 202,726	17,209	16,746
58	34	91 255	18 919,610	317 608,152	16,787	16,324
59	35	90 450	18 250,688	298 688,542	16,366	15,903
60	36	89 577	17 590,836	280 437,854	15,942	15,479
61	37	88 636	16 940,186	262 847,019	15,516	15,053
62	38	87 622	16 298,134	245 906,833	15,088	14,625
63	39	86 508	15 660,401	229 608,699	14,662	14,199
64	40	85 327	15 033,132	213 948,298	14,232	13,769
65	41	84 052	14 412,116	198 915,165	13,802	13,339
66	42	82 697	13 800,312	184 503,050	13,369	12,907
67	43	81 278	13 200,459	170 702,738	12,932	12,469
68	44	79 747	12 605,152	157 502,279	12,495	12,032
69	45	78 175	12 026,061	144 897,127	12,049	11,586
70	46	76 477	11 449,935	132 871,066	11,605	11,142
71	47	74 669	10 879,994	121 421,131	11,160	10,697
72	48	72 743	10 315,720	110 541,137	10,716	10,253
73	49	70 728	9 761,467	100 225,417	10,267	9,805
74	50	68 602	9 214,669	90 463,949	9,817	9,355
75	51	66 350	8 673,636	81 249,281	9,367	8,905
76	52	63 950	8 136,200	72 575,645	8,920	8,457
77	53	61 392	7 601,666	64 439,445	8,477	8,014
78	54	58 698	7 073,615	56 837,779	8,035	7,572
79	55	55 815	6 546,190	49 764,163	7,602	7,139
80	56	52 722	6 017,922	43 217,974	7,182	6,719
81	57	49 454	5 493,780	37 200,052	6,771	6,308
82	58	45 979	4 971,082	31 706,272	6,378	5,915
83	59	42 354	4 456,546	26 735,190	5,999	5,536
84	60	38 575	3 950,288	22 278,644	5,640	5,177
85	61	34 710	3 459,337	18 328,356	5,298	4,835
86	62	30 804	2 987,965	14 869,019	4,976	4,513
87	63	26 943	2 543,425	11 881,053	4,671	4,208
88	64	23 206	2 132,027	9 337,628	4,380	3,917
89	65	19 638	1 755,947	7 205,602	4,104	3,641
90	66	16 316	1 419,874	5 449,654	3,838	3,375
91	67	13 269	1 123,847	4 029,780	3,586	3,123
92	68	10 481	863,928	2 905,933	3,364	2,901
93	69	8 048	645,607	2 042,006	3,163	2,700
94	70	6 018	469,812	1 396,398	2,972	2,509
95	71	4 318	328,136	926,586	2,824	2,361
96	72	3 042	224,987	598,450	2,660	2,197
97	73	2 061	148,346	373,463	2,518	2,055
98	74	1 343	94,094	225,117	2,392	1,930
99	75	843	57,463	131,023	2,280	1,817
100	76	509	33,754	73,560	2,179	1,717

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 2,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	50 301,157	1 408 905,556	28,009	27,547
26	1	98 760	48 781,424	1 358 604,399	27,851	27,388
27	2	98 691	47 442,379	1 309 822,975	27,609	27,146
28	3	98 627	46 142,771	1 262 380,595	27,358	26,895
29	4	98 564	44 879,328	1 216 237,824	27,100	26,637
30	5	98 499	43 649,199	1 171 358,496	26,836	26,373
31	6	98 435	42 453,314	1 127 709,297	26,564	26,101
32	7	98 360	41 285,936	1 085 255,984	26,286	25,824
33	8	98 287	40 150,832	1 043 970,048	26,001	25,538
34	9	98 211	39 046,071	1 003 819,216	25,709	25,246
35	10	98 125	37 967,984	964 773,145	25,410	24,947
36	11	98 033	36 916,818	926 805,160	25,105	24,642
37	12	97 938	35 894,224	889 888,342	24,792	24,329
38	13	97 839	34 898,058	853 994,118	24,471	24,008
39	14	97 728	33 925,494	819 096,059	24,144	23,681
40	15	97 611	32 978,016	785 170,565	23,809	23,346
41	16	97 476	32 051,048	752 192,549	23,469	23,006
42	17	97 333	31 147,523	720 141,501	23,120	22,658
43	18	97 174	30 264,290	688 993,978	22,766	22,303
44	19	96 995	29 400,073	658 729,687	22,406	21,943
45	20	96 802	28 556,320	629 329,614	22,038	21,575
46	21	96 586	27 730,089	600 773,294	21,665	21,202
47	22	96 359	26 924,500	573 043,206	21,283	20,821
48	23	96 103	26 134,233	546 118,706	20,897	20,434
49	24	95 815	25 358,443	519 984,473	20,505	20,043
50	25	95 497	24 597,914	494 626,030	20,108	19,646
51	26	95 143	23 850,914	470 028,116	19,707	19,244
52	27	94 758	23 118,446	446 177,202	19,300	18,837
53	28	94 318	22 395,243	423 058,756	18,891	18,428
54	29	93 824	21 681,767	400 663,514	18,479	18,016
55	30	93 277	20 978,423	378 981,746	18,065	17,602
56	31	92 676	20 285,402	358 003,323	17,648	17,186
57	32	92 013	19 601,376	337 717,921	17,229	16,766
58	33	91 288	18 926,348	318 116,545	16,808	16,345
59	34	90 485	18 257,829	299 190,196	16,387	15,924
60	35	89 613	17 597,918	280 932,367	15,964	15,501
61	36	88 678	16 948,132	263 334,449	15,538	15,075
62	37	87 662	16 305,639	246 386,317	15,110	14,648
63	38	86 559	15 669,578	230 080,679	14,683	14,220
64	39	85 378	15 042,093	214 411,101	14,254	13,791
65	40	84 109	14 421,904	199 369,008	13,824	13,361
66	41	82 760	13 810,848	184 947,104	13,391	12,929
67	42	81 345	13 211,422	171 136,256	12,954	12,491
68	43	79 819	12 616,506	157 924,834	12,517	12,054
69	44	78 255	12 038,341	145 308,329	12,070	11,608
70	45	76 562	11 462,681	133 269,988	11,626	11,164
71	46	74 764	10 893,826	121 807,307	11,181	10,718
72	47	72 847	10 330,530	110 913,481	10,736	10,274
73	48	70 841	9 777,107	100 582,951	10,288	9,825
74	49	68 726	9 231,391	90 805,844	9,837	9,374
75	50	66 481	8 690,762	81 574,454	9,386	8,924
76	51	64 092	8 154,211	72 883,691	8,938	8,475
77	52	61 543	7 620,376	64 729,480	8,494	8,031
78	53	58 859	7 093,002	57 109,104	8,051	7,589
79	54	55 984	6 565,951	50 016,102	7,617	7,155
80	55	52 897	6 037,928	43 450,152	7,196	6,733
81	56	49 633	5 513,733	37 412,223	6,785	6,322
82	57	46 163	4 991,007	31 898,490	6,391	5,928
83	58	42 541	4 476,289	26 907,483	6,011	5,548
84	59	38 762	3 969,461	22 431,194	5,651	5,188
85	60	34 898	3 478,088	18 461,733	5,308	4,845
86	61	30 978	3 004,777	14 983,646	4,987	4,524
87	62	27 107	2 558,975	11 978,868	4,681	4,218
88	63	23 359	2 146,158	9 419,893	4,389	3,926
89	64	19 782	1 768,837	7 273,735	4,112	3,649
90	65	16 448	1 431,342	5 504,898	3,846	3,383
91	66	13 386	1 133,751	4 073,556	3,593	3,130
92	67	10 584	872,385	2 939,805	3,370	2,907
93	68	8 131	652,270	2 067,420	3,170	2,707
94	69	6 085	475,120	1 415,150	2,979	2,516
95	70	4 372	332,183	940,029	2,830	2,367
96	71	3 084	228,040	607,846	2,666	2,203
97	72	2 091	150,515	379,806	2,523	2,061
98	73	1 364	95,574	229,291	2,399	1,936
99	74	858	58,463	133,717	2,287	1,824
100	75	519	34,410	75,254	2,187	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 995 072,438	29,951	29,488
1	1	99 340	96 446,642	2 895 072,438	30,017	29,554
2	2	99 290	93 590,380	2 798 625,796	29,903	29,440
3	3	99 263	90 839,456	2 705 035,416	29,778	29,315
4	4	99 238	88 171,786	2 614 195,960	29,649	29,186
5	5	99 218	85 585,964	2 526 024,174	29,514	29,051
6	6	99 201	83 079,108	2 440 438,210	29,375	28,912
7	7	99 184	80 645,654	2 357 359,102	29,231	28,768
8	8	99 171	78 286,300	2 276 713,447	29,082	28,619
9	9	99 157	75 995,220	2 198 427,147	28,928	28,465
10	10	99 142	73 771,060	2 122 431,928	28,771	28,307
11	11	99 129	71 612,636	2 048 660,868	28,608	28,144
12	12	99 112	69 515,444	1 977 048,232	28,440	27,977
13	13	99 097	67 480,095	1 907 532,788	28,268	27,805
14	14	99 079	65 502,775	1 840 052,693	28,091	27,628
15	15	99 056	63 580,573	1 774 549,918	27,910	27,447
16	16	99 029	61 711,713	1 710 969,345	27,725	27,262
17	17	98 990	59 890,401	1 649 257,632	27,538	27,075
18	18	98 946	58 120,460	1 589 367,231	27,346	26,883
19	19	98 888	56 394,513	1 531 246,771	27,152	26,689
20	20	98 828	54 718,528	1 474 852,258	26,953	26,490
21	21	98 765	53 091,007	1 420 133,730	26,749	26,286
22	22	98 704	51 513,086	1 367 042,723	26,538	26,075
23	23	98 643	49 981,498	1 315 529,637	26,320	25,857
24	24	98 576	48 492,918	1 265 548,140	26,098	25,634
25	25	98 512	47 049,764	1 217 055,222	25,867	25,404
26	26	98 446	45 648,891	1 170 005,458	25,631	25,167
27	27	98 380	44 289,693	1 124 356,566	25,386	24,923
28	28	98 307	42 967,624	1 080 066,873	25,137	24,674
29	29	98 232	41 684,254	1 037 099,249	24,880	24,417
30	30	98 150	40 436,509	995 414,995	24,617	24,154
31	31	98 064	39 224,479	954 978,486	24,346	23,883
32	32	97 966	38 043,658	915 754,007	24,071	23,608
33	33	97 863	36 896,906	877 710,349	23,788	23,325
34	34	97 759	35 784,058	840 813,443	23,497	23,034
35	35	97 642	34 700,250	805 029,385	23,200	22,736
36	36	97 516	33 646,108	770 329,135	22,895	22,432
37	37	97 384	32 621,838	736 683,028	22,583	22,119
38	38	97 248	31 627,449	704 061,190	22,261	21,798
39	39	97 089	30 656,071	672 433,740	21,935	21,472
40	40	96 925	29 712,982	641 777,669	21,599	21,136
41	41	96 737	28 791,748	612 064,688	21,258	20,795
42	42	96 536	27 894,833	583 272,939	20,910	20,446
43	43	96 312	27 019,569	555 378,106	20,555	20,091
44	44	96 067	26 166,063	528 358,538	20,193	19,729
45	45	95 797	25 332,463	502 192,475	19,824	19,361
46	46	95 495	24 517,054	476 860,012	19,450	18,987
47	47	95 165	23 720,803	452 342,958	19,069	18,606
48	48	94 793	22 939,728	428 622,155	18,685	18,221
49	49	94 378	22 174,033	405 682,427	18,295	17,832
50	50	93 910	21 421,566	383 508,394	17,903	17,440
51	51	93 395	20 683,635	362 086,829	17,506	17,043
52	52	92 829	19 959,482	341 403,193	17,105	16,642
53	53	92 192	19 245,015	321 443,711	16,703	16,239
54	54	91 481	18 540,501	302 198,696	16,299	15,836
55	55	90 697	17 846,276	283 658,195	15,895	15,431
56	56	89 841	17 162,897	265 811,919	15,488	15,024
57	57	88 905	16 489,302	248 649,022	15,079	14,616
58	58	87 882	15 824,886	232 159,720	14,671	14,207
59	59	86 756	15 167,096	216 334,834	14,263	13,800
60	60	85 538	14 518,655	201 167,738	13,856	13,393
61	61	84 223	13 879,018	186 649,083	13,448	12,985
62	62	82 831	13 252,147	172 770,066	13,037	12,574
63	63	81 330	12 632,902	159 517,919	12,627	12,164
64	64	79 738	12 024,973	146 885,017	12,215	11,752
65	65	78 027	11 424,189	134 860,043	11,805	11,342
66	66	76 212	10 833,504	123 435,854	11,394	10,931
67	67	74 312	10 255,664	112 602,351	10,980	10,516
68	68	72 270	9 683,396	102 346,687	10,569	10,106
69	69	70 194	9 131,283	92 663,291	10,148	9,685
70	70	67 978	8 585,387	83 532,007	9,730	9,266
71	71	65 645	8 049,301	74 946,621	9,311	8,848
72	72	63 186	7 522,151	66 897,319	8,893	8,430
73	73	60 647	7 009,613	59 375,168	8,471	8,007
74	74	58 019	6 510,495	52 365,555	8,043	7,580
75	75	55 263	6 020,636	45 855,060	7,616	7,153
76	76	52 364	5 538,688	39 834,424	7,192	6,729
77	77	49 293	5 062,002	34 295,736	6,775	6,312
78	78	46 104	4 596,602	29 233,734	6,360	5,897
79	79	42 737	4 136,749	24 637,131	5,956	5,492
80	80	39 169	3 680,985	20 500,382	5,569	5,106
81	81	35 458	3 235,182	16 819,397	5,199	4,736
82	82	31 640	2 802,785	13 584,215	4,847	4,383
83	83	27 801	2 390,942	10 781,430	4,509	4,046
84	84	23 966	2 001,059	8 390,489	4,193	3,730
85	85	20 224	1 639,438	6 389,430	3,897	3,434
86	86	16 656	1 310,861	4 749,992	3,624	3,160
87	87	13 353	1 020,362	3 439,131	3,371	2,907
88	88	10 406	771,986	2 418,770	3,133	2,670
89	89	7 852	565,559	1 646,784	2,912	2,449
90	90	5 716	399,683	1 081,225	2,705	2,242
91	91	3 996	271,269	681,542	2,512	2,049
92	92	2 654	174,910	410,273	2,346	1,882
93	93	1 672	107,029	235,363	2,199	1,736
94	94	1 000	62,137	128,334	2,065	1,602
95	95	556	33,521	66,197	1,975	1,512
96	96	298	17,452	32,676	1,872	1,409
97	97	150	8,508	15,225	1,789	1,326
98	98	72	3,953	6,716	1,699	1,236
99	99	32	1,704	2,763	1,622	1,159
100	100	13	0,681	1,060	1,556	1,092

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 990 049,444	29,992	29,529	50	51	93 725	21 379,351	379 474,284	17,750	17,286
1	2	99 317	96 424,357	2 890 355,830	29,975	29,512	51	52	93 189	20 637,949	358 094,933	17,351	16,888
2	3	99 278	93 579,235	2 793 931,472	29,856	29,393	52	53	92 601	19 910,476	337 456,983	16,949	16,485
3	4	99 251	90 828,634	2 700 352,237	29,730	29,267	53	54	91 940	19 192,415	317 546,508	16,545	16,082
4	5	99 229	88 163,769	2 609 523,603	29,599	29,135	54	55	91 206	18 484,701	298 354,092	16,141	15,677
5	6	99 210	85 579,546	2 521 359,835	29,462	28,999	55	56	90 397	17 787,144	279 869,391	15,734	15,271
6	7	99 194	83 073,639	2 435 780,289	29,321	28,858	56	57	89 516	17 100,786	262 082,247	15,326	14,863
7	8	99 179	80 641,679	2 352 706,650	29,175	28,712	57	58	88 550	16 423,472	244 981,461	14,917	14,453
8	9	99 165	78 281,453	2 272 064,971	29,024	28,561	58	59	87 494	15 755,090	228 557,988	14,507	14,044
9	10	99 150	75 990,302	2 193 783,518	28,869	28,406	59	60	86 337	15 093,839	212 802,899	14,099	13,635
10	11	99 136	73 766,688	2 117 793,216	28,709	28,246	60	61	85 077	14 440,385	197 709,060	13,691	13,228
11	12	99 121	71 607,302	2 044 026,527	28,545	28,082	61	62	83 752	13 801,363	183 268,675	13,279	12,816
12	13	99 105	69 509,944	1 972 419,225	28,376	27,913	62	63	82 328	13 171,618	169 467,312	12,866	12,403
13	14	99 088	67 474,311	1 902 909,281	28,202	27,739	63	64	80 794	12 549,722	156 295,694	12,454	11,991
14	15	99 068	65 495,901	1 835 434,970	28,024	27,560	64	65	79 157	11 937,343	143 745,972	12,042	11,578
15	16	99 044	63 572,619	1 769 939,069	27,841	27,378	65	66	77 402	11 332,657	131 808,629	11,631	11,168
16	17	99 015	61 703,005	1 706 366,450	27,655	27,191	66	67	75 547	10 738,868	120 475,972	11,219	10,755
17	18	98 975	59 881,632	1 644 663,444	27,465	27,002	67	68	73 591	10 156,242	109 737,104	10,805	10,342
18	19	98 926	58 108,624	1 584 781,813	27,273	26,810	68	69	71 532	9 584,482	99 580,862	10,390	9,927
19	20	98 869	56 383,628	1 526 673,188	27,077	26,613	69	70	69 410	9 029,267	89 996,380	9,967	9,504
20	21	98 809	54 708,396	1 470 289,561	26,875	26,412	70	71	67 149	8 480,787	80 967,114	9,547	9,084
21	22	98 749	53 082,217	1 415 581,165	26,668	26,204	71	72	64 766	7 941,518	72 486,327	9,128	8,664
22	23	98 687	51 504,172	1 362 498,948	26,454	25,991	72	73	62 276	7 413,762	64 544,809	8,706	8,243
23	24	98 621	49 970,652	1 310 994,776	26,235	25,772	73	74	59 708	6 901,085	57 131,047	8,279	7,815
24	25	98 559	48 484,695	1 261 024,124	26,009	25,545	74	75	57 026	6 399,111	50 229,962	7,850	7,386
25	26	98 493	47 040,991	1 212 539,429	25,776	25,313	75	76	54 209	5 905,838	43 830,851	7,422	6,958
26	27	98 427	45 640,009	1 165 498,438	25,537	25,074	76	77	51 221	5 417,800	37 925,013	7,000	6,537
27	28	98 359	44 280,019	1 119 858,428	25,290	24,827	77	78	48 088	4 938,227	32 507,213	6,583	6,120
28	29	98 282	42 956,908	1 075 578,409	25,039	24,575	78	79	44 809	4 467,437	27 568,987	6,171	5,708
29	30	98 206	41 673,467	1 032 621,501	24,779	24,316	79	80	41 330	4 000,554	23 101,550	5,775	5,311
30	31	98 121	40 424,503	990 948,034	24,514	24,050	80	81	37 665	3 539,606	19 100,996	5,396	4,933
31	32	98 033	39 211,959	950 523,532	24,241	23,777	81	82	33 896	3 092,632	15 561,390	5,032	4,569
32	33	97 932	38 030,455	911 311,573	23,963	23,499	82	83	30 048	2 661,688	12 468,759	4,685	4,221
33	34	97 828	36 883,769	873 281,118	23,677	23,213	83	84	26 186	2 252,071	9 807,071	4,355	3,891
34	35	97 720	35 770,062	836 397,349	23,383	22,919	84	85	22 355	1 866,546	7 554,999	4,048	3,584
35	36	97 602	34 686,283	800 627,287	23,082	22,619	85	86	18 662	1 512,838	5 688,454	3,760	3,297
36	37	97 470	33 630,333	765 941,003	22,775	22,312	86	87	15 175	1 194,315	4 175,615	3,496	3,033
37	38	97 339	32 606,825	732 310,671	22,459	21,996	87	88	12 002	917,111	2 981,300	3,251	2,788
38	39	97 191	31 608,926	699 703,846	22,136	21,673	88	89	9 211	683,342	2 064,189	3,021	2,558
39	40	97 031	30 637,809	668 094,920	21,806	21,343	89	90	6 824	491,517	1 380,847	2,809	2,346
40	41	96 859	29 692,816	637 457,111	21,468	21,005	90	91	4 870	340,555	889,329	2,611	2,148
41	42	96 664	28 769,784	607 764,295	21,125	20,662	91	92	3 327	225,876	548,774	2,430	1,966
42	43	96 455	27 871,686	578 994,511	20,774	20,310	92	93	2 156	142,104	322,898	2,272	1,809
43	44	96 225	26 995,253	551 122,825	20,416	19,952	93	94	1 323	84,639	180,794	2,136	1,673
44	45	95 969	26 139,372	524 127,572	20,051	19,588	94	95	765	47,524	96,155	2,023	1,560
45	46	95 691	25 304,295	497 988,200	19,680	19,217	95	96	417	25,173	48,631	1,932	1,469
46	47	95 374	24 485,924	472 683,906	19,304	18,841	96	97	218	12,749	23,458	1,840	1,377
47	48	95 029	23 686,799	448 197,982	18,922	18,459	97	98	108	6,151	10,709	1,741	1,278
48	49	94 641	22 903,034	424 511,183	18,535	18,072	98	99	50	2,749	4,559	1,659	1,195
49	50	94 207	22 133,866	401 608,149	18,145	17,681	99	100	21	1,141	1,810	1,587	1,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 984 962,788	29,948	29,485
1	3	99 305	96 412,875	2 885 292,209	29,926	29,463
2	4	99 266	93 568,086	2 788 879,333	29,806	29,343
3	5	99 242	90 820,375	2 695 311,247	29,677	29,214
4	6	99 222	88 157,157	2 604 490,873	29,544	29,081
5	7	99 204	85 573,912	2 516 333,716	29,405	28,942
6	8	99 189	83 069,544	2 430 759,803	29,262	28,799
7	9	99 173	80 636,686	2 347 690,259	29,114	28,651
8	10	99 158	78 276,388	2 267 053,573	28,962	28,499
9	11	99 144	75 985,799	2 188 777,185	28,805	28,342
10	12	99 129	73 761,194	2 112 791,386	28,644	28,180
11	13	99 113	71 601,637	2 039 030,192	28,477	28,014
12	14	99 096	69 503,986	1 967 428,555	28,307	27,843
13	15	99 078	67 467,230	1 897 924,569	28,131	27,668
14	16	99 056	65 487,707	1 830 457,339	27,951	27,488
15	17	99 030	63 563,649	1 764 969,631	27,767	27,304
16	18	99 001	61 693,971	1 701 405,982	27,578	27,115
17	19	98 955	59 869,437	1 639 712,011	27,388	26,925
18	20	98 907	58 097,408	1 579 842,574	27,193	26,730
19	21	98 851	56 373,187	1 521 745,166	26,994	26,531
20	22	98 793	54 699,339	1 465 371,979	26,790	26,326
21	23	98 731	53 073,031	1 410 672,641	26,580	26,117
22	24	98 666	51 492,996	1 357 599,609	26,365	25,902
23	25	98 605	49 962,179	1 306 106,613	26,142	25,679
24	26	98 541	48 475,654	1 256 144,434	25,913	25,450
25	27	98 474	47 031,838	1 207 668,780	25,678	25,214
26	28	98 405	45 630,040	1 160 636,942	25,436	24,973
27	29	98 334	44 268,976	1 115 006,901	25,187	24,724
28	30	98 257	42 945,792	1 070 737,925	24,932	24,469
29	31	98 177	41 661,093	1 027 792,133	24,670	24,207
30	32	98 090	40 411,599	986 131,041	24,402	23,939
31	33	97 999	39 198,350	945 719,442	24,127	23,663
32	34	97 897	38 016,914	906 521,091	23,845	23,382
33	35	97 790	36 869,343	868 504,177	23,556	23,093
34	36	97 681	35 755,665	831 634,834	23,259	22,796
35	37	97 557	34 670,021	795 879,169	22,956	22,493
36	38	97 425	33 614,855	761 209,148	22,645	22,182
37	39	97 282	32 587,728	727 594,292	22,327	21,864
38	40	97 133	31 590,097	695 006,564	22,001	21,538
39	41	96 965	30 617,015	663 416,467	21,668	21,205
40	42	96 785	29 670,164	632 799,452	21,328	20,865
41	43	96 583	28 745,911	603 129,288	20,981	20,518
42	44	96 369	27 846,603	574 383,378	20,627	20,163
43	45	96 127	26 967,717	546 536,775	20,266	19,803
44	46	95 863	26 110,306	519 569,058	19,899	19,436
45	47	95 569	25 272,165	493 458,752	19,526	19,063
46	48	95 237	24 450,822	468 186,587	19,148	18,685
47	49	94 877	23 648,910	443 735,764	18,763	18,300
48	50	94 470	22 861,546	420 086,855	18,375	17,912
49	51	94 021	22 090,247	397 225,308	17,982	17,519
50	52	93 518	21 332,129	375 135,061	17,585	17,122
51	53	92 960	20 587,277	353 802,933	17,186	16,722
52	54	92 348	19 856,058	333 215,656	16,782	16,318
53	55	91 663	19 134,653	313 359,598	16,377	15,913
54	56	90 904	18 423,454	294 224,945	15,970	15,507
55	57	90 070	17 722,775	275 801,491	15,562	15,099
56	58	89 159	17 032,515	258 078,716	15,152	14,689
57	59	88 159	16 351,035	241 046,201	14,742	14,279
58	60	87 072	15 678,992	224 695,165	14,331	13,868
59	61	85 871	15 012,468	209 016,173	13,923	13,460
60	62	84 601	14 359,589	194 003,705	13,510	13,047
61	63	83 243	13 717,497	179 644,116	13,096	12,633
62	64	81 786	13 084,891	165 926,619	12,681	12,218
63	65	80 205	12 458,268	152 841,728	12,268	11,805
64	66	78 523	11 841,699	140 383,460	11,855	11,392
65	67	76 726	11 233,661	128 541,761	11,443	10,979
66	68	74 814	10 634,761	117 308,100	11,031	10,567
67	69	72 840	10 052,498	106 673,339	10,612	10,148
68	70	70 733	9 477,402	96 620,841	10,195	9,732
69	71	68 564	8 919,259	87 143,439	9,770	9,307
70	72	66 250	8 367,226	78 224,180	9,349	8,886
71	73	63 833	7 827,086	69 856,954	8,925	8,462
72	74	61 312	7 298,977	62 029,868	8,498	8,035
73	75	58 687	6 783,018	54 730,891	8,069	7,606
74	76	55 939	6 277,095	47 947,873	7,639	7,175
75	77	53 026	5 776,936	41 670,777	7,213	6,750
76	78	49 969	5 285,325	35 893,841	6,791	6,328
77	79	46 737	4 799,462	30 608,517	6,377	5,914
78	80	43 333	4 320,354	25 809,055	5,974	5,511
79	81	39 742	3 846,900	21 488,701	5,586	5,123
80	82	36 005	3 383,642	17 641,801	5,214	4,751
81	83	32 189	2 936,944	14 258,159	4,855	4,392
82	84	28 302	2 507,092	11 321,215	4,516	4,052
83	85	24 426	2 100,685	8 814,123	4,196	3,733
84	86	20 628	1 722,409	6 713,438	3,898	3,434
85	87	17 003	1 378,335	4 991,029	3,621	3,158
86	88	13 639	1 073,462	3 612,694	3,365	2,902
87	89	10 624	811,804	2 539,232	3,128	2,665
88	90	8 005	593,880	1 727,428	2,909	2,445
89	91	5 815	418,804	1 133,547	2,707	2,243
90	92	4 055	283,568	714,744	2,521	2,057
91	93	2 703	183,511	431,175	2,350	1,886
92	94	1 705	112,376	247,664	2,204	1,741
93	95	1 012	64,734	135,288	2,090	1,627
94	96	574	35,689	70,554	1,977	1,514
95	97	305	18,389	34,865	1,896	1,433
96	98	157	9,217	16,476	1,788	1,324
97	99	75	4,276	7,259	1,697	1,234
98	100	33	1,840	2,983	1,621	1,158

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 979 512,084	29,897	29,434
1	4	99 293	96 401,389	2 879 853,374	29,874	29,410
2	5	99 257	93 559,578	2 783 451,985	29,751	29,287
3	6	99 234	90 813,564	2 689 892,407	29,620	29,157
4	7	99 215	88 151,354	2 599 078,843	29,484	29,021
5	8	99 199	85 569,694	2 510 927,490	29,344	28,880
6	9	99 183	83 064,401	2 425 357,796	29,199	28,735
7	10	99 167	80 631,469	2 342 293,395	29,049	28,586
8	11	99 152	78 271,750	2 261 661,926	28,895	28,432
9	12	99 137	75 980,140	2 183 390,177	28,736	28,273
10	13	99 121	73 755,358	2 107 410,037	28,573	28,110
11	14	99 105	71 595,499	2 033 654,678	28,405	27,942
12	15	99 086	69 496,693	1 962 059,179	28,232	27,769
13	16	99 066	67 458,790	1 892 562,487	28,055	27,592
14	17	99 042	65 478,467	1 825 103,697	27,873	27,410
15	18	99 016	63 554,342	1 759 625,230	27,687	27,224
16	19	98 981	61 681,407	1 696 070,888	27,497	27,034
17	20	98 936	59 857,881	1 634 389,480	27,304	26,841
18	21	98 889	58 086,650	1 574 531,599	27,107	26,643
19	22	98 834	56 363,854	1 516 444,949	26,905	26,441
20	23	98 776	54 689,873	1 460 081,095	26,697	26,234
21	24	98 710	53 061,515	1 405 391,222	26,486	26,023
22	25	98 649	51 484,264	1 352 329,707	26,267	25,804
23	26	98 586	49 952,863	1 300 845,442	26,041	25,578
24	27	98 522	48 466,222	1 250 892,579	25,810	25,346
25	28	98 453	47 021,565	1 202 426,357	25,572	25,109
26	29	98 381	45 618,660	1 155 404,792	25,327	24,864
27	30	98 309	44 257,520	1 109 786,131	25,076	24,612
28	31	98 228	42 933,040	1 065 528,611	24,818	24,355
29	32	98 146	41 647,795	1 022 595,572	24,553	24,090
30	33	98 056	40 397,575	980 947,777	24,282	23,819
31	34	97 964	39 184,394	940 550,202	24,003	23,540
32	35	97 858	38 002,045	901 365,808	23,719	23,256
33	36	97 750	36 854,504	863 363,763	23,426	22,963
34	37	97 635	35 738,901	826 509,259	23,126	22,663
35	38	97 512	34 654,065	790 770,358	22,819	22,356
36	39	97 368	33 595,168	756 116,293	22,507	22,043
37	40	97 224	32 568,316	722 521,125	22,185	21,722
38	41	97 067	31 568,657	689 952,809	21,856	21,392
39	42	96 891	30 593,659	658 384,152	21,520	21,057
40	43	96 705	29 645,544	627 790,494	21,177	20,713
41	44	96 496	28 720,041	598 144,950	20,827	20,364
42	45	96 270	27 818,198	569 424,909	20,470	20,006
43	46	96 020	26 937,730	541 606,711	20,106	19,643
44	47	95 741	26 077,153	514 668,981	19,736	19,273
45	48	95 432	25 235,936	488 591,828	19,361	18,898
46	49	95 085	24 411,711	463 355,891	18,981	18,518
47	50	94 705	23 606,071	438 944,180	18,595	18,131
48	51	94 283	22 816,494	415 338,109	18,203	17,740
49	52	93 813	22 041,455	392 521,616	17,808	17,345
50	53	93 288	21 279,752	370 480,161	17,410	16,947
51	54	92 706	20 531,009	349 200,409	17,008	16,545
52	55	92 070	19 796,298	328 669,400	16,603	16,139
53	56	91 359	19 071,253	308 873,102	16,196	15,733
54	57	90 575	18 356,782	289 801,849	15,787	15,324
55	58	89 710	17 652,021	271 445,067	15,378	14,914
56	59	88 765	16 957,392	253 793,047	14,967	14,503
57	60	87 733	16 272,060	236 835,655	14,555	14,092
58	61	86 602	15 594,467	220 563,595	14,144	13,680
59	62	85 391	14 928,471	204 969,128	13,730	13,267
60	63	84 087	14 272,331	190 040,657	13,315	12,852
61	64	82 694	13 627,175	175 768,326	12,898	12,435
62	65	81 190	12 989,537	162 141,150	12,482	12,019
63	66	79 563	12 358,450	149 151,614	12,069	11,606
64	67	77 837	11 738,257	136 793,163	11,654	11,190
65	68	75 982	11 124,758	125 054,907	11,241	10,778
66	69	74 050	10 526,130	113 930,149	10,824	10,360
67	70	72 026	9 940,189	103 404,019	10,403	9,939
68	71	69 871	9 361,934	93 463,830	9,983	9,520
69	72	67 646	8 799,826	84 101,896	9,557	9,094
70	73	65 296	8 246,660	75 302,069	9,131	8,668
71	74	62 844	7 705,901	67 055,410	8,702	8,239
72	75	60 263	7 174,103	59 349,508	8,273	7,810
73	76	57 568	6 653,683	52 175,406	7,842	7,378
74	77	54 718	6 140,091	45 521,723	7,414	6,951
75	78	51 729	5 635,679	39 381,632	6,988	6,525
76	79	48 565	5 136,806	33 745,952	6,569	6,106
77	80	45 198	4 641,447	28 609,147	6,164	5,701
78	81	41 669	4 154,418	23 967,699	5,769	5,306
79	82	37 991	3 677,396	19 813,281	5,388	4,925
80	83	34 192	3 213,304	16 135,885	5,022	4,558
81	84	30 320	2 766,360	12 922,581	4,671	4,208
82	85	26 400	2 338,563	10 156,221	4,343	3,880
83	86	22 540	1 938,467	7 817,658	4,033	3,570
84	87	18 794	1 569,273	5 879,190	3,746	3,283
85	88	15 282	1 238,862	4 309,917	3,479	3,016
86	89	12 073	950,202	3 071,055	3,232	2,769
87	90	9 233	705,524	2 120,853	3,006	2,543
88	91	6 821	506,024	1 415,329	2,797	2,334
89	92	4 842	348,723	909,306	2,608	2,144
90	93	3 295	230,383	560,583	2,433	1,970
91	94	2 138	145,121	330,200	2,275	1,812
92	95	1 304	85,949	185,079	2,153	1,690
93	96	760	48,613	99,131	2,039	1,576
94	97	420	26,071	50,517	1,938	1,474
95	98	220	13,294	24,446	1,839	1,376
96	99	109	6,408	11,152	1,740	1,277
97	100	50	2,863	4,744	1,657	1,194

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 973 669,636	29,842	29,379
1	5	99 284	96 392,623	2 874 022,799	29,816	29,353
2	6	99 250	93 552,562	2 777 630,176	29,691	29,227
3	7	99 228	90 807,586	2 684 077,614	29,558	29,095
4	8	99 210	88 147,008	2 593 270,029	29,420	28,957
5	9	99 193	85 564,396	2 505 123,021	29,278	28,814
6	10	99 177	83 059,026	2 419 558,624	29,131	28,667
7	11	99 161	80 626,691	2 336 499,598	28,979	28,516
8	12	99 145	78 265,920	2 255 872,907	28,823	28,360
9	13	99 129	75 974,129	2 177 606,988	28,662	28,199
10	14	99 113	73 749,036	2 101 632,859	28,497	28,034
11	15	99 095	71 587,986	2 027 883,823	28,327	27,864
12	16	99 073	69 487,998	1 956 295,837	28,153	27,690
13	17	99 052	67 449,271	1 886 807,838	27,974	27,511
14	18	99 028	65 468,880	1 819 358,567	27,790	27,326
15	19	98 995	63 541,400	1 753 889,687	27,602	27,139
16	20	98 961	61 669,501	1 690 348,287	27,410	26,947
17	21	98 918	59 846,797	1 628 678,786	27,214	26,751
18	22	98 872	58 077,033	1 568 831,989	27,013	26,550
19	23	98 817	56 354,100	1 510 754,955	26,808	26,345
20	24	98 755	54 678,006	1 454 400,855	26,599	26,136
21	25	98 693	53 052,518	1 399 722,849	26,384	25,920
22	26	98 631	51 474,665	1 346 670,331	26,162	25,699
23	27	98 567	49 943,143	1 295 195,666	25,933	25,470
24	28	98 500	48 455,636	1 245 252,523	25,699	25,236
25	29	98 428	47 009,838	1 196 796,887	25,458	24,995
26	30	98 355	45 606,855	1 149 787,049	25,211	24,748
27	31	98 280	44 244,379	1 104 180,193	24,956	24,493
28	32	98 196	42 919,336	1 059 935,815	24,696	24,233
29	33	98 112	41 633,341	1 017 016,479	24,428	23,965
30	34	98 021	40 383,191	975 383,138	24,153	23,690
31	35	97 926	39 169,068	934 999,947	23,871	23,408
32	36	97 819	37 986,750	895 830,879	23,583	23,119
33	37	97 705	36 837,225	857 844,129	23,287	22,824
34	38	97 590	35 722,453	821 006,904	22,983	22,520
35	39	97 455	34 633,769	785 284,451	22,674	22,211
36	40	97 310	33 575,156	750 650,681	22,357	21,894
37	41	97 158	32 546,212	717 075,526	22,033	21,569
38	42	96 993	31 544,574	684 529,314	21,700	21,237
39	43	96 811	30 568,272	652 984,740	21,362	20,898
40	44	96 618	29 618,865	622 416,468	21,014	20,551
41	45	96 398	28 690,746	592 797,604	20,662	20,198
42	46	96 163	27 787,266	564 106,858	20,301	19,838
43	47	95 898	26 903,526	536 319,593	19,935	19,472
44	48	95 604	26 039,771	509 416,066	19,563	19,100
45	49	95 279	25 195,569	483 376,296	19,185	18,722
46	50	94 912	24 367,491	458 180,726	18,803	18,340
47	51	94 518	23 559,551	433 813,236	18,413	17,950
48	52	94 075	22 766,097	410 253,684	18,020	17,557
49	53	93 583	21 987,336	387 487,587	17,623	17,160
50	54	93 033	21 221,591	365 500,251	17,223	16,760
51	55	92 427	20 469,218	344 278,660	16,819	16,356
52	56	91 765	19 730,705	323 809,441	16,411	15,948
53	57	91 029	19 002,236	304 078,736	16,002	15,539
54	58	90 213	18 283,496	285 076,500	15,592	15,129
55	59	89 315	17 574,165	266 793,004	15,181	14,718
56	60	88 337	16 875,488	249 218,839	14,768	14,305
57	61	87 260	16 184,337	232 343,351	14,356	13,893
58	62	86 118	15 507,214	216 159,014	13,939	13,476
59	63	84 872	14 837,757	200 651,800	13,523	13,060
60	64	83 533	14 178,356	185 814,043	13,105	12,642
61	65	82 092	13 527,869	171 635,687	12,688	12,224
62	66	80 539	12 885,462	158 107,818	12,270	11,807
63	67	78 868	12 250,494	145 222,355	11,854	11,391
64	68	77 082	11 624,461	132 971,861	11,439	10,976
65	69	75 206	11 011,121	121 347,400	11,020	10,557
66	70	73 223	10 408,530	110 336,279	10,601	10,137
67	71	71 148	9 819,083	99 927,750	10,177	9,714
68	72	68 935	9 236,574	90 108,667	9,756	9,292
69	73	66 671	8 673,027	80 872,093	9,325	8,861
70	74	64 285	8 118,979	72 199,066	8,893	8,429
71	75	61 769	7 574,066	64 080,087	8,460	7,997
72	76	59 114	7 037,311	56 506,021	8,029	7,566
73	77	56 311	6 508,459	49 468,711	7,601	7,137
74	78	53 380	5 989,954	42 960,252	7,172	6,709
75	79	50 276	5 477,315	36 970,298	6,750	6,286
76	80	46 966	4 967,685	31 492,982	6,340	5,876
77	81	43 462	4 463,179	26 525,297	5,943	5,480
78	82	39 833	3 971,363	22 062,118	5,555	5,092
79	83	36 079	3 492,270	18 090,755	5,180	4,717
80	84	32 206	3 026,669	14 598,484	4,823	4,360
81	85	28 282	2 580,403	11 571,815	4,484	4,021
82	86	24 361	2 157,976	8 991,412	4,167	3,703
83	87	20 536	1 766,123	6 833,436	3,869	3,406
84	88	16 892	1 410,478	5 067,313	3,593	3,129
85	89	13 527	1 096,609	3 656,835	3,335	2,871
86	90	10 492	825,803	2 560,226	3,100	2,637
87	91	7 867	601,151	1 734,422	2,885	2,422
88	92	5 680	421,348	1 133,271	2,690	2,226
89	93	3 934	283,317	711,923	2,513	2,050
90	94	2 605	182,187	428,606	2,353	1,889
91	95	1 635	110,992	246,419	2,220	1,757
92	96	979	64,545	135,427	2,098	1,635
93	97	555	35,513	70,882	1,996	1,533
94	98	303	18,848	35,369	1,877	1,413
95	99	153	9,243	16,521	1,787	1,324
96	100	73	4,290	7,278	1,697	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 967 419,879	29,782	29,319
1	6	99 277	96 385,394	2 867 782,103	29,753	29,290
2	7	99 243	93 546,403	2 771 396,709	29,626	29,163
3	8	99 223	90 803,109	2 677 850,305	29,491	29,028
4	9	99 204	88 141,551	2 587 047,196	29,351	28,888
5	10	99 186	85 558,860	2 498 905,645	29,207	28,744
6	11	99 171	83 054,105	2 413 346,786	29,058	28,594
7	12	99 153	80 620,685	2 330 292,681	28,904	28,441
8	13	99 137	78 259,728	2 249 671,996	28,746	28,283
9	14	99 121	75 967,616	2 171 412,268	28,583	28,120
10	15	99 102	73 741,297	2 095 444,652	28,416	27,953
11	16	99 082	71 579,031	2 021 703,355	28,244	27,781
12	17	99 059	69 478,194	1 950 124,324	28,068	27,605
13	18	99 037	67 439,395	1 880 646,131	27,886	27,423
14	19	99 007	65 455,548	1 813 206,735	27,701	27,238
15	20	98 976	63 529,135	1 747 751,188	27,511	27,048
16	21	98 943	61 658,082	1 684 222,053	27,316	26,852
17	22	98 901	59 836,889	1 622 563,971	27,116	26,653
18	23	98 855	58 066,983	1 562 727,082	26,912	26,449
19	24	98 796	56 341,872	1 504 660,098	26,706	26,243
20	25	98 738	54 668,735	1 448 318,226	26,493	26,029
21	26	98 675	53 042,625	1 393 649,491	26,274	25,811
22	27	98 612	51 464,649	1 340 606,866	26,049	25,586
23	28	98 546	49 932,234	1 289 142,217	25,818	25,355
24	29	98 476	48 443,551	1 239 209,982	25,580	25,117
25	30	98 403	46 997,673	1 190 766,431	25,337	24,873
26	31	98 326	45 593,313	1 143 768,758	25,086	24,623
27	32	98 248	44 230,256	1 098 175,445	24,829	24,365
28	33	98 162	42 904,441	1 053 945,189	24,565	24,102
29	34	98 077	41 618,517	1 011 040,748	24,293	23,830
30	35	97 982	40 367,397	969 422,231	24,015	23,552
31	36	97 886	39 153,303	929 054,834	23,729	23,265
32	37	97 773	37 968,940	889 901,531	23,438	22,974
33	38	97 660	36 820,272	851 932,591	23,138	22,674
34	39	97 533	35 701,532	815 112,319	22,831	22,368
35	40	97 397	34 613,138	779 410,787	22,518	22,055
36	41	97 244	33 552,368	744 797,649	22,198	21,735
37	42	97 084	32 521,383	711 245,281	21,870	21,407
38	43	96 912	31 518,398	678 723,898	21,534	21,071
39	44	96 723	30 540,762	647 205,499	21,192	20,728
40	45	96 519	29 588,652	616 664,737	20,841	20,378
41	46	96 291	28 658,843	587 076,085	20,485	20,022
42	47	96 041	27 751,983	558 417,242	20,122	19,658
43	48	95 761	26 864,959	530 665,259	19,753	19,290
44	49	95 451	25 998,118	503 800,300	19,378	18,915
45	50	95 107	25 149,929	477 802,182	18,998	18,535
46	51	94 725	24 319,471	452 652,253	18,613	18,150
47	52	94 310	23 507,513	428 332,782	18,221	17,758
48	53	93 844	22 710,199	404 825,269	17,826	17,362
49	54	93 327	21 927,242	382 115,070	17,426	16,963
50	55	92 753	21 157,722	360 187,828	17,024	16,561
51	56	92 121	20 401,396	339 030,106	16,618	16,155
52	57	91 433	19 659,302	318 628,710	16,208	15,744
53	58	90 665	18 926,374	298 969,408	15,796	15,333
54	59	89 815	18 202,856	280 043,034	15,385	14,921
55	60	88 883	17 489,282	261 840,178	14,971	14,508
56	61	87 860	16 784,512	244 350,896	14,558	14,095
57	62	86 772	16 093,784	227 566,384	14,140	13,677
58	63	85 594	15 412,982	211 472,601	13,720	13,257
59	64	84 313	14 740,059	196 059,618	13,301	12,838
60	65	82 925	14 075,033	181 319,560	12,882	12,419
61	66	81 434	13 419,482	167 244,526	12,463	12,000
62	67	79 836	12 772,902	153 825,044	12,043	11,580
63	68	78 103	12 131,733	141 052,142	11,627	11,163
64	69	76 295	11 505,720	128 920,409	11,205	10,742
65	70	74 366	10 888,102	117 414,689	10,784	10,321
66	71	72 331	10 281,717	106 526,587	10,361	9,898
67	72	70 196	9 687,602	96 244,870	9,935	9,472
68	73	67 942	9 103,482	86 557,268	9,508	9,045
69	74	65 639	8 538,744	77 453,787	9,071	8,608
70	75	63 185	7 980,076	68 915,042	8,636	8,173
71	76	60 591	7 429,647	60 934,966	8,202	7,738
72	77	57 823	6 883,714	53 505,319	7,773	7,310
73	78	54 934	6 349,315	46 621,606	7,343	6,880
74	79	51 880	5 821,635	40 272,291	6,918	6,454
75	80	48 621	5 296,984	34 450,656	6,504	6,041
76	81	45 162	4 776,886	29 153,672	6,103	5,640
77	82	41 547	4 266,520	24 376,785	5,714	5,250
78	83	37 828	3 771,439	20 110,266	5,332	4,869
79	84	33 983	3 289,433	16 338,827	4,967	4,504
80	85	30 042	2 823,214	13 049,394	4,622	4,159
81	86	26 098	2 381,141	10 226,180	4,295	3,831
82	87	22 195	1 966,116	7 845,039	3,990	3,527
83	88	18 458	1 587,409	5 878,924	3,703	3,240
84	89	14 953	1 248,520	4 291,515	3,437	2,974
85	90	11 756	953,043	3 042,995	3,193	2,730
86	91	8 940	703,637	2 089,952	2,970	2,507
87	92	6 551	500,557	1 386,315	2,770	2,306
88	93	4 614	342,321	885,758	2,588	2,124
89	94	3 111	224,048	543,437	2,426	1,962
90	95	1 993	139,342	319,389	2,292	1,829
91	96	1 228	83,352	180,048	2,160	1,697
92	97	715	47,151	96,696	2,051	1,588
93	98	401	25,674	49,546	1,930	1,467
94	99	211	13,105	23,872	1,822	1,358
95	100	103	6,188	10,767	1,740	1,277

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 960 745,352	29,717	29,254
1	7	99 270	96 379,049	2 861 115,048	29,686	29,223
2	8	99 238	93 541,792	2 764 735,998	29,556	29,093
3	9	99 217	90 797,487	2 671 194,206	29,419	28,956
4	10	99 198	88 135,848	2 580 396,719	29,277	28,814
5	11	99 180	85 553,790	2 492 260,871	29,131	28,668
6	12	99 164	83 047,918	2 406 707,081	28,980	28,517
7	13	99 145	80 614,307	2 323 659,163	28,824	28,361
8	14	99 129	78 253,019	2 243 044,856	28,664	28,201
9	15	99 110	75 959,644	2 164 791,836	28,499	28,036
10	16	99 090	73 732,072	2 088 832,192	28,330	27,867
11	17	99 068	71 568,931	2 015 100,120	28,156	27,693
12	18	99 045	69 468,021	1 943 531,190	27,977	27,514
13	19	99 017	67 425,662	1 874 063,169	27,795	27,331
14	20	98 988	65 442,913	1 806 637,507	27,606	27,143
15	21	98 958	63 517,371	1 741 194,594	27,413	26,950
16	22	98 927	61 647,874	1 677 677,223	27,214	26,751
17	23	98 884	59 826,535	1 616 029,348	27,012	26,549
18	24	98 834	58 054,384	1 556 202,814	26,806	26,343
19	25	98 779	56 332,319	1 498 148,430	26,595	26,132
20	26	98 719	54 658,541	1 441 816,112	26,379	25,915
21	27	98 656	53 032,305	1 387 157,571	26,157	25,694
22	28	98 590	51 453,408	1 334 125,266	25,929	25,466
23	29	98 521	49 919,782	1 282 671,858	25,695	25,231
24	30	98 450	48 431,015	1 232 752,077	25,454	24,991
25	31	98 373	46 983,718	1 184 321,062	25,207	24,744
26	32	98 295	45 578,760	1 137 337,344	24,953	24,490
27	33	98 214	44 214,906	1 091 758,584	24,692	24,229
28	34	98 127	42 889,165	1 047 543,678	24,424	23,961
29	35	98 038	41 602,240	1 004 654,513	24,149	23,686
30	36	97 943	40 351,149	963 052,273	23,867	23,404
31	37	97 841	39 134,947	922 701,124	23,577	23,114
32	38	97 728	37 951,466	883 566,177	23,281	22,818
33	39	97 603	36 798,707	845 614,712	22,979	22,516
34	40	97 475	35 680,265	808 816,004	22,668	22,205
35	41	97 331	34 589,646	773 135,740	22,352	21,888
36	42	97 170	33 526,772	738 546,093	22,029	21,565
37	43	97 003	32 494,397	705 019,321	21,697	21,233
38	44	96 825	31 490,034	672 524,924	21,357	20,894
39	45	96 625	30 509,609	641 034,890	21,011	20,548
40	46	96 412	29 555,751	610 525,281	20,657	20,194
41	47	96 169	28 622,454	580 969,530	20,298	19,834
42	48	95 903	27 712,200	552 347,076	19,932	19,468
43	49	95 607	26 821,986	524 634,877	19,560	19,097
44	50	95 278	25 951,024	497 812,890	19,183	18,720
45	51	94 919	25 100,367	471 861,867	18,799	18,336
46	52	94 516	24 265,754	446 761,500	18,411	17,948
47	53	94 078	23 449,795	422 495,746	18,017	17,554
48	54	93 588	22 648,129	399 045,950	17,619	17,156
49	55	93 046	21 861,249	376 397,821	17,218	16,754
50	56	92 446	21 087,618	354 536,572	16,813	16,349
51	57	91 788	20 327,565	333 448,954	16,404	15,941
52	58	91 068	19 580,817	313 121,389	15,991	15,528
53	59	90 265	18 842,898	293 540,572	15,578	15,115
54	60	89 381	18 114,936	274 697,674	15,164	14,701
55	61	88 404	17 394,997	256 582,738	14,750	14,287
56	62	87 369	16 690,601	239 187,741	14,331	13,867
57	63	86 245	15 995,988	222 497,140	13,910	13,446
58	64	85 031	15 311,497	206 501,153	13,487	13,023
59	65	83 699	14 632,643	191 189,656	13,066	12,603
60	66	82 260	13 962,262	176 557,013	12,645	12,182
61	67	80 723	13 302,257	162 594,751	12,223	11,760
62	68	79 062	12 649,077	149 292,494	11,803	11,339
63	69	77 305	12 007,810	136 643,417	11,380	10,916
64	70	75 443	11 377,176	124 635,608	10,955	10,492
65	71	73 460	10 755,447	113 258,432	10,530	10,067
66	72	71 362	10 144,041	102 502,985	10,105	9,642
67	73	69 184	9 548,010	92 358,944	9,673	9,210
68	74	66 890	8 962,535	82 810,934	9,240	8,776
69	75	64 516	8 392,660	73 848,399	8,799	8,336
70	76	61 980	7 827,915	65 455,739	8,362	7,899
71	77	59 269	7 267,487	57 627,824	7,930	7,466
72	78	56 409	6 715,394	50 360,337	7,499	7,036
73	79	53 391	6 170,898	43 644,943	7,073	6,609
74	80	50 172	5 629,968	37 474,045	6,656	6,193
75	81	46 753	5 093,538	31 844,077	6,252	5,789
76	82	43 172	4 566,404	26 750,540	5,858	5,395
77	83	39 455	4 051,736	22 184,135	5,475	5,012
78	84	35 631	3 552,387	18 132,399	5,104	4,641
79	85	31 699	3 068,314	14 580,012	4,752	4,289
80	86	27 722	2 605,201	11 511,698	4,419	3,956
81	87	23 777	2 169,439	8 906,497	4,105	3,642
82	88	19 949	1 767,164	6 737,058	3,812	3,349
83	89	16 338	1 405,134	4 969,894	3,537	3,074
84	90	12 995	1 085,066	3 564,759	3,285	2,822
85	91	10 017	812,053	2 479,693	3,054	2,590
86	92	7 444	585,894	1 667,640	2,846	2,383
87	93	5 322	406,674	1 081,747	2,660	2,197
88	94	3 649	270,708	675,073	2,494	2,031
89	95	2 379	171,358	404,365	2,360	1,897
90	96	1 496	104,641	233,007	2,227	1,764
91	97	897	60,890	128,366	2,108	1,645
92	98	517	34,087	67,477	1,980	1,516
93	99	279	17,850	33,390	1,871	1,407
94	100	141	8,773	15,539	1,771	1,308

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 953 630,786	29,648	29,185
1	8	99 266	96 374,298	2 854 007,040	29,614	29,151
2	9	99 232	93 536,001	2 757 632,742	29,482	29,019
3	10	99 210	90 791,612	2 664 096,741	29,343	28,880
4	11	99 192	88 130,625	2 573 305,129	29,199	28,736
5	12	99 173	85 547,418	2 485 174,504	29,050	28,587
6	13	99 156	83 041,348	2 399 627,086	28,897	28,434
7	14	99 137	80 607,397	2 316 585,738	28,739	28,276
8	15	99 118	78 244,808	2 235 978,341	28,577	28,113
9	16	99 098	75 950,142	2 157 733,534	28,410	27,947
10	17	99 076	73 721,668	2 081 783,392	28,238	27,775
11	18	99 054	71 558,452	2 008 061,724	28,062	27,599
12	19	99 025	69 453,874	1 936 503,272	27,882	27,419
13	20	98 998	67 412,647	1 867 049,398	27,696	27,233
14	21	98 970	65 430,795	1 799 636,751	27,504	27,041
15	22	98 942	63 506,856	1 734 205,956	27,307	26,844
16	23	98 910	61 637,206	1 670 699,100	27,105	26,642
17	24	98 863	59 813,553	1 609 061,894	26,901	26,438
18	25	98 817	58 044,539	1 549 248,341	26,691	26,227
19	26	98 761	56 321,815	1 491 203,802	26,476	26,013
20	27	98 700	54 647,906	1 434 881,987	26,257	25,794
21	28	98 634	53 020,721	1 380 234,081	26,032	25,569
22	29	98 565	51 440,576	1 327 213,360	25,801	25,338
23	30	98 496	49 906,863	1 275 772,784	25,563	25,100
24	31	98 421	48 416,634	1 225 865,921	25,319	24,856
25	32	98 342	46 968,721	1 177 449,287	25,069	24,606
26	33	98 261	45 562,942	1 130 480,566	24,811	24,348
27	34	98 179	44 199,163	1 084 917,624	24,546	24,083
28	35	98 089	42 872,390	1 040 718,460	24,275	23,812
29	36	97 999	41 585,496	997 846,070	23,995	23,532
30	37	97 897	40 332,231	956 260,575	23,710	23,246
31	38	97 795	39 116,936	915 928,344	23,415	22,952
32	39	97 671	37 929,239	876 811,408	23,117	22,654
33	40	97 544	36 776,786	838 882,169	22,810	22,347
34	41	97 409	35 656,048	802 105,383	22,496	22,032
35	42	97 256	34 563,259	766 449,334	22,175	21,712
36	43	97 089	33 498,952	731 886,075	21,848	21,385
37	44	96 916	32 465,154	698 387,124	21,512	21,049
38	45	96 726	31 457,913	665 921,970	21,169	20,705
39	46	96 517	30 475,684	634 464,057	20,819	20,355
40	47	96 290	29 518,223	603 988,373	20,462	19,998
41	48	96 031	28 581,422	574 470,150	20,099	19,636
42	49	95 750	27 667,872	545 888,728	19,730	19,267
43	50	95 434	26 773,400	518 220,856	19,356	18,893
44	51	95 090	25 899,883	491 447,456	18,975	18,512
45	52	94 710	25 044,926	465 547,573	18,588	18,125
46	53	94 284	24 206,175	440 502,648	18,198	17,735
47	54	93 821	23 385,704	416 296,473	17,801	17,338
48	55	93 306	22 579,967	392 910,769	17,401	16,938
49	56	92 738	21 788,814	370 330,803	16,996	16,533
50	57	92 112	21 011,305	348 541,989	16,588	16,125
51	58	91 421	20 246,412	327 530,684	16,177	15,714
52	59	90 666	19 494,454	307 284,272	15,763	15,299
53	60	89 829	18 751,887	287 789,818	15,347	14,884
54	61	88 899	18 017,278	269 037,931	14,932	14,469
55	62	87 909	17 297,670	251 020,653	14,512	14,049
56	63	86 838	16 589,178	233 722,983	14,089	13,626
57	64	85 677	15 890,664	217 133,805	13,664	13,201
58	65	84 411	15 199,917	201 243,141	13,240	12,777
59	66	83 028	14 515,404	186 043,225	12,817	12,354
60	67	81 542	13 840,296	171 527,821	12,393	11,930
61	68	79 940	13 173,300	157 687,525	11,970	11,507
62	69	78 254	12 519,869	144 514,226	11,543	11,080
63	70	76 442	11 873,656	131 994,357	11,117	10,653
64	71	74 523	11 238,562	120 120,701	10,688	10,225
65	72	72 476	10 611,427	108 882,139	10,261	9,798
66	73	70 334	9 997,872	98 270,711	9,829	9,366
67	74	68 113	9 400,180	88 272,839	9,391	8,927
68	75	65 746	8 809,200	78 872,659	8,953	8,490
69	76	63 286	8 232,633	70 063,459	8,510	8,047
70	77	60 627	7 657,063	61 830,826	8,075	7,612
71	78	57 820	7 089,783	54 173,763	7,641	7,178
72	79	54 824	6 526,690	47 083,980	7,214	6,751
73	80	51 633	5 967,731	40 557,290	6,796	6,333
74	81	48 245	5 413,732	34 589,559	6,389	5,926
75	82	44 693	4 869,103	29 175,827	5,992	5,529
76	83	40 999	4 336,525	24 306,724	5,605	5,142
77	84	37 164	3 816,404	19 970,199	5,233	4,770
78	85	33 236	3 313,592	16 153,795	4,875	4,412
79	86	29 251	2 831,375	12 840,203	4,535	4,072
80	87	25 257	2 373,579	10 008,829	4,217	3,754
81	88	21 371	1 949,914	7 635,250	3,916	3,452
82	89	17 659	1 564,250	5 685,336	3,635	3,171
83	90	14 199	1 221,177	4 121,087	3,375	2,911
84	91	11 073	924,545	2 899,910	3,137	2,673
85	92	8 341	676,168	1 975,365	2,921	2,458
86	93	6 048	476,004	1 299,197	2,729	2,266
87	94	4 209	321,598	823,193	2,560	2,096
88	95	2 791	207,045	501,595	2,423	1,959
89	96	1 787	128,684	294,550	2,289	1,826
90	97	1 093	76,442	165,866	2,170	1,707
91	98	648	44,020	89,424	2,031	1,568
92	99	360	23,700	45,404	1,916	1,453
93	100	187	11,950	21,704	1,816	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 946 062,546	29,573	29,110
1	9	99 259	96 368,332	2 846 443,712	29,537	29,074
2	10	99 226	93 529,948	2 750 075,380	29,403	28,940
3	11	99 205	90 786,232	2 656 545,432	29,262	28,798
4	12	99 184	88 124,061	2 565 759,199	29,115	28,652
5	13	99 165	85 540,650	2 477 635,138	28,964	28,501
6	14	99 147	83 034,230	2 392 094,489	28,809	28,345
7	15	99 127	80 598,938	2 309 060,259	28,649	28,186
8	16	99 106	78 235,019	2 228 461,321	28,484	28,021
9	17	99 084	75 939,425	2 150 226,302	28,315	27,852
10	18	99 061	73 710,874	2 074 286,877	28,141	27,678
11	19	99 033	71 543,879	2 000 576,003	27,963	27,500
12	20	99 006	69 440,468	1 929 032,123	27,780	27,316
13	21	98 979	67 400,164	1 859 591,656	27,590	27,127
14	22	98 954	65 419,963	1 792 191,491	27,395	26,932
15	23	98 924	63 495,866	1 726 771,529	27,195	26,732
16	24	98 888	61 623,832	1 663 275,663	26,991	26,528
17	25	98 846	59 803,411	1 601 651,831	26,782	26,319
18	26	98 799	58 033,716	1 541 848,420	26,568	26,105
19	27	98 741	56 310,856	1 483 814,704	26,350	25,887
20	28	98 679	54 635,969	1 427 503,848	26,128	25,664
21	29	98 610	53 007,498	1 372 867,879	25,900	25,436
22	30	98 540	51 427,264	1 319 860,381	25,665	25,201
23	31	98 466	49 892,044	1 268 433,117	25,424	24,960
24	32	98 390	48 401,180	1 218 541,073	25,176	24,713
25	33	98 308	46 952,421	1 170 139,893	24,922	24,459
26	34	98 226	45 546,719	1 123 187,472	24,660	24,197
27	35	98 141	44 181,876	1 077 640,753	24,391	23,928
28	36	98 049	42 855,135	1 033 458,876	24,115	23,652
29	37	97 953	41 565,998	990 603,742	23,832	23,369
30	38	97 852	40 313,669	949 037,743	23,541	23,078
31	39	97 738	39 094,026	908 724,074	23,245	22,781
32	40	97 613	37 906,645	869 630,048	22,941	22,478
33	41	97 478	36 751,826	831 723,403	22,631	22,168
34	42	97 335	35 628,848	794 971,577	22,313	21,849
35	43	97 176	34 534,578	759 342,729	21,988	21,525
36	44	97 002	33 468,805	724 808,151	21,656	21,193
37	45	96 817	32 432,038	691 339,347	21,317	20,853
38	46	96 619	31 422,933	658 907,308	20,969	20,506
39	47	96 395	30 436,988	627 484,375	20,616	20,153
40	48	96 152	29 475,907	597 047,387	20,255	19,792
41	49	95 877	28 535,704	567 571,480	19,890	19,427
42	50	95 577	27 617,753	539 035,776	19,518	19,055
43	51	95 246	26 720,638	511 418,023	19,139	18,676
44	52	94 880	25 842,676	484 697,385	18,756	18,292
45	53	94 477	24 983,433	458 854,709	18,366	17,903
46	54	94 026	24 140,016	433 871,276	17,973	17,510
47	55	93 539	23 315,321	409 731,260	17,573	17,110
48	56	92 997	22 505,150	386 415,939	17,170	16,707
49	57	92 402	21 709,963	363 910,789	16,762	16,299
50	58	91 744	20 927,422	342 200,826	16,352	15,889
51	59	91 018	20 157,114	321 273,404	15,938	15,475
52	60	90 229	19 400,296	301 116,290	15,521	15,058
53	61	89 345	18 650,795	281 715,994	15,105	14,642
54	62	88 402	17 916,469	263 065,199	14,683	14,220
55	63	87 375	17 192,558	245 148,730	14,259	13,796
56	64	86 266	16 479,948	227 956,171	13,832	13,369
57	65	85 053	15 774,863	211 476,223	13,406	12,943
58	66	83 735	15 078,132	195 701,361	12,979	12,516
59	67	82 303	14 388,605	180 623,228	12,553	12,090
60	68	80 751	13 706,122	166 234,623	12,128	11,665
61	69	79 124	13 038,737	152 528,500	11,698	11,235
62	70	77 380	12 379,995	139 489,763	11,267	10,804
63	71	75 510	11 728,993	127 109,769	10,837	10,374
64	72	73 526	11 088,073	115 380,775	10,406	9,943
65	73	71 432	10 458,524	104 292,702	9,972	9,509
66	74	69 245	9 843,078	93 834,178	9,533	9,070
67	75	66 948	9 239,358	83 991,100	9,091	8,627
68	76	64 492	8 641,230	74 751,742	8,651	8,187
69	77	61 905	8 052,947	66 110,512	8,209	7,746
70	78	59 145	7 469,833	58 057,565	7,772	7,309
71	79	56 195	6 890,559	50 587,732	7,342	6,878
72	80	53 019	6 311,810	43 697,174	6,923	6,460
73	81	49 650	5 738,523	37 385,364	6,515	6,052
74	82	46 119	5 175,189	31 646,841	6,115	5,652
75	83	42 443	4 623,985	26 471,652	5,725	5,262
76	84	38 617	4 084,651	21 847,667	5,349	4,885
77	85	34 666	3 559,862	17 763,016	4,990	4,527
78	86	30 669	3 057,712	14 203,154	4,645	4,182
79	87	26 650	2 579,644	11 145,442	4,321	3,857
80	88	22 701	2 133,396	8 565,799	4,015	3,552
81	89	18 917	1 726,015	6 432,402	3,727	3,264
82	90	15 347	1 359,461	4 706,388	3,462	2,999
83	91	12 099	1 040,520	3 346,927	3,217	2,753
84	92	9 220	769,836	2 306,407	2,996	2,533
85	93	6 777	549,347	1 536,571	2,797	2,334
86	94	4 783	376,425	987,224	2,623	2,159
87	95	3 219	245,967	610,799	2,483	2,020
88	96	2 096	155,484	364,832	2,346	1,883
89	97	1 305	94,006	209,348	2,227	1,764
90	98	790	55,263	115,343	2,087	1,624
91	99	451	30,606	60,080	1,963	1,500
92	100	241	15,866	29,474	1,858	1,394

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 938 027,114	29,495	29,031
1	10	99 253	96 362,096	2 838 414,447	29,456	28,992
2	11	99 220	93 524,406	2 742 052,351	29,319	28,856
3	12	99 197	90 779,470	2 648 527,944	29,175	28,712
4	13	99 177	88 117,089	2 557 748,474	29,027	28,563
5	14	99 157	85 533,317	2 469 631,385	28,873	28,410
6	15	99 137	83 025,517	2 384 098,068	28,715	28,252
7	16	99 114	80 588,855	2 301 072,552	28,553	28,090
8	17	99 092	78 223,980	2 220 483,696	28,386	27,923
9	18	99 069	75 928,306	2 142 259,716	28,214	27,751
10	19	99 041	73 695,863	2 066 331,410	28,039	27,575
11	20	99 014	71 530,070	1 992 635,547	27,857	27,394
12	21	98 987	69 427,610	1 921 105,477	27,671	27,207
13	22	98 963	67 389,006	1 851 677,868	27,477	27,014
14	23	98 936	65 408,642	1 784 288,862	27,279	26,816
15	24	98 903	63 482,088	1 718 880,220	27,077	26,613
16	25	98 871	61 613,382	1 655 398,132	26,868	26,404
17	26	98 827	59 792,260	1 593 784,749	26,655	26,192
18	27	98 779	58 022,425	1 533 992,490	26,438	25,975
19	28	98 720	56 298,556	1 475 970,065	26,217	25,754
20	29	98 654	54 622,343	1 419 671,509	25,991	25,527
21	30	98 584	52 993,781	1 365 049,166	25,759	25,295
22	31	98 511	51 411,993	1 312 055,385	25,520	25,057
23	32	98 435	49 876,119	1 260 643,392	25,275	24,812
24	33	98 355	48 384,382	1 210 767,273	25,024	24,561
25	34	98 273	46 935,703	1 162 382,890	24,765	24,302
26	35	98 187	45 528,905	1 115 447,187	24,500	24,037
27	36	98 101	44 164,094	1 069 918,282	24,226	23,763
28	37	98 003	42 835,042	1 025 754,188	23,947	23,483
29	38	97 908	41 546,869	982 919,146	23,658	23,195
30	39	97 795	40 290,059	941 372,277	23,365	22,902
31	40	97 680	39 070,738	901 082,218	23,063	22,600
32	41	97 546	37 880,917	862 011,480	22,756	22,293
33	42	97 404	36 723,789	824 130,563	22,441	21,978
34	43	97 254	35 599,283	787 406,773	22,119	21,655
35	44	97 088	34 503,499	751 807,490	21,789	21,326
36	45	96 903	33 434,665	717 303,991	21,454	20,991
37	46	96 709	32 395,975	683 869,326	21,110	20,646
38	47	96 496	31 383,034	651 473,351	20,759	20,296
39	48	96 257	30 393,356	620 090,316	20,402	19,939
40	49	95 998	29 428,758	589 696,961	20,038	19,575
41	50	95 703	28 484,013	560 268,202	19,670	19,206
42	51	95 388	27 563,328	531 784,189	19,293	18,830
43	52	95 036	26 661,618	504 220,862	18,912	18,449
44	53	94 647	25 779,224	477 559,244	18,525	18,062
45	54	94 219	24 915,150	451 780,019	18,133	17,670
46	55	93 743	24 067,363	426 864,870	17,736	17,273
47	56	93 229	23 238,069	402 797,507	17,334	16,870
48	57	92 660	22 423,707	379 559,438	16,927	16,463
49	58	92 033	21 623,290	357 135,731	16,516	16,053
50	59	91 339	20 835,120	335 512,441	16,103	15,640
51	60	90 578	20 059,755	314 677,321	15,687	15,224
52	61	89 742	19 295,709	294 617,566	15,269	14,805
53	62	88 845	18 546,442	275 321,857	14,845	14,382
54	63	87 865	17 807,598	256 775,415	14,419	13,956
55	64	86 800	17 079,355	238 967,818	13,992	13,528
56	65	85 637	16 359,853	221 888,462	13,563	13,100
57	66	84 371	15 648,472	205 528,609	13,134	12,671
58	67	83 003	14 946,419	189 880,137	12,704	12,241
59	68	81 505	14 249,116	174 933,719	12,277	11,814
60	69	79 926	13 566,117	160 684,602	11,845	11,381
61	70	78 240	12 893,066	147 118,485	11,411	10,947
62	71	76 437	12 229,163	134 225,419	10,976	10,513
63	72	74 499	11 571,938	121 996,257	10,542	10,079
64	73	72 466	10 928,302	110 424,319	10,104	9,641
65	74	70 326	10 296,597	99 496,017	9,663	9,200
66	75	68 060	9 674,678	89 199,420	9,220	8,757
67	76	65 671	9 063,186	79 524,742	8,774	8,311
68	77	63 085	8 452,626	70 461,555	8,336	7,873
69	78	60 391	7 856,037	62 008,929	7,893	7,430
70	79	57 483	7 259,929	54 152,892	7,459	6,996
71	80	54 345	6 663,699	46 892,963	7,037	6,574
72	81	50 983	6 069,386	40 229,264	6,628	6,165
73	82	47 462	5 485,669	34 159,879	6,227	5,764
74	83	43 797	4 914,662	28 674,210	5,834	5,371
75	84	39 978	4 355,415	23 759,548	5,455	4,992
76	85	36 022	3 810,077	19 404,133	5,093	4,630
77	86	31 989	3 284,964	15 594,056	4,747	4,284
78	87	27 942	2 785,858	12 309,091	4,418	3,955
79	88	23 953	2 318,609	9 523,233	4,107	3,644
80	89	20 095	1 888,429	7 204,624	3,815	3,352
81	90	16 441	1 500,048	5 316,195	3,544	3,081
82	91	13 076	1 158,346	3 816,147	3,294	2,831
83	92	10 074	866,404	2 657,801	3,068	2,604
84	93	7 491	625,447	1 791,396	2,864	2,401
85	94	5 359	434,425	1 165,949	2,684	2,221
86	95	3 658	287,900	731,525	2,541	2,078
87	96	2 417	184,713	443,625	2,402	1,938
88	97	1 531	113,583	258,912	2,279	1,816
89	98	944	67,961	145,329	2,138	1,675
90	99	549	38,423	77,368	2,014	1,550
91	100	302	20,490	38,945	1,901	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 929 514,716	29,411	28,948
1	11	99 247	96 356,386	2 829 908,495	29,369	28,906
2	12	99 213	93 517,440	2 733 552,109	29,230	28,767
3	13	99 189	90 772,288	2 640 034,668	29,084	28,621
4	14	99 168	88 109,536	2 549 262,380	28,933	28,470
5	15	99 146	85 524,341	2 461 152,844	28,777	28,314
6	16	99 124	83 015,130	2 375 628,503	28,617	28,154
7	17	99 100	80 577,484	2 292 613,373	28,452	27,989
8	18	99 077	78 212,527	2 212 035,889	28,282	27,819
9	19	99 049	75 912,844	2 133 823,363	28,109	27,646
10	20	99 022	73 681,638	2 057 910,519	27,930	27,467
11	21	98 996	71 516,824	1 984 228,880	27,745	27,282
12	22	98 971	69 416,115	1 912 712,056	27,554	27,091
13	23	98 946	67 377,344	1 843 295,941	27,358	26,895
14	24	98 915	65 394,449	1 775 918,596	27,157	26,694
15	25	98 886	63 471,324	1 710 524,147	26,950	26,486
16	26	98 853	61 601,894	1 647 052,823	26,737	26,274
17	27	98 808	59 780,626	1 585 450,930	26,521	26,058
18	28	98 758	58 009,751	1 525 670,304	26,300	25,837
19	29	98 695	56 284,516	1 467 660,553	26,076	25,613
20	30	98 628	54 608,208	1 411 376,037	25,845	25,382
21	31	98 555	52 978,045	1 356 767,829	25,610	25,147
22	32	98 479	51 395,583	1 303 789,784	25,368	24,905
23	33	98 401	49 858,810	1 252 394,201	25,119	24,656
24	34	98 320	48 367,155	1 202 535,392	24,863	24,399
25	35	98 235	46 917,346	1 154 168,236	24,600	24,137
26	36	98 148	45 510,581	1 107 250,890	24,330	23,866
27	37	98 055	44 143,388	1 061 740,310	24,052	23,589
28	38	97 958	42 815,328	1 017 596,922	23,767	23,304
29	39	97 851	41 522,536	974 781,593	23,476	23,013
30	40	97 736	40 266,058	933 259,057	23,177	22,714
31	41	97 614	39 044,221	892 992,999	22,871	22,408
32	42	97 472	37 852,020	853 948,778	22,560	22,097
33	43	97 323	36 693,316	816 096,759	22,241	21,778
34	44	97 166	35 567,246	779 403,443	21,914	21,450
35	45	96 989	34 468,304	743 836,197	21,580	21,117
36	46	96 795	33 397,487	709 367,893	21,240	20,777
37	47	96 587	32 354,841	675 970,406	20,892	20,429
38	48	96 358	31 338,045	643 615,565	20,538	20,075
39	49	96 103	30 344,739	612 277,519	20,177	19,714
40	50	95 824	29 375,450	581 932,780	19,810	19,347
41	51	95 515	28 427,881	552 557,330	19,437	18,974
42	52	95 178	27 502,446	524 129,450	19,058	18,594
43	53	94 802	26 596,156	496 627,004	18,673	18,210
44	54	94 389	25 708,766	470 030,848	18,283	17,820
45	55	93 935	24 840,164	444 322,082	17,887	17,424
46	56	93 433	23 987,618	419 481,918	17,487	17,024
47	57	92 891	23 153,973	395 494,299	17,081	16,618
48	58	92 290	22 334,185	372 340,327	16,671	16,208
49	59	91 628	21 527,920	350 006,142	16,258	15,795
50	60	90 898	20 734,486	328 478,222	15,842	15,379
51	61	90 090	19 951,613	307 743,735	15,425	14,961
52	62	89 240	19 187,747	287 792,123	14,999	14,536
53	63	88 305	18 433,742	268 604,376	14,571	14,108
54	64	87 286	17 690,345	250 170,634	14,142	13,678
55	65	86 167	16 954,892	232 480,289	13,712	13,248
56	66	84 951	16 228,775	215 525,397	13,280	12,817
57	67	83 634	15 511,776	199 296,622	12,848	12,385
58	68	82 199	14 801,522	183 784,846	12,417	11,953
59	69	80 672	14 103,565	168 983,324	11,982	11,518
60	70	79 033	13 414,554	154 879,759	11,546	11,082
61	71	77 286	12 735,983	141 465,205	11,108	10,644
62	72	75 414	12 065,410	128 729,222	10,669	10,206
63	73	73 426	11 405,194	116 663,812	10,229	9,766
64	74	71 344	10 759,101	105 258,618	9,783	9,320
65	75	69 122	10 120,439	94 499,517	9,337	8,874
66	76	66 762	9 490,206	84 379,078	8,891	8,428
67	77	64 238	8 865,373	74 888,872	8,447	7,984
68	78	61 542	8 245,943	66 023,500	8,007	7,544
69	79	58 694	7 635,281	57 777,556	7,567	7,104
70	80	55 590	7 020,908	50 142,276	7,142	6,679
71	81	52 258	6 407,760	43 121,367	6,730	6,266
72	82	48 737	5 801,953	36 713,608	6,328	5,865
73	83	45 073	5 209,512	30 911,655	5,934	5,470
74	84	41 254	4 629,209	25 702,143	5,552	5,089
75	85	37 291	4 062,640	21 072,934	5,187	4,724
76	86	33 240	3 515,858	17 010,294	4,838	4,375
77	87	29 145	2 992,906	13 494,436	4,509	4,046
78	88	25 115	2 503,957	10 501,530	4,194	3,731
79	89	21 203	2 052,375	7 997,574	3,897	3,434
80	90	17 464	1 641,199	5 945,199	3,622	3,159
81	91	14 009	1 278,136	4 303,999	3,367	2,904
82	92	10 888	964,515	3 025,864	3,137	2,674
83	93	8 185	703,903	2 061,349	2,928	2,465
84	94	5 924	494,604	1 357,446	2,745	2,281
85	95	4 099	332,260	862,842	2,597	2,134
86	96	2 747	216,203	530,582	2,454	1,991
87	97	1 766	134,936	314,378	2,330	1,867
88	98	1 107	82,114	179,443	2,185	1,722
89	99	656	47,251	97,329	2,060	1,597
90	100	368	25,723	50,078	1,947	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 920 515,282	29,322	28,859
1	12	99 240	96 349,209	2 820 914,963	29,278	28,815
2	13	99 205	93 510,042	2 724 565,754	29,137	28,673
3	14	99 181	90 764,507	2 631 055,712	28,988	28,524
4	15	99 158	88 100,290	2 540 291,205	28,834	28,371
5	16	99 134	85 513,642	2 452 190,915	28,676	28,213
6	17	99 110	83 003,416	2 366 677,273	28,513	28,050
7	18	99 086	80 565,686	2 283 673,856	28,345	27,882
8	19	99 057	78 196,599	2 203 108,171	28,174	27,711
9	20	99 030	75 898,191	2 124 911,571	27,997	27,534
10	21	99 004	73 667,995	2 049 013,380	27,814	27,351
11	22	98 980	71 504,984	1 975 345,386	27,625	27,162
12	23	98 954	69 404,103	1 903 840,401	27,431	26,968
13	24	98 924	67 362,725	1 834 436,298	27,232	26,769
14	25	98 898	65 383,360	1 767 073,574	27,026	26,563
15	26	98 868	63 459,489	1 701 690,213	26,815	26,352
16	27	98 834	61 589,908	1 638 230,725	26,599	26,136
17	28	98 787	59 767,568	1 576 640,817	26,380	25,916
18	29	98 733	57 995,284	1 516 873,249	26,155	25,692
19	30	98 670	56 269,950	1 458 877,965	25,926	25,463
20	31	98 599	54 591,993	1 402 608,015	25,693	25,229
21	32	98 523	52 961,135	1 348 016,022	25,453	24,990
22	33	98 445	51 377,746	1 295 054,887	25,207	24,743
23	34	98 366	49 841,058	1 243 677,141	24,953	24,490
24	35	98 282	48 348,238	1 193 836,084	24,692	24,229
25	36	98 195	46 898,463	1 145 487,845	24,425	23,962
26	37	98 102	45 489,243	1 098 589,383	24,151	23,687
27	38	98 010	44 123,072	1 053 100,139	23,867	23,404
28	39	97 901	42 790,253	1 008 977,068	23,580	23,116
29	40	97 792	41 497,801	966 186,814	23,283	22,820
30	41	97 670	40 238,730	924 689,013	22,980	22,517
31	42	97 539	39 014,435	884 450,284	22,670	22,207
32	43	97 391	37 820,610	845 435,848	22,354	21,891
33	44	97 235	36 660,294	807 615,239	22,030	21,566
34	45	97 067	35 530,966	770 954,944	21,698	21,235
35	46	96 881	34 429,977	735 423,979	21,360	20,897
36	47	96 672	33 355,082	700 994,002	21,016	20,553
37	48	96 448	32 308,459	667 638,920	20,665	20,201
38	49	96 204	31 287,918	635 330,461	20,306	19,843
39	50	95 929	30 289,771	604 042,543	19,942	19,479
40	51	95 635	29 317,561	573 752,772	19,570	19,107
41	52	95 304	28 365,090	544 435,212	19,194	18,731
42	53	94 944	27 434,919	516 070,122	18,811	18,347
43	54	94 543	26 523,465	488 635,203	18,423	17,960
44	55	94 104	25 631,392	462 111,738	18,029	17,566
45	56	93 624	24 757,859	436 480,346	17,630	17,167
46	57	93 095	23 900,810	411 722,487	17,226	16,763
47	58	92 520	23 061,536	387 821,677	16,817	16,354
48	59	91 883	22 235,679	364 760,141	16,404	15,941
49	60	91 185	21 423,940	342 524,462	15,988	15,525
50	61	90 408	20 622,706	321 100,523	15,570	15,107
51	62	89 586	19 839,981	300 477,816	15,145	14,682
52	63	88 698	19 071,150	280 637,835	14,715	14,252
53	64	87 724	18 312,366	261 566,685	14,284	13,820
54	65	86 650	17 561,429	243 254,318	13,852	13,388
55	66	85 477	16 819,047	225 692,889	13,419	12,956
56	67	84 209	16 087,010	208 873,842	12,984	12,521
57	68	82 823	15 361,399	192 786,832	12,550	12,087
58	69	81 359	14 650,328	177 425,434	12,111	11,647
59	70	79 771	13 945,997	162 775,106	11,672	11,209
60	71	78 070	13 251,117	148 829,109	11,231	10,768
61	72	76 252	12 565,444	135 577,992	10,790	10,327
62	73	74 327	11 891,555	123 012,548	10,345	9,881
63	74	72 289	11 228,610	111 120,993	9,896	9,433
64	75	70 124	10 575,030	99 892,383	9,446	8,983
65	76	67 804	9 927,467	89 317,353	8,997	8,534
66	77	65 305	9 283,072	79 389,886	8,552	8,089
67	78	62 667	8 648,598	70 106,814	8,106	7,643
68	79	59 813	8 014,230	61 458,216	7,669	7,205
69	80	56 762	7 383,902	53 443,986	7,238	6,775
70	81	53 455	6 751,249	46 060,084	6,822	6,359
71	82	49 955	6 125,417	39 308,834	6,417	5,954
72	83	46 283	5 509,874	33 183,417	6,023	5,559
73	84	42 455	4 906,933	27 673,544	5,640	5,176
74	85	38 480	4 318,029	22 766,610	5,272	4,809
75	86	34 411	3 748,918	18 448,581	4,921	4,458
76	87	30 285	3 203,271	14 699,663	4,589	4,126
77	88	26 196	2 690,054	11 496,392	4,274	3,810
78	89	22 231	2 216,440	8 806,339	3,973	3,510
79	90	18 427	1 783,682	6 589,899	3,695	3,231
80	91	14 880	1 398,405	4 806,217	3,437	2,974
81	92	11 664	1 064,259	3 407,811	3,202	2,739
82	93	8 846	783,612	2 343,553	2,991	2,527
83	94	6 472	556,648	1 559,941	2,802	2,339
84	95	4 531	378,287	1 003,293	2,652	2,189
85	96	3 078	249,516	625,006	2,505	2,042
86	97	2 007	157,940	375,490	2,377	1,914
87	98	1 277	97,551	217,551	2,230	1,767
88	99	770	57,092	120,000	2,102	1,639
89	100	439	31,633	62,908	1,989	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 911 018,405	29,229	28,766
1	13	99 232	96 341,587	2 811 425,504	29,182	28,719
2	14	99 196	93 502,026	2 715 083,918	29,038	28,574
3	15	99 170	90 754,983	2 621 581,892	28,886	28,423
4	16	99 145	88 089,268	2 530 826,909	28,730	28,267
5	17	99 120	85 501,576	2 442 737,641	28,570	28,106
6	18	99 096	82 991,263	2 357 236,065	28,403	27,940
7	19	99 065	80 549,279	2 274 244,801	28,234	27,771
8	20	99 038	78 181,505	2 193 695,522	28,059	27,596
9	21	99 012	75 884,137	2 115 514,017	27,878	27,415
10	22	98 987	73 655,799	2 039 629,880	27,691	27,228
11	23	98 962	71 492,611	1 965 974,081	27,499	27,036
12	24	98 932	69 389,044	1 894 481,471	27,302	26,839
13	25	98 908	67 351,302	1 825 092,427	27,098	26,635
14	26	98 880	65 371,169	1 757 741,125	26,889	26,425
15	27	98 849	63 447,141	1 692 369,957	26,674	26,210
16	28	98 812	61 576,455	1 628 922,815	26,454	25,990
17	29	98 762	59 752,662	1 567 346,360	26,231	25,767
18	30	98 708	57 980,276	1 507 593,698	26,002	25,539
19	31	98 640	56 253,242	1 449 613,423	25,769	25,306
20	32	98 568	54 574,568	1 393 360,181	25,531	25,068
21	33	98 489	52 942,755	1 338 785,613	25,287	24,824
22	34	98 410	51 359,453	1 285 842,859	25,036	24,573
23	35	98 327	49 821,564	1 234 483,405	24,778	24,315
24	36	98 242	48 328,779	1 184 661,841	24,513	24,049
25	37	98 149	46 876,475	1 136 333,062	24,241	23,778
26	38	98 057	45 468,308	1 089 456,588	23,961	23,498
27	39	97 953	44 097,231	1 043 988,280	23,675	23,211
28	40	97 843	42 764,763	999 891,049	23,381	22,918
29	41	97 726	41 469,637	957 126,286	23,080	22,617
30	42	97 595	40 208,033	915 656,650	22,773	22,310
31	43	97 458	38 982,061	875 448,617	22,458	21,995
32	44	97 304	37 786,574	836 466,556	22,137	21,673
33	45	97 136	36 622,899	798 679,982	21,808	21,345
34	46	96 959	35 491,457	762 057,083	21,472	21,008
35	47	96 758	34 386,260	726 565,626	21,130	20,666
36	48	96 534	33 307,266	692 179,366	20,782	20,318
37	49	96 294	32 256,779	658 872,100	20,426	19,963
38	50	96 029	31 231,241	626 615,321	20,064	19,601
39	51	95 739	30 230,080	595 384,080	19,695	19,232
40	52	95 424	29 252,804	565 154,000	19,320	18,856
41	53	95 070	28 295,445	535 901,195	18,939	18,476
42	54	94 684	27 359,936	507 605,750	18,553	18,090
43	55	94 259	26 443,639	480 245,814	18,161	17,698
44	56	93 793	25 546,465	453 802,175	17,764	17,301
45	57	93 285	24 668,263	428 255,710	17,361	16,897
46	58	92 723	23 805,391	403 587,447	16,954	16,490
47	59	92 112	22 959,821	379 782,056	16,541	16,078
48	60	91 440	22 128,281	356 822,235	16,125	15,662
49	61	90 693	21 308,443	334 693,954	15,707	15,244
50	62	89 902	20 507,320	313 385,511	15,282	14,818
51	63	89 042	19 719,421	292 878,191	14,852	14,389
52	64	88 114	18 945,578	273 158,770	14,418	13,955
53	65	87 085	18 178,918	254 213,192	13,984	13,521
54	66	85 956	17 420,724	236 034,275	13,549	13,086
55	67	84 730	16 672,125	218 613,550	13,113	12,649
56	68	83 393	15 931,056	201 941,425	12,676	12,213
57	69	81 977	15 204,485	186 010,369	12,234	11,771
58	70	80 450	14 486,651	170 805,884	11,791	11,327
59	71	78 799	13 776,086	156 319,233	11,347	10,884
60	72	77 025	13 073,680	142 543,147	10,903	10,440
61	73	75 153	12 384,384	129 469,467	10,454	9,991
62	74	73 176	11 707,441	117 085,083	10,001	9,538
63	75	71 052	11 036,506	105 377,642	9,548	9,085
64	76	68 786	10 373,391	94 341,135	9,095	8,631
65	77	66 325	9 710,789	83 967,745	8,647	8,184
66	78	63 708	9 056,084	74 256,955	8,200	7,736
67	79	60 906	8 405,570	65 200,872	7,757	7,294
68	80	57 843	7 750,376	56 795,302	7,328	6,865
69	81	54 581	7 100,301	49 044,927	6,907	6,444
70	82	51 100	6 453,772	41 944,625	6,499	6,036
71	83	47 440	5 817,054	35 490,853	6,101	5,638
72	84	43 595	5 189,850	29 673,799	5,718	5,254
73	85	39 601	4 577,085	24 483,950	5,349	4,886
74	86	35 509	3 984,585	19 906,865	4,996	4,533
75	87	31 352	3 415,610	15 922,279	4,662	4,198
76	88	27 220	2 879,132	12 506,669	4,344	3,881
77	89	23 188	2 381,168	9 627,537	4,043	3,580
78	90	19 321	1 926,268	7 246,369	3,762	3,299
79	91	15 701	1 519,809	5 320,102	3,501	3,037
80	92	12 390	1 164,403	3 800,292	3,264	2,801
81	93	9 477	864,648	2 635,889	3,049	2,585
82	94	6 996	619,681	1 771,241	2,858	2,395
83	95	4 950	425,739	1 151,559	2,705	2,242
84	96	3 402	284,081	725,820	2,555	2,092
85	97	2 248	182,275	441,739	2,423	1,960
86	98	1 451	114,182	259,464	2,272	1,809
87	99	888	67,824	145,283	2,142	1,679
88	100	515	38,221	77,458	2,027	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 901 016,138	29,131	28,668
1	14	99 223	96 333,328	2 801 431,117	29,081	28,617
2	15	99 186	93 492,214	2 705 097,788	28,934	28,471
3	16	99 158	90 743,629	2 611 605,574	28,780	28,317
4	17	99 131	88 076,839	2 520 861,945	28,621	28,158
5	18	99 105	85 489,057	2 432 785,106	28,457	27,994
6	19	99 076	82 974,363	2 347 296,049	28,289	27,826
7	20	99 046	80 533,731	2 264 321,687	28,116	27,653
8	21	99 020	78 167,029	2 183 787,955	27,937	27,474
9	22	98 995	75 871,574	2 105 620,927	27,752	27,289
10	23	98 970	73 643,053	2 029 749,353	27,562	27,099
11	24	98 941	71 477,098	1 956 106,300	27,367	26,904
12	25	98 915	69 377,277	1 884 629,203	27,165	26,702
13	26	98 889	67 338,743	1 815 251,925	26,957	26,494
14	27	98 861	65 358,449	1 747 913,182	26,743	26,280
15	28	98 827	63 433,283	1 682 554,733	26,525	26,062
16	29	98 787	61 561,098	1 619 121,450	26,301	25,838
17	30	98 736	59 737,199	1 557 560,352	26,074	25,610
18	31	98 678	57 963,059	1 497 823,153	25,841	25,378
19	32	98 609	56 235,286	1 439 860,093	25,604	25,141
20	33	98 534	54 555,628	1 383 624,807	25,362	24,899
21	34	98 454	52 923,905	1 329 069,180	25,113	24,650
22	35	98 372	51 339,366	1 276 145,275	24,857	24,394
23	36	98 288	49 801,512	1 224 805,909	24,594	24,131
24	37	98 196	48 306,120	1 175 004,398	24,324	23,861
25	38	98 104	46 854,901	1 126 698,278	24,047	23,583
26	39	97 999	45 441,679	1 079 843,377	23,763	23,300
27	40	97 894	44 070,962	1 034 401,698	23,471	23,008
28	41	97 776	42 735,739	990 330,736	23,173	22,710
29	42	97 651	41 438,001	947 594,997	22,868	22,405
30	43	97 514	40 174,668	906 156,996	22,555	22,092
31	44	97 371	38 946,980	865 982,328	22,235	21,772
32	45	97 204	37 748,030	827 035,348	21,909	21,446
33	46	97 028	36 582,176	789 287,319	21,576	21,113
34	47	96 836	35 446,392	752 705,143	21,235	20,772
35	48	96 619	34 336,966	717 258,750	20,889	20,426
36	49	96 379	33 253,988	682 921,784	20,537	20,073
37	50	96 119	32 198,348	649 667,796	20,177	19,714
38	51	95 840	31 169,695	617 469,448	19,810	19,347
39	52	95 528	30 163,308	586 299,753	19,438	18,974
40	53	95 189	29 180,980	556 136,445	19,058	18,595
41	54	94 810	28 218,109	526 955,465	18,674	18,211
42	55	94 399	27 277,593	498 737,355	18,284	17,821
43	56	93 946	26 356,021	471 459,763	17,888	17,425
44	57	93 453	25 454,015	445 103,742	17,487	17,023
45	58	92 913	24 569,780	419 649,727	17,080	16,617
46	59	92 314	23 700,396	395 079,946	16,670	16,207
47	60	91 667	22 848,925	371 379,550	16,254	15,790
48	61	90 947	22 008,987	348 530,625	15,836	15,373
49	62	90 186	21 189,220	326 521,638	15,410	14,947
50	63	89 356	20 382,705	305 332,418	14,980	14,517
51	64	88 455	19 589,580	284 949,714	14,546	14,083
52	65	87 472	18 807,515	265 360,134	14,109	13,646
53	66	86 387	18 033,265	246 552,619	13,672	13,209
54	67	85 205	17 268,547	228 519,354	13,233	12,770
55	68	83 909	16 510,499	211 250,807	12,795	12,332
56	69	82 541	15 768,324	194 740,308	12,350	11,887
57	70	81 061	15 034,618	178 971,984	11,904	11,441
58	71	79 470	14 310,153	163 937,366	11,456	10,993
59	72	77 744	13 591,619	149 627,214	11,009	10,546
60	73	75 915	12 885,297	136 035,595	10,557	10,094
61	74	73 989	12 192,640	123 150,297	10,100	9,637
62	75	71 924	11 507,146	110 957,658	9,643	9,179
63	76	69 697	10 826,067	99 450,512	9,186	8,723
64	77	67 285	10 146,980	88 624,445	8,734	8,271
65	78	64 703	9 473,342	78 477,465	8,284	7,821
66	79	61 918	8 801,605	69 004,123	7,840	7,377
67	80	58 901	8 128,831	60 202,517	7,406	6,943
68	81	55 622	7 452,699	52 073,686	6,987	6,524
69	82	52 176	6 787,444	44 620,987	6,574	6,111
70	83	48 527	6 128,879	37 833,543	6,173	5,710
71	84	44 685	5 479,189	31 704,664	5,786	5,323
72	85	40 664	4 840,983	26 225,476	5,417	4,954
73	86	36 543	4 223,636	21 384,493	5,063	4,600
74	87	32 352	3 630,325	17 160,856	4,727	4,264
75	88	28 179	3 069,984	13 530,531	4,407	3,944
76	89	24 095	2 548,535	10 460,547	4,105	3,641
77	90	20 152	2 069,430	7 912,011	3,823	3,360
78	91	16 462	1 641,302	5 842,581	3,560	3,097
79	92	13 074	1 265,492	4 201,280	3,320	2,857
80	93	10 066	946,010	2 935,788	3,103	2,640
81	94	7 494	683,765	1 989,778	2,910	2,447
82	95	5 350	473,949	1 306,013	2,756	2,292
83	96	3 718	319,716	832,064	2,603	2,139
84	97	2 485	207,525	512,348	2,469	2,006
85	98	1 626	131,775	304,822	2,313	1,850
86	99	1 009	79,387	173,048	2,180	1,717
87	100	594	45,406	93,661	2,063	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 890 499,682	29,028	28,565
1	15	99 213	96 323,219	2 790 923,197	28,975	28,511
2	16	99 173	93 480,518	2 694 599,978	28,825	28,362
3	17	99 144	90 730,825	2 601 119,460	28,669	28,205
4	18	99 117	88 063,943	2 510 388,635	28,506	28,043
5	19	99 085	85 471,648	2 422 324,692	28,341	27,877
6	20	99 057	82 958,347	2 336 853,044	28,169	27,706
7	21	99 028	80 518,819	2 253 894,698	27,992	27,529
8	22	99 003	78 154,088	2 173 375,879	27,809	27,346
9	23	98 978	75 858,444	2 095 221,791	27,620	27,157
10	24	98 949	73 627,073	2 019 363,347	27,427	26,964
11	25	98 924	71 464,977	1 945 736,273	27,226	26,763
12	26	98 897	69 364,341	1 874 271,296	27,021	26,557
13	27	98 870	67 325,641	1 804 906,955	26,809	26,345
14	28	98 839	65 344,173	1 737 581,314	26,591	26,128
15	29	98 802	63 417,463	1 672 237,140	26,369	25,905
16	30	98 762	61 545,167	1 608 819,678	26,140	25,677
17	31	98 707	59 719,461	1 547 274,511	25,909	25,446
18	32	98 647	57 944,558	1 487 555,049	25,672	25,209
19	33	98 575	56 215,770	1 429 610,491	25,431	24,968
20	34	98 498	54 536,203	1 373 394,722	25,183	24,720
21	35	98 416	52 903,205	1 318 858,518	24,930	24,466
22	36	98 332	51 318,703	1 265 955,313	24,668	24,205
23	37	98 242	49 778,162	1 214 636,611	24,401	23,938
24	38	98 151	48 283,888	1 164 858,448	24,125	23,662
25	39	98 046	46 827,460	1 116 574,560	23,844	23,381
26	40	97 941	45 414,609	1 069 747,100	23,555	23,092
27	41	97 828	44 041,051	1 024 332,491	23,259	22,795
28	42	97 702	42 703,137	980 291,440	22,956	22,493
29	43	97 570	41 403,616	937 588,303	22,645	22,182
30	44	97 427	40 138,513	896 184,687	22,327	21,864
31	45	97 271	38 907,252	856 046,174	22,002	21,539
32	46	97 096	37 706,056	817 138,921	21,671	21,208
33	47	96 905	36 535,727	779 432,866	21,333	20,870
34	48	96 697	35 395,578	742 897,139	20,988	20,525
35	49	96 465	34 282,042	707 501,561	20,638	20,174
36	50	96 205	33 193,750	673 219,519	20,282	19,818
37	51	95 930	32 134,895	640 025,769	19,917	19,454
38	52	95 628	31 100,848	607 890,874	19,546	19,083
39	53	95 293	30 089,248	576 790,026	19,169	18,706
40	54	94 929	29 101,224	546 700,777	18,786	18,323
41	55	94 525	28 133,183	517 599,553	18,398	17,935
42	56	94 087	27 187,211	489 466,370	18,004	17,540
43	57	93 606	26 260,641	462 279,158	17,603	17,140
44	58	93 080	25 352,396	436 018,517	17,198	16,735
45	59	92 503	24 461,414	410 666,121	16,788	16,325
46	60	91 868	23 585,923	386 204,707	16,374	15,911
47	61	91 173	22 725,746	362 618,784	15,956	15,493
48	62	90 438	21 885,844	339 893,038	15,530	15,067
49	63	89 638	21 060,461	318 007,194	15,100	14,637
50	64	88 768	20 248,496	296 946,733	14,665	14,202
51	65	87 811	19 446,824	276 698,237	14,228	13,765
52	66	86 771	18 656,826	257 251,413	13,789	13,325
53	67	85 632	17 875,737	238 594,587	13,347	12,884
54	68	84 379	17 101,139	220 718,850	12,907	12,443
55	69	83 052	16 341,848	203 617,711	12,460	11,997
56	70	81 619	15 592,157	187 275,863	12,011	11,548
57	71	80 074	14 851,443	171 683,706	11,560	11,097
58	72	78 406	14 118,535	156 832,263	11,108	10,645
59	73	76 624	13 395,773	142 713,729	10,654	10,190
60	74	74 740	12 685,797	129 317,956	10,194	9,731
61	75	72 723	11 984,043	116 632,158	9,732	9,269
62	76	70 553	11 287,733	104 648,116	9,271	8,808
63	77	68 176	10 589,777	93 360,383	8,816	8,353
64	78	65 640	9 898,867	82 770,606	8,362	7,898
65	79	62 885	9 207,139	72 871,739	7,915	7,451
66	80	59 880	8 511,828	63 664,600	7,480	7,016
67	81	56 639	7 816,619	55 152,772	7,056	6,593
68	82	53 171	7 124,314	47 336,153	6,644	6,181
69	83	49 550	6 445,753	40 211,839	6,239	5,775
70	84	45 709	5 772,902	33 766,086	5,849	5,386
71	85	41 681	5 110,872	27 993,184	5,477	5,014
72	86	37 524	4 467,156	22 882,311	5,122	4,659
73	87	33 294	3 848,123	18 415,155	4,785	4,322
74	88	29 078	3 262,972	14 567,033	4,464	4,001
75	89	24 943	2 717,473	11 304,060	4,160	3,697
76	90	20 940	2 214,886	8 586,587	3,877	3,414
77	91	17 171	1 763,285	6 371,701	3,614	3,150
78	92	13 708	1 366,654	4 608,416	3,372	2,909
79	93	10 622	1 028,138	3 241,762	3,153	2,690
80	94	7 961	748,106	2 213,624	2,959	2,496
81	95	5 732	522,962	1 465,518	2,802	2,339
82	96	4 018	355,920	942,555	2,648	2,185
83	97	2 716	233,557	586,635	2,512	2,049
84	98	1 797	150,029	353,078	2,353	1,890
85	99	1 130	91,619	203,049	2,216	1,753
86	100	675	53,147	111,430	2,097	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 879 460,508	28,920	28,457
1	16	99 201	96 311,169	2 779 894,472	28,864	28,400
2	17	99 159	93 467,328	2 683 583,303	28,711	28,248
3	18	99 130	90 717,541	2 590 115,975	28,551	28,088
4	19	99 097	88 046,009	2 499 398,434	28,387	27,924
5	20	99 066	85 455,150	2 411 352,425	28,218	27,755
6	21	99 038	82 942,985	2 325 897,275	28,042	27,579
7	22	99 012	80 505,489	2 242 954,290	27,861	27,398
8	23	98 986	78 140,563	2 162 448,802	27,674	27,211
9	24	98 957	75 841,984	2 084 308,238	27,482	27,019
10	25	98 932	73 614,588	2 008 466,254	27,284	26,820
11	26	98 906	71 451,652	1 934 851,666	27,079	26,616
12	27	98 878	69 350,845	1 863 400,014	26,869	26,406
13	28	98 848	67 310,935	1 794 049,169	26,653	26,190
14	29	98 814	65 327,877	1 726 738,234	26,432	25,969
15	30	98 777	63 401,051	1 661 410,357	26,205	25,742
16	31	98 733	61 526,892	1 598 009,306	25,973	25,509
17	32	98 676	59 700,399	1 536 482,413	25,737	25,273
18	33	98 612	57 924,448	1 476 782,014	25,495	25,032
19	34	98 540	56 195,754	1 418 857,566	25,248	24,785
20	35	98 460	54 514,873	1 362 661,811	24,996	24,533
21	36	98 376	52 881,913	1 308 146,938	24,737	24,274
22	37	98 286	51 294,642	1 255 265,025	24,472	24,008
23	38	98 196	49 755,253	1 203 970,384	24,198	23,735
24	39	98 094	48 255,610	1 154 215,130	23,919	23,456
25	40	97 988	46 799,565	1 105 959,520	23,632	23,169
26	41	97 874	45 383,786	1 059 159,955	23,338	22,875
27	42	97 753	44 007,454	1 013 776,169	23,036	22,573
28	43	97 621	42 667,702	969 768,715	22,728	22,265
29	44	97 483	41 366,355	927 101,013	22,412	21,949
30	45	97 327	40 097,571	885 734,658	22,089	21,626
31	46	97 163	38 863,989	845 637,088	21,759	21,296
32	47	96 973	37 658,179	806 773,099	21,424	20,960
33	48	96 766	36 483,351	769 114,920	21,081	20,618
34	49	96 543	35 338,960	732 631,569	20,732	20,268
35	50	96 290	34 219,941	697 292,608	20,377	19,914
36	51	96 015	33 128,336	663 072,667	20,015	19,552
37	52	95 718	32 063,917	629 944,330	19,647	19,183
38	53	95 394	31 024,486	597 880,414	19,271	18,808
39	54	95 033	30 007,010	566 855,928	18,891	18,428
40	55	94 644	29 013,640	536 848,917	18,503	18,040
41	56	94 211	28 039,967	507 835,277	18,111	17,648
42	57	93 746	27 088,824	479 795,310	17,712	17,249
43	58	93 233	26 155,802	452 706,486	17,308	16,845
44	59	92 670	25 240,578	426 550,685	16,899	16,436
45	60	92 056	24 343,265	401 310,107	16,485	16,022
46	61	91 373	23 458,771	376 966,842	16,069	15,606
47	62	90 663	22 598,593	353 508,071	15,643	15,180
48	63	89 888	21 752,852	330 909,477	15,212	14,749
49	64	89 048	20 921,790	309 156,626	14,777	14,314
50	65	88 121	20 100,939	288 234,836	14,339	13,876
51	66	87 107	19 291,013	268 133,897	13,899	13,436
52	67	86 013	18 493,851	248 842,884	13,455	12,992
53	68	84 802	17 702,443	230 349,034	13,012	12,549
54	69	83 517	16 926,454	212 646,591	12,563	12,100
55	70	82 124	16 159,274	195 720,137	12,112	11,649
56	71	80 625	15 402,189	179 560,864	11,658	11,195
57	72	79 002	14 652,577	164 158,674	11,203	10,740
58	73	77 276	13 915,096	149 506,097	10,744	10,281
59	74	75 438	13 188,369	135 591,001	10,281	9,818
60	75	73 461	12 468,763	122 402,632	9,817	9,354
61	76	71 337	11 755,537	109 933,869	9,352	8,888
62	77	69 013	11 041,366	98 178,332	8,892	8,429
63	78	66 509	10 330,837	87 136,966	8,435	7,971
64	79	63 795	9 620,707	76 806,129	7,983	7,520
65	80	60 814	8 904,010	67 185,422	7,546	7,082
66	81	57 580	8 184,906	58 281,413	7,121	6,657
67	82	54 143	7 472,199	50 096,507	6,704	6,241
68	83	50 494	6 765,665	42 624,309	6,300	5,837
69	84	46 672	6 071,372	35 858,643	5,906	5,443
70	85	42 636	5 384,842	29 787,272	5,532	5,068
71	86	38 462	4 716,204	24 402,430	5,174	4,711
72	87	34 188	4 069,992	19 686,226	4,837	4,374
73	88	29 925	3 458,731	15 616,234	4,515	4,052
74	89	25 739	2 888,301	12 157,503	4,209	3,746
75	90	21 678	2 361,707	9 269,202	3,925	3,462
76	91	17 842	1 887,222	6 907,495	3,660	3,197
77	92	14 297	1 468,226	5 020,273	3,419	2,956
78	93	11 137	1 110,327	3 552,047	3,199	2,736
79	94	8 400	813,054	2 441,720	3,003	2,540
80	95	6 088	572,172	1 628,667	2,846	2,383
81	96	4 304	392,727	1 056,495	2,690	2,227
82	97	2 935	260,005	663,767	2,553	2,090
83	98	1 963	168,849	403,763	2,391	1,928
84	99	1 249	104,311	234,914	2,252	1,789
85	100	757	61,336	130,603	2,129	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 867 891,324	28,808	28,344
1	17	99 187	96 297,579	2 768 337,744	28,748	28,285
2	18	99 145	93 453,643	2 672 040,164	28,592	28,129
3	19	99 109	90 699,067	2 578 586,522	28,430	27,967
4	20	99 077	88 029,014	2 487 887,455	28,262	27,799
5	21	99 048	85 439,326	2 399 858,441	28,088	27,625
6	22	99 022	82 929,253	2 314 419,115	27,908	27,445
7	23	98 994	80 491,557	2 231 489,861	27,723	27,260
8	24	98 965	78 123,608	2 150 998,304	27,533	27,070
9	25	98 940	75 829,124	2 072 874,696	27,336	26,873
10	26	98 913	73 600,862	1 997 045,572	27,133	26,670
11	27	98 887	71 437,750	1 923 444,710	26,925	26,462
12	28	98 856	69 335,696	1 852 006,961	26,711	26,248
13	29	98 824	67 294,148	1 782 671,264	26,491	26,028
14	30	98 789	65 310,971	1 715 377,116	26,265	25,802
15	31	98 747	63 382,226	1 650 066,145	26,034	25,570
16	32	98 701	61 507,253	1 586 683,919	25,797	25,333
17	33	98 641	59 679,680	1 525 176,666	25,556	25,093
18	34	98 577	57 903,824	1 465 496,986	25,309	24,846
19	35	98 501	56 173,775	1 407 593,161	25,058	24,595
20	36	98 420	54 492,932	1 351 419,386	24,800	24,337
21	37	98 330	52 857,119	1 296 926,454	24,536	24,073
22	38	98 241	51 271,035	1 244 069,335	24,265	23,801
23	39	98 139	49 726,114	1 192 798,300	23,987	23,524
24	40	98 035	48 226,864	1 143 072,186	23,702	23,239
25	41	97 921	46 767,802	1 094 845,322	23,410	22,947
26	42	97 800	45 349,165	1 048 077,520	23,111	22,648
27	43	97 672	43 970,936	1 002 728,355	22,804	22,341
28	44	97 533	42 629,304	958 757,419	22,491	22,027
29	45	97 383	41 324,160	916 128,115	22,169	21,706
30	46	97 219	40 052,984	874 803,956	21,841	21,378
31	47	97 040	38 814,642	834 750,972	21,506	21,043
32	48	96 834	37 604,194	795 936,330	21,166	20,703
33	49	96 611	36 424,993	758 332,135	20,819	20,356
34	50	96 368	35 274,946	721 907,142	20,465	20,002
35	51	96 100	34 152,505	686 632,196	20,105	19,642
36	52	95 803	33 055,163	652 479,691	19,739	19,276
37	53	95 483	31 985,190	619 424,528	19,366	18,903
38	54	95 133	30 939,692	587 439,338	18,987	18,523
39	55	94 747	29 916,700	556 499,646	18,602	18,138
40	56	94 330	28 917,507	526 582,946	18,210	17,747
41	57	93 871	27 938,493	497 665,439	17,813	17,350
42	58	93 372	26 980,678	469 726,946	17,410	16,947
43	59	92 822	26 040,440	442 746,268	17,002	16,539
44	60	92 222	25 118,666	416 705,828	16,589	16,126
45	61	91 560	24 212,030	391 587,162	16,173	15,710
46	62	90 862	23 327,517	367 375,132	15,749	15,285
47	63	90 112	22 461,270	344 047,615	15,317	14,854
48	64	89 296	21 609,622	321 586,345	14,882	14,418
49	65	88 399	20 769,325	299 976,724	14,443	13,980
50	66	87 415	19 939,887	279 207,398	14,002	13,539
51	67	86 346	19 122,498	259 267,512	13,558	13,095
52	68	85 179	18 314,564	240 145,014	13,112	12,649
53	69	83 936	17 521,616	221 830,450	12,660	12,197
54	70	82 584	16 737,349	204 308,834	12,207	11,744
55	71	81 123	15 962,397	187 571,486	11,751	11,288
56	72	79 545	15 195,949	171 609,089	11,293	10,830
57	73	77 863	14 441,443	156 413,140	10,831	10,368
58	74	76 080	13 699,652	141 971,697	10,363	9,900
59	75	74 147	12 962,737	128 272,045	9,895	9,432
60	76	72 060	12 231,015	115 309,308	9,428	8,964
61	77	69 780	11 498,959	103 078,293	8,964	8,501
62	78	67 325	10 771,384	91 579,334	8,502	8,039
63	79	64 640	10 040,538	80 807,950	8,048	7,585
64	80	61 695	9 303,961	70 767,412	7,606	7,143
65	81	58 478	8 562,025	61 463,451	7,179	6,715
66	82	55 043	7 824,257	52 901,426	6,761	6,298
67	83	51 417	7 096,036	45 077,169	6,352	5,889
68	84	47 561	6 372,703	37 981,132	5,960	5,497
69	85	43 535	5 663,248	31 608,430	5,581	5,118
70	86	39 344	4 969,018	25 945,181	5,221	4,758
71	87	35 043	4 296,897	20 976,164	4,882	4,418
72	88	30 729	3 658,149	16 679,266	4,559	4,096
73	89	26 489	3 061,582	13 021,118	4,253	3,790
74	90	22 370	2 510,170	9 959,536	3,968	3,504
75	91	18 471	2 012,323	7 449,365	3,702	3,239
76	92	14 857	1 571,424	5 437,042	3,460	2,997
77	93	11 616	1 192,848	3 865,618	3,241	2,777
78	94	8 807	878,048	2 672,770	3,044	2,581
79	95	6 424	621,846	1 794,722	2,886	2,423
80	96	4 572	429,682	1 172,877	2,730	2,266
81	97	3 144	286,893	743,194	2,590	2,127
82	98	2 122	187,969	456,302	2,428	1,964
83	99	1 365	117,395	268,333	2,286	1,822
84	100	836	69,833	150,937	2,161	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 855 784,830	28,690	28,227
1	18	99 172	96 283,480	2 756 245,297	28,626	28,163
2	19	99 125	93 434,611	2 659 961,817	28,469	28,005
3	20	99 090	90 681,560	2 566 527,206	28,303	27,839
4	21	99 059	88 012,714	2 475 845,646	28,131	27,667
5	22	99 031	85 425,181	2 387 832,932	27,952	27,489
6	23	99 005	82 914,903	2 302 407,751	27,768	27,305
7	24	98 973	80 474,092	2 219 492,848	27,580	27,117
8	25	98 948	78 110,361	2 139 018,756	27,385	26,921
9	26	98 921	75 814,985	2 060 908,396	27,183	26,720
10	27	98 894	73 586,541	1 985 093,411	26,976	26,513
11	28	98 865	71 422,145	1 911 506,870	26,764	26,300
12	29	98 831	69 318,405	1 840 084,724	26,545	26,082
13	30	98 798	67 276,734	1 770 766,320	26,321	25,857
14	31	98 759	65 291,578	1 703 489,586	26,090	25,627
15	32	98 716	63 361,994	1 638 198,008	25,855	25,391
16	33	98 667	61 485,907	1 574 836,014	25,613	25,150
17	34	98 606	59 658,432	1 513 350,106	25,367	24,904
18	35	98 539	57 881,177	1 453 691,674	25,115	24,652
19	36	98 461	56 151,166	1 395 810,497	24,858	24,395
20	37	98 374	54 467,383	1 339 659,331	24,596	24,132
21	38	98 285	52 832,793	1 285 191,947	24,326	23,862
22	39	98 183	51 241,007	1 232 359,155	24,050	23,587
23	40	98 080	49 696,492	1 181 118,147	23,767	23,303
24	41	97 969	48 194,133	1 131 421,656	23,476	23,013
25	42	97 847	46 732,124	1 083 227,523	23,180	22,716
26	43	97 718	45 311,534	1 036 495,398	22,875	22,412
27	44	97 584	43 931,365	991 183,864	22,562	22,099
28	45	97 433	42 585,820	947 252,499	22,243	21,780
29	46	97 275	41 278,209	904 666,679	21,916	21,453
30	47	97 096	40 002,127	863 388,470	21,584	21,120
31	48	96 901	38 759,000	823 386,343	21,244	20,781
32	49	96 679	37 544,044	784 627,343	20,899	20,436
33	50	96 436	36 359,011	747 083,299	20,547	20,084
34	51	96 178	35 205,430	710 724,288	20,188	19,725
35	52	95 888	34 077,070	675 518,858	19,823	19,360
36	53	95 568	32 974,003	641 441,788	19,453	18,990
37	54	95 222	31 897,770	608 467,785	19,076	18,612
38	55	94 847	30 846,575	576 570,015	18,692	18,228
39	56	94 433	29 817,574	545 723,440	18,302	17,839
40	57	93 989	28 812,858	515 905,866	17,905	17,442
41	58	93 496	27 826,955	487 093,008	17,504	17,041
42	59	92 960	26 861,678	459 266,053	17,097	16,634
43	60	92 373	25 914,665	432 404,375	16,686	16,222
44	61	91 725	24 983,250	406 489,711	16,270	15,807
45	62	91 048	24 076,561	381 506,460	15,846	15,382
46	63	90 310	23 185,764	357 429,899	15,416	14,953
47	64	89 519	22 313,376	334 244,135	14,980	14,516
48	65	88 646	21 452,145	311 930,759	14,541	14,078
49	66	87 691	20 602,918	290 478,614	14,099	13,636
50	67	86 651	19 765,703	269 875,696	13,654	13,191
51	68	85 509	18 937,117	250 109,993	13,207	12,744
52	69	84 309	18 127,484	231 172,876	12,753	12,289
53	70	82 998	17 325,861	213 045,392	12,296	11,833
54	71	81 578	16 533,429	195 719,531	11,838	11,375
55	72	80 037	15 748,654	179 186,102	11,378	10,915
56	73	78 399	14 976,985	163 437,448	10,913	10,449
57	74	76 658	14 217,850	148 460,463	10,442	9,979
58	75	74 778	13 465,273	134 242,613	9,970	9,506
59	76	72 733	12 715,570	120 777,340	9,498	9,035
60	77	70 487	11 964,060	108 061,770	9,032	8,569
61	78	68 073	11 217,788	96 097,711	8,567	8,103
62	79	65 434	10 468,705	84 879,922	8,108	7,645
63	80	62 512	9 709,970	74 411,217	7,663	7,200
64	81	59 325	8 946,615	64 701,247	7,232	6,769
65	82	55 902	8 184,760	55 754,632	6,812	6,349
66	83	52 272	7 430,372	47 569,872	6,402	5,939
67	84	48 431	6 683,885	40 139,500	6,005	5,542
68	85	44 364	5 944,323	33 455,615	5,628	5,165
69	86	40 173	5 225,925	27 511,291	5,264	4,801
70	87	35 846	4 527,234	22 285,366	4,923	4,459
71	88	31 497	3 862,094	17 758,133	4,598	4,135
72	89	27 200	3 238,102	13 896,038	4,291	3,828
73	90	23 021	2 660,765	10 657,937	4,006	3,542
74	91	19 060	2 138,824	7 997,171	3,739	3,276
75	92	15 380	1 675,591	5 858,348	3,496	3,033
76	93	12 070	1 276,690	4 182,757	3,276	2,813
77	94	9 186	943,306	2 906,067	3,081	2,618
78	95	6 736	671,555	1 962,761	2,923	2,459
79	96	4 824	466,985	1 291,205	2,765	2,302
80	97	3 340	313,889	824,220	2,626	2,163
81	98	2 273	207,408	510,331	2,461	1,997
82	99	1 475	130,689	302,923	2,318	1,855
83	100	914	78,593	172,234	2,191	1,728

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 843 133,103	28,567	28,104
1	19	99 152	96 263,872	2 743 608,144	28,501	28,038
2	20	99 106	93 416,576	2 647 344,272	28,339	27,876
3	21	99 072	90 664,768	2 553 927,695	28,169	27,706
4	22	99 043	87 998,143	2 463 262,927	27,992	27,529
5	23	99 014	85 410,399	2 375 264,785	27,810	27,347
6	24	98 983	82 896,912	2 289 854,386	27,623	27,160
7	25	98 956	80 460,446	2 206 957,474	27,429	26,966
8	26	98 929	78 095,796	2 126 497,029	27,229	26,766
9	27	98 902	75 800,233	2 048 401,233	27,024	26,560
10	28	98 873	73 570,468	1 972 600,999	26,812	26,349
11	29	98 840	71 404,333	1 899 030,532	26,595	26,132
12	30	98 806	69 300,466	1 827 626,198	26,372	25,909
13	31	98 769	67 256,757	1 758 325,732	26,143	25,680
14	32	98 728	65 270,737	1 691 068,975	25,909	25,445
15	33	98 682	63 340,005	1 625 798,237	25,668	25,205
16	34	98 632	61 464,016	1 562 458,233	25,421	24,957
17	35	98 568	59 635,098	1 500 994,217	25,170	24,706
18	36	98 499	57 857,881	1 441 359,119	24,912	24,449
19	37	98 415	56 124,840	1 383 501,238	24,650	24,187
20	38	98 329	54 442,316	1 327 376,398	24,381	23,918
21	39	98 227	52 801,851	1 272 934,082	24,108	23,645
22	40	98 125	51 210,483	1 220 132,231	23,826	23,363
23	41	98 014	49 662,763	1 168 921,748	23,537	23,074
24	42	97 894	48 157,368	1 119 258,985	23,242	22,778
25	43	97 765	46 693,346	1 071 101,618	22,939	22,476
26	44	97 631	45 270,756	1 024 408,272	22,628	22,165
27	45	97 485	43 886,553	979 137,515	22,311	21,847
28	46	97 325	42 538,466	935 250,962	21,986	21,523
29	47	97 151	41 225,797	892 712,496	21,654	21,191
30	48	96 956	39 944,783	851 486,699	21,317	20,853
31	49	96 746	38 697,002	811 541,916	20,972	20,508
32	50	96 504	37 476,035	772 844,914	20,622	20,159
33	51	96 246	36 287,360	735 368,880	20,265	19,802
34	52	95 965	35 127,669	699 081,520	19,901	19,438
35	53	95 653	33 993,401	663 953,851	19,532	19,069
36	54	95 307	32 883,880	629 960,450	19,157	18,694
37	55	94 935	31 801,769	597 076,570	18,775	18,312
38	56	94 532	30 744,368	565 274,800	18,386	17,923
39	57	94 091	29 709,668	534 530,433	17,992	17,529
40	58	93 613	28 697,829	504 820,765	17,591	17,128
41	59	93 083	27 704,223	476 122,936	17,186	16,723
42	60	92 511	26 731,936	448 418,713	16,775	16,311
43	61	91 875	25 774,958	421 686,777	16,360	15,897
44	62	91 212	24 843,466	395 911,819	15,936	15,473
45	63	90 495	23 930,257	371 068,353	15,506	15,043
46	64	89 715	23 033,099	347 138,096	15,071	14,608
47	65	88 867	22 150,770	324 104,997	14,632	14,169
48	66	87 935	21 280,267	301 954,226	14,189	13,726
49	67	86 925	20 422,943	280 673,960	13,743	13,280
50	68	85 811	19 574,087	260 251,017	13,296	12,832
51	69	84 636	18 743,678	240 676,930	12,840	12,377
52	70	83 367	17 924,961	221 933,252	12,381	11,918
53	71	81 987	17 114,771	204 008,291	11,920	11,457
54	72	80 486	16 312,040	186 893,520	11,457	10,994
55	73	78 884	15 521,727	170 581,480	10,990	10,527
56	74	77 185	14 745,100	155 059,753	10,516	10,053
57	75	75 346	13 974,605	140 314,653	10,041	9,577
58	76	73 352	13 208,523	126 340,048	9,565	9,102
59	77	71 146	12 438,039	113 131,525	9,096	8,632
60	78	68 764	11 671,516	100 693,486	8,627	8,164
61	79	66 161	10 902,566	89 021,970	8,165	7,702
62	80	63 279	10 124,041	78 119,405	7,716	7,253
63	81	60 111	9 337,030	67 995,364	7,282	6,819
64	82	56 711	8 552,404	58 658,334	6,859	6,395
65	83	53 088	7 772,726	50 105,929	6,446	5,983
66	84	49 236	6 998,802	42 333,203	6,049	5,585
67	85	45 175	6 234,588	35 334,401	5,667	5,204
68	86	40 938	5 485,295	29 099,813	5,305	4,842
69	87	36 601	4 761,300	23 614,518	4,960	4,496
70	88	32 219	4 069,123	18 853,218	4,633	4,170
71	89	27 880	3 418,629	14 784,095	4,325	3,861
72	90	23 639	2 814,176	11 365,466	4,039	3,575
73	91	19 615	2 267,140	8 551,291	3,772	3,309
74	92	15 871	1 780,923	6 284,151	3,529	3,065
75	93	12 495	1 361,320	4 503,227	3,308	2,845
76	94	9 545	1 009,609	3 141,908	3,112	2,649
77	95	7 026	721,466	2 132,299	2,956	2,492
78	96	5 058	504,316	1 410,833	2,798	2,334
79	97	3 524	341,140	906,517	2,657	2,194
80	98	2 415	226,924	565,377	2,491	2,028
81	99	1 580	144,204	338,453	2,347	1,884
82	100	988	87,493	194,249	2,220	1,757

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 829 926,849	28,440	27,977
1	20	99 133	96 245,291	2 730 422,158	28,369	27,906
2	21	99 087	93 399,278	2 634 176,867	28,203	27,740
3	22	99 055	90 649,758	2 540 777,589	28,029	27,565
4	23	99 026	87 982,915	2 450 127,831	27,848	27,385
5	24	98 993	85 391,866	2 362 144,916	27,662	27,199
6	25	98 966	82 882,855	2 276 753,050	27,470	27,006
7	26	98 938	80 445,443	2 193 870,195	27,272	26,808
8	27	98 910	78 080,601	2 113 424,752	27,067	26,604
9	28	98 881	75 783,676	2 035 344,151	26,857	26,394
10	29	98 848	73 552,120	1 959 560,475	26,642	26,179
11	30	98 815	71 385,855	1 886 008,355	26,420	25,957
12	31	98 777	69 279,889	1 814 622,500	26,193	25,729
13	32	98 737	67 235,289	1 745 342,612	25,959	25,496
14	33	98 694	65 248,085	1 678 107,322	25,719	25,256
15	34	98 647	63 317,453	1 612 859,237	25,473	25,009
16	35	98 593	61 439,976	1 549 541,784	25,220	24,757
17	36	98 528	59 611,096	1 488 101,808	24,964	24,500
18	37	98 453	57 830,755	1 428 490,712	24,701	24,238
19	38	98 370	56 099,010	1 370 659,957	24,433	23,970
20	39	98 271	54 410,431	1 314 560,947	24,160	23,697
21	40	98 168	52 770,397	1 260 150,516	23,880	23,417
22	41	98 058	51 175,727	1 207 380,119	23,593	23,130
23	42	97 939	49 624,877	1 156 204,393	23,299	22,836
24	43	97 813	48 117,406	1 106 579,516	22,997	22,534
25	44	97 678	46 651,325	1 058 462,110	22,689	22,226
26	45	97 531	45 224,578	1 011 810,785	22,373	21,910
27	46	97 376	43 837,753	966 586,207	22,049	21,586
28	47	97 201	42 484,454	922 748,453	21,720	21,256
29	48	97 012	41 166,698	880 263,999	21,383	20,920
30	49	96 801	39 880,888	839 097,301	21,040	20,577
31	50	96 570	38 626,904	799 216,413	20,691	20,227
32	51	96 314	37 402,182	760 589,509	20,335	19,872
33	52	96 034	36 207,209	723 187,327	19,974	19,510
34	53	95 730	35 041,420	686 980,118	19,605	19,142
35	54	95 391	33 900,492	651 938,698	19,231	18,768
36	55	95 020	32 784,912	618 038,206	18,851	18,388
37	56	94 621	31 696,398	585 253,294	18,464	18,001
38	57	94 190	30 633,107	553 556,897	18,071	17,607
39	58	93 716	29 591,059	522 923,789	17,672	17,208
40	59	93 201	28 571,255	493 332,730	17,267	16,804
41	60	92 634	27 570,411	464 761,475	16,857	16,394
42	61	92 012	26 587,823	437 191,064	16,443	15,980
43	62	91 361	25 630,744	410 603,240	16,020	15,557
44	63	90 657	24 692,502	384 972,496	15,591	15,127
45	64	89 899	23 772,690	360 279,994	15,155	14,692
46	65	89 061	22 865,249	336 507,304	14,717	14,254
47	66	88 155	21 973,295	313 642,055	14,274	13,811
48	67	87 167	21 094,375	291 668,760	13,827	13,364
49	68	86 082	20 224,955	270 574,386	13,378	12,915
50	69	84 934	19 374,141	250 349,431	12,922	12,459
51	70	83 690	18 534,270	230 975,289	12,462	11,999
52	71	82 351	17 706,571	212 441,019	11,998	11,535
53	72	80 889	16 885,598	194 734,448	11,533	11,069
54	73	79 326	16 076,995	177 848,850	11,062	10,599
55	74	77 662	15 281,408	161 771,856	10,586	10,123
56	75	75 864	14 492,835	146 490,448	10,108	9,645
57	76	73 910	13 708,144	131 997,613	9,629	9,166
58	77	71 751	12 920,233	118 289,469	9,155	8,692
59	78	69 406	12 133,905	105 369,236	8,684	8,221
60	79	66 832	11 343,544	93 235,331	8,219	7,756
61	80	63 982	10 543,617	81 891,787	7,767	7,304
62	81	60 849	9 735,197	71 348,170	7,329	6,866
63	82	57 462	8 925,616	61 612,973	6,903	6,440
64	83	53 856	8 121,863	52 687,356	6,487	6,024
65	84	50 004	7 321,272	44 565,493	6,087	5,624
66	85	45 926	6 528,336	37 244,222	5,705	5,242
67	86	41 687	5 753,145	30 715,886	5,339	4,876
68	87	37 299	4 997,610	24 962,741	4,995	4,532
69	88	32 897	4 279,504	19 965,131	4,665	4,202
70	89	28 519	3 601,885	15 685,627	4,355	3,892
71	90	24 230	2 971,068	12 083,741	4,067	3,604
72	91	20 142	2 397,855	9 112,673	3,800	3,337
73	92	16 333	1 887,768	6 714,818	3,557	3,094
74	93	12 894	1 446,896	4 827,050	3,336	2,873
75	94	9 881	1 076,534	3 380,154	3,140	2,677
76	95	7 300	772,176	2 303,620	2,983	2,520
77	96	5 276	541,797	1 531,443	2,827	2,363
78	97	3 695	368,410	989,646	2,686	2,223
79	98	2 548	246,625	621,236	2,519	2,056
80	99	1 679	157,774	374,611	2,374	1,911
81	100	1 058	96,541	216,838	2,246	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 816 161,790	28,307	27,844
1	21	99 114	96 227,469	2 716 676,305	28,232	27,769
2	22	99 071	93 383,816	2 620 448,836	28,061	27,598
3	23	99 038	90 634,071	2 527 065,020	27,882	27,419
4	24	99 004	87 963,824	2 436 430,949	27,698	27,235
5	25	98 976	85 377,386	2 348 467,125	27,507	27,044
6	26	98 948	82 867,400	2 263 089,739	27,310	26,847
7	27	98 918	80 429,791	2 180 222,339	27,107	26,644
8	28	98 889	78 063,546	2 099 792,548	26,899	26,435
9	29	98 856	75 764,776	2 021 729,002	26,684	26,221
10	30	98 822	73 533,086	1 945 964,226	26,464	26,001
11	31	98 785	71 364,658	1 872 431,140	26,238	25,774
12	32	98 745	69 257,775	1 801 066,482	26,005	25,542
13	33	98 703	67 211,955	1 731 808,707	25,766	25,303
14	34	98 658	65 224,854	1 664 596,752	25,521	25,058
15	35	98 608	63 292,688	1 599 371,898	25,269	24,806
16	36	98 553	61 415,248	1 536 079,210	25,011	24,548
17	37	98 482	59 583,148	1 474 663,962	24,750	24,286
18	38	98 408	57 804,140	1 415 080,814	24,481	24,017
19	39	98 312	56 066,155	1 357 276,675	24,208	23,745
20	40	98 213	54 378,019	1 301 210,520	23,929	23,466
21	41	98 102	52 734,581	1 246 832,501	23,644	23,180
22	42	97 983	51 136,687	1 194 097,919	23,351	22,888
23	43	97 858	49 583,698	1 142 961,233	23,051	22,588
24	44	97 725	48 074,104	1 093 377,535	22,744	22,280
25	45	97 578	46 603,739	1 045 303,431	22,430	21,966
26	46	97 422	45 174,291	998 699,693	22,108	21,644
27	47	97 253	43 782,091	953 525,402	21,779	21,316
28	48	97 062	42 423,551	909 743,311	21,444	20,981
29	49	96 857	41 100,849	867 319,760	21,102	20,639
30	50	96 626	39 808,646	826 218,911	20,755	20,292
31	51	96 380	38 550,783	786 410,266	20,399	19,936
32	52	96 101	37 319,569	747 859,482	20,039	19,576
33	53	95 798	36 118,309	710 539,914	19,673	19,209
34	54	95 468	34 945,647	674 421,604	19,299	18,836
35	55	95 104	33 798,464	639 475,957	18,920	18,457
36	56	94 705	32 676,283	605 677,493	18,536	18,072
37	57	94 279	31 581,692	573 001,211	18,143	17,680
38	58	93 814	30 510,812	541 419,519	17,745	17,282
39	59	93 302	29 460,546	510 908,707	17,342	16,879
40	60	92 750	28 433,256	481 448,161	16,933	16,469
41	61	92 134	27 421,779	453 014,905	16,520	16,057
42	62	91 498	26 439,062	425 593,127	16,097	15,634
43	63	90 806	25 474,996	399 154,065	15,668	15,205
44	64	90 060	24 529,916	373 679,069	15,234	14,770
45	65	89 244	23 599,450	349 149,153	14,795	14,332
46	66	88 348	22 682,049	325 549,703	14,353	13,890
47	67	87 384	21 781,349	302 867,654	13,905	13,442
48	68	86 322	20 889,877	281 086,305	13,456	12,992
49	69	85 203	20 018,361	260 196,428	12,998	12,535
50	70	83 986	19 157,690	240 178,067	12,537	12,074
51	71	82 670	18 308,457	221 020,377	12,072	11,609
52	72	81 249	17 469,474	202 711,920	11,604	11,141
53	73	79 723	16 642,288	185 242,446	11,131	10,668
54	74	78 098	15 828,078	168 600,158	10,652	10,189
55	75	76 334	15 019,967	152 772,080	10,171	9,708
56	76	74 418	14 216,492	137 752,112	9,690	9,226
57	77	72 296	13 408,949	123 535,620	9,213	8,750
58	78	69 997	12 604,309	110 126,671	8,737	8,274
59	79	67 456	11 792,940	97 522,362	8,270	7,806
60	80	64 631	10 970,077	85 729,423	7,815	7,352
61	81	61 525	10 138,658	74 759,346	7,374	6,910
62	82	58 168	9 306,239	64 620,687	6,944	6,481
63	83	54 570	8 476,287	55 314,448	6,526	6,063
64	84	50 728	7 650,130	46 838,161	6,123	5,659
65	85	46 643	6 829,129	39 188,032	5,738	5,275
66	86	42 380	6 024,209	32 358,903	5,371	4,908
67	87	37 981	5 241,646	26 334,693	5,024	4,561
68	88	33 524	4 491,902	21 093,047	4,696	4,233
69	89	29 120	3 788,109	16 601,145	4,382	3,919
70	90	24 785	3 130,333	12 813,036	4,093	3,630
71	91	20 646	2 531,538	9 682,703	3,825	3,362
72	92	16 772	1 996,610	7 151,165	3,582	3,118
73	93	13 270	1 533,701	5 154,555	3,361	2,898
74	94	10 197	1 144,208	3 620,854	3,165	2,701
75	95	7 558	823,363	2 476,646	3,008	2,545
76	96	5 482	579,879	1 653,283	2,851	2,388
77	97	3 854	395,790	1 073,404	2,712	2,249
78	98	2 671	266,340	677,614	2,544	2,081
79	99	1 771	171,471	411,274	2,399	1,935
80	100	1 124	105,625	239,803	2,270	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 801 826,492	28,168	27,705
1	22	99 098	96 211,538	2 702 359,430	28,088	27,624
2	23	99 054	93 367,656	2 606 147,891	27,913	27,450
3	24	99 017	90 614,405	2 512 780,236	27,730	27,267
4	25	98 987	87 948,908	2 422 165,830	27,541	27,077
5	26	98 957	85 361,466	2 334 216,923	27,345	26,882
6	27	98 929	82 851,277	2 248 855,456	27,143	26,680
7	28	98 897	80 412,223	2 166 004,180	26,936	26,473
8	29	98 864	78 044,077	2 085 591,957	26,723	26,260
9	30	98 830	75 745,170	2 007 547,880	26,504	26,041
10	31	98 793	73 511,252	1 931 802,710	26,279	25,816
11	32	98 754	71 341,879	1 858 291,459	26,048	25,584
12	33	98 711	69 233,739	1 786 949,580	25,810	25,347
13	34	98 668	67 188,025	1 717 715,840	25,566	25,103
14	35	98 620	65 199,343	1 650 527,816	25,315	24,852
15	36	98 568	63 267,214	1 585 328,472	25,058	24,594
16	37	98 507	61 386,453	1 522 061,258	24,795	24,332
17	38	98 437	59 555,726	1 460 674,805	24,526	24,063
18	39	98 350	57 770,286	1 401 119,079	24,253	23,790
19	40	98 254	56 032,756	1 343 348,793	23,974	23,511
20	41	98 146	54 341,113	1 287 316,037	23,690	23,226
21	42	98 027	52 694,352	1 232 974,924	23,399	22,935
22	43	97 902	51 094,253	1 180 280,572	23,100	22,637
23	44	97 770	49 539,076	1 129 186,319	22,794	22,331
24	45	97 625	48 025,066	1 079 647,243	22,481	22,018
25	46	97 469	46 551,917	1 031 622,177	22,161	21,697
26	47	97 299	45 116,931	985 070,260	21,834	21,370
27	48	97 113	43 719,328	939 953,328	21,500	21,036
28	49	96 907	42 355,691	896 234,000	21,160	20,696
29	50	96 681	41 026,397	853 878,309	20,813	20,350
30	51	96 436	39 730,196	812 851,913	20,459	19,996
31	52	96 167	38 465,633	773 121,717	20,099	19,636
32	53	95 865	37 227,938	734 656,083	19,734	19,271
33	54	95 536	36 019,593	697 428,145	19,362	18,899
34	55	95 181	34 840,474	661 408,552	18,984	18,521
35	56	94 789	33 686,476	626 568,079	18,600	18,137
36	57	94 362	32 558,031	592 881,603	18,210	17,747
37	58	93 902	31 455,609	560 323,572	17,813	17,350
38	59	93 400	30 376,242	528 867,963	17,411	16,947
39	60	92 852	29 318,251	498 491,721	17,003	16,540
40	61	92 250	28 279,972	469 173,470	16,590	16,127
41	62	91 619	27 268,351	440 893,498	16,169	15,705
42	63	90 942	26 278,401	413 625,147	15,740	15,277
43	64	90 208	25 307,258	387 346,746	15,306	14,843
44	65	89 404	24 351,158	362 039,488	14,867	14,404
45	66	88 529	23 410,368	337 688,330	14,425	13,962
46	67	87 576	22 483,912	314 277,962	13,978	13,515
47	68	86 537	21 570,191	291 794,051	13,528	13,064
48	69	85 440	20 676,492	270 223,859	13,069	12,606
49	70	84 251	19 794,712	249 547,368	12,607	12,144
50	71	82 962	18 924,282	229 752,655	12,141	11,677
51	72	81 563	18 063,300	210 828,374	11,672	11,208
52	73	80 078	17 217,751	192 765,073	11,196	10,732
53	74	78 489	16 384,619	175 547,323	10,714	10,251
54	75	76 762	15 557,285	159 162,703	10,231	9,768
55	76	74 878	14 733,574	143 605,418	9,747	9,284
56	77	72 794	13 906,202	128 871,845	9,267	8,804
57	78	70 529	13 081,075	114 965,643	8,789	8,325
58	79	68 030	12 250,125	101 884,568	8,317	7,854
59	80	65 235	11 404,677	89 634,443	7,859	7,396
60	81	62 149	10 548,738	78 229,766	7,416	6,953
61	82	58 814	9 691,923	67 681,027	6,983	6,520
62	83	55 239	8 837,749	57 989,104	6,562	6,098
63	84	51 400	7 983,968	49 151,356	6,156	5,693
64	85	47 318	7 135,881	41 167,388	5,769	5,306
65	86	43 041	6 301,774	34 031,507	5,400	4,937
66	87	38 612	5 488,611	27 729,732	5,052	4,589
67	88	34 137	4 711,244	22 241,122	4,721	4,258
68	89	29 675	3 976,119	17 529,878	4,409	3,946
69	90	25 308	3 292,177	13 553,759	4,117	3,654
70	91	21 119	2 667,242	10 261,582	3,847	3,384
71	92	17 191	2 107,923	7 594,340	3,603	3,140
72	93	13 626	1 622,129	5 486,417	3,382	2,919
73	94	10 494	1 212,854	3 864,288	3,186	2,723
74	95	7 799	875,122	2 651,435	3,030	2,567
75	96	5 675	618,318	1 776,313	2,873	2,410
76	97	4 005	423,610	1 157,995	2,734	2,270
77	98	2 786	286,135	734,385	2,567	2,103
78	99	1 857	185,178	448,251	2,421	1,957
79	100	1 186	114,795	263,073	2,292	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 786 909,408	28,023	27,560
1	23	99 081	96 194,889	2 687 458,812	27,938	27,474
2	24	99 032	93 347,396	2 591 263,923	27,759	27,296
3	25	99 000	90 599,040	2 497 916,527	27,571	27,108
4	26	98 969	87 932,509	2 407 317,487	27,377	26,914
5	27	98 938	85 344,857	2 319 384,978	27,177	26,713
6	28	98 907	82 833,179	2 234 040,121	26,970	26,507
7	29	98 872	80 392,168	2 151 206,941	26,759	26,296
8	30	98 838	78 023,881	2 070 814,773	26,541	26,078
9	31	98 801	75 722,678	1 992 790,892	26,317	25,854
10	32	98 761	73 487,787	1 917 068,214	26,087	25,624
11	33	98 720	71 317,120	1 843 580,427	25,850	25,387
12	34	98 676	69 209,089	1 772 263,307	25,607	25,144
13	35	98 629	67 161,747	1 703 054,218	25,358	24,894
14	36	98 580	65 173,102	1 635 892,471	25,101	24,638
15	37	98 522	63 237,551	1 570 719,369	24,838	24,375
16	38	98 462	61 358,202	1 507 481,818	24,569	24,105
17	39	98 379	59 520,847	1 446 123,616	24,296	23,833
18	40	98 291	57 735,872	1 386 602,770	24,016	23,553
19	41	98 187	55 994,727	1 328 866,898	23,732	23,269
20	42	98 071	54 299,658	1 272 872,171	23,442	22,978
21	43	97 946	52 650,626	1 218 572,513	23,145	22,681
22	44	97 814	51 048,272	1 165 921,887	22,840	22,376
23	45	97 670	49 488,544	1 114 873,615	22,528	22,065
24	46	97 517	47 971,664	1 065 385,071	22,209	21,745
25	47	97 346	46 492,809	1 017 413,407	21,883	21,420
26	48	97 159	45 052,254	970 920,598	21,551	21,088
27	49	96 958	43 649,395	925 868,344	21,211	20,748
28	50	96 731	42 278,966	882 218,948	20,867	20,403
29	51	96 491	40 945,547	839 939,982	20,514	20,050
30	52	96 223	39 642,441	798 994,435	20,155	19,692
31	53	95 931	38 371,189	759 351,994	19,790	19,326
32	54	95 603	37 126,189	720 980,806	19,420	18,957
33	55	95 249	35 911,187	683 854,617	19,043	18,580
34	56	94 866	34 725,034	647 943,430	18,659	18,196
35	57	94 446	33 564,569	613 218,396	18,270	17,807
36	58	93 986	32 428,050	579 653,828	17,875	17,412
37	59	93 488	31 316,872	547 225,778	17,474	17,011
38	60	92 949	30 229,524	515 908,905	17,066	16,603
39	61	92 351	29 160,196	485 679,381	16,656	16,192
40	62	91 734	28 121,742	456 519,185	16,234	15,770
41	63	91 062	27 102,651	428 397,443	15,806	15,343
42	64	90 343	26 105,373	401 294,791	15,372	14,909
43	65	89 551	25 122,835	375 189,418	14,934	14,471
44	66	88 688	24 156,052	350 066,583	14,492	14,029
45	67	87 755	23 205,868	325 910,531	14,044	13,581
46	68	86 727	22 265,944	302 704,662	13,595	13,132
47	69	85 653	21 349,857	280 438,719	13,135	12,672
48	70	84 486	20 445,490	259 088,862	12,672	12,209
49	71	83 224	19 553,543	238 643,372	12,205	11,741
50	72	81 851	18 670,879	219 089,830	11,734	11,271
51	73	80 388	17 803,020	200 418,951	11,258	10,794
52	74	78 838	16 951,172	182 615,930	10,773	10,310
53	75	77 146	16 104,305	165 664,758	10,287	9,824
54	76	75 298	15 260,646	149 560,453	9,800	9,337
55	77	73 244	14 411,997	134 299,807	9,319	8,855
56	78	71 014	13 566,169	119 887,810	8,837	8,374
57	79	68 547	12 713,493	106 321,641	8,363	7,900
58	80	65 790	11 846,810	93 608,148	7,902	7,438
59	81	62 729	10 966,647	81 761,337	7,455	6,992
60	82	59 411	10 083,934	70 794,690	7,021	6,557
61	83	55 853	9 204,017	60 710,757	6,596	6,133
62	84	52 031	8 324,435	51 506,740	6,187	5,724
63	85	47 945	7 447,278	43 182,305	5,798	5,335
64	86	43 664	6 584,839	35 735,026	5,427	4,964
65	87	39 214	5 741,498	29 150,188	5,077	4,614
66	88	34 705	4 933,218	23 408,689	4,745	4,282
67	89	30 218	4 170,275	18 475,471	4,430	3,967
68	90	25 790	3 455,573	14 305,196	4,140	3,677
69	91	21 564	2 805,143	10 849,624	3,868	3,405
70	92	17 585	2 220,919	8 044,481	3,622	3,159
71	93	13 967	1 712,564	5 823,562	3,400	2,937
72	94	10 775	1 282,782	4 110,998	3,205	2,742
73	95	8 026	927,624	2 828,216	3,049	2,586
74	96	5 857	657,187	1 900,592	2,892	2,429
75	97	4 146	451,690	1 243,405	2,753	2,290
76	98	2 895	306,246	791,715	2,585	2,122
77	99	1 937	198,941	485,468	2,440	1,977
78	100	1 243	123,972	286,528	2,311	1,848

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 771 397,360	27,872	27,409
1	24	99 059	96 174,016	2 671 963,974	27,783	27,319
2	25	99 015	93 331,568	2 575 789,958	27,598	27,135
3	26	98 982	90 582,146	2 482 458,390	27,406	26,942
4	27	98 950	87 915,400	2 391 876,244	27,207	26,743
5	28	98 916	85 326,216	2 303 960,844	27,002	26,539
6	29	98 882	82 812,521	2 218 634,629	26,791	26,328
7	30	98 847	80 371,364	2 135 822,107	26,574	26,111
8	31	98 809	78 000,713	2 055 450,743	26,352	25,888
9	32	98 769	75 698,508	1 977 450,030	26,123	25,659
10	33	98 727	73 462,283	1 901 751,522	25,887	25,424
11	34	98 684	71 291,728	1 828 289,238	25,645	25,182
12	35	98 637	69 182,020	1 756 997,511	25,397	24,934
13	36	98 590	67 134,715	1 687 815,491	25,141	24,678
14	37	98 534	65 142,546	1 620 680,776	24,879	24,416
15	38	98 477	63 208,448	1 555 538,230	24,610	24,146
16	39	98 404	61 322,266	1 492 329,782	24,336	23,873
17	40	98 320	59 485,390	1 431 007,515	24,056	23,593
18	41	98 225	57 696,687	1 371 522,126	23,771	23,308
19	42	98 112	55 952,011	1 313 825,439	23,481	23,018
20	43	97 990	54 254,599	1 257 873,428	23,185	22,721
21	44	97 858	52 603,244	1 203 618,828	22,881	22,418
22	45	97 714	50 996,200	1 151 015,584	22,571	22,107
23	46	97 561	49 433,515	1 100 019,384	22,253	21,789
24	47	97 393	47 910,753	1 050 585,869	21,928	21,465
25	48	97 206	46 426,159	1 002 675,116	21,597	21,134
26	49	97 004	44 980,190	956 248,957	21,259	20,796
27	50	96 782	43 570,327	911 268,767	20,915	20,452
28	51	96 541	42 195,648	867 698,440	20,564	20,100
29	52	96 278	40 855,108	825 502,792	20,206	19,742
30	53	95 986	39 545,107	784 647,684	19,842	19,379
31	54	95 669	38 266,315	745 102,577	19,472	19,008
32	55	95 315	37 014,452	706 836,263	19,096	18,633
33	56	94 933	35 792,199	669 821,810	18,714	18,251
34	57	94 522	34 599,368	634 029,611	18,325	17,862
35	58	94 069	33 430,570	599 430,243	17,931	17,467
36	59	93 571	32 285,024	565 999,674	17,531	17,068
37	60	93 036	31 165,612	533 714,649	17,125	16,662
38	61	92 448	30 066,557	502 549,038	16,715	16,251
39	62	91 834	28 997,041	472 482,481	16,294	15,831
40	63	91 177	27 950,857	443 485,440	15,867	15,403
41	64	90 463	26 924,196	415 534,583	15,434	14,970
42	65	89 684	25 915,134	388 610,387	14,995	14,532
43	66	88 833	24 921,547	362 695,253	14,553	14,090
44	67	87 913	23 945,039	337 773,706	14,106	13,643
45	68	86 904	22 980,901	313 828,667	13,656	13,193
46	69	85 841	22 038,502	290 847,766	13,197	12,734
47	70	84 696	21 111,332	268 809,264	12,733	12,270
48	71	83 457	20 196,392	247 697,932	12,264	11,801
49	72	82 110	19 291,714	227 501,540	11,793	11,329

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	73	80 672	18 401,844	208 209,826	11,315	10,851
51	74	79 144	17 527,381	189 807,982	10,829	10,366
52	75	77 489	16 661,165	172 280,602	10,340	9,877
53	76	75 675	15 797,235	155 619,437	9,851	9,388
54	77	73 654	14 927,566	139 822,202	9,367	8,903
55	78	71 453	14 059,597	124 894,636	8,883	8,420
56	79	69 018	13 184,957	110 835,039	8,406	7,943
57	80	66 290	12 294,923	97 650,082	7,942	7,479
58	81	63 263	11 391,798	85 355,159	7,493	7,029
59	82	59 965	10 483,428	73 963,361	7,055	6,592
60	83	56 420	9 576,293	63 479,933	6,629	6,166
61	84	52 609	8 669,430	53 903,640	6,218	5,754
62	85	48 533	7 764,859	45 234,210	5,826	5,362
63	86	44 243	6 872,190	37 469,351	5,452	4,989
64	87	39 782	5 999,396	30 597,161	5,100	4,637
65	88	35 246	5 160,516	24 597,765	4,767	4,303
66	89	30 720	4 366,761	19 437,250	4,451	3,988
67	90	26 261	3 624,310	15 070,489	4,158	3,695
68	91	21 975	2 944,366	11 446,178	3,887	3,424
69	92	17 955	2 335,744	8 501,812	3,640	3,177
70	93	14 287	1 804,367	6 166,068	3,417	2,954
71	94	11 045	1 354,299	4 361,701	3,221	2,757
72	95	8 241	981,107	3 007,403	3,065	2,602
73	96	6 027	696,614	2 026,296	2,909	2,446
74	97	4 278	480,085	1 329,681	2,770	2,306
75	98	2 997	326,547	849,597	2,602	2,139
76	99	2 013	212,924	523,050	2,457	1,993
77	100	1 297	133,185	310,126	2,329	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 755 279,504	27,716	27,253
1	25	99 042	96 157,708	2 655 867,694	27,620	27,157
2	26	98 997	93 314,165	2 559 709,985	27,431	26,968
3	27	98 962	90 564,522	2 466 395,821	27,234	26,770
4	28	98 928	87 896,196	2 375 831,299	27,030	26,567
5	29	98 892	85 304,936	2 287 935,102	26,821	26,357
6	30	98 857	82 791,091	2 202 630,167	26,605	26,141
7	31	98 817	80 347,499	2 119 839,076	26,383	25,920
8	32	98 777	77 975,815	2 039 491,576	26,155	25,692
9	33	98 735	75 672,237	1 961 515,761	25,921	25,458
10	34	98 692	73 436,127	1 885 843,524	25,680	25,217
11	35	98 646	71 263,844	1 812 407,396	25,432	24,969
12	36	98 597	69 154,175	1 741 143,552	25,178	24,714
13	37	98 543	67 103,239	1 671 989,376	24,917	24,453
14	38	98 489	65 112,566	1 604 886,137	24,648	24,185
15	39	98 419	63 171,429	1 539 773,572	24,375	23,911
16	40	98 346	61 285,737	1 476 602,142	24,094	23,631
17	41	98 254	59 445,017	1 415 316,406	23,809	23,346
18	42	98 150	57 652,672	1 355 871,388	23,518	23,055
19	43	98 031	55 905,581	1 298 218,716	23,222	22,758
20	44	97 902	54 205,774	1 242 313,135	22,918	22,455
21	45	97 758	52 549,587	1 188 107,361	22,609	22,146
22	46	97 605	50 939,495	1 135 557,774	22,292	21,829
23	47	97 437	49 370,747	1 084 618,279	21,969	21,506
24	48	97 253	47 842,071	1 035 247,532	21,639	21,176
25	49	97 051	46 351,897	987 405,461	21,302	20,839
26	50	96 828	44 898,711	941 053,564	20,959	20,496
27	51	96 592	43 484,464	896 154,853	20,609	20,145
28	52	96 327	42 102,447	852 670,389	20,252	19,789
29	53	96 041	40 754,796	810 567,941	19,889	19,426
30	54	95 724	39 437,024	769 813,145	19,520	19,057
31	55	95 381	38 151,147	730 376,121	19,144	18,681
32	56	94 999	36 891,809	692 224,974	18,764	18,300
33	57	94 589	35 662,671	655 333,165	18,376	17,913
34	58	94 145	34 461,237	619 670,493	17,982	17,518
35	59	93 654	33 283,122	585 209,256	17,583	17,120
36	60	93 119	32 129,088	551 926,134	17,178	16,715
37	61	92 535	30 997,597	519 797,047	16,769	16,306
38	62	91 931	29 898,331	488 799,449	16,349	15,885
39	63	91 276	28 820,837	458 901,118	15,923	15,459
40	64	90 576	27 766,817	430 080,281	15,489	15,026
41	65	89 803	26 727,990	402 313,465	15,052	14,589
42	66	88 966	25 707,498	375 585,475	14,610	14,147
43	67	88 057	24 703,847	349 877,977	14,163	13,700
44	68	87 061	23 712,906	325 174,130	13,713	13,250
45	69	86 017	22 746,156	301 461,224	13,253	12,790
46	70	84 882	21 792,283	278 715,067	12,790	12,326
47	71	83 665	20 854,121	256 922,784	12,320	11,857
48	72	82 339	19 925,955	236 068,663	11,847	11,384
49	73	80 927	19 013,733	216 142,708	11,368	10,904
50	74	79 423	18 116,933	197 128,975	10,881	10,418
51	75	77 790	17 227,515	179 012,042	10,391	9,928
52	76	76 012	16 343,478	161 784,527	9,899	9,436
53	77	74 024	15 452,443	145 441,050	9,412	8,949
54	78	71 853	14 562,559	129 988,606	8,926	8,463
55	79	69 445	13 664,519	115 426,047	8,447	7,984
56	80	66 746	12 750,864	101 761,528	7,981	7,518
57	81	63 744	11 822,700	89 010,664	7,529	7,066
58	82	60 476	10 889,846	77 187,964	7,088	6,625
59	83	56 946	9 955,676	66 298,117	6,659	6,196
60	84	53 143	9 020,084	56 342,441	6,246	5,783
61	85	49 073	8 086,663	47 322,358	5,852	5,389
62	86	44 786	7 165,246	39 235,695	5,476	5,013
63	87	40 309	6 261,199	32 070,449	5,122	4,659
64	88	35 757	5 392,317	25 809,250	4,786	4,323
65	89	31 199	4 567,959	20 416,933	4,470	4,006
66	90	26 698	3 795,073	15 848,974	4,176	3,713
67	91	22 376	3 088,141	12 053,901	3,903	3,440
68	92	18 298	2 451,671	8 965,760	3,657	3,194
69	93	14 588	1 897,656	6 514,089	3,433	2,969
70	94	11 298	1 426,896	4 616,433	3,235	2,772
71	95	8 447	1 035,805	3 189,537	3,079	2,616
72	96	6 189	736,779	2 153,733	2,923	2,460
73	97	4 403	508,887	1 416,954	2,784	2,321
74	98	3 093	347,074	908,067	2,616	2,153
75	99	2 084	227,038	560,993	2,471	2,008
76	100	1 348	142,547	333,954	2,343	1,880

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 738 548,396	27,552	27,089
1	26	99 024	96 139,779	2 639 153,443	27,451	26,988
2	27	98 978	93 296,009	2 543 013,665	27,257	26,794
3	28	98 941	90 544,740	2 449 717,656	27,055	26,592
4	29	98 903	87 874,276	2 359 172,917	26,847	26,384
5	30	98 866	85 282,861	2 271 298,641	26,633	26,169
6	31	98 828	82 766,508	2 186 015,780	26,412	25,949
7	32	98 786	80 321,853	2 103 249,273	26,185	25,722
8	33	98 743	77 948,754	2 022 927,420	25,952	25,489
9	34	98 700	75 645,294	1 944 978,666	25,712	25,249
10	35	98 653	73 407,405	1 869 333,372	25,465	25,002
11	36	98 606	71 235,162	1 795 925,966	25,211	24,748
12	37	98 551	69 121,753	1 724 690,804	24,951	24,488
13	38	98 498	67 072,357	1 655 569,051	24,683	24,220
14	39	98 431	65 074,432	1 588 496,695	24,410	23,947
15	40	98 360	63 133,798	1 523 422,263	24,130	23,667
16	41	98 279	61 244,142	1 460 288,465	23,844	23,381
17	42	98 179	59 399,669	1 399 044,323	23,553	23,090
18	43	98 068	57 604,831	1 339 644,654	23,256	22,793
19	44	97 943	55 855,270	1 282 039,823	22,953	22,490
20	45	97 802	54 150,482	1 226 184,552	22,644	22,181
21	46	97 649	52 491,154	1 172 034,070	22,328	21,865
22	47	97 481	50 874,815	1 119 542,917	22,006	21,543
23	48	97 298	49 299,972	1 068 668,101	21,677	21,214
24	49	97 098	47 765,544	1 019 368,129	21,341	20,878
25	50	96 875	46 267,933	971 602,585	20,999	20,536
26	51	96 637	44 810,230	925 334,652	20,650	20,187
27	52	96 378	43 388,417	880 524,421	20,294	19,831
28	53	96 091	41 999,073	837 136,005	19,932	19,469
29	54	95 779	40 643,407	795 136,932	19,564	19,101
30	55	95 436	39 318,333	754 493,524	19,189	18,726
31	56	95 065	38 024,737	715 175,191	18,808	18,345
32	57	94 656	36 758,302	677 150,454	18,422	17,958
33	58	94 212	35 520,296	640 392,152	18,029	17,566
34	59	93 730	34 309,244	604 871,856	17,630	17,167
35	60	93 202	33 122,364	570 562,612	17,226	16,763
36	61	92 617	31 955,879	537 440,247	16,818	16,355
37	62	92 017	30 824,162	505 484,368	16,399	15,936
38	63	91 372	29 716,650	474 660,206	15,973	15,510
39	64	90 675	28 631,069	444 943,556	15,541	15,077
40	65	89 916	27 564,470	416 312,487	15,103	14,640
41	66	89 084	26 513,841	388 748,017	14,662	14,199
42	67	88 189	25 482,932	362 234,176	14,215	13,752
43	68	87 204	24 464,358	336 751,244	13,765	13,302
44	69	86 171	23 470,684	312 286,886	13,305	12,842
45	70	85 056	22 492,032	288 816,202	12,841	12,378
46	71	83 848	21 526,776	266 324,171	12,372	11,909
47	72	82 544	20 574,877	244 797,394	11,898	11,435
48	73	81 153	19 638,835	224 222,517	11,417	10,954
49	74	79 674	18 719,348	204 583,682	10,929	10,466
50	75	78 064	17 806,981	185 864,334	10,438	9,974
51	76	76 306	16 899,029	168 057,353	9,945	9,482
52	77	74 353	15 986,763	151 158,324	9,455	8,992
53	78	72 214	15 074,602	135 171,561	8,967	8,504
54	79	69 834	14 153,347	120 096,958	8,485	8,022
55	80	67 159	13 214,638	105 943,611	8,017	7,554
56	81	64 182	12 261,130	92 728,973	7,563	7,100
57	82	60 935	11 301,762	80 467,843	7,120	6,657
58	83	57 431	10 341,635	69 166,082	6,688	6,225
59	84	53 639	9 377,431	58 824,447	6,273	5,810
60	85	49 570	8 413,745	49 447,016	5,877	5,414
61	86	45 283	7 462,200	41 033,271	5,499	5,036
62	87	40 804	6 528,201	33 571,071	5,142	4,679
63	88	36 230	5 627,628	27 042,870	4,805	4,342
64	89	31 651	4 773,144	21 415,242	4,487	4,023
65	90	27 115	3 969,931	16 642,098	4,192	3,729
66	91	22 748	3 233,641	12 672,168	3,919	3,456
67	92	18 632	2 571,387	9 438,526	3,671	3,207
68	93	14 866	1 991,839	6 867,139	3,448	2,984
69	94	11 536	1 500,669	4 875,300	3,249	2,786
70	95	8 641	1 091,329	3 374,631	3,092	2,629
71	96	6 344	777,855	2 283,301	2,935	2,472
72	97	4 521	538,227	1 505,447	2,797	2,334
73	98	3 183	367,897	967,219	2,629	2,166
74	99	2 150	241,310	599,322	2,484	2,020
75	100	1 395	151,996	358,012	2,355	1,892

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	96 743,049	2 899 733,953	29,974	29,510
2	1	99 313	93 612,009	2 802 990,904	29,943	29,479
3	2	99 275	90 850,274	2 709 378,894	29,822	29,359
4	3	99 250	88 182,292	2 618 528,620	29,694	29,231
5	4	99 227	85 593,747	2 530 346,328	29,562	29,099
6	5	99 208	83 085,339	2 444 752,580	29,425	28,961
7	6	99 191	80 650,963	2 361 667,242	29,283	28,819
8	7	99 176	78 290,159	2 281 016,278	29,135	28,672
9	8	99 163	75 999,925	2 202 726,119	28,983	28,520
10	9	99 149	73 775,833	2 126 726,194	28,827	28,364
11	10	99 135	71 616,880	2 052 950,361	28,666	28,203
12	11	99 120	69 520,622	1 981 333,481	28,500	28,037
13	12	99 105	67 485,434	1 911 812,859	28,329	27,866
14	13	99 087	65 508,390	1 844 327,425	28,154	27,691
15	14	99 067	63 587,246	1 778 819,035	27,974	27,511
16	15	99 042	61 719,434	1 715 231,789	27,791	27,328
17	16	99 004	59 898,853	1 653 512,354	27,605	27,142
18	17	98 961	58 128,971	1 593 613,502	27,415	26,952
19	18	98 908	56 406,000	1 535 484,531	27,222	26,759
20	19	98 847	54 729,092	1 479 078,531	27,025	26,562
21	20	98 783	53 100,839	1 424 349,439	26,823	26,360
22	21	98 721	51 521,616	1 371 248,600	26,615	26,152
23	22	98 660	49 990,148	1 319 726,984	26,400	25,937
24	23	98 598	48 503,442	1 269 736,836	26,178	25,715
25	24	98 528	47 057,744	1 221 233,393	25,952	25,489
26	25	98 464	45 657,405	1 174 175,650	25,717	25,254
27	26	98 399	44 298,313	1 128 518,245	25,475	25,012
28	27	98 328	42 977,011	1 084 219,932	25,228	24,765
29	28	98 256	41 694,652	1 041 242,921	24,973	24,510
30	29	98 175	40 446,976	999 548,268	24,713	24,249
31	30	98 093	39 236,130	959 101,292	24,444	23,981
32	31	97 997	38 055,805	919 865,163	24,171	23,708
33	32	97 897	36 909,716	881 809,358	23,891	23,428
34	33	97 793	35 796,803	844 899,642	23,603	23,139
35	34	97 680	34 713,827	809 102,839	23,308	22,845
36	35	97 555	33 659,655	774 389,012	23,006	22,543
37	36	97 429	32 637,140	740 729,357	22,696	22,233
38	37	97 292	31 642,012	708 092,217	22,378	21,915
39	38	97 145	30 674,035	676 450,205	22,053	21,590
40	39	96 983	29 730,692	645 776,170	21,721	21,258
41	40	96 803	28 811,302	616 045,478	21,382	20,919
42	41	96 609	27 916,129	587 234,175	21,036	20,572
43	42	96 392	27 042,009	559 318,046	20,683	20,220
44	43	96 154	26 189,631	532 276,038	20,324	19,861
45	44	95 895	25 358,330	506 086,406	19,957	19,494
46	45	95 601	24 544,346	480 728,077	19,586	19,123
47	46	95 286	23 750,961	456 183,730	19,207	18,744
48	47	94 929	22 972,660	432 432,770	18,824	18,361
49	48	94 529	22 209,558	409 460,110	18,436	17,973
50	49	94 081	21 460,440	387 250,551	18,045	17,582
51	50	93 580	20 724,476	365 790,111	17,650	17,187
52	51	93 035	20 003,666	345 065,635	17,250	16,787
53	52	92 418	19 292,383	325 061,969	16,849	16,386
54	53	91 732	18 591,314	305 769,586	16,447	15,984
55	54	90 971	17 900,149	287 178,272	16,043	15,580
56	55	90 140	17 219,953	269 278,123	15,638	15,174
57	56	89 227	16 549,192	252 058,169	15,231	14,768
58	57	88 234	15 888,317	235 508,978	14,823	14,360
59	58	87 140	15 234,288	219 620,661	14,416	13,953
60	59	85 953	14 589,120	204 386,373	14,010	13,546
61	60	84 679	13 954,245	189 797,253	13,601	13,138
62	61	83 297	13 326,711	175 843,008	13,195	12,732
63	62	81 827	12 710,137	162 516,297	12,786	12,323
64	63	80 267	12 104,675	149 806,159	12,376	11,913
65	64	78 600	11 508,053	137 701,484	11,966	11,502
66	65	76 828	10 921,004	126 193,432	11,555	11,092
67	66	74 967	10 346,041	115 272,427	11,142	10,678
68	67	72 978	9 778,190	104 926,386	10,731	10,267
69	68	70 918	9 225,520	95 148,197	10,314	9,850
70	69	68 746	8 682,388	85 922,677	9,896	9,433
71	70	66 455	8 148,580	77 240,288	9,479	9,016
72	71	64 044	7 624,243	69 091,709	9,062	8,599
73	72	61 534	7 112,094	61 467,466	8,643	8,179
74	73	58 931	6 612,881	54 355,372	8,220	7,756
75	74	56 225	6 125,433	47 742,492	7,794	7,331
76	75	53 382	5 646,350	41 617,059	7,371	6,907
77	76	50 393	5 174,951	35 970,710	6,951	6,488
78	77	47 260	4 711,815	30 795,758	6,536	6,073
79	78	43 972	4 256,354	26 083,943	6,128	5,665
80	79	40 502	3 806,301	21 827,590	5,735	5,271
81	80	36 874	3 364,402	18 021,289	5,356	4,893
82	81	33 099	2 931,975	14 656,887	4,999	4,536
83	82	29 275	2 517,686	11 724,912	4,657	4,194
84	83	25 443	2 124,451	9 207,226	4,334	3,871
85	84	21 681	1 757,584	7 082,775	4,030	3,567
86	85	18 049	1 420,558	5 325,190	3,749	3,285
87	86	14 656	1 119,932	3 904,632	3,486	3,023
88	87	11 578	858,898	2 784,700	3,242	2,779
89	88	8 871	638,924	1 925,803	3,014	2,551
90	89	6 577	459,891	1 286,879	2,798	2,335
91	90	4 689	318,367	826,988	2,598	2,134
92	91	3 187	210,061	508,621	2,421	1,958
93	92	2 059	131,738	298,560	2,266	1,803
94	93	1 265	78,575	166,822	2,123	1,660
95	94	727	43,828	88,248	2,014	1,550
96	95	397	23,239	44,420	1,911	1,448
97	96	205	11,647	21,181	1,819	1,355
98	97	99	5,468	9,535	1,744	1,280
99	98	46	2,450	4,066	1,660	1,196
100	99	20	1,018	1,616	1,588	1,125

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	93 899,705	2 807 311,230	29,897	29,434
3	1	99 297	90 871,271	2 713 411,525	29,860	29,397
4	2	99 262	88 192,794	2 622 540,254	29,736	29,273
5	3	99 238	85 603,946	2 534 347,460	29,605	29,142
6	4	99 217	83 092,895	2 448 743,514	29,470	29,007
7	5	99 198	80 657,012	2 365 650,619	29,330	28,867
8	6	99 182	78 295,313	2 284 993,607	29,184	28,721
9	7	99 168	76 003,671	2 206 698,294	29,034	28,571
10	8	99 155	73 780,401	2 130 694,622	28,879	28,416
11	9	99 141	71 621,514	2 056 914,221	28,719	28,256
12	10	99 126	69 524,742	1 985 292,707	28,555	28,092
13	11	99 112	67 490,461	1 915 767,965	28,386	27,923
14	12	99 095	65 513,573	1 848 277,504	28,212	27,749
15	13	99 075	63 592,697	1 782 763,931	28,034	27,571
16	14	99 052	61 725,911	1 719 171,234	27,852	27,388
17	15	99 016	59 906,347	1 657 445,322	27,667	27,204
18	16	98 975	58 137,174	1 597 538,975	27,479	27,016
19	17	98 923	56 414,260	1 539 401,801	27,287	26,824
20	18	98 867	54 740,240	1 482 987,541	27,091	26,628
21	19	98 802	53 111,091	1 428 247,302	26,892	26,428
22	20	98 739	51 531,158	1 375 136,211	26,686	26,222
23	21	98 676	49 998,426	1 323 605,053	26,473	26,010
24	22	98 615	48 511,837	1 273 606,627	26,254	25,790
25	23	98 550	47 067,957	1 225 094,790	26,028	25,565
26	24	98 481	45 665,148	1 178 026,833	25,797	25,334
27	25	98 418	44 306,574	1 132 361,685	25,557	25,094
28	26	98 347	42 985,375	1 088 055,111	25,312	24,849
29	27	98 278	41 703,762	1 045 069,736	25,059	24,596
30	28	98 200	40 457,066	1 003 365,974	24,801	24,338
31	29	98 119	39 246,286	962 908,908	24,535	24,072
32	30	98 026	38 067,108	923 662,622	24,264	23,801
33	31	97 928	36 921,501	885 595,514	23,986	23,523
34	32	97 827	35 809,230	848 674,013	23,700	23,237
35	33	97 715	34 726,191	812 864,783	23,408	22,945
36	34	97 593	33 672,825	778 138,592	23,109	22,646
37	35	97 468	32 650,281	744 465,767	22,801	22,338
38	36	97 338	31 656,854	711 815,486	22,485	22,022
39	37	97 190	30 688,159	680 158,632	22,164	21,700
40	38	97 039	29 748,115	649 470,473	21,832	21,369
41	39	96 861	28 828,475	619 722,358	21,497	21,034
42	40	96 675	27 935,089	590 893,883	21,152	20,689
43	41	96 465	27 062,654	562 958,794	20,802	20,339
44	42	96 234	26 211,382	535 896,141	20,445	19,982
45	43	95 981	25 381,171	509 684,759	20,081	19,618
46	44	95 699	24 569,408	484 303,588	19,712	19,248
47	45	95 392	23 777,400	459 734,180	19,335	18,872
48	46	95 050	23 001,866	435 956,780	18,953	18,490
49	47	94 664	22 241,443	412 954,913	18,567	18,104
50	48	94 231	21 494,823	390 713,471	18,177	17,714
51	49	93 750	20 762,086	369 218,648	17,783	17,320
52	50	93 218	20 043,164	348 456,562	17,385	16,922
53	51	92 623	19 335,090	328 413,398	16,985	16,522
54	52	91 958	18 637,074	309 078,308	16,584	16,121
55	53	91 221	17 949,207	290 441,234	16,181	15,718
56	54	90 412	17 271,935	272 492,028	15,777	15,313
57	55	89 524	16 604,208	255 220,092	15,371	14,908
58	56	88 555	15 946,024	238 615,884	14,964	14,501
59	57	87 489	15 295,351	222 669,861	14,558	14,095
60	58	86 334	14 653,752	207 374,510	14,152	13,688
61	59	85 090	14 021,971	192 720,758	13,744	13,281
62	60	83 749	13 398,945	178 698,787	13,337	12,874
63	61	82 287	12 781,652	165 299,842	12,933	12,469
64	62	80 757	12 178,681	152 518,190	12,523	12,060
65	63	79 121	11 584,329	140 339,509	12,115	11,651
66	64	77 392	11 001,174	128 755,180	11,704	11,241
67	65	75 572	10 429,605	117 754,007	11,290	10,827
68	66	73 621	9 864,359	107 324,402	10,880	10,417
69	67	71 613	9 315,831	97 460,043	10,462	9,999
70	68	69 455	8 771,992	88 144,211	10,048	9,585
71	69	67 205	8 240,646	79 372,219	9,632	9,169
72	70	64 834	7 718,279	71 131,574	9,216	8,753
73	71	62 369	7 208,620	63 413,295	8,797	8,334
74	72	59 793	6 709,561	56 204,675	8,377	7,914
75	73	57 109	6 221,763	49 495,115	7,955	7,492
76	74	54 311	5 744,631	43 273,352	7,533	7,070
77	75	51 373	5 275,543	37 528,721	7,114	6,650
78	76	48 314	4 816,950	32 253,178	6,696	6,233
79	77	45 074	4 363,038	27 436,228	6,288	5,825
80	78	41 673	3 916,352	23 073,190	5,892	5,428
81	79	38 130	3 478,940	19 156,838	5,507	5,043
82	80	34 421	3 049,084	15 677,898	5,142	4,679
83	81	30 624	2 633,735	12 628,814	4,795	4,332
84	82	26 792	2 237,068	9 995,079	4,468	4,005
85	83	23 018	1 865,963	7 758,010	4,158	3,694
86	84	19 350	1 522,931	5 892,047	3,869	3,406
87	85	15 883	1 213,652	4 369,116	3,600	3,137
88	86	12 707	942,712	3 155,464	3,347	2,884
89	87	9 869	710,855	2 212,752	3,113	2,650
90	88	7 430	519,548	1 501,897	2,891	2,428
91	89	5 396	366,326	982,349	2,682	2,218
92	90	3 740	246,532	616,023	2,499	2,036
93	91	2 472	158,212	369,491	2,335	1,872
94	92	1 557	96,714	211,279	2,185	1,721
95	93	919	55,422	114,565	2,067	1,604
96	94	519	30,384	59,143	1,947	1,483
97	95	273	15,509	28,759	1,854	1,391
98	96	136	7,485	13,250	1,770	1,307
99	97	63	3,389	5,765	1,701	1,238
100	98	28	1,464	2,376	1,623	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	91 150,543	2 717 410,297	29,812	29,349
4	1	99 285	88 213,176	2 626 259,753	29,772	29,309
5	2	99 250	85 614,141	2 538 046,577	29,645	29,182
6	3	99 229	83 102,795	2 452 432,436	29,511	29,048
7	4	99 207	80 664,347	2 369 329,641	29,373	28,909
8	5	99 190	78 301,185	2 288 665,294	29,229	28,766
9	6	99 174	76 008,675	2 210 364,109	29,080	28,617
10	7	99 160	73 784,039	2 134 355,434	28,927	28,464
11	8	99 147	71 625,949	2 060 571,395	28,769	28,305
12	9	99 132	69 529,241	1 988 945,447	28,606	28,143
13	10	99 118	67 494,460	1 919 416,206	28,438	27,975
14	11	99 103	65 518,453	1 851 921,745	28,266	27,802
15	12	99 083	63 597,729	1 786 403,292	28,089	27,626
16	13	99 060	61 731,203	1 722 805,564	27,908	27,445
17	14	99 026	59 912,634	1 661 074,361	27,725	27,262
18	15	98 987	58 144,448	1 601 161,726	27,538	27,074
19	16	98 937	56 422,221	1 543 017,278	27,348	26,884
20	17	98 881	54 748,256	1 486 595,057	27,153	26,690
21	18	98 822	53 121,909	1 431 846,801	26,954	26,491
22	19	98 758	51 541,106	1 378 724,893	26,750	26,287
23	20	98 694	50 007,686	1 327 183,786	26,540	26,076
24	21	98 631	48 519,870	1 277 176,101	26,323	25,860
25	22	98 567	47 076,103	1 228 656,231	26,099	25,636
26	23	98 502	45 675,059	1 181 580,127	25,869	25,406
27	24	98 434	44 314,088	1 135 905,069	25,633	25,170
28	25	98 366	42 993,392	1 091 590,980	25,390	24,927
29	26	98 297	41 711,878	1 048 597,588	25,139	24,676
30	27	98 221	40 465,905	1 006 885,711	24,882	24,419
31	28	98 143	39 256,076	966 419,806	24,618	24,155
32	29	98 051	38 076,962	927 163,730	24,350	23,887
33	30	97 957	36 932,467	889 086,768	24,073	23,610
34	31	97 859	35 820,664	852 154,301	23,789	23,326
35	32	97 749	34 738,247	816 333,636	23,500	23,036
36	33	97 628	33 684,818	781 595,390	23,203	22,740
37	34	97 507	32 663,056	747 910,571	22,898	22,435
38	35	97 377	31 669,600	715 247,515	22,585	22,121
39	36	97 236	30 702,554	683 577,915	22,265	21,801
40	37	97 084	29 761,812	652 875,361	21,937	21,473
41	38	96 918	28 845,369	623 113,549	21,602	21,139
42	39	96 732	27 951,739	594 268,180	21,261	20,797
43	40	96 531	27 081,033	566 316,441	20,912	20,449
44	41	96 307	26 231,393	539 235,407	20,557	20,094
45	42	96 061	25 402,250	513 004,014	20,195	19,732
46	43	95 785	24 591,539	487 601,764	19,828	19,365
47	44	95 490	23 801,679	463 010,225	19,453	18,990
48	45	95 155	23 027,472	439 208,547	19,073	18,610
49	46	94 785	22 269,719	416 181,075	18,688	18,225
50	47	94 367	21 525,681	393 911,356	18,300	17,836
51	48	93 900	20 795,349	372 385,675	17,907	17,444
52	49	93 388	20 079,537	351 590,326	17,510	17,047
53	50	92 806	19 373,269	331 510,788	17,112	16,649
54	51	92 161	18 678,330	312 137,520	16,711	16,248
55	52	91 445	17 993,386	293 459,190	16,309	15,846
56	53	90 660	17 319,271	275 465,804	15,905	15,442
57	54	89 794	16 654,331	258 146,533	15,500	15,037
58	55	88 849	15 999,035	241 492,201	15,094	14,631
59	56	87 807	15 350,904	225 493,167	14,689	14,226
60	57	86 680	14 712,488	210 142,262	14,283	13,820
61	58	85 467	14 084,090	195 429,774	13,876	13,413
62	59	84 155	13 463,976	181 345,684	13,469	13,006
63	60	82 733	12 850,932	167 881,708	13,064	12,601
64	61	81 212	12 247,205	155 030,777	12,658	12,195
65	62	79 604	11 655,153	142 783,572	12,251	11,787
66	63	77 905	11 074,090	131 128,419	11,841	11,378
67	64	76 127	10 506,167	120 054,329	11,427	10,964
68	65	74 215	9 944,032	109 548,162	11,016	10,553
69	66	72 244	9 397,926	99 604,130	10,599	10,135
70	67	70 135	8 857,864	90 206,204	10,184	9,721
71	68	67 899	8 325,691	81 348,340	9,771	9,308
72	69	65 566	7 805,483	73 022,649	9,355	8,892
73	70	63 138	7 297,529	65 217,166	8,937	8,474
74	71	60 604	6 800,624	57 919,637	8,517	8,054
75	72	57 944	6 312,725	51 119,013	8,098	7,635
76	73	55 166	5 834,973	44 806,288	7,679	7,216
77	74	52 267	5 367,370	38 971,316	7,261	6,798
78	75	49 253	4 910,583	33 603,946	6,843	6,380
79	76	46 080	4 460,391	28 693,363	6,433	5,970
80	77	42 718	4 014,514	24 232,972	6,036	5,573
81	78	39 232	3 579,526	20 218,458	5,648	5,185
82	79	35 593	3 152,888	16 638,932	5,277	4,814
83	80	31 847	2 738,932	13 486,045	4,924	4,461
84	81	28 027	2 340,183	10 747,113	4,592	4,129
85	82	24 238	1 964,878	8 406,930	4,279	3,815
86	83	20 543	1 616,840	6 442,052	3,984	3,521
87	84	17 028	1 301,114	4 825,211	3,709	3,245
88	85	13 771	1 021,601	3 524,097	3,450	2,986
89	86	10 833	780,223	2 502,496	3,207	2,744
90	87	8 266	578,040	1 722,273	2,980	2,516
91	88	6 096	413,845	1 144,233	2,765	2,302
92	89	4 304	283,670	730,388	2,575	2,112
93	90	2 902	185,681	446,718	2,406	1,943
94	91	1 869	116,150	261,037	2,247	1,784
95	92	1 131	68,216	144,887	2,124	1,661
96	93	656	38,422	76,670	1,995	1,532
97	94	357	20,278	38,248	1,886	1,423
98	95	181	9,968	17,971	1,803	1,340
99	96	87	4,640	8,003	1,725	1,262
100	97	39	2,025	3,363	1,661	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	88 484,280	2 629 956,691	29,722	29,259
5	1	99 273	85 633,927	2 541 472,411	29,678	29,215
6	2	99 241	83 112,692	2 455 838,484	29,548	29,085
7	3	99 219	80 673,958	2 372 725,792	29,411	28,948
8	4	99 199	78 308,306	2 292 051,834	29,270	28,806
9	5	99 182	76 014,376	2 213 743,528	29,123	28,659
10	6	99 166	73 788,896	2 137 729,152	28,971	28,508
11	7	99 152	71 629,480	2 063 940,256	28,814	28,351
12	8	99 138	69 533,546	1 992 310,777	28,653	28,189
13	9	99 124	67 498,828	1 922 777,231	28,486	28,023
14	10	99 108	65 522,336	1 855 278,403	28,315	27,852
15	11	99 091	63 602,466	1 789 756,067	28,140	27,677
16	12	99 068	61 736,087	1 726 153,601	27,960	27,497
17	13	99 035	59 917,770	1 664 417,514	27,778	27,315
18	14	98 997	58 150,551	1 604 499,744	27,592	27,129
19	15	98 949	56 429,280	1 546 349,193	27,403	26,940
20	16	98 895	54 755,982	1 489 919,913	27,210	26,747
21	17	98 837	53 129,688	1 435 163,931	27,012	26,549
22	18	98 778	51 551,604	1 382 034,243	26,809	26,346
23	19	98 714	50 017,340	1 330 482,639	26,600	26,137
24	20	98 649	48 528,856	1 280 465,298	26,386	25,922
25	21	98 583	47 083,898	1 231 936,442	26,165	25,701
26	22	98 519	45 682,964	1 184 852,544	25,936	25,473
27	23	98 456	44 323,706	1 139 169,580	25,701	25,238
28	24	98 382	43 000,683	1 094 845,874	25,461	24,998
29	25	98 315	41 719,657	1 051 845,191	25,212	24,749
30	26	98 240	40 473,780	1 010 125,534	24,958	24,494
31	27	98 165	39 264,652	969 651,754	24,695	24,232
32	28	98 076	38 086,460	930 387,101	24,428	23,965
33	29	97 983	36 942,027	892 300,641	24,154	23,691
34	30	97 888	35 831,304	855 358,614	23,872	23,409
35	31	97 780	34 749,339	819 527,310	23,584	23,121
36	32	97 662	33 696,513	784 777,971	23,290	22,826
37	33	97 541	32 674,690	751 081,459	22,987	22,523
38	34	97 415	31 681,992	718 406,769	22,676	22,212
39	35	97 275	30 714,916	686 724,777	22,358	21,895
40	36	97 130	29 775,772	656 009,861	22,032	21,568
41	37	96 962	28 858,650	626 234,089	21,700	21,237
42	38	96 789	27 968,119	597 375,439	21,359	20,896
43	39	96 588	27 097,175	569 407,319	21,014	20,550
44	40	96 373	26 249,208	542 310,144	20,660	20,197
45	41	96 134	25 421,643	516 060,936	20,300	19,837
46	42	95 865	24 611,962	490 639,293	19,935	19,472
47	43	95 576	23 823,118	466 027,331	19,562	19,099
48	44	95 252	23 050,985	442 204,213	19,184	18,721
49	45	94 890	22 294,510	419 153,228	18,801	18,338
50	46	94 487	21 553,047	396 858,718	18,413	17,950
51	47	94 035	20 825,203	375 305,671	18,022	17,558
52	48	93 537	20 111,708	354 480,468	17,626	17,162
53	49	92 974	19 408,426	334 368,760	17,228	16,765
54	50	92 343	18 715,211	314 960,334	16,829	16,366
55	51	91 647	18 033,217	296 245,123	16,428	15,965
56	52	90 883	17 361,900	278 211,906	16,024	15,561
57	53	90 040	16 699,975	260 850,006	15,620	15,157
58	54	89 117	16 047,331	244 150,031	15,214	14,751
59	55	88 099	15 401,937	228 102,700	14,810	14,347
60	56	86 995	14 765,924	212 700,763	14,405	13,942
61	57	85 810	14 140,543	197 934,839	13,998	13,534
62	58	84 528	13 523,623	183 794,296	13,591	13,127
63	59	83 135	12 913,303	170 270,673	13,186	12,722
64	60	81 652	12 313,588	157 357,370	12,779	12,316
65	61	80 052	11 720,731	145 043,782	12,375	11,912
66	62	78 381	11 141,795	133 323,051	11,966	11,503
67	63	76 632	10 575,802	122 181,256	11,553	11,090
68	64	74 760	10 017,030	111 605,453	11,142	10,678
69	65	72 827	9 473,832	101 588,424	10,723	10,260
70	66	70 753	8 935,923	92 114,592	10,308	9,845
71	67	68 564	8 407,194	83 178,669	9,894	9,431
72	68	66 243	7 886,037	74 771,475	9,482	9,018
73	69	63 852	7 379,980	66 885,438	9,063	8,600
74	70	61 352	6 884,501	59 505,458	8,643	8,180
75	71	58 730	6 398,402	52 620,957	8,224	7,761
76	72	55 972	5 920,280	46 222,555	7,807	7,344
77	73	53 089	5 451,779	40 302,275	7,393	6,929
78	74	50 111	4 996,057	34 850,497	6,976	6,512
79	75	46 976	4 547,093	29 854,439	6,566	6,102
80	76	43 671	4 104,090	25 307,347	6,166	5,703
81	77	40 215	3 669,246	21 203,257	5,779	5,315
82	78	36 622	3 244,046	17 534,011	5,405	4,942
83	79	32 931	2 832,176	14 289,965	5,046	4,582
84	80	29 146	2 433,655	11 457,788	4,708	4,245
85	81	25 355	2 055,446	9 024,134	4,390	3,927
86	82	21 632	1 702,549	6 968,687	4,093	3,630
87	83	18 078	1 381,345	5 266,138	3,812	3,349
88	84	14 763	1 095,223	3 884,793	3,547	3,084
89	85	11 739	845,515	2 789,570	3,299	2,836
90	86	9 073	634,447	1 944,055	3,064	2,601
91	87	6 782	460,437	1 309,608	2,844	2,381
92	88	4 862	320,467	849,171	2,650	2,187
93	89	3 339	213,652	528,703	2,475	2,011
94	90	2 194	136,316	315,051	2,311	1,848
95	91	1 358	81,925	178,735	2,182	1,718
96	92	808	47,292	96,810	2,047	1,584
97	93	451	25,642	49,517	1,931	1,468
98	94	236	13,032	23,875	1,832	1,369
99	95	115	6,178	10,843	1,755	1,292
100	96	53	2,771	4,665	1,683	1,220

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	85 897,104	2 544 887,119	29,627	29,164
6	1	99 264	83 131,900	2 458 990,015	29,579	29,116
7	2	99 231	80 683,566	2 375 858,115	29,447	28,983
8	3	99 210	78 317,637	2 295 174,549	29,306	28,843
9	4	99 191	76 021,288	2 216 856,912	29,161	28,698
10	5	99 174	73 794,430	2 140 835,624	29,011	28,548
11	6	99 158	71 634,195	2 067 041,194	28,856	28,392
12	7	99 143	69 536,974	1 995 406,999	28,696	28,232
13	8	99 130	67 503,007	1 925 870,025	28,530	28,067
14	9	99 115	65 526,576	1 858 367,018	28,361	27,897
15	10	99 096	63 606,235	1 792 840,442	28,187	27,723
16	11	99 076	61 740,686	1 729 234,207	28,008	27,545
17	12	99 043	59 922,511	1 667 493,522	27,827	27,364
18	13	99 006	58 155,536	1 607 571,011	27,643	27,179
19	14	98 959	56 435,203	1 549 415,475	27,455	26,992
20	15	98 908	54 762,833	1 492 980,273	27,263	26,799
21	16	98 851	53 137,186	1 438 217,440	27,066	26,603
22	17	98 793	51 559,154	1 385 080,254	26,864	26,401
23	18	98 734	50 027,528	1 333 521,100	26,656	26,193
24	19	98 668	48 538,225	1 283 493,573	26,443	25,980
25	20	98 601	47 092,618	1 234 955,348	26,224	25,761
26	21	98 536	45 690,529	1 187 862,729	25,998	25,535
27	22	98 473	44 331,377	1 142 172,201	25,764	25,301
28	23	98 404	43 010,016	1 097 840,823	25,525	25,062
29	24	98 332	41 726,732	1 054 830,807	25,279	24,816
30	25	98 259	40 481,328	1 013 104,075	25,026	24,563
31	26	98 184	39 272,294	972 622,747	24,766	24,303
32	27	98 097	38 094,781	933 350,453	24,501	24,038
33	28	98 007	36 951,243	895 255,671	24,228	23,765
34	29	97 913	35 840,579	858 304,429	23,948	23,485
35	30	97 809	34 759,660	822 463,850	23,661	23,198
36	31	97 693	33 707,272	787 704,190	23,369	22,906
37	32	97 575	32 686,033	753 996,919	23,068	22,605
38	33	97 450	31 693,276	721 310,885	22,759	22,296
39	34	97 313	30 726,934	689 617,609	22,443	21,980
40	35	97 169	29 787,761	658 890,675	22,120	21,656
41	36	97 008	28 872,187	629 102,914	21,789	21,326
42	37	96 834	27 980,997	600 230,727	21,451	20,988
43	38	96 645	27 113,054	572 249,730	21,106	20,643
44	39	96 430	26 264,854	545 136,676	20,755	20,292
45	40	96 200	25 438,909	518 871,822	20,397	19,934
46	41	95 938	24 630,752	493 432,913	20,033	19,570
47	42	95 655	23 842,903	468 802,161	19,662	19,199
48	43	95 338	23 071,748	444 959,258	19,286	18,823
49	44	94 987	22 317,274	421 887,511	18,904	18,441
50	45	94 592	21 577,040	399 570,237	18,518	18,055
51	46	94 154	20 851,679	377 993,196	18,128	17,664
52	47	93 672	20 140,580	357 141,517	17,732	17,269
53	48	93 123	19 439,521	337 000,937	17,336	16,873
54	49	92 511	18 749,174	317 561,416	16,937	16,474
55	50	91 828	18 068,825	298 812,242	16,537	16,074
56	51	91 084	17 400,334	280 743,417	16,134	15,671
57	52	90 262	16 741,079	263 343,083	15,730	15,267
58	53	89 362	16 091,311	246 602,004	15,325	14,862
59	54	88 365	15 448,431	230 510,693	14,921	14,458
60	55	87 284	14 815,012	215 062,262	14,517	14,053
61	56	86 121	14 191,902	200 247,250	14,110	13,647
62	57	84 867	13 577,829	186 055,348	13,703	13,240
63	58	83 503	12 970,510	172 477,519	13,298	12,834
64	59	82 048	12 373,351	159 507,009	12,891	12,428
65	60	80 486	11 784,261	147 133,658	12,486	12,022
66	61	78 822	11 204,485	135 349,397	12,080	11,617
67	62	77 100	10 640,461	124 144,912	11,667	11,204
68	63	75 256	10 083,423	113 504,451	11,257	10,793
69	64	73 362	9 543,378	103 421,028	10,837	10,374
70	65	71 325	9 008,097	93 877,650	10,421	9,958
71	66	69 168	8 481,281	84 869,553	10,007	9,543
72	67	66 891	7 963,236	76 388,272	9,593	9,129
73	68	64 511	7 456,143	68 425,036	9,177	8,714
74	69	62 045	6 962,285	60 968,893	8,757	8,294
75	70	59 455	6 477,318	54 006,608	8,338	7,875
76	71	56 732	6 000,631	47 529,290	7,921	7,457
77	72	53 865	5 531,484	41 528,659	7,508	7,044
78	73	50 899	5 074,627	35 997,176	7,094	6,630
79	74	47 794	4 626,240	30 922,549	6,684	6,221
80	75	44 520	4 183,866	26 296,309	6,285	5,822
81	76	41 113	3 751,118	22 112,442	5,895	5,432
82	77	37 540	3 325,357	18 361,325	5,522	5,058
83	78	33 884	2 914,062	15 035,967	5,160	4,697
84	79	30 139	2 516,506	12 121,905	4,817	4,354
85	80	26 368	2 137,545	9 605,399	4,494	4,030
86	81	22 629	1 781,026	7 467,853	4,193	3,730
87	82	19 036	1 454,570	5 686,828	3,910	3,446
88	83	15 673	1 162,758	4 232,257	3,640	3,177
89	84	12 585	906,447	3 069,499	3,386	2,923
90	85	9 832	687,540	2 163,052	3,146	2,683
91	86	7 444	505,368	1 475,512	2,920	2,456
92	87	5 409	356,546	970,144	2,721	2,258
93	88	3 772	241,367	613,597	2,542	2,079
94	89	2 525	156,851	372,230	2,373	1,910
95	90	1 594	96,149	215,379	2,240	1,777
96	91	970	56,796	119,230	2,099	1,636
97	92	555	31,561	62,434	1,978	1,515
98	93	299	16,480	30,872	1,873	1,410
99	94	151	8,078	14,392	1,782	1,318
100	95	71	3,691	6,314	1,711	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	83 387,388	2 462 141,776	29,527	29,063
7	1	99 254	80 702,213	2 378 754,388	29,476	29,012
8	2	99 222	78 326,964	2 298 052,176	29,339	28,876
9	3	99 202	76 030,346	2 219 725,212	29,195	28,732
10	4	99 183	73 801,141	2 143 694,866	29,047	28,584
11	5	99 166	71 639,568	2 069 893,725	28,893	28,430
12	6	99 150	69 541,551	1 998 254,157	28,735	28,271
13	7	99 135	67 506,335	1 928 712,606	28,571	28,108
14	8	99 121	65 530,633	1 861 206,271	28,402	27,939
15	9	99 103	63 610,351	1 795 675,638	28,229	27,766
16	10	99 082	61 744,345	1 732 065,287	28,052	27,589
17	11	99 050	59 926,974	1 670 320,943	27,873	27,409
18	12	99 014	58 160,137	1 610 393,968	27,689	27,226
19	13	98 968	56 440,041	1 552 233,831	27,502	27,039
20	14	98 918	54 768,580	1 495 793,791	27,311	26,848
21	15	98 863	53 143,834	1 441 025,211	27,116	26,652
22	16	98 807	51 566,430	1 387 881,377	26,914	26,451
23	17	98 748	50 034,854	1 336 314,947	26,708	26,244
24	18	98 688	48 548,111	1 286 280,093	26,495	26,032
25	19	98 621	47 101,710	1 237 731,982	26,278	25,815
26	20	98 554	45 698,991	1 190 630,271	26,054	25,591
27	21	98 489	44 338,718	1 144 931,281	25,822	25,359
28	22	98 421	43 017,460	1 100 592,563	25,585	25,122
29	23	98 353	41 735,788	1 057 575,103	25,340	24,877
30	24	98 275	40 488,194	1 015 839,315	25,090	24,627
31	25	98 202	39 279,618	975 351,121	24,831	24,368
32	26	98 116	38 102,195	936 071,503	24,567	24,104
33	27	98 028	36 959,316	897 969,308	24,296	23,833
34	28	97 937	35 849,519	861 009,992	24,017	23,554
35	29	97 834	34 768,657	825 160,473	23,733	23,270
36	30	97 722	33 717,284	790 391,815	23,442	22,979
37	31	97 606	32 696,470	756 674,532	23,142	22,679
38	32	97 484	31 704,279	723 978,062	22,835	22,372
39	33	97 348	30 737,878	692 273,783	22,522	22,059
40	34	97 207	29 799,416	661 535,905	22,200	21,736
41	35	97 047	28 883,812	631 736,489	21,872	21,408
42	36	96 879	27 994,122	602 852,677	21,535	21,072
43	37	96 689	27 125,538	574 858,555	21,193	20,729
44	38	96 487	26 280,245	547 733,017	20,842	20,379
45	39	96 257	25 454,072	521 452,771	20,486	20,023
46	40	96 003	24 647,480	495 998,699	20,124	19,660
47	41	95 728	23 861,106	471 351,219	19,754	19,291
48	42	95 417	23 090,909	447 490,114	19,379	18,916
49	43	95 073	22 337,376	424 399,205	19,000	18,536
50	44	94 688	21 599,072	402 061,829	18,615	18,152
51	45	94 259	20 874,891	380 462,757	18,226	17,763
52	46	93 791	20 166,186	359 587,866	17,831	17,368
53	47	93 257	19 467,428	339 421,680	17,435	16,972
54	48	92 659	18 779,213	319 954,252	17,038	16,574
55	49	91 995	18 101,615	301 175,039	16,638	16,175
56	50	91 264	17 434,692	283 073,423	16,236	15,773
57	51	90 462	16 778,138	265 638,732	15,832	15,369
58	52	89 581	16 130,917	248 860,594	15,428	14,964
59	53	88 607	15 490,770	232 729,676	15,024	14,561
60	54	87 548	14 859,734	217 238,907	14,619	14,156
61	55	86 408	14 239,082	202 379,172	14,213	13,750
62	56	85 175	13 627,144	188 140,091	13,806	13,343
63	57	83 838	13 022,500	174 512,946	13,401	12,938
64	58	82 412	12 428,166	161 490,447	12,994	12,531
65	59	80 877	11 841,455	149 062,281	12,588	12,125
66	60	79 249	11 265,216	137 220,826	12,181	11,718
67	61	77 534	10 700,330	125 955,610	11,771	11,308
68	62	75 716	10 145,071	115 255,279	11,361	10,897
69	63	73 848	9 606,632	105 110,208	10,941	10,478
70	64	71 848	9 074,224	95 503,576	10,525	10,061
71	65	69 727	8 549,783	86 429,352	10,109	9,646
72	66	67 481	8 033,411	77 879,569	9,694	9,231
73	67	65 142	7 529,133	69 846,157	9,277	8,814
74	68	62 685	7 034,137	62 317,024	8,859	8,396
75	69	60 127	6 550,502	55 282,887	8,439	7,976
76	70	57 431	6 074,641	48 732,385	8,022	7,559
77	71	54 596	5 606,557	42 657,744	7,609	7,145
78	72	51 643	5 148,818	37 051,187	7,196	6,733
79	73	48 545	4 698,994	31 902,369	6,789	6,326
80	74	45 295	4 256,691	27 203,375	6,391	5,928
81	75	41 912	3 824,033	22 946,684	6,001	5,537
82	76	38 377	3 399,556	19 122,651	5,625	5,162
83	77	34 733	2 987,103	15 723,095	5,264	4,800
84	78	31 010	2 589,265	12 735,992	4,919	4,456
85	79	27 266	2 210,316	10 146,727	4,591	4,127
86	80	23 533	1 852,164	7 936,411	4,285	3,822
87	81	19 913	1 521,617	6 084,247	3,999	3,535
88	82	16 504	1 224,396	4 562,631	3,726	3,263
89	83	13 361	962,342	3 338,234	3,469	3,006
90	84	10 541	737,088	2 375,892	3,223	2,760
91	85	8 067	547,659	1 638,805	2,992	2,529
92	86	5 937	391,339	1 091,146	2,788	2,325
93	87	4 196	268,541	699,806	2,606	2,143
94	88	2 852	177,198	431,265	2,434	1,971
95	89	1 834	110,633	254,068	2,296	1,833
96	90	1 138	66,657	143,435	2,152	1,689
97	91	667	37,904	76,777	2,026	1,562
98	92	367	20,285	38,873	1,916	1,453
99	93	191	10,215	18,588	1,820	1,357
100	94	93	4,825	8,374	1,735	1,272

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	80 950,233	2 381 661,965	29,421	28,958
8	1	99 245	78 345,066	2 300 711,732	29,366	28,903
9	2	99 214	76 039,401	2 222 366,666	29,227	28,763
10	3	99 194	73 809,934	2 146 327,265	29,079	28,616
11	4	99 175	71 646,082	2 072 517,331	28,927	28,464
12	5	99 157	69 546,767	2 000 871,248	28,770	28,307
13	6	99 142	67 510,779	1 931 324,481	28,608	28,144
14	7	99 126	65 533,863	1 863 813,702	28,440	27,977
15	8	99 109	63 614,289	1 798 279,839	28,268	27,805
16	9	99 088	61 748,340	1 734 665,550	28,093	27,629
17	10	99 056	59 930,526	1 672 917,210	27,914	27,451
18	11	99 021	58 164,469	1 612 986,684	27,731	27,268
19	12	98 976	56 444,506	1 554 822,215	27,546	27,083
20	13	98 927	54 773,275	1 498 377,709	27,356	26,893
21	14	98 874	53 149,411	1 443 604,433	27,161	26,698
22	15	98 819	51 572,882	1 390 455,022	26,961	26,498
23	16	98 762	50 041,915	1 338 882,140	26,755	26,292
24	17	98 703	48 555,221	1 288 840,225	26,544	26,081
25	18	98 641	47 111,304	1 240 285,005	26,327	25,863
26	19	98 573	45 707,813	1 193 173,701	26,104	25,641
27	20	98 507	44 346,930	1 147 465,887	25,875	25,412
28	21	98 437	43 024,583	1 103 118,958	25,639	25,176
29	22	98 370	41 743,012	1 060 094,375	25,396	24,933
30	23	98 297	40 496,981	1 018 351,363	25,146	24,683
31	24	98 219	39 286,280	977 854,382	24,890	24,427
32	25	98 135	38 109,301	938 568,102	24,628	24,165
33	26	98 048	36 966,508	900 458,801	24,359	23,896
34	27	97 959	35 857,352	863 492,293	24,081	23,618
35	28	97 859	34 777,331	827 634,941	23,798	23,335
36	29	97 747	33 726,011	792 857,611	23,509	23,046
37	30	97 635	32 706,182	759 131,600	23,211	22,747
38	31	97 515	31 714,402	726 425,418	22,905	22,442
39	32	97 381	30 748,549	694 711,016	22,593	22,130
40	33	97 241	29 810,030	663 962,467	22,273	21,810
41	34	97 085	28 895,114	634 152,437	21,947	21,483
42	35	96 918	28 005,393	605 257,323	21,612	21,149
43	36	96 735	27 138,262	577 251,930	21,271	20,808
44	37	96 531	26 292,346	550 113,668	20,923	20,460
45	38	96 313	25 468,988	523 821,322	20,567	20,104
46	39	96 060	24 662,171	498 352,334	20,207	19,744
47	40	95 793	23 877,311	473 690,163	19,839	19,375
48	41	95 490	23 108,537	449 812,852	19,465	19,002
49	42	95 152	22 355,927	426 704,315	19,087	18,624
50	43	94 774	21 618,527	404 348,387	18,704	18,241
51	44	94 355	20 896,206	382 729,860	18,316	17,853
52	45	93 895	20 188,634	361 833,654	17,923	17,459
53	46	93 376	19 492,178	341 645,019	17,527	17,064
54	47	92 792	18 806,173	322 152,841	17,130	16,667
55	48	92 142	18 130,616	303 346,668	16,731	16,268
56	49	91 429	17 466,331	285 216,052	16,329	15,866
57	50	90 640	16 811,268	267 749,721	15,927	15,464
58	51	89 780	16 166,626	250 938,453	15,522	15,059
59	52	88 825	15 528,898	234 771,828	15,118	14,655
60	53	87 788	14 900,460	219 242,930	14,714	14,251
61	54	86 669	14 282,065	204 342,470	14,308	13,844
62	55	85 458	13 672,446	190 060,405	13,901	13,438
63	56	84 142	13 069,798	176 387,959	13,496	13,033
64	57	82 742	12 477,982	163 318,161	13,089	12,625
65	58	81 235	11 893,914	150 840,179	12,682	12,219
66	59	79 634	11 319,891	138 946,265	12,275	11,811
67	60	77 954	10 758,328	127 626,374	11,863	11,400
68	61	76 142	10 202,153	116 868,046	11,455	10,992
69	62	74 300	9 665,365	106 665,893	11,036	10,573
70	63	72 324	9 134,369	97 000,528	10,619	10,156
71	64	70 238	8 612,546	87 866,159	10,202	9,739
72	65	68 026	8 098,296	79 253,613	9,786	9,323
73	66	65 716	7 595,483	71 155,317	9,368	8,905
74	67	63 299	7 102,997	63 559,834	8,948	8,485
75	68	60 747	6 618,104	56 456,837	8,531	8,067
76	69	58 080	6 143,275	49 838,733	8,113	7,650
77	70	55 270	5 675,707	43 695,458	7,699	7,235
78	71	52 344	5 218,698	38 019,750	7,285	6,822
79	72	49 255	4 767,693	32 801,053	6,880	6,417
80	73	46 007	4 323,633	28 033,360	6,484	6,021
81	74	42 641	3 890,594	23 709,726	6,094	5,631
82	75	39 123	3 465,638	19 819,132	5,719	5,256
83	76	35 508	3 053,754	16 353,494	5,355	4,892
84	77	31 787	2 654,165	13 299,740	5,011	4,548
85	78	28 054	2 274,222	10 645,576	4,681	4,218
86	79	24 334	1 915,219	8 371,353	4,371	3,908
87	80	20 709	1 582,393	6 456,135	4,080	3,617
88	81	17 265	1 280,833	4 873,741	3,805	3,342
89	82	14 069	1 013,356	3 592,908	3,546	3,082
90	83	11 191	782,539	2 579,552	3,296	2,833
91	84	8 648	587,126	1 797,013	3,061	2,597
92	85	6 434	424,088	1 209,887	2,853	2,390
93	86	4 606	294,746	785,799	2,666	2,203
94	87	3 173	197,147	491,053	2,491	2,028
95	88	2 072	124,984	293,906	2,352	1,888
96	89	1 310	76,699	168,921	2,202	1,739
97	90	782	44,485	92,223	2,073	1,610
98	91	441	24,361	47,738	1,960	1,496
99	92	235	12,573	23,377	1,859	1,396
100	93	117	6,102	10,804	1,771	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	78 585,842	2 303 393,200	29,311	28,847
9	1	99 237	76 056,974	2 224 807,358	29,252	28,789
10	2	99 206	73 818,725	2 148 750,384	29,108	28,645
11	3	99 187	71 654,619	2 074 931,659	28,957	28,494
12	4	99 166	69 553,092	2 003 277,040	28,802	28,339
13	5	99 149	67 515,842	1 933 723,949	28,641	28,178
14	6	99 132	65 538,177	1 866 208,107	28,475	28,012
15	7	99 114	63 617,425	1 800 669,929	28,305	27,841
16	8	99 094	61 752,163	1 737 052,504	28,129	27,666
17	9	99 062	59 934,404	1 675 300,340	27,952	27,489
18	10	99 027	58 167,916	1 615 365,937	27,771	27,308
19	11	98 983	56 448,711	1 557 198,021	27,586	27,123
20	12	98 934	54 777,609	1 500 749,310	27,397	26,934
21	13	98 882	53 153,968	1 445 971,701	27,203	26,740
22	14	98 829	51 578,294	1 392 817,733	27,004	26,541
23	15	98 774	50 048,176	1 341 239,439	26,799	26,336
24	16	98 717	48 562,073	1 291 191,263	26,588	26,125
25	17	98 655	47 118,203	1 242 629,190	26,373	25,909
26	18	98 593	45 717,123	1 195 510,987	26,150	25,687
27	19	98 526	44 355,491	1 149 793,864	25,922	25,459
28	20	98 455	43 032,551	1 105 438,373	25,688	25,225
29	21	98 386	41 749,924	1 062 405,822	25,447	24,984
30	22	98 314	40 503,990	1 020 655,898	25,199	24,736
31	23	98 240	39 294,806	980 151,908	24,944	24,480
32	24	98 151	38 115,764	940 857,102	24,684	24,221
33	25	98 066	36 973,402	902 741,337	24,416	23,953
34	26	97 978	35 864,330	865 767,935	24,140	23,677
35	27	97 880	34 784,929	829 903,605	23,858	23,395
36	28	97 772	33 734,424	795 118,677	23,570	23,107
37	29	97 661	32 714,647	761 384,252	23,273	22,810
38	30	97 544	31 723,822	728 669,605	22,969	22,506
39	31	97 413	30 758,367	696 945,783	22,659	22,196
40	32	97 275	29 820,379	666 187,416	22,340	21,877
41	33	97 119	28 905,405	636 367,037	22,016	21,552
42	34	96 956	28 016,351	607 461,631	21,682	21,219
43	35	96 774	27 149,189	579 445,280	21,343	20,880
44	36	96 576	26 304,679	552 296,091	20,996	20,533
45	37	96 358	25 480,715	525 991,413	20,643	20,180
46	38	96 117	24 676,623	500 510,698	20,283	19,820
47	39	95 850	23 891,543	475 834,075	19,916	19,453
48	40	95 555	23 124,232	451 942,531	19,544	19,081
49	41	95 224	22 372,995	428 818,299	19,167	18,704
50	42	94 852	21 636,481	406 445,305	18,785	18,322
51	43	94 440	20 915,028	384 808,823	18,399	17,935
52	44	93 991	20 209,249	363 893,795	18,006	17,543
53	45	93 480	19 513,877	343 684,546	17,612	17,149
54	46	92 910	18 830,082	324 170,669	17,216	16,752
55	47	92 275	18 156,645	305 340,588	16,817	16,354
56	48	91 576	17 494,314	287 183,943	16,416	15,953
57	49	90 805	16 841,776	269 689,629	16,013	15,550
58	50	89 957	16 198,548	252 847,853	15,609	15,146
59	51	89 022	15 563,273	236 649,305	15,206	14,742
60	52	88 004	14 937,135	221 086,032	14,801	14,338
61	53	86 906	14 321,207	206 148,897	14,395	13,931
62	54	85 716	13 713,720	191 827,690	13,988	13,525
63	55	84 422	13 113,247	178 113,970	13,583	13,120
64	56	83 043	12 523,302	165 000,723	13,175	12,712
65	57	81 561	11 941,588	152 477,421	12,769	12,305
66	58	79 987	11 370,039	140 535,833	12,360	11,897
67	59	78 332	10 810,543	129 165,793	11,948	11,485
68	60	76 555	10 257,451	118 355,250	11,538	11,075
69	61	74 718	9 719,748	108 097,799	11,121	10,658
70	62	72 766	9 190,214	98 378,051	10,705	10,241
71	63	70 704	8 669,631	89 187,836	10,287	9,824
72	64	68 525	8 157,744	80 518,206	9,870	9,407
73	65	66 247	7 656,831	72 360,461	9,450	8,987
74	66	63 857	7 165,591	64 703,631	9,030	8,567
75	67	61 342	6 682,891	57 538,040	8,610	8,147
76	68	58 680	6 206,675	50 855,149	8,194	7,730
77	69	55 894	5 739,834	44 648,474	7,779	7,315
78	70	52 989	5 283,064	38 908,640	7,365	6,902
79	71	49 923	4 832,401	33 625,576	6,958	6,495
80	72	46 680	4 386,845	28 793,175	6,564	6,100
81	73	43 312	3 951,779	24 406,331	6,176	5,713
82	74	39 804	3 525,961	20 454,552	5,801	5,338
83	75	36 198	3 113,113	16 928,591	5,438	4,975
84	76	32 497	2 713,387	13 815,477	5,092	4,628
85	77	28 757	2 331,225	11 102,090	4,762	4,299
86	78	25 038	1 970,593	8 770,865	4,451	3,988
87	79	21 414	1 636,265	6 800,272	4,156	3,693
88	80	17 955	1 331,992	5 164,007	3,877	3,414
89	81	14 718	1 060,065	3 832,015	3,615	3,152
90	82	11 784	824,022	2 771,950	3,364	2,901
91	83	9 181	623,331	1 947,928	3,125	2,662
92	84	6 898	454,650	1 324,598	2,913	2,450
93	85	4 991	319,411	869,948	2,724	2,260
94	86	3 483	216,385	550,536	2,544	2,081
95	87	2 305	139,055	334,151	2,403	1,940
96	88	1 480	86,648	195,096	2,252	1,788
97	89	900	51,186	108,447	2,119	1,655
98	90	518	28,591	57,261	2,003	1,540
99	91	282	15,099	28,671	1,899	1,436
100	92	144	7,510	13,571	1,807	1,344

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9	0	99 542	76 290,719	2 227 279,965	29,195	28,731
10	1	99 229	73 835,785	2 150 989,246	29,132	28,669
11	2	99 199	71 663,153	2 077 153,461	28,985	28,522
12	3	99 178	69 561,379	2 005 490,309	28,831	28,367
13	4	99 158	67 521,982	1 935 928,930	28,671	28,208
14	5	99 140	65 543,093	1 868 406,948	28,507	28,043
15	6	99 120	63 621,613	1 802 863,855	28,337	27,874
16	7	99 099	61 755,208	1 739 242,241	28,163	27,700
17	8	99 069	59 938,115	1 677 487,034	27,987	27,524
18	9	99 033	58 171,680	1 617 548,919	27,806	27,343
19	10	98 989	56 452,056	1 559 377,239	27,623	27,160
20	11	98 942	54 781,689	1 502 925,184	27,435	26,972
21	12	98 890	53 158,173	1 448 143,494	27,242	26,779
22	13	98 838	51 582,716	1 394 985,321	27,044	26,580
23	14	98 785	50 053,429	1 343 402,605	26,839	26,376
24	15	98 729	48 568,149	1 293 349,177	26,630	26,166
25	16	98 669	47 124,852	1 244 781,028	26,415	25,951
26	17	98 608	45 723,818	1 197 656,176	26,193	25,730
27	18	98 546	44 364,526	1 151 932,358	25,965	25,502
28	19	98 474	43 040,859	1 107 567,832	25,733	25,270
29	20	98 405	41 757,656	1 064 526,973	25,493	25,030
30	21	98 330	40 510,697	1 022 769,317	25,247	24,784
31	22	98 257	39 301,607	982 258,620	24,993	24,530
32	23	98 173	38 124,037	942 957,012	24,734	24,271
33	24	98 082	36 979,673	904 832,976	24,468	24,005
34	25	97 996	35 871,018	867 853,303	24,194	23,730
35	26	97 899	34 791,698	831 982,285	23,913	23,450
36	27	97 793	33 741,795	797 190,586	23,626	23,163
37	28	97 685	32 722,808	763 448,792	23,331	22,868
38	29	97 569	31 732,034	730 725,983	23,028	22,565
39	30	97 442	30 767,503	698 993,950	22,719	22,255
40	31	97 306	29 829,901	668 226,447	22,401	21,938
41	32	97 153	28 915,440	638 396,547	22,078	21,615
42	33	96 991	28 026,330	609 481,106	21,747	21,284
43	34	96 812	27 159,812	581 454,776	21,409	20,945
44	35	96 615	26 315,270	554 294,965	21,064	20,600
45	36	96 403	25 492,667	527 979,695	20,711	20,248
46	37	96 161	24 687,985	502 487,028	20,354	19,890
47	38	95 907	23 905,544	477 799,042	19,987	19,524
48	39	95 612	23 138,015	453 893,498	19,617	19,154
49	40	95 289	22 388,190	430 755,483	19,240	18,777
50	41	94 925	21 653,000	408 367,294	18,860	18,396
51	42	94 519	20 932,398	386 714,294	18,474	18,011
52	43	94 076	20 227,452	365 781,896	18,083	17,620
53	44	93 575	19 533,802	345 554,444	17,690	17,227
54	45	93 013	18 851,043	326 020,642	17,295	16,831
55	46	92 392	18 179,728	307 169,598	16,896	16,433
56	47	91 707	17 519,429	288 989,870	16,495	16,032
57	48	90 950	16 868,759	271 470,441	16,093	15,630
58	49	90 120	16 227,944	254 601,683	15,689	15,226
59	50	89 198	15 594,004	238 373,739	15,286	14,823
60	51	88 198	14 970,201	222 779,735	14,882	14,418
61	52	87 120	14 356,457	207 809,534	14,475	14,012
62	53	85 951	13 751,304	193 453,077	14,068	13,605
63	54	84 677	13 152,832	179 701,773	13,663	13,199
64	55	83 319	12 564,935	166 548,941	13,255	12,792
65	56	81 857	11 984,960	153 984,006	12,848	12,385
66	57	80 307	11 415,614	141 999,046	12,439	11,976
67	58	78 679	10 858,435	130 583,433	12,026	11,563
68	59	76 926	10 307,235	119 724,998	11,616	11,152
69	60	75 123	9 772,431	109 417,762	11,197	10,733
70	61	73 176	9 241,924	99 645,331	10,782	10,319
71	62	71 136	8 722,635	90 403,407	10,364	9,901
72	63	68 979	8 211,814	81 680,772	9,947	9,484
73	64	66 733	7 713,038	73 468,958	9,525	9,062
74	65	64 372	7 223,467	65 755,919	9,103	8,640
75	66	61 882	6 741,783	58 532,453	8,682	8,219
76	67	59 254	6 267,434	51 790,670	8,263	7,800
77	68	56 471	5 799,070	45 523,236	7,850	7,387
78	69	53 588	5 342,754	39 724,165	7,435	6,972
79	70	50 539	4 892,002	34 381,411	7,028	6,565
80	71	47 313	4 446,383	29 489,409	6,632	6,169
81	72	43 945	4 009,554	25 043,025	6,246	5,783
82	73	40 430	3 581,411	21 033,471	5,873	5,410
83	74	36 828	3 167,301	17 452,060	5,510	5,047
84	75	33 128	2 766,131	14 284,759	5,164	4,701
85	76	29 399	2 383,242	11 518,629	4,833	4,370
86	77	25 665	2 019,985	9 135,387	4,523	4,059
87	78	22 033	1 683,573	7 115,401	4,226	3,763
88	79	18 566	1 377,339	5 431,828	3,944	3,480
89	80	15 306	1 102,406	4 054,489	3,678	3,215
90	81	12 327	862,004	2 952,083	3,425	2,961
91	82	9 668	656,373	2 090,079	3,184	2,721
92	83	7 323	482,685	1 433,706	2,970	2,507
93	84	5 351	342,430	951,021	2,777	2,314
94	85	3 774	234,493	608,591	2,595	2,132
95	86	2 530	152,625	374,097	2,451	1,988
96	87	1 646	96,403	221,472	2,297	1,834
97	88	1 017	57,826	125,069	2,163	1,700
98	89	596	32,897	67,243	2,044	1,581
99	90	331	17,721	34,346	1,938	1,475
100	91	173	9,020	16,625	1,843	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9						
10	0	99 534	74 062,703	2 153 269,296	29,074	28,610
11	1	99 221	71 679,715	2 079 206,594	29,007	28,544
12	2	99 190	69 569,663	2 007 526,879	28,856	28,393
13	3	99 170	67 530,027	1 937 957,215	28,698	28,234
14	4	99 149	65 549,053	1 870 427,188	28,535	28,072
15	5	99 128	63 626,385	1 804 878,135	28,367	27,904
16	6	99 106	61 759,273	1 741 251,750	28,194	27,731
17	7	99 073	59 941,069	1 679 492,477	28,019	27,556
18	8	99 040	58 175,282	1 619 551,407	27,839	27,376
19	9	98 995	56 455,709	1 561 376,126	27,657	27,193
20	10	98 948	54 784,936	1 504 920,417	27,470	27,006
21	11	98 897	53 162,133	1 450 135,481	27,278	26,814
22	12	98 846	51 586,797	1 396 973,348	27,080	26,617
23	13	98 793	50 057,719	1 345 386,551	26,877	26,413
24	14	98 739	48 573,246	1 295 328,832	26,668	26,204
25	15	98 681	47 130,748	1 246 755,586	26,453	25,990
26	16	98 622	45 730,271	1 199 624,837	26,233	25,769
27	17	98 561	44 371,022	1 153 894,567	26,006	25,542
28	18	98 494	43 049,626	1 109 523,544	25,773	25,310
29	19	98 424	41 765,718	1 066 473,918	25,535	25,071
30	20	98 348	40 518,200	1 024 708,201	25,290	24,827
31	21	98 273	39 308,115	984 190,001	25,038	24,575
32	22	98 190	38 130,635	944 881,886	24,780	24,317
33	23	98 104	36 987,699	906 751,251	24,515	24,052
34	24	98 013	35 877,102	869 763,552	24,243	23,780
35	25	97 917	34 798,187	833 886,450	23,964	23,500
36	26	97 812	33 748,361	799 088,264	23,678	23,215
37	27	97 706	32 729,958	765 339,903	23,383	22,920
38	28	97 593	31 739,949	732 609,945	23,082	22,618
39	29	97 467	30 775,467	700 869,996	22,774	22,310
40	30	97 335	29 838,761	670 094,529	22,457	21,994
41	31	97 184	28 924,673	640 255,768	22,135	21,672
42	32	97 024	28 036,060	611 331,095	21,805	21,342
43	33	96 846	27 169,485	583 295,036	21,469	21,006
44	34	96 653	26 325,566	556 125,550	21,125	20,662
45	35	96 442	25 502,931	529 799,984	20,774	20,311
46	36	96 206	24 699,566	504 297,053	20,417	19,954
47	37	95 951	23 916,551	479 597,487	20,053	19,590
48	38	95 668	23 151,574	455 680,936	19,683	19,219
49	39	95 346	22 401,534	432 529,362	19,308	18,845
50	40	94 989	21 667,706	410 127,828	18,928	18,465
51	41	94 591	20 948,379	388 460,122	18,544	18,080
52	42	94 154	20 244,251	367 511,743	18,154	17,691
53	43	93 659	19 551,397	347 267,492	17,762	17,299
54	44	93 108	18 870,292	327 716,095	17,367	16,904
55	45	92 495	18 199,966	308 845,804	16,970	16,506
56	46	91 824	17 541,703	290 645,838	16,569	16,106
57	47	91 081	16 892,975	273 104,135	16,167	15,704
58	48	90 265	16 253,943	256 211,160	15,763	15,300
59	49	89 360	15 622,303	239 957,217	15,360	14,897
60	50	88 373	14 999,760	224 334,914	14,956	14,493
61	51	87 313	14 388,237	209 335,154	14,549	14,086
62	52	86 163	13 785,151	194 946,917	14,142	13,679
63	53	84 909	13 188,879	181 161,766	13,736	13,273
64	54	83 570	12 602,865	167 972,887	13,328	12,865
65	55	82 129	12 024,803	155 370,022	12,921	12,458
66	56	80 599	11 457,076	143 345,219	12,512	12,048
67	57	78 995	10 901,959	131 888,143	12,098	11,634
68	58	77 267	10 352,897	120 986,184	11,686	11,223
69	59	75 487	9 819,861	110 633,287	11,266	10,803
70	60	73 573	9 292,017	100 813,426	10,849	10,386
71	61	71 536	8 771,713	91 521,408	10,434	9,970
72	62	69 401	8 262,020	82 749,695	10,016	9,552
73	63	67 176	7 764,161	74 487,675	9,594	9,131
74	64	64 845	7 276,493	66 723,514	9,170	8,707
75	65	62 382	6 796,236	59 447,021	8,747	8,284
76	66	59 776	6 322,665	52 650,786	8,327	7,864
77	67	57 024	5 855,839	46 328,121	7,911	7,448
78	68	54 141	5 397,893	40 472,282	7,498	7,035
79	69	51 110	4 947,274	35 074,389	7,090	6,626
80	70	47 897	4 501,224	30 127,114	6,693	6,230
81	71	44 542	4 063,972	25 625,890	6,306	5,842
82	72	41 021	3 633,771	21 561,918	5,934	5,471
83	73	37 407	3 217,111	17 928,147	5,573	5,110
84	74	33 705	2 814,278	14 711,036	5,227	4,764
85	75	29 970	2 429,568	11 896,758	4,897	4,433
86	76	26 238	2 065,058	9 467,190	4,584	4,121
87	77	22 585	1 725,772	7 402,133	4,289	3,826
88	78	19 103	1 417,161	5 676,361	4,005	3,542
89	79	15 827	1 139,937	4 259,199	3,736	3,273
90	80	12 819	896,434	3 119,263	3,480	3,016
91	81	10 114	686,628	2 222,829	3,237	2,774
92	82	7 711	508,272	1 536,201	3,022	2,559
93	83	5 681	363,545	1 027,929	2,828	2,364
94	84	4 046	251,392	664,383	2,643	2,180
95	85	2 742	165,397	412,991	2,497	2,034
96	86	1 807	105,810	247,594	2,340	1,877
97	87	1 132	64,336	141,784	2,204	1,741
98	88	673	37,165	77,447	2,084	1,621
99	89	380	20,391	40,282	1,976	1,512
100	90	203	10,586	19,892	1,879	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	71 900,006	2 081 309,383	28,947	28,484
12	1	99 213	69 585,741	2 009 409,377	28,877	28,414
13	2	99 182	67 538,070	1 939 823,635	28,722	28,259
14	3	99 161	65 556,864	1 872 285,565	28,560	28,096
15	4	99 137	63 632,171	1 806 728,702	28,393	27,930
16	5	99 113	61 763,905	1 743 096,531	28,222	27,759
17	6	99 080	59 945,015	1 681 332,626	28,048	27,585
18	7	99 044	58 178,150	1 621 387,610	27,869	27,406
19	8	99 002	56 459,204	1 563 209,461	27,687	27,224
20	9	98 954	54 788,481	1 506 750,256	27,501	27,038
21	10	98 903	53 165,283	1 451 961,776	27,310	26,847
22	11	98 853	51 590,640	1 398 796,492	27,113	26,650
23	12	98 801	50 061,680	1 347 205,853	26,911	26,448
24	13	98 748	48 577,410	1 297 144,173	26,703	26,239
25	14	98 692	47 135,695	1 248 566,763	26,489	26,026
26	15	98 634	45 735,992	1 201 431,068	26,269	25,806
27	16	98 575	44 377,284	1 155 695,076	26,042	25,579
28	17	98 509	43 055,930	1 111 317,792	25,811	25,348
29	18	98 444	41 774,225	1 068 261,861	25,572	25,109
30	19	98 367	40 526,022	1 026 487,637	25,329	24,866
31	20	98 292	39 315,395	985 961,614	25,078	24,615
32	21	98 206	38 136,949	946 646,220	24,822	24,359
33	22	98 121	36 994,100	908 509,271	24,558	24,095
34	23	98 034	35 884,888	871 515,170	24,286	23,823
35	24	97 934	34 804,088	835 630,282	24,010	23,546
36	25	97 830	33 754,655	800 826,194	23,725	23,262
37	26	97 725	32 736,327	767 071,538	23,432	22,969
38	27	97 615	31 746,884	734 335,211	23,131	22,668
39	28	97 491	30 783,144	702 588,328	22,824	22,361
40	29	97 360	29 846,484	671 805,184	22,509	22,045
41	30	97 213	28 933,264	641 958,699	22,188	21,724
42	31	97 055	28 045,011	613 025,435	21,859	21,395
43	32	96 880	27 178,918	584 980,424	21,523	21,060
44	33	96 687	26 334,943	557 801,506	21,181	20,718
45	34	96 480	25 512,910	531 466,563	20,831	20,368
46	35	96 245	24 709,511	505 953,653	20,476	20,013
47	36	95 996	23 927,769	481 244,142	20,112	19,649
48	37	95 712	23 162,234	457 316,373	19,744	19,281
49	38	95 402	22 414,662	434 154,139	19,369	18,906
50	39	95 046	21 680,621	411 739,477	18,991	18,528
51	40	94 655	20 962,606	390 058,857	18,607	18,144
52	41	94 226	20 259,706	369 096,250	18,218	17,755
53	42	93 737	19 567,634	348 836,544	17,827	17,364
54	43	93 192	18 887,289	329 268,910	17,433	16,970
55	44	92 589	18 218,549	310 381,621	17,037	16,573
56	45	91 926	17 561,230	292 163,072	16,637	16,174
57	46	91 197	16 914,452	274 601,842	16,235	15,772
58	47	90 394	16 277,277	257 687,390	15,831	15,368
59	48	89 503	15 647,332	241 410,112	15,428	14,965
60	49	88 533	15 026,981	225 762,780	15,024	14,561
61	50	87 485	14 416,648	210 735,799	14,618	14,154
62	51	86 353	13 815,666	196 319,152	14,210	13,747
63	52	85 118	13 221,342	182 503,485	13,804	13,340
64	53	83 799	12 637,405	169 282,144	13,395	12,932
65	54	82 377	12 061,102	156 644,739	12,988	12,524
66	55	80 867	11 495,164	144 583,637	12,578	12,115
67	56	79 282	10 941,555	133 088,473	12,164	11,700
68	57	77 577	10 394,395	122 146,918	11,751	11,288
69	58	75 822	9 863,364	111 752,523	11,330	10,867
70	59	73 930	9 337,116	101 889,159	10,912	10,449
71	60	71 924	8 819,258	92 552,043	10,494	10,031
72	61	69 792	8 308,507	83 732,785	10,078	9,615
73	62	67 586	7 811,629	75 424,278	9,655	9,192
74	63	65 275	7 324,722	67 612,649	9,231	8,768
75	64	62 840	6 846,126	60 287,927	8,806	8,343
76	65	60 259	6 373,732	53 441,801	8,385	7,921
77	66	57 526	5 907,443	47 068,069	7,968	7,504
78	67	54 671	5 450,734	41 160,626	7,551	7,088
79	68	51 638	4 998,331	35 709,892	7,144	6,681
80	69	48 438	4 552,081	30 711,560	6,747	6,283
81	70	45 091	4 114,096	26 159,479	6,358	5,895
82	71	41 578	3 683,089	22 045,383	5,986	5,522
83	72	37 954	3 264,145	18 362,294	5,625	5,162
84	73	34 235	2 858,536	15 098,149	5,282	4,819
85	74	30 492	2 471,857	12 239,613	4,952	4,488
86	75	26 748	2 105,198	9 767,755	4,640	4,177
87	76	23 089	1 764,279	7 662,557	4,343	3,880
88	77	19 582	1 452,682	5 898,278	4,060	3,597
89	78	16 284	1 172,895	4 445,596	3,790	3,327
90	79	13 256	926,952	3 272,700	3,531	3,067
91	80	10 518	714,053	2 345,748	3,285	2,822
92	81	8 067	531,700	1 631,695	3,069	2,606
93	82	5 982	382,817	1 099,994	2,873	2,410
94	83	4 296	266,894	717,178	2,687	2,224
95	84	2 940	177,317	450,284	2,539	2,076
96	85	1 958	114,665	272,967	2,381	1,917
97	86	1 242	70,615	158,302	2,242	1,779
98	87	749	41,349	87,687	2,121	1,657
99	88	430	23,036	46,338	2,012	1,548
100	89	234	12,180	23,303	1,913	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	69 799,598	2 011 349,150	28,816	28,353
13	1	99 205	67 553,679	1 941 549,553	28,741	28,278
14	2	99 172	65 564,671	1 873 995,874	28,582	28,119
15	3	99 149	63 639,753	1 808 431,203	28,417	27,953
16	4	99 122	61 769,522	1 744 791,450	28,247	27,784
17	5	99 087	59 949,511	1 683 021,929	28,074	27,611
18	6	99 051	58 181,980	1 623 072,417	27,896	27,433
19	7	99 006	56 461,988	1 564 890,438	27,716	27,253
20	8	98 960	54 791,873	1 508 428,450	27,530	27,067
21	9	98 909	53 168,724	1 453 636,577	27,340	26,877
22	10	98 859	51 593,697	1 400 467,854	27,144	26,681
23	11	98 808	50 065,409	1 348 874,157	26,942	26,479
24	12	98 756	48 581,254	1 298 808,748	26,735	26,272
25	13	98 700	47 139,736	1 250 227,494	26,522	26,059
26	14	98 644	45 740,792	1 203 087,759	26,302	25,839
27	15	98 587	44 382,837	1 157 346,966	26,076	25,613
28	16	98 523	43 062,006	1 112 964,130	25,846	25,382
29	17	98 458	41 780,342	1 069 902,124	25,608	25,145
30	18	98 387	40 534,277	1 028 121,781	25,364	24,901
31	19	98 311	39 322,985	987 587,505	25,115	24,652
32	20	98 224	38 144,012	948 264,520	24,860	24,397
33	21	98 137	37 000,226	910 120,508	24,598	24,134
34	22	98 051	35 891,099	873 120,282	24,327	23,864
35	23	97 955	34 811,642	837 229,182	24,050	23,587
36	24	97 847	33 760,380	802 417,540	23,768	23,305
37	25	97 744	32 742,432	768 657,161	23,476	23,013
38	26	97 634	31 753,062	735 914,728	23,176	22,713
39	27	97 512	30 789,869	704 161,666	22,870	22,407
40	28	97 385	29 853,930	673 371,797	22,556	22,092
41	29	97 238	28 940,754	643 517,867	22,236	21,772
42	30	97 084	28 053,341	614 577,114	21,907	21,444
43	31	96 911	27 187,596	586 523,772	21,573	21,110
44	32	96 721	26 344,086	559 336,176	21,232	20,769
45	33	96 514	25 521,997	532 992,091	20,884	20,420
46	34	96 282	24 719,179	507 470,094	20,529	20,066
47	35	96 034	23 937,404	482 750,915	20,167	19,704
48	36	95 757	23 173,098	458 813,511	19,799	19,336
49	37	95 446	22 424,982	435 640,413	19,427	18,963
50	38	95 102	21 693,326	413 215,431	19,048	18,585
51	39	94 711	20 975,101	391 522,105	18,666	18,203
52	40	94 290	20 273,466	370 547,004	18,277	17,814
53	41	93 809	19 582,573	350 273,538	17,887	17,424
54	42	93 270	18 902,975	330 690,965	17,494	17,031
55	43	92 673	18 234,959	311 787,990	17,098	16,635
56	44	92 020	17 579,161	293 553,031	16,699	16,236
57	45	91 298	16 933,281	275 973,869	16,298	15,834
58	46	90 509	16 297,972	259 040,588	15,894	15,431
59	47	89 631	15 669,795	242 742,616	15,491	15,028
60	48	88 675	15 051,056	227 072,821	15,087	14,624
61	49	87 644	14 442,810	212 021,765	14,680	14,217
62	50	86 524	13 842,946	197 578,955	14,273	13,810
63	51	85 306	13 250,609	183 736,009	13,866	13,403
64	52	84 006	12 668,510	170 485,400	13,457	12,994
65	53	82 603	12 094,157	157 816,890	13,049	12,586
66	54	81 111	11 529,864	145 722,732	12,639	12,175
67	55	79 545	10 977,929	134 192,868	12,224	11,761
68	56	77 858	10 432,147	123 214,939	11,811	11,348
69	57	76 126	9 902,899	112 782,792	11,389	10,926
70	58	74 257	9 378,480	102 879,892	10,970	10,507
71	59	72 273	8 862,062	93 501,412	10,551	10,088
72	60	70 170	8 353,541	84 639,350	10,132	9,669
73	61	67 967	7 855,582	76 285,809	9,711	9,248
74	62	65 674	7 369,504	68 430,227	9,286	8,822
75	63	63 257	6 891,502	61 060,724	8,860	8,397
76	64	60 701	6 420,521	54 169,221	8,437	7,974
77	65	57 991	5 955,157	47 748,700	8,018	7,555
78	66	55 153	5 498,768	41 793,543	7,601	7,137
79	67	52 143	5 047,261	36 294,775	7,191	6,728
80	68	48 938	4 599,059	31 247,514	6,794	6,331
81	69	45 600	4 160,579	26 648,454	6,405	5,942
82	70	42 091	3 728,516	22 487,875	6,031	5,568
83	71	38 469	3 308,446	18 759,360	5,670	5,207
84	72	34 736	2 900,328	15 450,913	5,327	4,864
85	73	30 972	2 510,730	12 550,585	4,999	4,536
86	74	27 214	2 141,842	10 039,855	4,687	4,224
87	75	23 538	1 798,573	7 898,013	4,391	3,928
88	76	20 018	1 485,096	6 099,439	4,107	3,644
89	77	16 693	1 202,294	4 614,343	3,838	3,375
90	78	13 639	953,753	3 412,050	3,577	3,114
91	79	10 876	738,363	2 458,297	3,329	2,866
92	80	8 389	552,938	1 719,934	3,111	2,647
93	81	6 258	400,462	1 166,997	2,914	2,451
94	82	4 523	281,042	766,534	2,727	2,264
95	83	3 121	188,251	485,492	2,579	2,116
96	84	2 099	122,928	297,242	2,418	1,955
97	85	1 346	76,524	174,314	2,278	1,815
98	86	822	45,384	97,790	2,155	1,691
99	87	478	25,629	52,406	2,045	1,582
100	88	264	13,760	26,776	1,946	1,483

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	67 761,290	1 943 339,507	28,679	28,216
14	1	99 195	65 579,824	1 875 578,217	28,600	28,137
15	2	99 160	63 647,332	1 809 998,394	28,438	27,975
16	3	99 134	61 776,882	1 746 351,062	28,269	27,805
17	4	99 096	59 954,963	1 684 574,180	28,097	27,634
18	5	99 058	58 186,343	1 624 619,217	27,921	27,458
19	6	99 013	56 465,704	1 566 432,874	27,741	27,278
20	7	98 965	54 794,574	1 509 967,169	27,557	27,094
21	8	98 916	53 172,016	1 455 172,595	27,367	26,904
22	9	98 865	51 597,035	1 402 000,580	27,172	26,709
23	10	98 814	50 068,376	1 350 403,544	26,971	26,508
24	11	98 763	48 584,872	1 300 335,168	26,764	26,301
25	12	98 708	47 143,465	1 251 750,296	26,552	26,089
26	13	98 653	45 744,713	1 204 606,831	26,333	25,870
27	14	98 597	44 387,494	1 158 862,117	26,108	25,645
28	15	98 535	43 067,394	1 114 474,623	25,877	25,414
29	16	98 472	41 786,238	1 071 407,229	25,640	25,177
30	17	98 402	40 540,213	1 029 620,991	25,398	24,934
31	18	98 331	39 330,994	989 080,778	25,148	24,684
32	19	98 243	38 151,376	949 749,783	24,894	24,431
33	20	98 155	37 007,079	911 598,407	24,633	24,170
34	21	98 067	35 897,042	874 591,329	24,364	23,901
35	22	97 972	34 817,667	838 694,287	24,088	23,625
36	23	97 868	33 767,707	803 876,619	23,806	23,343
37	24	97 760	32 747,985	770 108,913	23,516	23,053
38	25	97 652	31 758,984	737 360,927	23,217	22,754
39	26	97 531	30 795,861	705 601,943	22,912	22,449
40	27	97 406	29 860,452	674 806,082	22,599	22,135
41	28	97 262	28 947,973	644 945,630	22,279	21,816
42	29	97 109	28 060,603	615 997,657	21,952	21,489
43	30	96 939	27 195,671	587 937,054	21,619	21,156
44	31	96 752	26 352,497	560 741,383	21,278	20,815
45	32	96 547	25 530,857	534 388,886	20,931	20,468
46	33	96 317	24 727,983	508 858,028	20,578	20,115
47	34	96 072	23 946,770	484 130,045	20,217	19,754
48	35	95 796	23 182,429	460 183,275	19,851	19,387
49	36	95 490	22 435,501	437 000,846	19,478	19,015
50	37	95 145	21 703,314	414 565,345	19,101	18,638
51	38	94 767	20 987,392	392 862,031	18,719	18,256
52	39	94 346	20 285,550	371 874,639	18,332	17,869
53	40	93 872	19 595,873	351 589,089	17,942	17,479
54	41	93 341	18 917,406	331 993,216	17,550	17,086
55	42	92 750	18 250,104	313 075,810	17,155	16,692
56	43	92 103	17 594,996	294 825,706	16,756	16,293
57	44	91 392	16 950,571	277 230,710	16,355	15,892
58	45	90 610	16 316,114	260 280,139	15,952	15,489
59	46	89 745	15 689,717	243 964,025	15,549	15,086
60	47	88 802	15 072,663	228 274,307	15,145	14,682
61	48	87 784	14 465,949	213 201,644	14,738	14,275
62	49	86 681	13 868,067	198 735,695	14,330	13,867
63	50	85 475	13 276,773	184 867,627	13,924	13,461
64	51	84 191	12 696,554	171 590,854	13,515	13,052
65	52	82 806	12 123,925	158 894,300	13,106	12,643
66	53	81 334	11 561,463	146 770,375	12,695	12,232
67	54	79 785	11 011,068	135 208,912	12,279	11,816
68	55	78 117	10 466,828	124 197,843	11,866	11,403
69	56	76 402	9 938,867	113 731,015	11,443	10,980
70	57	74 555	9 416,072	103 792,148	11,023	10,560
71	58	72 593	8 901,322	94 376,076	10,602	10,139
72	59	70 510	8 394,084	85 474,755	10,183	9,720
73	60	68 335	7 898,161	77 080,670	9,759	9,296
74	61	66 043	7 410,969	69 182,509	9,335	8,872
75	62	63 643	6 933,636	61 771,540	8,909	8,446
76	63	61 104	6 463,077	54 837,905	8,485	8,022
77	64	58 417	5 998,873	48 374,828	8,064	7,601
78	65	55 598	5 543,181	42 375,956	7,645	7,181
79	66	52 603	5 091,740	36 832,774	7,234	6,771
80	67	49 417	4 644,081	31 741,034	6,835	6,372
81	68	46 071	4 203,517	27 096,953	6,446	5,983
82	69	42 566	3 770,642	22 893,437	6,071	5,608
83	70	38 944	3 349,252	19 122,794	5,710	5,246
84	71	35 207	2 939,692	15 773,543	5,366	4,902
85	72	31 424	2 547,437	12 833,851	5,038	4,575
86	73	27 642	2 175,525	10 286,414	4,728	4,265
87	74	23 948	1 829,880	8 110,888	4,432	3,969
88	75	20 408	1 513,964	6 281,009	4,149	3,685
89	76	17 065	1 229,120	4 767,045	3,878	3,415
90	77	13 981	977,658	3 537,925	3,619	3,156
91	78	11 190	759,711	2 560,266	3,370	2,907
92	79	8 674	571,762	1 800,555	3,149	2,686
93	80	6 508	416,458	1 228,794	2,951	2,487
94	81	4 732	293,996	812,336	2,763	2,300
95	82	3 286	198,230	518,340	2,615	2,152
96	83	2 228	130,509	320,110	2,453	1,990
97	84	1 443	82,039	189,602	2,311	1,848
98	85	891	49,182	107,563	2,187	1,724
99	86	525	28,130	58,381	2,075	1,612
100	87	294	15,310	30,251	1,976	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	65 781,368	1 877 230,508	28,537	28,074
15	1	99 183	63 662,042	1 811 449,140	28,454	27,991
16	2	99 146	61 784,239	1 747 787,098	28,289	27,825
17	3	99 108	59 962,107	1 686 002,859	28,118	27,655
18	4	99 067	58 191,635	1 626 040,753	27,943	27,480
19	5	99 020	56 469,939	1 567 849,118	27,764	27,301
20	6	98 972	54 798,181	1 511 379,179	27,581	27,118
21	7	98 920	53 174,637	1 456 580,997	27,392	26,929
22	8	98 871	51 600,230	1 403 406,360	27,198	26,734
23	9	98 821	50 071,616	1 351 806,130	26,997	26,534
24	10	98 769	48 587,751	1 301 734,515	26,791	26,328
25	11	98 715	47 146,977	1 253 146,763	26,580	26,116
26	12	98 660	45 748,333	1 205 999,786	26,362	25,898
27	13	98 606	44 391,300	1 160 251,453	26,137	25,674
28	14	98 545	43 071,914	1 115 860,154	25,907	25,444
29	15	98 484	41 791,467	1 072 788,240	25,670	25,207
30	16	98 416	40 545,934	1 030 996,773	25,428	24,965
31	17	98 345	39 336,754	990 450,840	25,179	24,716
32	18	98 263	38 159,147	951 114,086	24,925	24,462
33	19	98 174	37 014,223	912 954,939	24,665	24,202
34	20	98 085	35 903,690	875 940,716	24,397	23,934
35	21	97 988	34 823,432	840 037,025	24,123	23,660
36	22	97 885	33 773,551	805 213,593	23,842	23,378
37	23	97 781	32 755,093	771 440,041	23,552	23,089
38	24	97 669	31 764,370	738 684,949	23,255	22,792
39	25	97 550	30 801,605	706 920,579	22,951	22,488
40	26	97 425	29 866,263	676 118,974	22,638	22,175
41	27	97 284	28 954,297	646 252,711	22,320	21,857
42	28	97 133	28 067,603	617 298,413	21,993	21,530
43	29	96 965	27 202,711	589 230,810	21,661	21,198
44	30	96 781	26 360,324	562 028,100	21,321	20,858
45	31	96 578	25 539,009	535 667,775	20,974	20,511
46	32	96 350	24 736,568	510 128,766	20,622	20,159
47	33	96 106	23 955,299	485 392,198	20,262	19,799
48	34	95 833	23 191,499	461 436,899	19,897	19,434
49	35	95 529	22 444,535	438 245,400	19,526	19,062
50	36	95 190	21 713,494	415 800,865	19,149	18,686
51	37	94 811	20 997,056	394 087,371	18,769	18,305
52	38	94 401	20 297,437	373 090,315	18,381	17,918
53	39	93 928	19 607,553	352 792,877	17,993	17,529
54	40	93 404	18 930,254	333 185,324	17,601	17,137
55	41	92 821	18 264,037	314 255,070	17,206	16,743
56	42	92 179	17 609,608	295 991,034	16,808	16,345
57	43	91 474	16 965,840	278 381,425	16,408	15,945
58	44	90 702	16 332,774	261 415,586	16,006	15,542
59	45	89 845	15 707,183	245 082,811	15,603	15,140
60	46	88 915	15 091,826	229 375,628	15,199	14,735
61	47	87 910	14 486,717	214 283,803	14,792	14,329
62	48	86 820	13 890,286	199 797,086	14,384	13,921
63	49	85 630	13 300,867	185 906,800	13,977	13,514
64	50	84 358	12 721,624	172 605,933	13,568	13,105
65	51	82 990	12 150,764	159 884,309	13,158	12,695
66	52	81 534	11 589,920	147 733,545	12,747	12,284
67	53	80 004	11 041,246	136 143,625	12,330	11,867
68	54	78 353	10 498,425	125 102,379	11,916	11,453
69	55	76 656	9 971,908	114 603,955	11,493	11,029
70	56	74 826	9 450,271	104 632,047	11,072	10,609
71	57	72 884	8 937,001	95 181,776	10,650	10,187
72	58	70 823	8 431,271	86 244,775	10,229	9,766
73	59	68 667	7 936,494	77 813,504	9,805	9,341
74	60	66 401	7 451,138	69 877,010	9,378	8,915
75	61	64 001	6 972,648	62 425,872	8,953	8,490
76	62	61 477	6 502,590	55 453,223	8,528	8,065
77	63	58 804	6 038,634	48 950,633	8,106	7,643
78	64	56 007	5 583,873	42 911,999	7,685	7,222
79	65	53 027	5 132,865	37 328,126	7,272	6,809
80	66	49 853	4 685,006	32 195,261	6,872	6,409
81	67	46 522	4 244,666	27 510,255	6,481	6,018
82	68	43 006	3 809,556	23 265,588	6,107	5,644
83	69	39 384	3 387,093	19 456,032	5,744	5,281
84	70	35 641	2 975,949	16 068,939	5,400	4,936
85	71	31 851	2 582,011	13 092,990	5,071	4,608
86	72	28 046	2 207,331	10 510,979	4,762	4,299
87	73	24 324	1 858,657	8 303,648	4,468	4,004
88	74	20 763	1 540,316	6 444,991	4,184	3,721
89	75	17 397	1 253,012	4 904,675	3,914	3,451
90	76	14 293	999,473	3 651,662	3,654	3,190
91	77	11 471	778,753	2 652,189	3,406	2,942
92	78	8 925	588,293	1 873,437	3,185	2,721
93	79	6 729	430,636	1 285,144	2,984	2,521
94	80	4 921	305,739	854,508	2,795	2,332
95	81	3 438	207,367	548,769	2,646	2,183
96	82	2 347	137,427	341,402	2,484	2,021
97	83	1 532	87,097	203,975	2,342	1,879
98	84	955	52,726	116,878	2,217	1,753
99	85	569	30,484	64,152	2,104	1,641
100	86	323	16,804	33,668	2,004	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	63 857,693	1 812 974,924	28,391	27,928
16	1	99 168	61 798,518	1 749 117,231	28,304	27,840
17	2	99 120	59 969,248	1 687 318,713	28,136	27,673
18	3	99 079	58 198,568	1 627 349,465	27,962	27,499
19	4	99 029	56 475,075	1 569 150,897	27,785	27,322
20	5	98 979	54 802,291	1 512 675,822	27,602	27,139
21	6	98 927	53 178,137	1 457 873,531	27,415	26,952
22	7	98 876	51 602,774	1 404 695,394	27,221	26,758
23	8	98 827	50 074,716	1 353 092,620	27,021	26,558
24	9	98 775	48 590,895	1 303 017,904	26,816	26,353
25	10	98 721	47 149,771	1 254 427,008	26,605	26,142
26	11	98 668	45 751,741	1 207 277,238	26,388	25,924
27	12	98 614	44 394,812	1 161 525,497	26,164	25,700
28	13	98 554	43 075,606	1 117 130,685	25,934	25,471
29	14	98 495	41 795,852	1 074 055,079	25,698	25,234
30	15	98 428	40 551,007	1 032 259,226	25,456	24,993
31	16	98 359	39 342,305	991 708,220	25,207	24,744
32	17	98 277	38 164,735	952 365,914	24,954	24,491
33	18	98 194	37 021,762	914 201,180	24,694	24,230
34	19	98 104	35 910,622	877 179,417	24,427	23,964
35	20	98 006	34 829,882	841 268,795	24,154	23,690
36	21	97 901	33 779,144	806 438,913	23,874	23,411
37	22	97 798	32 760,762	772 659,770	23,585	23,122
38	23	97 690	31 771,264	739 899,008	23,288	22,825
39	24	97 566	30 806,829	708 127,744	22,986	22,523
40	25	97 443	29 871,833	677 320,915	22,674	22,211
41	26	97 302	28 959,932	647 449,082	22,357	21,893
42	27	97 155	28 073,735	618 489,150	22,031	21,568
43	28	96 989	27 209,496	590 415,415	21,699	21,236
44	29	96 806	26 367,148	563 205,918	21,360	20,897
45	30	96 607	25 546,595	536 838,770	21,014	20,551
46	31	96 381	24 744,466	511 292,176	20,663	20,200
47	32	96 140	23 963,615	486 547,709	20,304	19,840
48	33	95 867	23 199,760	462 584,094	19,939	19,476
49	34	95 566	22 453,316	439 384,334	19,569	19,106
50	35	95 228	21 722,237	416 931,018	19,194	18,731
51	36	94 855	21 006,905	395 208,780	18,813	18,350
52	37	94 445	20 306,783	374 201,876	18,427	17,964
53	38	93 983	19 619,043	353 895,093	18,038	17,575
54	39	93 460	18 941,538	334 276,049	17,648	17,185
55	40	92 884	18 276,441	315 334,512	17,254	16,790
56	41	92 250	17 623,052	297 058,071	16,856	16,393
57	42	91 550	16 979,930	279 435,019	16,457	15,994
58	43	90 784	16 347,486	262 455,089	16,055	15,592
59	44	89 937	15 723,221	246 107,603	15,652	15,189
60	45	89 014	15 108,626	230 384,382	15,249	14,785
61	46	88 022	14 505,134	215 275,756	14,841	14,378
62	47	86 945	13 910,227	200 770,622	14,433	13,970
63	48	85 767	13 322,177	186 860,395	14,026	13,563
64	49	84 511	12 744,710	173 538,217	13,616	13,153
65	50	83 153	12 174,756	160 793,507	13,207	12,744
66	51	81 714	11 615,576	148 618,751	12,795	12,332
67	52	80 201	11 068,422	137 003,175	12,378	11,915
68	53	78 568	10 527,197	125 934,753	11,963	11,500
69	54	76 888	10 002,010	115 407,556	11,538	11,075
70	55	75 074	9 481,688	105 405,546	11,117	10,654
71	56	73 149	8 969,460	95 923,858	10,694	10,231
72	57	71 107	8 465,066	86 954,398	10,272	9,809
73	58	68 971	7 971,654	78 489,332	9,846	9,383
74	59	66 724	7 487,302	70 517,678	9,418	8,955
75	60	64 348	7 010,442	63 030,376	8,991	8,528
76	61	61 823	6 539,178	56 019,935	8,567	8,104
77	62	59 163	6 075,552	49 480,757	8,144	7,681
78	63	56 378	5 620,883	43 405,205	7,722	7,259
79	64	53 417	5 170,545	37 784,321	7,308	6,844
80	65	50 255	4 722,847	32 613,776	6,906	6,442
81	66	46 932	4 282,072	27 890,930	6,513	6,050
82	67	43 427	3 846,849	23 608,858	6,137	5,674
83	68	39 790	3 422,049	19 762,009	5,775	5,312
84	69	36 044	3 009,573	16 339,960	5,429	4,966
85	70	32 244	2 613,857	13 330,388	5,100	4,637
86	71	28 427	2 237,289	10 716,530	4,790	4,327
87	72	24 680	1 885,830	8 479,241	4,496	4,033
88	73	21 089	1 564,539	6 593,410	4,214	3,751
89	74	17 700	1 274,823	5 028,871	3,945	3,482
90	75	14 571	1 018,901	3 754,049	3,684	3,221
91	76	11 727	796,129	2 735,148	3,436	2,972
92	77	9 149	603,038	1 939,019	3,215	2,752
93	78	6 924	443,086	1 335,980	3,015	2,552
94	79	5 088	316,148	892,894	2,824	2,361
95	80	3 575	215,650	576,746	2,674	2,211
96	81	2 455	143,761	361,097	2,512	2,049
97	82	1 613	91,714	217,335	2,370	1,906
98	83	1 014	55,978	125,621	2,244	1,781
99	84	610	32,681	69,643	2,131	1,668
100	85	350	18,210	36,962	2,030	1,567

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	61 988,442	1 750 526,719	28,240	27,776
17	1	99 143	59 983,107	1 688 538,277	28,150	27,687
18	2	99 091	58 205,499	1 628 555,170	27,979	27,516
19	3	99 041	56 481,804	1 570 349,670	27,803	27,340
20	4	98 988	54 807,275	1 513 867,866	27,622	27,158
21	5	98 934	53 182,126	1 459 060,592	27,435	26,972
22	6	98 883	51 606,171	1 405 878,466	27,242	26,779
23	7	98 832	50 077,185	1 354 272,295	27,044	26,580
24	8	98 781	48 593,904	1 304 195,110	26,839	26,375
25	9	98 728	47 152,822	1 255 601,206	26,628	26,165
26	10	98 674	45 754,452	1 208 448,384	26,412	25,948
27	11	98 621	44 398,119	1 162 693,933	26,188	25,725
28	12	98 562	43 079,014	1 118 295,814	25,959	25,496
29	13	98 503	41 799,435	1 075 216,799	25,723	25,260
30	14	98 438	40 555,262	1 033 417,364	25,482	25,018
31	15	98 371	39 347,228	992 862,102	25,233	24,770
32	16	98 291	38 170,121	953 514,874	24,981	24,517
33	17	98 209	37 027,184	915 344,753	24,721	24,258
34	18	98 124	35 917,936	878 317,569	24,453	23,990
35	19	98 025	34 836,606	842 399,633	24,181	23,718
36	20	97 919	33 785,400	807 563,027	23,903	23,439
37	21	97 814	32 766,187	773 777,627	23,615	23,152
38	22	97 707	31 776,763	741 011,440	23,319	22,856
39	23	97 587	30 813,515	709 234,678	23,017	22,554
40	24	97 460	29 876,899	678 421,163	22,707	22,244
41	25	97 321	28 965,333	648 544,263	22,390	21,927
42	26	97 174	28 079,198	619 578,930	22,065	21,602
43	27	97 010	27 215,441	591 499,732	21,734	21,271
44	28	96 830	26 373,725	564 284,291	21,396	20,932
45	29	96 632	25 553,207	537 910,566	21,051	20,587
46	30	96 409	24 751,816	512 357,358	20,700	20,237
47	31	96 170	23 971,267	487 605,542	20,341	19,878
48	32	95 901	23 207,814	463 634,275	19,978	19,514
49	33	95 600	22 461,314	440 426,461	19,608	19,145
50	34	95 266	21 730,736	417 965,147	19,234	18,771
51	35	94 893	21 015,363	396 234,411	18,855	18,391
52	36	94 489	20 316,308	375 219,048	18,469	18,006
53	37	94 027	19 628,077	354 902,740	18,081	17,618
54	38	93 515	18 952,638	335 274,663	17,690	17,227
55	39	92 939	18 287,335	316 322,025	17,297	16,834
56	40	92 313	17 635,021	298 034,691	16,900	16,437
57	41	91 620	16 992,893	280 399,670	16,501	16,038
58	42	90 860	16 361,063	263 406,777	16,100	15,636
59	43	90 018	15 737,384	247 045,714	15,698	15,235
60	44	89 105	15 124,053	231 308,331	15,294	14,831
61	45	88 120	14 521,281	216 184,277	14,887	14,424
62	46	87 055	13 927,912	201 662,996	14,479	14,016
63	47	85 890	13 341,302	187 735,085	14,072	13,608
64	48	84 646	12 765,129	174 393,782	13,662	13,199
65	49	83 304	12 196,850	161 628,653	13,252	12,788
66	50	81 876	11 638,512	149 431,803	12,839	12,376
67	51	80 379	11 092,924	137 793,291	12,422	11,959
68	52	78 761	10 553,108	126 700,367	12,006	11,543
69	53	77 098	10 029,422	116 147,260	11,581	11,117
70	54	75 301	9 510,310	106 117,837	11,158	10,695
71	55	73 392	8 999,278	96 607,527	10,735	10,272
72	56	71 365	8 495,811	87 608,249	10,312	9,849
73	57	69 247	8 003,606	79 112,438	9,885	9,421
74	58	67 019	7 520,471	71 108,831	9,455	8,992
75	59	64 661	7 044,467	63 588,360	9,027	8,563
76	60	62 158	6 574,622	56 543,893	8,600	8,137
77	61	59 496	6 109,737	49 969,272	8,179	7,715
78	62	56 722	5 655,248	43 859,535	7,756	7,292
79	63	53 771	5 204,815	38 204,287	7,340	6,877
80	64	50 624	4 757,516	32 999,471	6,936	6,473
81	65	47 311	4 316,658	28 241,955	6,543	6,079
82	66	43 809	3 880,749	23 925,297	6,165	5,702
83	67	40 180	3 455,548	20 044,548	5,801	5,337
84	68	36 416	3 040,632	16 589,000	5,456	4,993
85	69	32 608	2 643,390	13 548,368	5,125	4,662
86	70	28 777	2 264,884	10 904,978	4,815	4,352
87	71	25 015	1 911,425	8 640,094	4,520	4,057
88	72	21 398	1 587,413	6 728,669	4,239	3,776
89	73	17 978	1 294,871	5 141,256	3,970	3,507
90	74	14 824	1 036,636	3 846,386	3,710	3,247
91	75	11 955	811,604	2 809,750	3,462	2,999
92	76	9 353	616,494	1 998,145	3,241	2,778
93	77	7 097	454,192	1 381,651	3,042	2,579
94	78	5 236	325,288	927,459	2,851	2,388
95	79	3 697	222,991	602,170	2,700	2,237
96	80	2 553	149,503	379,179	2,536	2,073
97	81	1 687	95,942	229,676	2,394	1,931
98	82	1 068	58,945	133,734	2,269	1,806
99	83	647	34,696	74,789	2,156	1,692
100	84	375	19,522	40,093	2,054	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	60 167,452	1 689 840,787	28,086	27,622
18	1	99 114	58 218,951	1 629 673,335	27,992	27,529
19	2	99 053	56 488,530	1 571 454,384	27,819	27,356
20	3	99 000	54 813,805	1 514 965,853	27,638	27,175
21	4	98 943	53 186,962	1 460 152,048	27,453	26,990
22	5	98 890	51 610,041	1 406 965,086	27,261	26,798
23	6	98 838	50 080,481	1 355 355,045	27,064	26,600
24	7	98 786	48 596,300	1 305 274,563	26,860	26,396
25	8	98 734	47 155,741	1 256 678,264	26,650	26,186
26	9	98 680	45 757,413	1 209 522,522	26,433	25,970
27	10	98 627	44 400,750	1 163 765,110	26,210	25,747
28	11	98 569	43 082,223	1 119 364,360	25,982	25,519
29	12	98 511	41 802,743	1 076 282,137	25,747	25,283
30	13	98 447	40 558,739	1 034 479,394	25,506	25,042
31	14	98 382	39 351,357	993 920,655	25,258	24,794
32	15	98 304	38 174,896	954 569,298	25,005	24,542
33	16	98 222	37 032,409	916 394,401	24,746	24,283
34	17	98 139	35 923,196	879 361,992	24,479	24,016
35	18	98 045	34 843,702	843 438,796	24,206	23,743
36	19	97 938	33 791,922	808 595,094	23,929	23,465
37	20	97 833	32 772,255	774 803,172	23,642	23,179
38	21	97 723	31 782,025	742 030,917	23,348	22,884
39	22	97 604	30 818,848	710 248,892	23,046	22,583
40	23	97 481	29 883,384	679 430,044	22,736	22,273
41	24	97 337	28 970,246	649 546,661	22,421	21,958
42	25	97 192	28 084,435	620 576,415	22,097	21,634
43	26	97 029	27 220,737	592 491,980	21,766	21,303
44	27	96 851	26 379,487	565 271,243	21,428	20,965
45	28	96 656	25 559,582	538 891,755	21,084	20,621
46	29	96 434	24 758,223	513 332,173	20,734	20,271
47	30	96 199	23 978,387	488 573,950	20,376	19,912
48	31	95 931	23 215,224	464 595,563	20,013	19,549
49	32	95 633	22 469,112	441 380,339	19,644	19,181
50	33	95 299	21 738,476	418 911,228	19,270	18,807
51	34	94 930	21 023,586	397 172,751	18,892	18,429
52	35	94 527	20 324,488	376 149,166	18,507	18,044
53	36	94 071	19 637,283	355 824,677	18,120	17,657
54	37	93 558	18 961,364	336 187,394	17,730	17,267
55	38	92 993	18 298,051	317 226,030	17,337	16,873
56	39	92 368	17 645,533	298 927,979	16,941	16,477
57	40	91 682	17 004,434	281 282,446	16,542	16,078
58	41	90 929	16 373,553	264 278,012	16,141	15,677
59	42	90 093	15 750,454	247 904,459	15,740	15,276
60	43	89 185	15 137,676	232 154,005	15,336	14,873
61	44	88 210	14 536,109	217 016,329	14,929	14,466
62	45	87 152	13 943,416	202 480,221	14,522	14,058
63	46	85 999	13 358,264	188 536,805	14,114	13,651
64	47	84 768	12 783,454	175 178,541	13,704	13,240
65	48	83 438	12 216,391	162 395,086	13,293	12,830
66	49	82 024	11 659,633	150 178,695	12,880	12,417
67	50	80 537	11 114,828	138 519,062	12,463	11,999
68	51	78 935	10 576,469	127 404,235	12,046	11,583
69	52	77 288	10 054,108	116 827,766	11,620	11,157
70	53	75 507	9 536,374	106 773,658	11,196	10,733
71	54	73 614	9 026,445	97 237,284	10,772	10,309
72	55	71 602	8 524,055	88 210,839	10,348	9,885
73	56	69 499	8 032,676	79 686,784	9,920	9,457
74	57	67 288	7 550,616	71 654,108	9,490	9,027
75	58	64 947	7 075,674	64 103,493	9,060	8,596
76	59	62 460	6 606,531	57 027,819	8,632	8,169
77	60	59 819	6 142,853	50 421,287	8,208	7,745
78	61	57 042	5 687,068	44 278,434	7,786	7,323
79	62	54 099	5 236,637	38 591,366	7,369	6,906
80	63	50 960	4 789,049	33 354,730	6,965	6,502
81	64	47 658	4 348,346	28 565,680	6,569	6,106
82	65	44 163	3 912,093	24 217,334	6,190	5,727
83	66	40 534	3 486,000	20 305,241	5,825	5,362
84	67	36 772	3 070,398	16 819,242	5,478	5,015
85	68	32 945	2 670,670	13 748,844	5,148	4,685
86	69	29 102	2 290,473	11 078,174	4,837	4,373
87	70	25 323	1 935,000	8 787,700	4,541	4,078
88	71	21 688	1 608,957	6 852,700	4,259	3,796
89	72	18 241	1 313,802	5 243,743	3,991	3,528
90	73	15 058	1 052,939	3 929,941	3,732	3,269
91	74	12 163	825,731	2 877,002	3,484	3,021
92	75	9 535	628,478	2 051,271	3,264	2,801
93	76	7 256	464,327	1 422,794	3,064	2,601
94	77	5 367	333,442	958,467	2,874	2,411
95	78	3 804	229,438	625,025	2,724	2,261
96	79	2 640	154,593	395,587	2,559	2,096
97	80	1 755	99,774	240,994	2,415	1,952
98	81	1 117	61,662	141,220	2,290	1,827
99	82	682	36,535	79,558	2,178	1,714
100	83	398	20,726	43,022	2,076	1,613

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	58 397,874	1 630 877,391	27,927	27,464
19	1	99 076	56 501,585	1 572 479,517	27,831	27,367
20	2	99 012	54 820,333	1 515 977,931	27,654	27,190
21	3	98 955	53 193,299	1 461 157,598	27,469	27,006
22	4	98 899	51 614,735	1 407 964,299	27,278	26,815
23	5	98 846	50 084,237	1 356 349,564	27,081	26,618
24	6	98 793	48 599,499	1 306 265,327	26,878	26,415
25	7	98 739	47 158,066	1 257 665,828	26,669	26,206
26	8	98 686	45 760,246	1 210 507,762	26,453	25,990
27	9	98 633	44 403,623	1 164 747,516	26,231	25,768
28	10	98 575	43 084,776	1 120 343,893	26,003	25,540
29	11	98 518	41 805,857	1 077 259,117	25,768	25,305
30	12	98 454	40 561,948	1 035 453,261	25,528	25,064
31	13	98 390	39 354,731	994 891,312	25,280	24,817
32	14	98 314	38 178,903	955 536,582	25,028	24,565
33	15	98 235	37 037,043	917 357,679	24,769	24,305
34	16	98 153	35 928,266	880 320,636	24,502	24,039
35	17	98 060	34 848,804	844 392,370	24,230	23,767
36	18	97 958	33 798,805	809 543,566	23,952	23,489
37	19	97 851	32 778,582	775 744,761	23,666	23,203
38	20	97 741	31 787,911	742 966,179	23,373	22,909
39	21	97 620	30 823,951	711 178,268	23,072	22,609
40	22	97 498	29 888,556	680 354,317	22,763	22,300
41	23	97 358	28 976,533	650 465,762	22,448	21,985
42	24	97 208	28 089,198	621 489,228	22,126	21,662
43	25	97 047	27 225,814	593 400,030	21,795	21,332
44	26	96 870	26 384,621	566 174,216	21,458	20,995
45	27	96 677	25 565,166	539 789,595	21,114	20,651
46	28	96 458	24 764,399	514 224,429	20,765	20,301
47	29	96 224	23 984,594	489 460,030	20,407	19,944
48	30	95 960	23 222,119	465 475,436	20,044	19,581
49	31	95 664	22 476,286	442 253,317	19,676	19,213
50	32	95 333	21 746,023	419 777,031	19,304	18,840
51	33	94 964	21 031,074	398 031,008	18,926	18,463
52	34	94 564	20 332,441	376 999,934	18,542	18,079
53	35	94 109	19 645,190	356 667,493	18,155	17,692
54	36	93 602	18 970,258	337 022,303	17,766	17,303
55	37	93 036	18 306,476	318 052,045	17,374	16,911
56	38	92 422	17 655,873	299 745,569	16,977	16,514
57	39	91 737	17 014,569	282 089,696	16,579	16,116
58	40	90 991	16 384,674	265 075,126	16,178	15,715
59	41	90 161	15 762,478	248 690,453	15,777	15,314
60	42	89 259	15 150,248	232 927,975	15,375	14,911
61	43	88 290	14 549,202	217 777,727	14,968	14,505
62	44	87 241	13 957,654	203 228,525	14,560	14,097
63	45	86 095	13 373,134	189 270,871	14,153	13,690
64	46	84 876	12 799,707	175 897,737	13,742	13,279
65	47	83 558	12 233,929	163 098,030	13,332	12,868
66	48	82 156	11 678,313	150 864,102	12,918	12,455
67	49	80 683	11 134,998	139 185,788	12,500	12,037
68	50	79 091	10 597,353	128 050,790	12,083	11,620
69	51	77 459	10 076,364	117 453,438	11,656	11,193
70	52	75 693	9 559,847	107 377,073	11,232	10,769
71	53	73 816	9 051,183	97 817,226	10,807	10,344
72	54	71 818	8 549,786	88 766,044	10,382	9,919
73	55	69 730	8 059,380	80 216,257	9,953	9,490
74	56	67 532	7 578,040	72 156,877	9,522	9,059
75	57	65 207	7 104,035	64 578,838	9,090	8,627
76	58	62 737	6 635,799	57 474,802	8,661	8,198
77	59	60 109	6 172,667	50 839,004	8,236	7,773
78	60	57 351	5 717,893	44 666,336	7,812	7,348
79	61	54 404	5 266,101	38 948,443	7,396	6,933
80	62	51 271	4 818,329	33 682,342	6,990	6,527
81	63	47 974	4 377,167	28 864,014	6,594	6,131
82	64	44 488	3 940,811	24 486,847	6,214	5,750
83	65	40 861	3 514,156	20 546,035	5,847	5,383
84	66	37 096	3 097,455	17 031,880	5,499	5,035
85	67	33 267	2 696,814	13 934,424	5,167	4,704
86	68	29 403	2 314,111	11 237,610	4,856	4,393
87	69	25 609	1 956,863	8 923,499	4,560	4,097
88	70	21 956	1 628,802	6 966,636	4,277	3,814
89	71	18 488	1 331,633	5 337,834	4,008	3,545
90	72	15 278	1 068,333	4 006,201	3,750	3,287
91	73	12 354	838,717	2 937,869	3,503	3,040
92	74	9 701	639,417	2 099,152	3,283	2,820
93	75	7 397	473,352	1 459,735	3,084	2,621
94	76	5 487	340,882	986,382	2,894	2,430
95	77	3 899	235,189	645,501	2,745	2,281
96	78	2 716	159,063	410,312	2,580	2,116
97	79	1 815	103,171	251,249	2,435	1,972
98	80	1 162	64,125	148,078	2,309	1,846
99	81	713	38,219	83,953	2,197	1,733
100	82	419	21,825	45,734	2,096	1,632

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	56 675,230	1 573 592,896	27,765	27,302
20	1	99 035	54 833,003	1 516 917,665	27,664	27,201
21	2	98 967	53 199,634	1 462 084,662	27,483	27,020
22	3	98 911	51 620,885	1 408 885,028	27,293	26,830
23	4	98 855	50 088,792	1 357 264,143	27,097	26,634
24	5	98 800	48 603,144	1 307 175,351	26,895	26,432
25	6	98 745	47 161,171	1 258 572,208	26,687	26,223
26	7	98 691	45 762,502	1 211 411,037	26,472	26,008
27	8	98 639	44 406,372	1 165 648,536	26,250	25,786
28	9	98 581	43 087,564	1 121 242,163	26,022	25,559
29	10	98 524	41 808,334	1 078 154,599	25,788	25,325
30	11	98 462	40 564,970	1 036 346,265	25,548	25,085
31	12	98 398	39 357,844	995 781,296	25,301	24,837
32	13	98 322	38 182,176	956 423,451	25,049	24,586
33	14	98 245	37 040,930	918 241,275	24,790	24,327
34	15	98 165	35 932,761	881 200,346	24,524	24,060
35	16	98 074	34 853,722	845 267,585	24,252	23,789
36	17	97 973	33 803,755	810 413,863	23,974	23,511
37	18	97 871	32 785,258	776 610,108	23,688	23,225
38	19	97 760	31 794,048	743 824,849	23,395	22,932
39	20	97 638	30 829,660	712 030,802	23,096	22,632
40	21	97 514	29 893,505	681 201,142	22,788	22,324
41	22	97 375	28 981,548	651 307,637	22,473	22,010
42	23	97 229	28 095,294	622 326,089	22,151	21,687
43	24	97 063	27 230,432	594 230,795	21,822	21,359
44	25	96 888	26 389,542	567 000,363	21,486	21,023
45	26	96 696	25 570,141	540 610,821	21,142	20,679
46	27	96 479	24 769,810	515 040,680	20,793	20,330
47	28	96 248	23 990,577	490 270,871	20,436	19,973
48	29	95 984	23 228,130	466 280,294	20,074	19,611
49	30	95 692	22 482,962	443 052,163	19,706	19,243
50	31	95 363	21 752,967	420 569,201	19,334	18,871
51	32	94 997	21 038,375	398 816,235	18,957	18,493
52	33	94 598	20 339,683	377 777,860	18,573	18,110
53	34	94 145	19 652,877	357 438,177	18,188	17,724
54	35	93 639	18 977,896	337 785,300	17,799	17,336
55	36	93 080	18 315,063	318 807,404	17,407	16,944
56	37	92 464	17 664,002	300 492,341	17,012	16,548
57	38	91 790	17 024,540	282 828,338	16,613	16,150
58	39	91 045	16 394,440	265 803,798	16,213	15,750
59	40	90 223	15 773,183	249 409,359	15,812	15,349
60	41	89 327	15 161,814	233 636,175	15,410	14,946
61	42	88 363	14 561,285	218 474,361	15,004	14,541
62	43	87 320	13 970,226	203 913,076	14,596	14,133
63	44	86 183	13 386,789	189 942,850	14,189	13,726
64	45	84 970	12 813,955	176 556,061	13,778	13,315
65	46	83 664	12 249,482	163 742,106	13,367	12,904
66	47	82 274	11 695,079	151 492,623	12,954	12,490
67	48	80 813	11 152,838	139 797,545	12,535	12,071
68	49	79 235	10 616,584	128 644,707	12,117	11,654
69	50	77 612	10 096,261	118 028,123	11,690	11,227
70	51	75 861	9 581,009	107 931,862	11,265	10,802
71	52	73 997	9 073,461	98 350,853	10,839	10,376
72	53	72 015	8 573,218	89 277,392	10,414	9,950
73	54	69 940	8 083,709	80 704,174	9,984	9,520
74	55	67 757	7 603,232	72 620,465	9,551	9,088
75	56	65 444	7 129,838	65 017,233	9,119	8,656
76	57	62 988	6 662,397	57 887,395	8,689	8,225
77	58	60 375	6 200,013	51 224,998	8,262	7,799
78	59	57 629	5 745,645	45 024,985	7,836	7,373
79	60	54 699	5 294,645	39 279,341	7,419	6,955
80	61	51 560	4 845,439	33 984,696	7,014	6,551
81	62	48 268	4 403,928	29 139,257	6,617	6,153
82	63	44 782	3 966,931	24 735,329	6,235	5,772
83	64	41 161	3 539,953	20 768,398	5,867	5,404
84	65	37 396	3 122,473	17 228,445	5,518	5,054
85	66	33 560	2 720,580	14 105,972	5,185	4,722
86	67	29 690	2 336,765	11 385,393	4,872	4,409
87	68	25 874	1 977,058	9 048,628	4,577	4,114
88	69	22 204	1 647,205	7 071,570	4,293	3,830
89	70	18 716	1 348,057	5 424,365	4,024	3,561
90	71	15 485	1 082,832	4 076,308	3,764	3,301
91	72	12 534	850,979	2 993,476	3,518	3,054
92	73	9 853	649,473	2 142,497	3,299	2,836
93	74	7 526	481,592	1 493,024	3,100	2,637
94	75	5 593	347,508	1 011,433	2,911	2,447
95	76	3 986	240,437	663,925	2,761	2,298
96	77	2 784	163,050	423,488	2,597	2,134
97	78	1 867	106,154	260,438	2,453	1,990
98	79	1 201	66,308	154,285	2,327	1,864
99	80	742	39,746	87,977	2,213	1,750
100	81	439	22,831	48,231	2,113	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	55 001,520	1 517 947,489	27,598	27,135
21	1	98 990	53 211,929	1 462 945,970	27,493	27,030
22	2	98 923	51 627,032	1 409 734,040	27,306	26,843
23	3	98 866	50 094,760	1 358 107,008	27,111	26,648
24	4	98 809	48 607,564	1 308 012,248	26,910	26,446
25	5	98 752	47 164,708	1 259 404,684	26,702	26,239
26	6	98 698	45 765,514	1 212 239,977	26,488	26,025
27	7	98 644	44 408,561	1 166 474,463	26,267	25,804
28	8	98 587	43 090,232	1 122 065,901	26,040	25,577
29	9	98 530	41 811,039	1 078 975,669	25,806	25,343
30	10	98 468	40 567,373	1 037 164,630	25,566	25,103
31	11	98 405	39 360,776	996 597,256	25,320	24,856
32	12	98 330	38 185,197	957 236,480	25,068	24,605
33	13	98 253	37 044,105	919 051,283	24,810	24,346
34	14	98 175	35 936,532	882 007,178	24,543	24,080
35	15	98 086	34 858,083	846 070,646	24,272	23,809
36	16	97 987	33 808,525	811 212,563	23,994	23,531
37	17	97 886	32 790,059	777 404,038	23,709	23,245
38	18	97 780	31 800,524	744 613,979	23,415	22,952
39	19	97 657	30 835,612	712 813,455	23,117	22,653
40	20	97 532	29 899,041	681 977,843	22,809	22,346
41	21	97 391	28 986,347	652 078,802	22,496	22,033
42	22	97 246	28 100,157	623 092,455	22,174	21,711
43	23	97 084	27 236,341	594 992,298	21,846	21,382
44	24	96 904	26 394,017	567 755,957	21,511	21,048
45	25	96 714	25 574,910	541 361,939	21,168	20,704
46	26	96 498	24 774,630	515 787,029	20,819	20,356
47	27	96 269	23 995,818	491 012,399	20,462	19,999
48	28	96 008	23 233,925	467 016,581	20,101	19,637
49	29	95 717	22 488,782	443 782,656	19,734	19,270
50	30	95 391	21 759,428	421 293,875	19,361	18,898
51	31	95 027	21 045,093	399 534,447	18,985	18,521
52	32	94 630	20 346,744	378 489,354	18,602	18,139
53	33	94 179	19 659,877	358 142,610	18,217	17,754
54	34	93 676	18 985,322	338 482,734	17,829	17,365
55	35	93 117	18 322,437	319 497,412	17,437	16,974
56	36	92 508	17 672,288	301 174,974	17,042	16,579
57	37	91 833	17 032,379	283 502,686	16,645	16,182
58	38	91 098	16 404,047	266 470,308	16,244	15,781
59	39	90 276	15 782,585	250 066,261	15,844	15,381
60	40	89 388	15 172,111	234 283,675	15,442	14,979
61	41	88 430	14 572,402	219 111,564	15,036	14,573
62	42	87 392	13 981,828	204 539,162	14,629	14,166
63	43	86 261	13 398,847	190 557,334	14,222	13,759
64	44	85 057	12 827,039	177 158,487	13,811	13,348
65	45	83 757	12 263,118	164 331,448	13,400	12,937
66	46	82 378	11 709,947	152 068,329	12,986	12,523
67	47	80 929	11 168,849	140 358,382	12,567	12,104
68	48	79 362	10 633,593	129 189,533	12,149	11,686
69	49	77 753	10 114,583	118 555,940	11,721	11,258
70	50	76 011	9 599,927	108 441,357	11,296	10,833
71	51	74 161	9 093,547	98 841,430	10,869	10,406
72	52	72 192	8 594,320	89 747,883	10,443	9,979
73	53	70 132	8 105,863	81 153,563	10,012	9,548
74	54	67 961	7 626,184	73 047,700	9,579	9,115
75	55	65 662	7 153,540	65 421,516	9,145	8,682
76	56	63 217	6 686,595	58 267,976	8,714	8,251
77	57	60 617	6 224,864	51 581,381	8,286	7,823
78	58	57 884	5 771,098	45 356,517	7,859	7,396
79	59	54 964	5 320,342	39 585,418	7,440	6,977
80	60	51 839	4 871,703	34 265,076	7,033	6,570
81	61	48 539	4 428,707	29 393,374	6,637	6,174
82	62	45 056	3 991,184	24 964,667	6,255	5,792
83	63	41 434	3 563,416	20 973,483	5,886	5,423
84	64	37 671	3 145,395	17 410,067	5,535	5,072
85	65	33 831	2 742,553	14 264,672	5,201	4,738
86	66	29 952	2 357,357	11 522,119	4,888	4,425
87	67	26 127	1 996,412	9 164,761	4,591	4,127
88	68	22 433	1 664,204	7 168,350	4,307	3,844
89	69	18 928	1 363,288	5 504,145	4,037	3,574
90	70	15 676	1 096,187	4 140,857	3,778	3,314
91	71	12 705	862,529	3 044,670	3,530	3,067
92	72	9 997	658,968	2 182,141	3,311	2,848
93	73	7 644	489,165	1 523,173	3,114	2,651
94	74	5 691	353,557	1 034,008	2,925	2,461
95	75	4 063	245,111	680,452	2,776	2,313
96	76	2 846	166,688	435,341	2,612	2,148
97	77	1 914	108,814	268,653	2,469	2,006
98	78	1 236	68,225	159,839	2,343	1,880
99	79	767	41,099	91,614	2,229	1,766
100	80	456	23,743	50,515	2,128	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	53 375,464	1 463 898,763	27,426	26,963
22	1	98 946	51 638,964	1 410 523,299	27,315	26,852
23	2	98 878	50 100,726	1 358 884,335	27,123	26,660
24	3	98 821	48 613,355	1 308 783,609	26,922	26,459
25	4	98 761	47 168,997	1 260 170,254	26,716	26,253
26	5	98 705	45 768,947	1 213 001,257	26,503	26,039
27	6	98 651	44 411,485	1 167 232,311	26,282	25,819
28	7	98 592	43 092,356	1 122 820,826	26,056	25,593
29	8	98 537	41 813,628	1 079 728,469	25,822	25,359
30	9	98 474	40 569,998	1 037 914,841	25,583	25,120
31	10	98 411	39 363,109	997 344,843	25,337	24,874
32	11	98 337	38 188,041	957 981,734	25,086	24,623
33	12	98 261	37 047,036	919 793,693	24,828	24,365
34	13	98 184	35 939,613	882 746,657	24,562	24,099
35	14	98 096	34 861,741	846 807,044	24,290	23,827
36	15	97 999	33 812,755	811 945,303	24,013	23,550
37	16	97 900	32 794,687	778 132,548	23,727	23,264
38	17	97 794	31 805,180	745 337,861	23,434	22,971
39	18	97 677	30 841,892	713 532,680	23,135	22,672
40	19	97 551	29 904,814	682 690,788	22,829	22,366
41	20	97 409	28 991,716	652 785,974	22,516	22,053
42	21	97 262	28 104,810	623 794,259	22,195	21,732
43	22	97 101	27 241,055	595 689,449	21,867	21,404
44	23	96 925	26 399,746	568 448,394	21,532	21,069
45	24	96 730	25 579,247	542 048,648	21,191	20,728
46	25	96 516	24 779,250	516 469,401	20,843	20,380
47	26	96 287	24 000,488	491 690,150	20,487	20,023
48	27	96 029	23 239,001	467 689,662	20,125	19,662
49	28	95 741	22 494,391	444 450,661	19,758	19,295
50	29	95 416	21 765,060	421 956,270	19,387	18,924
51	30	95 056	21 051,344	400 191,210	19,010	18,547
52	31	94 661	20 353,241	379 139,866	18,628	18,165
53	32	94 212	19 666,702	358 786,625	18,243	17,780
54	33	93 709	18 992,084	339 119,923	17,856	17,393
55	34	93 154	18 329,606	320 127,839	17,465	17,002
56	35	92 545	17 679,404	301 798,233	17,071	16,607
57	36	91 876	17 040,368	284 118,829	16,673	16,210
58	37	91 140	16 411,600	267 078,461	16,274	15,811
59	38	90 329	15 791,834	250 666,861	15,873	15,410
60	39	89 441	15 181,155	234 875,028	15,471	15,008
61	40	88 491	14 582,299	219 693,873	15,066	14,603
62	41	87 459	13 992,502	205 111,574	14,659	14,195
63	42	86 332	13 409,975	191 119,071	14,252	13,789
64	43	85 133	12 838,593	177 709,096	13,842	13,379
65	44	83 842	12 275,640	164 870,503	13,431	12,967
66	45	82 470	11 722,982	152 594,863	13,017	12,554
67	46	81 032	11 183,048	140 871,881	12,597	12,134
68	47	79 476	10 648,859	129 688,832	12,179	11,715
69	48	77 877	10 130,788	119 039,973	11,750	11,287
70	49	76 148	9 617,349	108 909,185	11,324	10,861
71	50	74 308	9 111,502	99 291,837	10,897	10,434
72	51	72 352	8 613,345	90 180,335	10,470	10,007
73	52	70 305	8 125,814	81 566,990	10,038	9,575
74	53	68 148	7 647,085	73 441,175	9,604	9,141
75	54	65 860	7 175,135	65 794,091	9,170	8,707
76	55	63 427	6 708,824	58 618,956	8,738	8,274
77	56	60 837	6 247,473	51 910,132	8,309	7,846
78	57	58 116	5 794,231	45 662,659	7,881	7,417
79	58	55 208	5 343,911	39 868,428	7,461	6,997
80	59	52 091	4 895,347	34 524,517	7,053	6,589
81	60	48 802	4 452,712	29 629,170	6,654	6,191
82	61	45 310	4 013,641	25 176,458	6,273	5,809
83	62	41 687	3 585,202	21 162,817	5,903	5,440
84	63	37 920	3 166,243	17 577,616	5,552	5,088
85	64	34 080	2 762,686	14 411,373	5,216	4,753
86	65	30 194	2 376,398	11 648,687	4,902	4,439
87	66	26 357	2 014,005	9 272,289	4,604	4,141
88	67	22 652	1 680,496	7 258,284	4,319	3,856
89	68	19 123	1 377,357	5 577,789	4,050	3,586
90	69	15 853	1 108,573	4 200,431	3,789	3,326
91	70	12 861	873,167	3 091,859	3,541	3,078
92	71	10 133	667,912	2 218,692	3,322	2,859
93	72	7 756	496,317	1 550,780	3,125	2,661
94	73	5 780	359,117	1 054,464	2,936	2,473
95	74	4 134	249,377	695,347	2,788	2,325
96	75	2 902	169,928	445,970	2,624	2,161
97	76	1 957	111,242	276,042	2,481	2,018
98	77	1 267	69,935	164,799	2,356	1,893
99	78	789	42,287	94,864	2,243	1,780
100	79	472	24,551	52,577	2,142	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	51 797,665	1 411 405,057	27,248	26,785
23	1	98 901	50 112,305	1 359 607,392	27,131	26,668
24	2	98 833	48 619,145	1 309 495,087	26,934	26,471
25	3	98 773	47 174,617	1 260 875,942	26,728	26,265
26	4	98 714	45 773,109	1 213 701,325	26,516	26,052
27	5	98 658	44 414,816	1 167 928,217	26,296	25,833
28	6	98 599	43 095,193	1 123 513,401	26,071	25,607
29	7	98 541	41 815,689	1 080 418,208	25,838	25,374
30	8	98 480	40 572,510	1 038 602,518	25,599	25,135
31	9	98 417	39 365,656	998 030,008	25,353	24,890
32	10	98 343	38 190,304	958 664,352	25,102	24,639
33	11	98 268	37 049,796	920 474,048	24,844	24,381
34	12	98 191	35 942,456	883 424,253	24,579	24,116
35	13	98 105	34 864,730	847 481,796	24,308	23,844
36	14	98 009	33 816,304	812 617,066	24,030	23,567
37	15	97 912	32 798,790	778 800,763	23,745	23,282
38	16	97 808	31 809,669	746 001,973	23,452	22,989
39	17	97 691	30 846,409	714 192,304	23,153	22,690
40	18	97 571	29 910,905	683 345,895	22,846	22,383
41	19	97 428	28 997,313	653 434,990	22,534	22,071
42	20	97 280	28 110,015	624 437,677	22,214	21,751
43	21	97 117	27 245,566	596 327,662	21,887	21,424
44	22	96 942	26 404,315	569 082,096	21,553	21,089
45	23	96 751	25 584,799	542 677,781	21,211	20,748
46	24	96 533	24 783,453	517 092,983	20,864	20,401
47	25	96 305	24 004,964	492 309,530	20,509	20,045
48	26	96 048	23 243,524	468 304,566	20,148	19,685
49	27	95 762	22 499,306	445 061,042	19,781	19,318
50	28	95 440	21 770,490	422 561,736	19,410	18,947
51	29	95 080	21 056,793	400 791,247	19,034	18,571
52	30	94 689	20 359,286	379 734,454	18,652	18,188
53	31	94 242	19 672,981	359 375,168	18,267	17,804
54	32	93 742	18 998,677	339 702,187	17,880	17,417
55	33	93 187	18 336,135	320 703,509	17,490	17,027
56	34	92 581	17 686,321	302 367,374	17,096	16,633
57	35	91 913	17 047,229	284 681,053	16,700	16,236
58	36	91 183	16 419,298	267 633,824	16,300	15,837
59	37	90 371	15 799,105	251 214,526	15,901	15,437
60	38	89 494	15 190,051	235 415,421	15,498	15,035
61	39	88 543	14 590,991	220 225,370	15,093	14,630
62	40	87 518	14 002,006	205 634,379	14,686	14,223
63	41	86 398	13 420,213	191 632,373	14,279	13,816
64	42	85 204	12 849,256	178 212,161	13,869	13,406
65	43	83 918	12 286,697	165 362,905	13,459	12,995
66	44	82 554	11 734,953	153 076,208	13,044	12,581
67	45	81 122	11 195,497	141 341,255	12,625	12,162
68	46	79 577	10 662,397	130 145,758	12,206	11,743
69	47	77 989	10 145,332	119 483,361	11,777	11,314
70	48	76 270	9 632,757	109 338,029	11,351	10,887
71	49	74 442	9 128,037	99 705,272	10,923	10,460
72	50	72 495	8 630,352	90 577,235	10,495	10,032
73	51	70 460	8 143,802	81 946,882	10,062	9,599
74	52	68 315	7 665,907	73 803,080	9,627	9,164
75	53	66 041	7 194,799	66 137,173	9,192	8,729
76	54	63 619	6 729,076	58 942,374	8,759	8,296
77	55	61 040	6 268,242	52 213,298	8,330	7,867
78	56	58 328	5 815,275	45 945,056	7,901	7,438
79	57	55 429	5 365,331	40 129,781	7,479	7,016
80	58	52 322	4 917,034	34 764,449	7,070	6,607
81	59	49 039	4 474,323	29 847,415	6,671	6,208
82	60	45 555	4 035,396	25 373,092	6,288	5,824
83	61	41 922	3 605,374	21 337,697	5,918	5,455
84	62	38 152	3 185,600	17 732,323	5,566	5,103
85	63	34 306	2 780,997	14 546,722	5,231	4,768
86	64	30 416	2 393,842	11 765,725	4,915	4,452
87	65	26 570	2 030,272	9 371,883	4,616	4,153
88	66	22 852	1 695,305	7 341,611	4,331	3,867
89	67	19 310	1 390,841	5 646,306	4,060	3,596
90	68	16 017	1 120,013	4 255,465	3,799	3,336
91	69	13 007	883,032	3 135,452	3,551	3,088
92	70	10 258	676,149	2 252,420	3,331	2,868
93	71	7 861	503,053	1 576,270	3,133	2,670
94	72	5 865	364,367	1 073,217	2,945	2,482
95	73	4 199	253,299	708,850	2,798	2,335
96	74	2 952	172,886	455,552	2,635	2,172
97	75	1 995	113,405	282,666	2,493	2,029
98	76	1 295	71,496	169,261	2,367	1,904
99	77	809	43,347	97,766	2,255	1,792
100	78	485	25,261	54,418	2,154	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	50 266,314	1 360 423,628	27,064	26,601
24	1	98 856	48 630,381	1 310 157,314	26,941	26,478
25	2	98 785	47 180,235	1 261 526,933	26,738	26,275
26	3	98 726	45 778,563	1 214 346,698	26,527	26,063
27	4	98 667	44 418,855	1 168 568,135	26,308	25,845
28	5	98 606	43 098,425	1 124 149,280	26,083	25,620
29	6	98 548	41 818,442	1 081 050,855	25,851	25,388
30	7	98 485	40 574,511	1 039 232,413	25,613	25,150
31	8	98 423	39 368,093	998 657,902	25,367	24,904
32	9	98 350	38 192,775	959 289,809	25,117	24,654
33	10	98 274	37 051,991	921 097,034	24,860	24,396
34	11	98 199	35 945,134	884 045,043	24,594	24,131
35	12	98 112	34 867,488	848 099,909	24,324	23,860
36	13	98 017	33 819,203	813 232,421	24,046	23,583
37	14	97 922	32 802,232	779 413,218	23,761	23,298
38	15	97 820	31 813,649	746 610,986	23,468	23,005
39	16	97 705	30 850,762	714 797,337	23,170	22,706
40	17	97 585	29 915,285	683 946,575	22,863	22,400
41	18	97 448	29 003,219	654 031,290	22,550	22,087
42	19	97 299	28 115,442	625 028,071	22,231	21,768
43	20	97 135	27 250,612	596 912,629	21,905	21,441
44	21	96 958	26 408,687	569 662,017	21,571	21,108
45	22	96 768	25 589,227	543 253,330	21,230	20,767
46	23	96 554	24 788,832	517 664,103	20,883	20,420
47	24	96 322	24 009,035	492 875,271	20,529	20,066
48	25	96 066	23 247,858	468 866,236	20,168	19,705
49	26	95 781	22 503,685	445 618,378	19,802	19,339
50	27	95 461	21 775,246	423 114,693	19,431	18,968
51	28	95 104	21 062,045	401 339,447	19,055	18,592
52	29	94 713	20 364,556	380 277,402	18,673	18,210
53	30	94 270	19 678,825	359 912,846	18,289	17,826
54	31	93 772	19 004,744	340 234,021	17,903	17,439
55	32	93 219	18 342,501	321 229,278	17,513	17,050
56	33	92 614	17 692,620	302 886,777	17,119	16,656
57	34	91 949	17 053,899	285 194,157	16,723	16,260
58	35	91 220	16 425,909	268 140,257	16,324	15,861
59	36	90 413	15 806,516	251 714,348	15,925	15,461
60	37	89 535	15 197,045	235 907,832	15,523	15,060
61	38	88 595	14 599,541	220 710,787	15,118	14,654
62	39	87 570	14 010,351	206 111,246	14,711	14,248
63	40	86 457	13 429,327	192 100,894	14,305	13,841
64	41	85 269	12 859,065	178 671,567	13,895	13,431
65	42	83 988	12 296,901	165 812,502	13,484	13,021
66	43	82 628	11 745,523	153 515,600	13,070	12,607
67	44	81 205	11 206,929	141 770,078	12,650	12,187
68	45	79 665	10 674,267	130 563,149	12,232	11,768
69	46	78 088	10 158,230	119 888,882	11,802	11,339
70	47	76 380	9 646,586	109 730,652	11,375	10,912
71	48	74 562	9 142,662	100 084,067	10,947	10,484
72	49	72 627	8 646,014	90 941,405	10,518	10,055
73	50	70 599	8 159,883	82 295,391	10,085	9,622
74	51	68 467	7 682,877	74 135,508	9,649	9,186
75	52	66 203	7 212,508	66 452,632	9,214	8,750
76	53	63 793	6 747,518	59 240,124	8,780	8,316
77	54	61 224	6 287,164	52 492,606	8,349	7,886
78	55	58 521	5 834,608	46 205,441	7,919	7,456
79	56	55 630	5 384,818	40 370,834	7,497	7,034
80	57	52 531	4 936,743	34 986,015	7,087	6,624
81	58	49 256	4 494,144	30 049,272	6,686	6,223
82	59	45 776	4 054,981	25 555,128	6,302	5,839
83	60	42 149	3 624,916	21 500,147	5,931	5,468
84	61	38 367	3 203,524	17 875,231	5,580	5,117
85	62	34 515	2 798,000	14 671,706	5,244	4,780
86	63	30 617	2 409,709	11 873,707	4,927	4,464
87	64	26 765	2 045,176	9 463,998	4,627	4,164
88	65	23 037	1 708,998	7 418,822	4,341	3,878
89	66	19 481	1 403,097	5 709,824	4,069	3,606
90	67	16 174	1 130,977	4 306,727	3,808	3,345
91	68	13 141	892,145	3 175,749	3,560	3,096
92	69	10 374	683,789	2 283,604	3,340	2,876
93	70	7 958	509,257	1 599,815	3,141	2,678
94	71	5 944	369,312	1 090,558	2,953	2,490
95	72	4 261	257,002	721,246	2,806	2,343
96	73	2 999	175,605	464,244	2,644	2,180
97	74	2 029	115,379	288,639	2,502	2,038
98	75	1 320	72,885	173,260	2,377	1,914
99	76	827	44,314	100,375	2,265	1,802
100	77	498	25,894	56,061	2,165	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	48 779,836	1 310 913,109	26,874	26,411
25	1	98 808	47 191,139	1 262 133,273	26,745	26,282
26	2	98 737	45 784,015	1 214 942,134	26,536	26,073
27	3	98 679	44 424,147	1 169 158,119	26,318	25,855
28	4	98 615	43 102,345	1 124 733,972	26,094	25,631
29	5	98 555	41 821,579	1 081 631,627	25,863	25,400
30	6	98 491	40 577,182	1 039 810,049	25,625	25,162
31	7	98 428	39 370,034	999 232,867	25,381	24,917
32	8	98 356	38 195,140	959 862,833	25,130	24,667
33	9	98 281	37 054,389	921 667,693	24,873	24,410
34	10	98 205	35 947,264	884 613,304	24,609	24,145
35	11	98 120	34 870,086	848 666,041	24,338	23,875
36	12	98 025	33 821,878	813 795,955	24,061	23,598
37	13	97 930	32 805,044	779 974,077	23,776	23,313
38	14	97 830	31 816,988	747 169,032	23,483	23,020
39	15	97 717	30 854,622	715 352,045	23,185	22,721
40	16	97 599	29 919,507	684 497,423	22,878	22,415
41	17	97 462	29 007,466	654 577,916	22,566	22,103
42	18	97 319	28 121,169	625 570,450	22,246	21,782
43	19	97 154	27 255,873	597 449,281	21,920	21,457
44	20	96 976	26 413,578	570 193,408	21,587	21,124
45	21	96 784	25 593,464	543 779,830	21,247	20,784
46	22	96 570	24 793,122	518 186,366	20,900	20,437
47	23	96 343	24 014,246	493 393,244	20,546	20,083
48	24	96 082	23 251,801	469 378,998	20,187	19,724
49	25	95 798	22 507,881	446 127,197	19,821	19,358
50	26	95 479	21 779,484	423 619,316	19,450	18,987
51	27	95 125	21 066,647	401 839,832	19,075	18,611
52	28	94 737	20 369,636	380 773,185	18,693	18,230
53	29	94 294	19 683,919	360 403,549	18,310	17,846
54	30	93 800	19 010,388	340 719,631	17,923	17,460
55	31	93 249	18 348,357	321 709,242	17,533	17,070
56	32	92 646	17 698,763	303 360,885	17,140	16,677
57	33	91 981	17 059,973	285 662,122	16,745	16,281
58	34	91 255	16 432,336	268 602,149	16,346	15,883
59	35	90 450	15 812,880	252 169,812	15,947	15,484
60	36	89 577	15 204,174	236 356,932	15,546	15,082
61	37	88 636	14 606,263	221 152,758	15,141	14,678
62	38	87 622	14 018,562	206 546,495	14,734	14,271
63	39	86 508	13 437,332	192 527,934	14,328	13,865
64	40	85 327	12 867,799	179 090,602	13,918	13,455
65	41	84 052	12 306,289	166 222,803	13,507	13,044
66	42	82 697	11 755,277	153 916,514	13,093	12,630
67	43	81 278	11 217,023	142 161,236	12,674	12,210
68	44	79 747	10 685,166	130 944,213	12,255	11,792
69	45	78 175	10 169,538	120 259,047	11,825	11,362
70	46	76 477	9 658,850	110 089,509	11,398	10,935
71	47	74 669	9 155,787	100 430,659	10,969	10,506
72	48	72 743	8 659,866	91 274,872	10,540	10,077
73	49	70 728	8 174,691	82 615,006	10,106	9,643
74	50	68 602	7 698,047	74 440,315	9,670	9,207
75	51	66 350	7 228,474	66 742,268	9,233	8,770
76	52	63 950	6 764,126	59 513,795	8,798	8,335
77	53	61 392	6 304,395	52 749,669	8,367	7,904
78	54	58 698	5 852,221	46 445,273	7,936	7,473
79	55	55 815	5 402,720	40 593,053	7,513	7,050
80	56	52 722	4 954,673	35 190,333	7,102	6,639
81	57	49 454	4 512,158	30 235,660	6,701	6,238
82	58	45 979	4 072,945	25 723,501	6,316	5,852
83	59	42 354	3 642,509	21 650,556	5,944	5,481
84	60	38 575	3 220,888	18 008,047	5,591	5,128
85	61	34 710	2 813,743	14 787,158	5,255	4,792
86	62	30 804	2 424,441	11 973,416	4,939	4,475
87	63	26 943	2 058,731	9 548,974	4,638	4,175
88	64	23 206	1 721,543	7 490,243	4,351	3,888
89	65	19 638	1 414,430	5 768,700	4,078	3,615
90	66	16 316	1 140,944	4 354,270	3,816	3,353
91	67	13 269	900,879	3 213,326	3,567	3,104
92	68	10 481	690,846	2 312,447	3,347	2,884
93	69	8 048	515,011	1 621,601	3,149	2,685
94	70	6 018	373,867	1 106,590	2,960	2,497
95	71	4 318	260,490	732,723	2,813	2,350
96	72	3 042	178,172	472,233	2,650	2,187
97	73	2 061	117,193	294,061	2,509	2,046
98	74	1 343	74,154	176,868	2,385	1,922
99	75	843	45,176	102,714	2,274	1,810
100	76	509	26,472	57,538	2,174	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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25	0	99 111	47 336,170	1 262 833,314	26,678	26,215
26	1	98 760	45 794,596	1 215 497,144	26,542	26,079
27	2	98 691	44 429,438	1 169 702,548	26,327	25,864
28	3	98 627	43 107,480	1 125 273,110	26,104	25,641
29	4	98 564	41 825,382	1 082 165,630	25,873	25,410
30	5	98 499	40 580,225	1 040 340,248	25,637	25,173
31	6	98 435	39 372,626	999 760,023	25,392	24,929
32	7	98 360	38 197,023	960 387,398	25,143	24,680
33	8	98 287	37 056,683	922 190,374	24,886	24,423
34	9	98 211	35 949,590	885 133,691	24,622	24,158
35	10	98 125	34 872,152	849 184,101	24,351	23,888
36	11	98 033	33 824,398	814 311,950	24,075	23,611
37	12	97 938	32 807,640	780 487,552	23,790	23,327
38	13	97 839	31 819,715	747 679,912	23,497	23,034
39	14	97 728	30 857,860	715 860,197	23,199	22,735
40	15	97 611	29 923,250	685 002,337	22,892	22,429
41	16	97 476	29 011,560	655 079,087	22,580	22,117
42	17	97 333	28 125,287	626 067,527	22,260	21,797
43	18	97 174	27 261,425	597 942,240	21,934	21,470
44	19	96 995	26 418,677	570 680,815	21,601	21,138
45	20	96 802	25 598,204	544 262,138	21,262	20,799
46	21	96 586	24 797,227	518 663,934	20,916	20,453
47	22	96 359	24 018,402	493 866,707	20,562	20,099
48	23	96 103	23 256,848	469 848,304	20,203	19,739
49	24	95 815	22 511,699	446 591,457	19,838	19,375
50	25	95 497	21 783,545	424 079,758	19,468	19,005
51	26	95 143	21 070,747	402 296,213	19,093	18,629
52	27	94 758	20 374,086	381 225,466	18,711	18,248
53	28	94 318	19 688,829	360 851,380	18,328	17,864
54	29	93 824	19 015,309	341 162,551	17,941	17,478
55	30	93 277	18 353,807	322 147,242	17,552	17,089
56	31	92 676	17 704,414	303 793,434	17,159	16,696
57	32	92 013	17 065,896	286 089,020	16,764	16,301
58	33	91 288	16 438,189	269 023,124	16,366	15,903
59	34	90 485	15 819,067	252 584,935	15,967	15,504
60	35	89 613	15 210,295	236 765,868	15,566	15,103
61	36	88 678	14 613,115	221 555,573	15,161	14,698
62	37	87 662	14 025,016	206 942,458	14,755	14,292
63	38	86 559	13 445,206	192 917,442	14,348	13,885
64	39	85 378	12 875,469	179 472,236	13,939	13,476
65	40	84 109	12 314,647	166 596,767	13,528	13,065
66	41	82 760	11 764,252	154 282,120	13,114	12,651
67	42	81 345	11 226,339	142 517,868	12,695	12,232
68	43	79 819	10 694,791	131 291,529	12,276	11,813
69	44	78 255	10 179,922	120 596,738	11,847	11,383
70	45	76 562	9 669,602	110 416,816	11,419	10,956
71	46	74 764	9 167,427	100 747,214	10,990	10,526
72	47	72 847	8 672,298	91 579,787	10,560	10,097
73	48	70 841	8 187,788	82 907,489	10,126	9,663
74	49	68 726	7 712,017	74 719,701	9,689	9,226
75	50	66 481	7 242,747	67 007,684	9,252	8,788
76	51	64 092	6 779,099	59 764,937	8,816	8,353
77	52	61 543	6 319,912	52 985,838	8,384	7,921
78	53	58 859	5 868,260	46 665,925	7,952	7,489
79	54	55 984	5 419,029	40 797,666	7,529	7,065
80	55	52 897	4 971,145	35 378,637	7,117	6,654
81	56	49 633	4 528,546	30 407,492	6,715	6,251
82	57	46 163	4 089,271	25 878,946	6,328	5,865
83	58	42 541	3 658,646	21 789,675	5,956	5,492
84	59	38 762	3 236,521	18 131,029	5,602	5,139
85	60	34 898	2 828,994	14 894,508	5,265	4,802
86	61	30 978	2 438,083	12 065,514	4,949	4,486
87	62	27 107	2 071,318	9 627,432	4,648	4,185
88	63	23 359	1 732,954	7 556,113	4,360	3,897
89	64	19 782	1 424,813	5 823,160	4,087	3,624
90	65	16 448	1 150,159	4 398,347	3,824	3,361
91	66	13 386	908,818	3 248,187	3,574	3,111
92	67	10 584	697,609	2 339,370	3,353	2,890
93	68	8 131	520,326	1 641,761	3,155	2,692
94	69	6 085	378,091	1 121,435	2,966	2,503
95	70	4 372	263,703	743,344	2,819	2,356
96	71	3 084	180,590	479,641	2,656	2,193
97	72	2 091	118,907	299,051	2,515	2,052
98	73	1 364	75,320	180,144	2,392	1,928
99	74	858	45,962	104,824	2,281	1,817
100	75	519	26,986	58,862	2,181	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 828 929,389	28,289	27,826
1	1	99 340	96 213,115	2 728 929,389	28,363	27,900
2	2	99 290	93 137,706	2 632 716,274	28,267	27,803
3	3	99 263	90 181,202	2 539 578,568	28,161	27,697
4	4	99 238	87 320,919	2 449 397,366	28,051	27,587
5	5	99 218	84 554,820	2 362 076,448	27,935	27,472
6	6	99 201	81 879,430	2 277 521,627	27,816	27,352
7	7	99 184	79 288,668	2 195 642,197	27,692	27,228
8	8	99 171	76 782,648	2 116 353,530	27,563	27,099
9	9	99 157	74 355,099	2 039 570,882	27,430	26,967
10	10	99 142	72 004,173	1 965 215,784	27,293	26,829
11	11	99 129	69 728,202	1 893 211,611	27,151	26,688
12	12	99 112	67 522,307	1 823 483,408	27,006	26,542
13	13	99 097	65 386,610	1 755 961,101	26,855	26,391
14	14	99 079	63 316,952	1 690 574,491	26,700	26,237
15	15	99 056	61 310,083	1 627 257,539	26,541	26,078
16	16	99 029	59 363,874	1 565 947,456	26,379	25,915
17	17	98 990	57 472,358	1 506 583,583	26,214	25,750
18	18	98 946	55 638,832	1 449 111,225	26,045	25,581
19	19	98 888	53 855,861	1 393 472,393	25,874	25,410
20	20	98 828	52 128,796	1 339 616,532	25,698	25,235
21	21	98 765	50 455,837	1 287 487,736	25,517	25,053
22	22	98 704	48 837,698	1 237 031,900	25,329	24,866
23	23	98 643	47 270,919	1 188 194,202	25,136	24,672
24	24	98 576	45 752,019	1 140 923,283	24,937	24,473
25	25	98 512	44 282,952	1 095 171,264	24,731	24,268
26	26	98 446	42 860,429	1 050 888,312	24,519	24,055
27	27	98 380	41 483,569	1 008 027,884	24,299	23,836
28	28	98 307	40 147,818	966 544,315	24,075	23,611
29	29	98 232	38 854,364	926 396,497	23,843	23,379
30	30	98 150	37 600,065	887 542,134	23,605	23,141
31	31	98 064	36 384,740	849 942,069	23,360	22,896
32	32	97 966	35 203,961	813 557,329	23,110	22,646
33	33	97 863	34 060,136	778 353,368	22,852	22,389
34	34	97 759	32 952,865	744 293,232	22,587	22,123
35	35	97 642	31 877,434	711 340,368	22,315	21,851
36	36	97 516	30 834,204	679 462,934	22,036	21,572
37	37	97 384	29 823,150	648 628,730	21,749	21,286
38	38	97 248	28 844,062	618 805,580	21,453	20,990
39	39	97 089	27 890,474	589 961,518	21,153	20,689
40	40	96 925	26 967,011	562 071,044	20,843	20,379
41	41	96 737	26 067,644	535 104,033	20,528	20,064
42	42	96 536	25 194,438	509 036,389	20,204	19,741
43	43	96 312	24 344,815	483 841,952	19,875	19,411
44	44	96 067	23 518,716	459 497,136	19,538	19,074
45	45	95 797	22 714,324	435 978,420	19,194	18,730
46	46	95 495	21 929,960	413 264,096	18,845	18,381
47	47	95 165	21 166,357	391 334,136	18,488	18,025
48	48	94 793	20 419,831	370 167,779	18,128	17,664
49	49	94 378	19 690,454	349 747,948	17,762	17,299
50	50	93 910	18 976,208	330 057,494	17,393	16,930
51	51	93 395	18 278,151	311 081,286	17,019	16,556
52	52	92 829	17 595,508	292 803,135	16,641	16,177
53	53	92 192	16 924,582	275 207,627	16,261	15,797
54	54	91 481	16 265,535	258 283,044	15,879	15,416
55	55	90 697	15 618,584	242 017,509	15,495	15,032
56	56	89 841	14 984,139	226 398,926	15,109	14,646
57	57	88 905	14 361,197	211 414,787	14,721	14,258
58	58	87 882	13 749,159	197 053,590	14,332	13,868
59	59	86 756	13 145,743	183 304,431	13,944	13,480
60	60	85 538	12 553,252	170 158,688	13,555	13,091
61	61	84 223	11 971,147	157 605,436	13,165	12,702
62	62	82 831	11 402,772	145 634,289	12,772	12,308
63	63	81 330	10 843,625	134 231,518	12,379	11,915
64	64	79 738	10 296,808	123 387,893	11,983	11,519
65	65	78 027	9 758,680	113 091,084	11,589	11,125
66	66	76 212	9 231,702	103 332,404	11,193	10,730
67	67	74 312	8 718,139	94 100,702	10,794	10,330
68	68	72 270	8 211,734	85 382,563	10,398	9,934
69	69	70 194	7 724,781	77 170,829	9,990	9,526
70	70	67 978	7 245,383	69 446,048	9,585	9,121
71	71	65 645	6 776,522	62 200,665	9,179	8,715
72	72	63 186	6 317,393	55 424,143	8,773	8,310
73	73	60 647	5 872,690	49 106,750	8,362	7,898
74	74	58 019	5 441,319	43 234,060	7,946	7,482
75	75	55 263	5 019,723	37 792,741	7,529	7,065
76	76	52 364	4 606,715	32 773,019	7,114	6,651
77	77	49 293	4 200,046	28 166,304	6,706	6,243
78	78	46 104	3 804,659	23 966,258	6,299	5,836
79	79	42 737	3 415,743	20 161,599	5,903	5,439
80	80	39 169	3 032,056	16 745,856	5,523	5,059
81	81	35 458	2 658,392	13 713,800	5,159	4,695
82	82	31 640	2 297,509	11 055,408	4,812	4,348
83	83	27 801	1 955,166	8 757,899	4,479	4,016
84	84	23 966	1 632,381	6 802,733	4,167	3,704
85	85	20 224	1 334,148	5 170,352	3,875	3,412
86	86	16 656	1 064,174	3 836,204	3,605	3,141
87	87	13 353	826,337	2 772,030	3,355	2,891
88	88	10 406	623,677	1 945,692	3,120	2,656
89	89	7 852	455,802	1 322,015	2,900	2,437
90	90	5 716	321,337	866,214	2,696	2,232
91	91	3 996	217,566	544,877	2,504	2,041
92	92	2 654	139,944	327,311	2,339	1,875
93	93	1 672	85,426	187,367	2,193	1,730
94	94	1 000	49,475	101,941	2,060	1,597
95	95	556	26,625	52,466	1,971	1,507
96	96	298	13,828	25,841	1,869	1,405
97	97	150	6,725	12,013	1,786	1,323
98	98	72	3,117	5,288	1,696	1,233
99	99	32	1,340	2,171	1,620	1,156
100	100	13	0,535	0,831	1,554	1,090

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 824 612,428	28,333	27,869	50	51	93 725	18 938,812	326 678,865	17,249	16,786
1	2	99 317	96 190,884	2 724 918,814	28,328	27,865	51	52	93 189	18 237,778	307 740,053	16,874	16,410
2	3	99 278	93 126,616	2 628 727,929	28,227	27,764	52	53	92 601	17 552,306	289 502,275	16,494	16,030
3	4	99 251	90 170,458	2 535 601,314	28,120	27,656	53	54	91 940	16 878,325	271 949,969	16,112	15,649
4	5	99 229	87 312,978	2 445 430,856	28,008	27,544	54	55	91 206	16 216,581	255 071,644	15,729	15,265
5	6	99 210	84 548,479	2 358 117,878	27,891	27,427	55	56	90 397	15 566,833	238 855,062	15,344	14,880
6	7	99 194	81 874,040	2 273 569,399	27,769	27,305	56	57	89 516	14 929,913	223 288,229	14,956	14,492
7	8	99 179	79 284,759	2 191 695,358	27,643	27,180	57	58	88 550	14 303,863	208 358,316	14,567	14,103
8	9	99 165	76 777,894	2 112 410,599	27,513	27,050	58	59	87 494	13 688,517	194 054,453	14,176	13,713
9	10	99 150	74 350,287	2 035 632,706	27,379	26,915	59	60	86 337	13 082,249	180 365,935	13,787	13,323
10	11	99 136	71 999,906	1 961 282,418	27,240	26,776	60	61	85 077	12 485,577	167 283,686	13,398	12,935
11	12	99 121	69 723,009	1 889 282,512	27,097	26,633	61	62	83 752	11 904,167	154 798,109	13,004	12,540
12	13	99 105	67 516,965	1 819 559,503	26,950	26,486	62	63	82 328	11 333,481	142 893,942	12,608	12,144
13	14	99 088	65 381,005	1 752 042,538	26,797	26,334	63	64	80 794	10 772,226	131 560,461	12,213	11,749
14	15	99 068	63 310,307	1 686 661,533	26,641	26,178	64	65	79 157	10 221,772	120 788,235	11,817	11,353
15	16	99 044	61 302,413	1 623 351,225	26,481	26,017	65	66	77 402	9 680,492	110 566,463	11,422	10,958
16	17	99 015	59 355,497	1 562 048,812	26,317	25,853	66	67	75 547	9 151,059	100 885,971	11,025	10,561
17	18	98 975	57 463,943	1 502 693,315	26,150	25,687	67	68	73 591	8 633,622	91 734,912	10,625	10,162
18	19	98 926	55 627,501	1 445 229,372	25,980	25,517	68	69	71 532	8 127,853	83 101,290	10,224	9,761
19	20	98 869	53 845,466	1 389 601,871	25,807	25,344	69	70	69 410	7 638,478	74 973,437	9,815	9,352
20	21	98 809	52 119,143	1 335 756,405	25,629	25,165	70	71	67 149	7 157,109	67 334,959	9,408	8,944
21	22	98 749	50 447,483	1 283 637,262	25,445	24,981	71	72	64 766	6 685,782	60 177,850	9,001	8,537
22	23	98 687	48 829,247	1 233 189,779	25,255	24,792	72	73	62 276	6 226,364	53 492,068	8,591	8,128
23	24	98 621	47 260,662	1 184 360,532	25,060	24,597	73	74	59 708	5 781,764	47 265,705	8,175	7,711
24	25	98 559	45 744,260	1 137 099,870	24,858	24,394	74	75	57 026	5 348,226	41 483,940	7,757	7,293
25	26	98 493	44 274,695	1 091 355,610	24,650	24,186	75	76	54 209	4 924,009	36 135,714	7,339	6,875
26	27	98 427	42 852,089	1 047 080,915	24,435	23,971	76	77	51 221	4 506,169	31 211,705	6,926	6,463
27	28	98 359	41 474,508	1 004 228,826	24,213	23,750	77	78	48 088	4 097,347	26 705,536	6,518	6,054
28	29	98 282	40 137,805	962 754,318	23,986	23,523	78	79	44 809	3 697,747	22 608,190	6,114	5,650
29	30	98 206	38 844,309	922 616,513	23,752	23,288	79	80	41 330	3 303,285	18 910,443	5,725	5,261
30	31	98 121	37 588,900	883 772,205	23,512	23,048	80	81	37 665	2 915,601	15 607,157	5,353	4,889
31	32	98 033	36 373,127	846 183,305	23,264	22,800	81	82	33 896	2 541,256	12 691,556	4,994	4,531
32	33	97 932	35 191,743	809 810,178	23,011	22,548	82	83	30 048	2 181,849	10 150,300	4,652	4,189
33	34	97 828	34 048,009	774 618,435	22,751	22,287	83	84	26 186	1 841,606	7 968,451	4,327	3,863
34	35	97 720	32 939,976	740 570,426	22,482	22,019	84	85	22 355	1 522,651	6 126,845	4,024	3,560
35	36	97 602	31 864,604	707 630,450	22,207	21,744	85	86	18 662	1 231,123	4 604,194	3,740	3,276
36	37	97 470	30 819,748	675 765,846	21,926	21,463	86	87	15 175	969,561	3 373,070	3,479	3,015
37	38	97 339	29 809,424	644 946,098	21,636	21,172	87	88	12 002	742,720	2 403,510	3,236	2,772
38	39	97 191	28 827,169	615 136,674	21,339	20,875	88	89	9 211	552,063	1 660,789	3,008	2,545
39	40	97 031	27 873,860	586 309,505	21,034	20,571	89	90	6 824	396,129	1 108,726	2,799	2,335
40	41	96 859	26 948,709	558 435,645	20,722	20,259	90	91	4 870	273,799	712,597	2,603	2,139
41	42	96 664	26 047,758	531 486,937	20,404	19,941	91	92	3 327	181,160	438,798	2,422	1,959
42	43	96 455	25 173,531	505 439,179	20,078	19,615	92	93	2 156	113,696	257,638	2,266	1,802
43	44	96 225	24 322,907	480 265,648	19,745	19,282	93	94	1 323	67,555	143,942	2,131	1,667
44	45	95 969	23 494,726	455 942,741	19,406	18,943	94	95	765	37,840	76,387	2,019	1,555
45	46	95 691	22 689,067	432 448,015	19,060	18,596	95	96	417	19,995	38,547	1,928	1,464
46	47	95 374	21 902,115	409 758,949	18,709	18,245	96	97	218	10,102	18,553	1,837	1,373
47	48	95 029	21 136,014	387 856,834	18,351	17,887	97	98	108	4,862	8,451	1,738	1,275
48	49	94 641	20 387,168	366 720,819	17,988	17,524	98	99	50	2,167	3,589	1,656	1,192
49	50	94 207	19 654,786	346 333,651	17,621	17,157	99	100	21	0,897	1,422	1,585	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 820 284,197	28,296	27,832	50	52	93 518	18 896,981	323 042,623	17,095	16,631
1	3	99 305	96 179,430	2 720 613,618	28,287	27,823	51	53	92 960	18 192,999	304 145,643	16,718	16,254
2	4	99 266	93 115,521	2 624 434,188	28,185	27,721	52	54	92 348	17 504,333	285 952,644	16,336	15,872
3	5	99 242	90 162,258	2 531 318,667	28,075	27,612	53	55	91 663	16 827,528	268 448,311	15,953	15,489
4	6	99 222	87 306,431	2 441 156,408	27,961	27,497	54	56	90 904	16 162,850	251 620,783	15,568	15,104
5	7	99 204	84 542,913	2 353 849,978	27,842	27,378	55	57	90 070	15 510,499	235 457,934	15,181	14,717
6	8	99 189	81 870,004	2 269 307,064	27,718	27,255	56	58	89 159	14 870,309	219 947,435	14,791	14,327
7	9	99 173	79 279,851	2 187 437,060	27,591	27,128	57	59	88 159	14 240,775	205 077,126	14,401	13,937
8	10	99 158	76 772,926	2 108 157,210	27,460	26,996	58	60	87 072	13 622,402	190 836,351	14,009	13,545
9	11	99 144	74 345,882	2 031 384,284	27,323	26,860	59	61	85 871	13 011,722	177 213,949	13,620	13,156
10	12	99 129	71 994,543	1 957 038,402	27,183	26,720	60	62	84 601	12 415,719	164 202,227	13,225	12,762
11	13	99 113	69 717,493	1 885 043,859	27,038	26,575	61	63	83 243	11 831,830	151 786,508	12,829	12,365
12	14	99 096	67 511,178	1 815 326,366	26,889	26,426	62	64	81 786	11 258,857	139 954,678	12,431	11,967
13	15	99 078	65 374,144	1 747 815,188	26,736	26,272	63	65	80 205	10 693,725	128 695,822	12,035	11,571
14	16	99 056	63 302,387	1 682 441,044	26,578	26,114	64	66	78 523	10 139,873	118 002,096	11,637	11,174
15	17	99 030	61 293,763	1 619 138,657	26,416	25,952	65	67	76 726	9 595,929	107 862,223	11,240	10,777
16	18	99 001	59 346,806	1 557 844,894	26,250	25,786	66	68	74 814	9 062,345	98 266,294	10,843	10,380
17	19	98 955	57 452,241	1 498 498,087	26,083	25,619	67	69	72 840	8 545,431	89 203,949	10,439	9,975
18	20	98 907	55 616,764	1 441 045,846	25,910	25,447	68	70	70 733	8 037,047	80 658,518	10,036	9,572
19	21	98 851	53 835,495	1 385 429,083	25,734	25,271	69	71	68 564	7 545,414	72 621,471	9,625	9,161
20	22	98 793	52 110,515	1 331 593,588	25,553	25,090	70	72	66 250	7 061,273	65 076,056	9,216	8,752
21	23	98 731	50 438,753	1 279 483,073	25,367	24,903	71	73	63 833	6 589,444	58 014,784	8,804	8,341
22	24	98 666	48 818,651	1 229 044,319	25,176	24,712	72	74	61 312	6 129,963	51 425,339	8,389	7,926
23	25	98 605	47 252,648	1 180 225,668	24,977	24,513	73	75	58 687	5 682,847	45 295,377	7,971	7,507
24	26	98 541	45 735,731	1 132 973,020	24,772	24,309	74	76	55 939	5 246,249	39 612,529	7,551	7,087
25	27	98 474	44 266,080	1 087 237,289	24,561	24,098	75	77	53 026	4 816,537	34 366,280	7,135	6,671
26	28	98 405	42 842,729	1 042 971,209	24,344	23,881	76	78	49 969	4 395,984	29 549,743	6,722	6,258
27	29	98 334	41 464,164	1 000 128,480	24,120	23,657	77	79	46 737	3 982,210	25 153,759	6,317	5,853
28	30	98 257	40 127,418	958 664,316	23,891	23,427	78	80	43 333	3 576,005	21 171,549	5,920	5,457
29	31	98 177	38 832,775	918 536,898	23,654	23,190	79	81	39 742	3 176,413	17 595,544	5,539	5,076
30	32	98 090	37 576,902	879 704,123	23,411	22,947	80	82	36 005	2 787,132	14 419,131	5,173	4,710
31	33	97 999	36 360,503	842 127,222	23,160	22,697	81	83	32 189	2 413,326	11 631,999	4,820	4,356
32	34	97 897	35 179,213	805 766,718	22,905	22,441	82	84	28 302	2 055,123	9 218,673	4,486	4,022
33	35	97 790	34 034,692	770 587,505	22,641	22,178	83	85	24 426	1 717,812	7 163,550	4,170	3,707
34	36	97 681	32 926,718	736 552,813	22,369	21,906	84	86	20 628	1 405,070	5 445,739	3,876	3,412
35	37	97 557	31 849,664	703 626,094	22,092	21,628	85	87	17 003	1 121,667	4 040,668	3,602	3,139
36	38	97 425	30 805,564	671 776,430	21,807	21,343	86	88	13 639	871,451	2 919,002	3,350	2,886
37	39	97 282	29 791,966	640 970,866	21,515	21,051	87	89	10 624	657,437	2 047,551	3,114	2,651
38	40	97 133	28 809,996	611 178,900	21,214	20,751	88	90	8 005	479,788	1 390,113	2,897	2,434
39	41	96 965	27 854,942	582 368,904	20,907	20,444	89	91	5 815	337,527	910,325	2,697	2,233
40	42	96 785	26 928,150	554 513,962	20,592	20,129	90	92	4 055	227,983	572,798	2,512	2,049
41	43	96 583	26 026,143	527 585,811	20,271	19,808	91	93	2 703	147,182	344,815	2,343	1,879
42	44	96 369	25 150,877	501 559,668	19,942	19,478	92	94	1 705	89,911	197,634	2,198	1,734
43	45	96 127	24 298,096	476 408,792	19,607	19,143	93	95	1 012	51,668	107,722	2,085	1,621
44	46	95 863	23 468,601	452 110,696	19,264	18,801	94	96	574	28,416	56,054	1,973	1,509
45	47	95 569	22 660,258	428 642,095	18,916	18,452	95	97	305	14,606	27,638	1,892	1,429
46	48	95 237	21 870,718	405 981,837	18,563	18,099	96	98	157	7,303	13,032	1,784	1,321
47	49	94 877	21 102,206	384 111,120	18,202	17,739	97	99	75	3,380	5,729	1,695	1,231
48	50	94 470	20 350,238	363 008,914	17,838	17,374	98	100	33	1,451	2,349	1,619	1,155
49	51	94 021	19 616,053	342 658,676	17,468	17,005							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 815 646,116	28,253	27,789
1	4	99 293	96 167,972	2 715 987,405	28,242	27,778
2	5	99 257	93 107,054	2 619 819,434	28,138	27,674
3	6	99 234	90 155,497	2 526 712,380	28,026	27,563
4	7	99 215	87 300,683	2 436 556,883	27,910	27,446
5	8	99 199	84 538,746	2 349 256,200	27,789	27,325
6	9	99 183	81 864,935	2 264 717,454	27,664	27,200
7	10	99 167	79 274,721	2 182 852,519	27,535	27,072
8	11	99 152	76 768,377	2 103 577,798	27,402	26,938
9	12	99 137	74 340,344	2 026 809,421	27,264	26,800
10	13	99 121	71 988,848	1 952 469,077	27,122	26,658
11	14	99 105	69 711,516	1 880 480,230	26,975	26,512
12	15	99 086	67 504,093	1 810 768,713	26,825	26,361
13	16	99 066	65 365,966	1 743 264,620	26,669	26,206
14	17	99 042	63 293,455	1 677 898,654	26,510	26,046
15	18	99 016	61 284,789	1 614 605,199	26,346	25,882
16	19	98 981	59 334,721	1 553 320,410	26,179	25,715
17	20	98 936	57 441,151	1 493 985,689	26,009	25,545
18	21	98 889	55 606,465	1 436 544,538	25,834	25,371
19	22	98 834	53 826,582	1 380 938,073	25,655	25,192
20	23	98 776	52 101,497	1 327 111,491	25,472	25,008
21	24	98 710	50 427,809	1 275 009,993	25,284	24,820
22	25	98 649	48 810,373	1 224 582,184	25,089	24,625
23	26	98 586	47 243,837	1 175 771,811	24,887	24,424
24	27	98 522	45 726,832	1 128 527,974	24,680	24,216
25	28	98 453	44 256,411	1 082 801,142	24,467	24,003
26	29	98 381	42 832,044	1 038 544,731	24,247	23,783
27	30	98 309	41 453,434	995 712,687	24,020	23,556
28	31	98 228	40 115,503	954 259,253	23,788	23,324
29	32	98 146	38 820,379	914 143,750	23,548	23,084
30	33	98 056	37 563,861	875 323,370	23,302	22,839
31	34	97 964	36 347,557	837 759,510	23,049	22,585
32	35	97 858	35 165,454	801 411,952	22,790	22,326
33	36	97 750	34 020,994	766 246,498	22,523	22,059
34	37	97 635	32 911,281	732 225,504	22,248	21,785
35	38	97 512	31 835,006	699 314,224	21,967	21,503
36	39	97 368	30 787,522	667 479,217	21,680	21,217
37	40	97 224	29 774,219	636 691,695	21,384	20,920
38	41	97 067	28 790,443	606 917,476	21,081	20,617
39	42	96 891	27 833,693	578 127,033	20,771	20,307
40	43	96 705	26 905,805	550 293,340	20,453	19,989
41	44	96 496	26 002,721	523 387,535	20,128	19,665
42	45	96 270	25 125,222	497 384,814	19,796	19,333
43	46	96 020	24 271,078	472 259,592	19,458	18,994
44	47	95 741	23 438,802	447 988,515	19,113	18,649
45	48	95 432	22 627,773	424 549,713	18,762	18,299
46	49	95 085	21 835,734	401 921,939	18,407	17,943
47	50	94 705	21 063,980	380 086,206	18,044	17,581
48	51	94 283	20 310,134	359 022,226	17,677	17,213
49	52	93 813	19 572,725	338 712,091	17,305	16,842
50	53	93 288	18 850,583	319 139,366	16,930	16,466
51	54	92 706	18 143,275	300 288,783	16,551	16,087
52	55	92 070	17 451,651	282 145,508	16,167	15,704
53	56	91 359	16 771,771	264 693,857	15,782	15,318
54	57	90 575	16 104,358	247 922,085	15,395	14,931
55	58	89 710	15 448,576	231 817,727	15,006	14,542
56	59	88 765	14 804,723	216 369,151	14,615	14,151
57	60	87 733	14 171,992	201 564,428	14,223	13,759
58	61	86 602	13 548,963	187 392,436	13,831	13,367
59	62	85 391	12 938,920	173 843,473	13,436	12,972
60	63	84 087	12 340,273	160 904,553	13,039	12,575
61	64	82 694	11 753,924	148 564,280	12,640	12,176
62	65	81 190	11 176,809	136 810,356	12,241	11,777
63	66	79 563	10 608,045	125 633,546	11,843	11,380
64	67	77 837	10 051,297	115 025,501	11,444	10,980
65	68	75 982	9 502,902	104 974,203	11,047	10,583
66	69	74 050	8 969,775	95 471,302	10,644	10,180
67	70	72 026	8 449,960	86 501,526	10,237	9,773
68	71	69 871	7 939,127	78 051,566	9,831	9,368
69	72	67 646	7 444,379	70 112,439	9,418	8,955
70	73	65 296	6 959,525	62 668,060	9,005	8,541
71	74	62 844	6 487,422	55 708,536	8,587	8,124
72	75	60 263	6 025,089	49 221,114	8,169	7,706
73	76	57 568	5 574,490	43 196,026	7,749	7,285
74	77	54 718	5 131,744	37 621,536	7,331	6,868
75	78	51 729	4 698,764	32 489,792	6,915	6,451
76	79	48 565	4 272,456	27 791,029	6,505	6,041
77	80	45 198	3 851,103	23 518,572	6,107	5,643
78	81	41 669	3 438,658	19 667,470	5,720	5,256
79	82	37 991	3 036,452	16 228,812	5,345	4,881
80	83	34 192	2 646,823	13 192,360	4,984	4,521
81	84	30 320	2 273,155	10 545,536	4,639	4,176
82	85	26 400	1 916,976	8 272,381	4,315	3,852
83	86	22 540	1 585,160	6 355,405	4,009	3,546
84	87	18 794	1 280,149	4 770,245	3,726	3,263
85	88	15 282	1 008,165	3 490,097	3,462	2,998
86	89	12 073	771,387	2 481,932	3,217	2,754
87	90	9 233	571,367	1 710,545	2,994	2,530
88	91	6 821	408,810	1 139,178	2,787	2,323
89	92	4 842	281,047	730,368	2,599	2,135
90	93	3 295	185,223	449,322	2,426	1,962
91	94	2 138	116,392	264,099	2,269	1,805
92	95	1 304	68,767	147,707	2,148	1,684
93	96	760	38,801	78,940	2,035	1,571
94	97	420	20,759	40,140	1,934	1,470
95	98	220	10,560	19,381	1,835	1,372
96	99	109	5,077	8,822	1,737	1,274
97	100	50	2,263	3,744	1,654	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 810 672,002	28,206	27,743
1	5	99 284	96 159,227	2 711 025,164	28,193	27,729
2	6	99 250	93 100,071	2 614 865,937	28,087	27,623
3	7	99 228	90 149,562	2 521 765,866	27,973	27,510
4	8	99 210	87 296,380	2 431 616,304	27,855	27,391
5	9	99 193	84 533,512	2 344 319,924	27,732	27,269
6	10	99 177	81 859,638	2 259 786,412	27,606	27,142
7	11	99 161	79 270,023	2 177 926,774	27,475	27,011
8	12	99 145	76 762,659	2 098 656,751	27,340	26,876
9	13	99 129	74 334,463	2 021 894,092	27,200	26,736
10	14	99 113	71 982,677	1 947 559,629	27,056	26,592
11	15	99 095	69 704,201	1 875 576,953	26,908	26,444
12	16	99 073	67 495,649	1 805 872,751	26,755	26,292
13	17	99 052	65 356,743	1 738 377,103	26,598	26,135
14	18	99 028	63 284,188	1 673 020,360	26,437	25,973
15	19	98 995	61 272,309	1 609 736,173	26,272	25,808
16	20	98 961	59 323,268	1 548 463,864	26,102	25,639
17	21	98 918	57 430,515	1 489 140,596	25,929	25,466
18	22	98 872	55 597,259	1 431 710,081	25,751	25,288
19	23	98 817	53 817,268	1 376 112,822	25,570	25,106
20	24	98 755	52 090,192	1 322 295,554	25,385	24,921
21	25	98 693	50 419,258	1 270 205,362	25,193	24,729
22	26	98 631	48 801,272	1 219 786,104	24,995	24,531
23	27	98 567	47 234,645	1 170 984,832	24,791	24,327
24	28	98 500	45 716,844	1 123 750,187	24,581	24,117
25	29	98 428	44 245,374	1 078 033,343	24,365	23,901
26	30	98 355	42 820,960	1 033 787,970	24,142	23,678
27	31	98 280	41 441,125	990 967,010	23,913	23,449
28	32	98 196	40 102,698	949 525,884	23,677	23,214
29	33	98 112	38 806,907	909 423,186	23,435	22,971
30	34	98 021	37 550,486	870 616,279	23,185	22,722
31	35	97 926	36 333,341	833 065,793	22,928	22,465
32	36	97 819	35 151,301	796 732,452	22,666	22,202
33	37	97 705	34 005,043	761 581,151	22,396	21,932
34	38	97 590	32 896,134	727 576,108	22,117	21,654
35	39	97 455	31 816,362	694 679,974	21,834	21,370
36	40	97 310	30 769,182	662 863,612	21,543	21,079
37	41	97 158	29 754,011	632 094,430	21,244	20,780
38	42	96 993	28 768,480	602 340,419	20,938	20,474
39	43	96 811	27 810,596	573 571,939	20,624	20,161
40	44	96 618	26 881,592	545 761,343	20,302	19,839
41	45	96 398	25 976,197	518 879,751	19,975	19,512
42	46	96 163	25 097,284	492 903,554	19,640	19,176
43	47	95 898	24 240,260	467 806,270	19,299	18,835
44	48	95 604	23 405,202	443 566,010	18,952	18,488
45	49	95 279	22 591,578	420 160,809	18,598	18,134
46	50	94 912	21 796,179	397 569,230	18,240	17,777
47	51	94 518	21 022,470	375 773,051	17,875	17,411
48	52	94 075	20 265,274	354 750,581	17,505	17,042
49	53	93 583	19 524,669	334 485,307	17,131	16,668
50	54	93 033	18 799,061	314 960,639	16,754	16,290
51	55	92 427	18 088,670	296 161,577	16,373	15,909
52	56	91 765	17 393,827	278 072,907	15,987	15,523
53	57	91 029	16 711,076	260 679,080	15,599	15,136
54	58	90 213	16 040,065	243 968,004	15,210	14,746
55	59	89 315	15 380,440	227 927,939	14,819	14,356
56	60	88 337	14 733,216	212 547,499	14,426	13,963
57	61	87 260	14 095,591	197 814,283	14,034	13,570
58	62	86 118	13 473,155	183 718,693	13,636	13,172
59	63	84 872	12 860,295	170 245,537	13,238	12,774
60	64	83 533	12 259,020	157 385,242	12,838	12,375
61	65	82 092	11 668,269	145 126,222	12,438	11,974
62	66	80 539	11 087,259	133 457,954	12,037	11,573
63	67	78 868	10 515,380	122 370,694	11,637	11,174
64	68	77 082	9 953,856	111 855,315	11,237	10,774
65	69	75 206	9 405,832	101 901,459	10,834	10,370
66	70	73 223	8 869,563	92 495,627	10,428	9,965
67	71	71 148	8 347,010	83 626,064	10,019	9,555
68	72	68 935	7 832,819	75 279,054	9,611	9,147
69	73	66 671	7 337,110	67 446,234	9,192	8,729
70	74	64 285	6 851,772	60 109,124	8,773	8,309
71	75	61 769	6 376,432	53 257,352	8,352	7,889
72	76	59 114	5 910,205	46 880,920	7,932	7,469
73	77	56 311	5 452,820	40 970,715	7,514	7,050
74	78	53 380	5 006,263	35 517,895	7,095	6,631
75	79	50 276	4 566,727	30 511,632	6,681	6,218
76	80	46 966	4 131,793	25 944,905	6,279	5,816
77	81	43 462	3 703,190	21 813,112	5,890	5,427
78	82	39 833	3 287,142	18 109,922	5,509	5,046
79	83	36 079	2 883,592	14 822,780	5,140	4,677
80	84	32 206	2 493,091	11 939,188	4,789	4,325
81	85	28 282	2 120,352	9 446,097	4,455	3,991
82	86	24 361	1 768,944	7 325,746	4,141	3,678
83	87	20 536	1 444,227	5 556,801	3,848	3,384
84	88	16 892	1 150,610	4 112,574	3,574	3,111
85	89	13 527	892,403	2 961,964	3,319	2,855
86	90	10 492	670,398	2 069,561	3,087	2,623
87	91	7 867	486,841	1 399,163	2,874	2,410
88	92	5 680	340,402	912,323	2,680	2,217
89	93	3 934	228,334	571,921	2,505	2,041
90	94	2 605	146,475	343,587	2,346	1,882
91	95	1 635	89,019	197,112	2,214	1,751
92	96	979	51,641	108,093	2,093	1,630
93	97	555	28,345	56,451	1,992	1,528
94	98	303	15,007	28,107	1,873	1,409
95	99	153	7,342	13,100	1,784	1,321
96	100	73	3,399	5,758	1,694	1,230

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 805 347,523	28,155	27,692
1	6	99 277	96 152,016	2 705 709,747	28,140	27,676
2	7	99 243	93 093,943	2 609 557,731	28,031	27,568
3	8	99 223	90 145,118	2 516 463,789	27,916	27,452
4	9	99 204	87 290,975	2 426 318,670	27,796	27,332
5	10	99 186	84 528,042	2 339 027,695	27,672	27,208
6	11	99 171	81 854,788	2 254 499,653	27,543	27,079
7	12	99 153	79 264,119	2 172 644,865	27,410	26,947
8	13	99 137	76 756,586	2 093 380,746	27,273	26,809
9	14	99 121	74 328,091	2 016 624,161	27,131	26,668
10	15	99 102	71 975,123	1 942 296,070	26,986	26,522
11	16	99 082	69 695,481	1 870 320,947	26,836	26,372
12	17	99 059	67 486,125	1 800 625,466	26,681	26,218
13	18	99 037	65 347,173	1 733 139,341	26,522	26,058
14	19	99 007	63 271,300	1 667 792,168	26,359	25,896
15	20	98 976	61 260,482	1 604 520,867	26,192	25,728
16	21	98 943	59 312,283	1 543 260,386	26,019	25,556
17	22	98 901	57 421,007	1 483 948,103	25,843	25,380
18	23	98 855	55 587,638	1 426 527,096	25,663	25,199
19	24	98 796	53 805,590	1 370 939,458	25,479	25,016
20	25	98 738	52 081,359	1 317 133,867	25,290	24,826
21	26	98 675	50 409,857	1 265 052,508	25,095	24,632
22	27	98 612	48 791,777	1 214 642,652	24,894	24,431
23	28	98 546	47 224,327	1 165 850,875	24,688	24,224
24	29	98 476	45 705,442	1 118 626,548	24,475	24,011
25	30	98 403	44 233,924	1 072 921,105	24,256	23,792
26	31	98 326	42 808,245	1 028 687,181	24,030	23,566
27	32	98 248	41 427,897	985 878,936	23,797	23,334
28	33	98 162	40 088,781	944 451,039	23,559	23,095
29	34	98 077	38 793,090	904 362,258	23,312	22,849
30	35	97 982	37 535,800	865 569,168	23,060	22,596
31	36	97 886	36 318,718	828 033,369	22,799	22,335
32	37	97 773	35 134,820	791 714,651	22,534	22,070
33	38	97 660	33 989,393	756 579,831	22,259	21,796
34	39	97 533	32 876,868	722 590,438	21,979	21,515
35	40	97 397	31 797,409	689 713,569	21,691	21,227
36	41	97 244	30 748,299	657 916,161	21,397	20,933
37	42	97 084	29 731,313	627 167,862	21,095	20,631
38	43	96 912	28 744,608	597 436,548	20,784	20,321
39	44	96 723	27 785,568	568 691,941	20,467	20,004
40	45	96 519	26 854,171	540 906,373	20,142	19,679
41	46	96 291	25 947,313	514 052,201	19,811	19,348
42	47	96 041	25 065,417	488 104,888	19,473	19,010
43	48	95 761	24 205,511	463 039,472	19,130	18,666
44	49	95 451	23 367,763	438 833,961	18,779	18,316
45	50	95 107	22 550,655	415 466,198	18,424	17,960
46	51	94 725	21 753,226	392 915,543	18,062	17,599
47	52	94 310	20 976,036	371 162,317	17,695	17,231
48	53	93 844	20 215,516	350 186,281	17,323	16,859
49	54	93 327	19 471,305	329 970,764	16,947	16,483
50	55	92 753	18 742,483	310 499,459	16,567	16,103
51	56	92 121	18 028,735	291 756,976	16,183	15,719
52	57	91 433	17 330,881	273 728,241	15,794	15,331
53	58	90 665	16 644,361	256 397,360	15,404	14,941
54	59	89 815	15 969,319	239 752,999	15,013	14,550
55	60	88 883	15 306,152	223 783,679	14,621	14,157
56	61	87 860	14 653,789	208 477,528	14,227	13,763
57	62	86 772	14 016,724	193 823,739	13,828	13,364
58	63	85 594	13 391,284	179 807,015	13,427	12,964
59	64	84 313	12 775,618	166 415,731	13,026	12,562
60	65	82 925	12 169,684	153 640,113	12,625	12,161
61	66	81 434	11 574,781	141 470,429	12,222	11,759
62	67	79 836	10 990,407	129 895,648	11,819	11,355
63	68	78 103	10 413,439	118 905,241	11,418	10,955
64	69	76 295	9 852,180	108 491,802	11,012	10,548
65	70	74 366	9 300,748	98 639,622	10,606	10,142
66	71	72 331	8 761,501	89 338,874	10,197	9,733
67	72	70 196	8 235,240	80 577,374	9,784	9,321
68	73	67 942	7 719,954	72 342,133	9,371	8,907
69	74	65 639	7 223,511	64 622,179	8,946	8,482
70	75	63 185	6 734,549	57 398,668	8,523	8,059
71	76	60 591	6 254,849	50 664,119	8,100	7,636
72	77	57 823	5 781,208	44 409,270	7,682	7,218
73	78	54 934	5 319,489	38 628,061	7,262	6,798
74	79	51 880	4 865,586	33 308,573	6,846	6,382
75	80	48 621	4 416,376	28 442,987	6,440	5,977
76	81	45 162	3 973,099	24 026,611	6,047	5,584
77	82	41 547	3 540,018	20 053,512	5,665	5,201
78	83	37 828	3 121,662	16 513,495	5,290	4,826
79	84	33 983	2 716,108	13 391,832	4,931	4,467
80	85	30 042	2 325,503	10 675,725	4,591	4,127
81	86	26 098	1 956,615	8 350,222	4,268	3,804
82	87	22 195	1 611,672	6 393,607	3,967	3,503
83	88	18 458	1 298,086	4 781,935	3,684	3,220
84	89	14 953	1 018,491	3 483,849	3,421	2,957
85	90	11 756	775,571	2 465,358	3,179	2,715
86	91	8 940	571,221	1 689,787	2,958	2,495
87	92	6 551	405,375	1 118,566	2,759	2,296
88	93	4 614	276,556	713,190	2,579	2,115
89	94	3 111	180,567	436,634	2,418	1,955
90	95	1 993	112,028	256,067	2,286	1,822
91	96	1 228	66,851	144,039	2,155	1,691
92	97	715	37,725	77,189	2,046	1,582
93	98	401	20,492	39,464	1,926	1,462
94	99	211	10,434	18,972	1,818	1,355
95	100	103	4,915	8,538	1,737	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 799 656,159	28,100	27,637
1	7	99 270	96 145,686	2 700 025,855	28,083	27,619
2	8	99 238	93 089,353	2 603 880,169	27,972	27,508
3	9	99 217	90 139,537	2 510 790,816	27,854	27,391
4	10	99 198	87 285,327	2 420 651,278	27,733	27,269
5	11	99 180	84 523,033	2 333 365,951	27,606	27,143
6	12	99 164	81 848,691	2 248 842,918	27,476	27,012
7	13	99 145	79 257,848	2 166 994,227	27,341	26,877
8	14	99 129	76 750,006	2 087 736,379	27,202	26,738
9	15	99 110	74 320,291	2 010 986,373	27,058	26,595
10	16	99 090	71 966,119	1 936 666,082	26,911	26,447
11	17	99 068	69 685,647	1 864 699,963	26,759	26,295
12	18	99 045	67 476,244	1 795 014,316	26,602	26,139
13	19	99 017	65 333,866	1 727 538,073	26,442	25,978
14	20	98 988	63 259,088	1 662 204,207	26,276	25,813
15	21	98 958	61 249,138	1 598 945,119	26,106	25,642
16	22	98 927	59 302,464	1 537 695,981	25,930	25,466
17	23	98 884	57 411,070	1 478 393,518	25,751	25,287
18	24	98 834	55 575,577	1 420 982,447	25,568	25,105
19	25	98 779	53 796,466	1 365 406,871	25,381	24,917
20	26	98 719	52 071,648	1 311 610,404	25,189	24,725
21	27	98 656	50 400,048	1 259 538,757	24,991	24,527
22	28	98 590	48 781,119	1 209 138,708	24,787	24,323
23	29	98 521	47 212,550	1 160 357,589	24,577	24,114
24	30	98 450	45 693,615	1 113 145,039	24,361	23,897
25	31	98 373	44 220,789	1 067 451,424	24,139	23,676
26	32	98 295	42 794,581	1 023 230,635	23,910	23,447
27	33	98 214	41 413,520	980 436,054	23,674	23,211
28	34	98 127	40 074,507	939 022,534	23,432	22,968
29	35	98 038	38 777,917	898 948,027	23,182	22,718
30	36	97 943	37 520,692	860 170,110	22,925	22,462
31	37	97 841	36 301,690	822 649,417	22,661	22,198
32	38	97 728	35 118,650	786 347,728	22,391	21,928
33	39	97 603	33 969,487	751 229,078	22,115	21,651
34	40	97 475	32 857,283	717 259,591	21,830	21,366
35	41	97 331	31 775,828	684 402,307	21,538	21,075
36	42	97 170	30 724,842	652 626,479	21,241	20,777
37	43	97 003	29 706,642	621 901,637	20,935	20,471
38	44	96 825	28 718,739	592 194,995	20,621	20,157
39	45	96 625	27 757,226	563 476,256	20,300	19,837
40	46	96 412	26 824,311	535 719,030	19,971	19,508
41	47	96 169	25 914,367	508 894,719	19,638	19,174
42	48	95 903	25 029,484	482 980,352	19,296	18,833
43	49	95 607	24 166,792	457 950,868	18,950	18,486
44	50	95 278	23 325,434	433 784,076	18,597	18,133
45	51	94 919	22 506,215	410 458,642	18,238	17,774
46	52	94 516	21 705,178	387 952,427	17,874	17,410
47	53	94 078	20 924,533	366 247,249	17,503	17,040
48	54	93 588	20 160,264	345 322,715	17,129	16,665
49	55	93 046	19 412,703	325 162,451	16,750	16,286
50	56	92 446	18 680,382	305 749,748	16,367	15,904
51	57	91 788	17 963,491	287 069,366	15,981	15,517
52	58	91 068	17 261,691	269 105,874	15,590	15,126
53	59	90 265	16 570,950	251 844,183	15,198	14,734
54	60	89 381	15 892,187	235 273,233	14,804	14,341
55	61	88 404	15 223,636	219 381,045	14,411	13,947
56	62	87 369	14 571,799	204 157,409	14,010	13,547
57	63	86 245	13 931,550	189 585,610	13,608	13,145
58	64	85 031	13 303,110	175 654,060	13,204	12,740
59	65	83 699	12 682,517	162 350,950	12,801	12,338
60	66	82 260	12 072,178	149 668,433	12,398	11,934
61	67	80 723	11 473,670	137 596,254	11,992	11,529
62	68	79 062	10 883,862	126 122,584	11,588	11,124
63	69	77 305	10 307,068	115 238,722	11,181	10,717
64	70	75 443	9 742,109	104 931,654	10,771	10,307
65	71	73 460	9 187,432	95 189,545	10,361	9,897
66	72	71 362	8 644,181	86 002,113	9,949	9,486
67	73	69 184	8 116,576	77 357,932	9,531	9,067
68	74	66 890	7 600,428	69 241,356	9,110	8,647
69	75	64 516	7 099,929	61 640,928	8,682	8,218
70	76	61 980	6 606,138	54 540,999	8,256	7,792
71	77	59 269	6 118,330	47 934,862	7,835	7,371
72	78	56 409	5 639,847	41 816,531	7,414	6,951
73	79	53 391	5 170,010	36 176,684	6,997	6,534
74	80	50 172	4 705,395	31 006,675	6,590	6,126
75	81	46 753	4 246,752	26 301,280	6,193	5,730
76	82	43 172	3 798,034	22 054,528	5,807	5,343
77	83	39 455	3 361,808	18 256,494	5,431	4,967
78	84	35 631	2 940,350	14 894,687	5,066	4,602
79	85	31 699	2 533,528	11 954,337	4,718	4,255
80	86	27 722	2 145,925	9 420,808	4,390	3,926
81	87	23 777	1 782,657	7 274,884	4,081	3,617
82	88	19 949	1 448,586	5 492,227	3,791	3,328
83	89	16 338	1 149,033	4 043,640	3,519	3,056
84	90	12 995	885,152	2 894,607	3,270	2,807
85	91	10 017	660,835	2 009,455	3,041	2,577
86	92	7 444	475,636	1 348,619	2,835	2,372
87	93	5 322	329,344	872,983	2,651	2,187
88	94	3 649	218,701	543,640	2,486	2,022
89	95	2 379	138,103	324,938	2,353	1,889
90	96	1 496	84,129	186,836	2,221	1,757
91	97	897	48,835	102,707	2,103	1,639
92	98	517	27,273	53,871	1,975	1,512
93	99	279	14,247	26,598	1,867	1,403
94	100	141	6,985	12,351	1,768	1,305

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 793 583,293	28,041	27,578
1	8	99 266	96 140,947	2 693 959,547	28,021	27,557
2	9	99 232	93 083,590	2 597 818,601	27,908	27,445
3	10	99 210	90 133,705	2 504 735,011	27,789	27,325
4	11	99 192	87 280,155	2 414 601,306	27,665	27,201
5	12	99 173	84 516,738	2 327 321,151	27,537	27,073
6	13	99 156	81 842,215	2 242 804,413	27,404	26,940
7	14	99 137	79 251,054	2 160 962,198	27,267	26,804
8	15	99 118	76 741,952	2 081 711,144	27,126	26,662
9	16	99 098	74 310,993	2 004 969,192	26,981	26,517
10	17	99 076	71 955,964	1 930 658,198	26,831	26,367
11	18	99 054	69 675,444	1 858 702,234	26,677	26,213
12	19	99 025	67 462,503	1 789 026,790	26,519	26,055
13	20	98 998	65 321,255	1 721 564,287	26,355	25,892
14	21	98 970	63 247,374	1 656 243,033	26,187	25,723
15	22	98 942	61 238,998	1 592 995,659	26,013	25,549
16	23	98 910	59 292,201	1 531 756,661	25,834	25,370
17	24	98 863	57 398,613	1 472 464,459	25,653	25,190
18	25	98 817	55 566,153	1 415 065,847	25,466	25,003
19	26	98 761	53 786,435	1 359 499,694	25,276	24,812
20	27	98 700	52 061,516	1 305 713,258	25,080	24,617
21	28	98 634	50 389,040	1 253 651,742	24,879	24,416
22	29	98 565	48 768,953	1 203 262,703	24,673	24,209
23	30	98 496	47 200,332	1 154 493,749	24,459	23,996
24	31	98 421	45 680,047	1 107 293,417	24,240	23,777
25	32	98 342	44 206,674	1 061 613,370	24,015	23,551
26	33	98 261	42 779,729	1 017 406,696	23,782	23,319
27	34	98 179	41 398,775	974 626,967	23,542	23,079
28	35	98 089	40 058,833	933 228,192	23,296	22,833
29	36	97 999	38 762,310	893 169,359	23,042	22,579
30	37	97 897	37 503,101	854 407,049	22,782	22,319
31	38	97 795	36 284,983	816 903,948	22,514	22,050
32	39	97 671	35 098,082	780 618,965	22,241	21,777
33	40	97 544	33 949,251	745 520,883	21,960	21,496
34	41	97 409	32 834,983	711 571,631	21,671	21,208
35	42	97 256	31 751,587	678 736,648	21,376	20,913
36	43	97 089	30 699,347	646 985,061	21,075	20,611
37	44	96 916	29 679,908	616 285,714	20,764	20,301
38	45	96 726	28 689,445	586 605,806	20,447	19,983
39	46	96 517	27 726,361	557 916,361	20,122	19,659
40	47	96 290	26 790,251	530 190,000	19,790	19,327
41	48	96 031	25 877,217	503 399,749	19,453	18,990
42	49	95 750	24 989,448	477 522,532	19,109	18,645
43	50	95 434	24 123,015	452 533,084	18,759	18,296
44	51	95 090	23 279,467	428 410,069	18,403	17,939
45	52	94 710	22 456,504	405 130,602	18,041	17,577
46	53	94 284	21 651,886	382 674,098	17,674	17,210
47	54	93 821	20 867,344	361 022,212	17,301	16,837
48	55	93 306	20 099,589	340 154,869	16,923	16,460
49	56	92 738	19 348,381	320 055,279	16,542	16,078
50	57	92 112	18 612,780	300 706,898	16,156	15,692
51	58	91 421	17 891,776	282 094,118	15,767	15,303
52	59	90 666	17 185,558	264 202,342	15,374	14,910
53	60	89 829	16 490,912	247 016,784	14,979	14,515
54	61	88 899	15 806,512	230 525,872	14,584	14,121
55	62	87 909	15 138,458	214 719,359	14,184	13,720
56	63	86 838	14 483,252	199 580,901	13,780	13,316
57	64	85 677	13 839,819	185 097,649	13,374	12,911
58	65	84 411	13 206,166	171 257,831	12,968	12,504
59	66	83 028	12 580,903	158 051,665	12,563	12,099
60	67	81 542	11 966,723	145 470,762	12,156	11,693
61	68	79 940	11 362,440	133 504,039	11,750	11,286
62	69	78 254	10 772,685	122 141,599	11,338	10,874
63	70	76 442	10 191,916	111 368,914	10,927	10,464
64	71	74 523	9 623,416	101 176,998	10,514	10,050
65	72	72 476	9 064,409	91 553,582	10,100	9,637
66	73	70 334	8 519,624	82 489,173	9,682	9,219
67	74	68 113	7 990,909	73 969,549	9,257	8,793
68	75	65 746	7 470,396	65 978,640	8,832	8,368
69	76	63 286	6 964,550	58 508,243	8,401	7,937
70	77	60 627	6 461,952	51 543,693	7,976	7,513
71	78	57 820	5 968,726	45 081,741	7,553	7,089
72	79	54 824	5 481,366	39 113,016	7,136	6,672
73	80	51 633	4 999,796	33 631,650	6,727	6,263
74	81	48 245	4 524,670	28 631,854	6,328	5,864
75	82	44 693	4 059,629	24 107,184	5,938	5,475
76	83	40 999	3 606,835	20 047,555	5,558	5,095
77	84	37 164	3 166,547	16 440,720	5,192	4,728
78	85	33 236	2 742,697	13 274,172	4,840	4,376
79	86	29 251	2 337,886	10 531,475	4,505	4,041
80	87	25 257	1 955,135	8 193,589	4,191	3,727
81	88	21 371	1 602,270	6 238,454	3,894	3,430
82	89	17 659	1 282,252	4 636,184	3,616	3,152
83	90	14 199	998,604	3 353,932	3,359	2,895
84	91	11 073	754,206	2 355,328	3,123	2,659
85	92	8 341	550,255	1 601,122	2,910	2,446
86	93	6 048	386,427	1 050,868	2,719	2,256
87	94	4 209	260,445	664,441	2,551	2,088
88	95	2 791	167,269	403,996	2,415	1,952
89	96	1 787	103,710	236,727	2,283	1,819
90	97	1 093	61,458	133,017	2,164	1,701
91	98	648	35,305	71,559	2,027	1,563
92	99	360	18,962	36,254	1,912	1,448
93	100	187	9,538	17,292	1,813	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 787 115,661	27,978	27,514
1	9	99 259	96 134,994	2 687 496,826	27,955	27,492
2	10	99 226	93 077,567	2 591 361,832	27,841	27,377
3	11	99 205	90 128,364	2 498 284,265	27,719	27,256
4	12	99 184	87 273,654	2 408 155,901	27,593	27,130
5	13	99 165	84 510,051	2 320 882,247	27,463	26,999
6	14	99 147	81 835,200	2 236 372,196	27,328	26,864
7	15	99 127	79 242,738	2 154 536,996	27,189	26,725
8	16	99 106	76 732,352	2 075 294,258	27,046	26,582
9	17	99 084	74 300,508	1 998 561,907	26,898	26,435
10	18	99 061	71 945,429	1 924 261,399	26,746	26,282
11	19	99 033	69 661,255	1 852 315,970	26,590	26,127
12	20	99 006	67 449,481	1 782 654,715	26,429	25,966
13	21	98 979	65 309,159	1 715 205,234	26,263	25,799
14	22	98 954	63 236,903	1 649 896,075	26,091	25,627
15	23	98 924	61 228,401	1 586 659,172	25,914	25,450
16	24	98 888	59 279,336	1 525 430,772	25,733	25,269
17	25	98 846	57 388,880	1 466 151,436	25,548	25,084
18	26	98 799	55 555,792	1 408 762,556	25,358	24,894
19	27	98 741	53 775,970	1 353 206,764	25,164	24,700
20	28	98 679	52 050,144	1 299 430,794	24,965	24,501
21	29	98 610	50 376,473	1 247 380,649	24,761	24,298
22	30	98 540	48 756,333	1 197 004,177	24,551	24,087
23	31	98 466	47 186,317	1 148 247,844	24,334	23,871
24	32	98 390	45 665,466	1 101 061,527	24,111	23,648
25	33	98 308	44 191,333	1 055 396,061	23,882	23,419
26	34	98 226	42 764,498	1 011 204,728	23,646	23,182
27	35	98 141	41 382,583	968 440,231	23,402	22,938
28	36	98 049	40 042,710	927 057,648	23,152	22,688
29	37	97 953	38 744,136	887 014,937	22,894	22,431
30	38	97 852	37 485,841	848 270,801	22,629	22,165
31	39	97 738	36 263,732	810 784,960	22,358	21,894
32	40	97 613	35 077,175	774 521,228	22,080	21,617
33	41	97 478	33 926,210	739 444,054	21,796	21,332
34	42	97 335	32 809,935	705 517,843	21,503	21,040
35	43	97 176	31 725,239	672 707,909	21,204	20,741
36	44	97 002	30 671,719	640 982,669	20,898	20,435
37	45	96 817	29 649,633	610 310,950	20,584	20,120
38	46	96 619	28 657,544	580 661,317	20,262	19,798
39	47	96 395	27 691,156	552 003,773	19,934	19,471
40	48	96 152	26 751,846	524 312,617	19,599	19,135
41	49	95 877	25 835,825	497 560,771	19,259	18,795
42	50	95 577	24 944,181	471 724,946	18,911	18,448
43	51	95 246	24 075,477	446 780,765	18,558	18,094
44	52	94 880	23 228,048	422 705,289	18,198	17,734
45	53	94 477	22 401,366	399 477,241	17,833	17,369
46	54	94 026	21 592,708	377 075,874	17,463	16,999
47	55	93 539	20 804,541	355 483,167	17,087	16,623
48	56	92 997	20 032,992	334 678,626	16,706	16,243
49	57	92 402	19 278,362	314 645,634	16,321	15,858
50	58	91 744	18 538,472	295 367,272	15,933	15,469
51	59	91 018	17 812,864	276 828,800	15,541	15,077
52	60	90 229	17 102,551	259 015,936	15,145	14,681
53	61	89 345	16 402,009	241 913,385	14,749	14,285
54	62	88 402	15 718,073	225 511,376	14,347	13,884
55	63	87 375	15 046,467	209 793,302	13,943	13,479
56	64	86 266	14 387,888	194 746,835	13,535	13,072
57	65	85 053	13 738,963	180 358,947	13,128	12,664
58	66	83 735	13 100,356	166 619,984	12,719	12,255
59	67	82 303	12 471,003	153 519,628	12,310	11,847
60	68	80 751	11 850,713	141 048,625	11,902	11,438
61	69	79 124	11 246,375	129 197,912	11,488	11,024
62	70	77 380	10 652,331	117 951,537	11,073	10,609
63	71	75 510	10 067,742	107 299,206	10,658	10,194
64	72	73 526	9 494,555	97 231,464	10,241	9,777
65	73	71 432	8 933,797	87 736,909	9,821	9,357
66	74	69 245	8 387,717	78 803,112	9,395	8,931
67	75	66 948	7 854,197	70 415,395	8,965	8,502
68	76	64 492	7 327,954	62 561,198	8,537	8,074
69	77	61 905	6 812,542	55 233,243	8,108	7,644
70	78	59 145	6 303,945	48 420,702	7,681	7,217
71	79	56 195	5 801,003	42 116,757	7,260	6,797
72	80	53 019	5 300,901	36 315,754	6,851	6,387
73	81	49 650	4 807,764	31 014,853	6,451	5,987
74	82	46 119	4 325,302	26 207,089	6,059	5,595
75	83	42 443	3 855,261	21 881,787	5,676	5,212
76	84	38 617	3 397,343	18 026,526	5,306	4,842
77	85	34 666	2 953,689	14 629,183	4,953	4,489
78	86	30 669	2 530,902	11 675,494	4,613	4,150
79	87	26 650	2 130,030	9 144,592	4,293	3,830
80	88	22 701	1 757,295	7 014,562	3,992	3,528
81	89	18 917	1 418,289	5 257,267	3,707	3,243
82	90	15 347	1 114,382	3 838,978	3,445	2,981
83	91	12 099	850,873	2 724,595	3,202	2,738
84	92	9 220	628,001	1 873,722	2,984	2,520
85	93	6 777	447,050	1 245,721	2,787	2,323
86	94	4 783	305,587	798,672	2,614	2,150
87	95	3 219	199,196	493,085	2,475	2,012
88	96	2 096	125,613	293,889	2,340	1,876
89	97	1 305	75,762	168,276	2,221	1,757
90	98	790	44,430	92,514	2,082	1,619
91	99	451	24,547	48,083	1,959	1,495
92	100	241	12,695	23,537	1,854	1,390

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 780 239,856	27,911	27,447
1	10	99 253	96 128,774	2 680 627,189	27,886	27,422
2	11	99 220	93 072,052	2 584 498,415	27,769	27,305
3	12	99 197	90 121,651	2 491 426,363	27,645	27,182
4	13	99 177	87 266,749	2 401 304,712	27,517	27,053
5	14	99 157	84 502,807	2 314 037,963	27,384	26,921
6	15	99 137	81 826,612	2 229 535,156	27,247	26,783
7	16	99 114	79 232,824	2 147 708,543	27,106	26,643
8	17	99 092	76 721,525	2 068 475,719	26,961	26,497
9	18	99 069	74 289,629	1 991 754,195	26,811	26,347
10	19	99 041	71 930,778	1 917 464,565	26,657	26,193
11	20	99 014	69 647,809	1 845 533,788	26,498	26,034
12	21	98 987	67 436,991	1 775 885,979	26,334	25,870
13	22	98 963	65 298,347	1 708 448,988	26,164	25,700
14	23	98 936	63 225,960	1 643 150,641	25,989	25,525
15	24	98 903	61 215,115	1 579 924,681	25,809	25,346
16	25	98 871	59 269,284	1 518 709,566	25,624	25,160
17	26	98 827	57 378,179	1 459 440,282	25,435	24,972
18	27	98 779	55 544,982	1 402 062,103	25,242	24,778
19	28	98 720	53 764,224	1 346 517,121	25,045	24,581
20	29	98 654	52 037,163	1 292 752,897	24,843	24,379
21	30	98 584	50 363,436	1 240 715,734	24,635	24,172
22	31	98 511	48 741,856	1 190 352,297	24,422	23,958
23	32	98 435	47 171,255	1 141 610,442	24,201	23,738
24	33	98 355	45 649,618	1 094 439,187	23,975	23,511
25	34	98 273	44 175,598	1 048 789,569	23,741	23,278
26	35	98 187	42 747,772	1 004 613,970	23,501	23,037
27	36	98 101	41 365,927	961 866,199	23,253	22,789
28	37	98 003	40 023,937	920 500,271	22,999	22,535
29	38	97 908	38 726,305	880 476,335	22,736	22,272
30	39	97 795	37 463,887	841 750,030	22,468	22,005
31	40	97 680	36 242,130	804 286,143	22,192	21,728
32	41	97 546	35 053,368	768 044,013	21,911	21,447
33	42	97 404	33 900,329	732 990,645	21,622	21,158
34	43	97 254	32 782,709	699 090,316	21,325	20,861
35	44	97 088	31 696,689	666 307,607	21,021	20,558
36	45	96 903	30 640,433	634 610,919	20,712	20,248
37	46	96 709	29 616,664	603 970,486	20,393	19,929
38	47	96 496	28 621,156	574 353,822	20,067	19,604
39	48	96 257	27 651,460	545 732,665	19,736	19,273
40	49	95 998	26 709,055	518 081,206	19,397	18,934
41	50	95 703	25 789,025	491 372,151	19,054	18,590
42	51	95 388	24 895,024	465 583,126	18,702	18,238
43	52	95 036	24 022,299	440 688,102	18,345	17,881
44	53	94 647	23 171,016	416 665,803	17,982	17,519
45	54	94 219	22 340,140	393 494,787	17,614	17,150
46	55	93 743	21 527,722	371 154,647	17,241	16,777
47	56	93 229	20 735,607	349 626,925	16,861	16,398
48	57	92 660	19 960,494	328 891,318	16,477	16,013
49	58	92 033	19 201,397	308 930,824	16,089	15,625
50	59	91 339	18 456,707	289 729,426	15,698	15,234
51	60	90 578	17 726,827	271 272,719	15,303	14,839
52	61	89 742	17 010,351	253 545,892	14,905	14,442
53	62	88 845	16 310,238	236 535,540	14,502	14,039
54	63	87 865	15 622,560	220 225,302	14,097	13,633
55	64	86 800	14 947,395	204 602,742	13,688	13,225
56	65	85 637	14 283,038	189 655,346	13,278	12,815
57	66	84 371	13 628,884	175 372,308	12,868	12,404
58	67	83 003	12 985,919	161 743,424	12,455	11,992
59	68	81 505	12 350,105	148 757,505	12,045	11,581
60	69	79 926	11 729,660	136 407,401	11,629	11,166
61	70	78 240	11 120,728	124 677,741	11,211	10,748
62	71	76 437	10 522,548	113 557,012	10,792	10,328
63	72	74 499	9 932,932	103 034,464	10,373	9,909
64	73	72 466	9 357,745	93 101,533	9,949	9,486
65	74	70 326	8 795,477	83 743,788	9,521	9,058
66	75	68 060	8 244,216	74 948,311	9,091	8,627
67	76	65 671	7 704,437	66 704,095	8,658	8,194
68	77	63 085	7 168,014	58 999,657	8,231	7,767
69	78	60 391	6 645,962	51 831,643	7,799	7,335
70	79	57 483	6 126,803	45 185,681	7,375	6,911
71	80	54 345	5 610,015	39 058,879	6,962	6,499
72	81	50 983	5 097,304	33 448,864	6,562	6,098
73	82	47 462	4 595,921	28 351,559	6,169	5,705
74	83	43 797	4 107,559	23 755,638	5,783	5,320
75	84	39 978	3 631,340	19 648,079	5,411	4,947
76	85	36 022	3 168,971	16 016,739	5,054	4,591
77	86	31 989	2 725,601	12 847,768	4,714	4,250
78	87	27 942	2 305,886	10 122,167	4,390	3,926
79	88	23 953	1 914,492	7 816,281	4,083	3,619
80	89	20 095	1 555,514	5 901,789	3,794	3,330
81	90	16 441	1 232,609	4 346,276	3,526	3,062
82	91	13 076	949,524	3 113,666	3,279	2,816
83	92	10 074	708,492	2 164,142	3,055	2,591
84	93	7 491	510,214	1 455,650	2,853	2,389
85	94	5 359	353,528	945,436	2,674	2,211
86	95	3 658	233,721	591,908	2,533	2,069
87	96	2 417	149,589	358,187	2,394	1,931
88	97	1 531	91,762	208,598	2,273	1,810
89	98	944	54,772	116,835	2,133	1,670
90	99	549	30,891	62,064	2,009	1,545
91	100	302	16,433	31,173	1,897	1,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 772 945,984	27,839	27,375
1	11	99 247	96 123,078	2 673 339,762	27,812	27,348
2	12	99 213	93 065,119	2 577 216,684	27,693	27,229
3	13	99 189	90 114,521	2 484 151,565	27,567	27,103
4	14	99 168	87 259,269	2 394 037,044	27,436	26,972
5	15	99 146	84 493,940	2 306 777,775	27,301	26,837
6	16	99 124	81 816,376	2 222 283,835	27,162	26,698
7	17	99 100	79 221,644	2 140 467,460	27,019	26,555
8	18	99 077	76 710,291	2 061 245,815	26,871	26,407
9	19	99 049	74 274,501	1 984 535,524	26,719	26,255
10	20	99 022	71 916,893	1 910 261,024	26,562	26,098
11	21	98 996	69 634,912	1 838 344,130	26,400	25,936
12	22	98 971	67 425,827	1 768 709,218	26,232	25,768
13	23	98 946	65 287,047	1 701 283,392	26,059	25,595
14	24	98 915	63 212,241	1 635 996,345	25,881	25,417
15	25	98 886	61 204,735	1 572 784,104	25,697	25,233
16	26	98 853	59 258,233	1 511 579,369	25,508	25,045
17	27	98 808	57 367,015	1 452 321,136	25,316	24,853
18	28	98 758	55 532,850	1 394 954,122	25,119	24,656
19	29	98 695	53 750,815	1 339 421,272	24,919	24,455
20	30	98 628	52 023,697	1 285 670,457	24,713	24,250
21	31	98 555	50 348,482	1 233 646,759	24,502	24,039
22	32	98 479	48 726,297	1 183 298,278	24,285	23,821
23	33	98 401	47 154,885	1 134 571,980	24,061	23,597
24	34	98 320	45 633,365	1 087 417,096	23,829	23,366
25	35	98 235	44 158,321	1 041 783,731	23,592	23,128
26	36	98 148	42 730,567	997 625,410	23,347	22,883
27	37	98 055	41 346,533	954 894,844	23,095	22,631
28	38	97 958	40 005,517	913 548,311	22,836	22,372
29	39	97 851	38 703,625	873 542,794	22,570	22,106
30	40	97 736	37 441,570	834 839,170	22,297	21,833
31	41	97 614	36 217,532	797 397,600	22,017	21,553
32	42	97 472	35 026,627	761 180,068	21,731	21,268
33	43	97 323	33 872,198	726 153,441	21,438	20,974
34	44	97 166	32 753,207	692 281,243	21,136	20,673
35	45	96 989	31 664,357	659 528,036	20,829	20,365
36	46	96 795	30 606,362	627 863,679	20,514	20,051
37	47	96 587	29 579,059	597 257,317	20,192	19,728
38	48	96 358	28 580,127	567 678,258	19,863	19,399
39	49	96 103	27 607,229	539 098,132	19,527	19,064
40	50	95 824	26 660,673	511 490,903	19,185	18,722
41	51	95 515	25 738,203	484 830,230	18,837	18,373
42	52	95 178	24 840,036	459 092,027	18,482	18,018
43	53	94 802	23 963,317	434 251,991	18,122	17,658
44	54	94 389	23 107,686	410 288,673	17,756	17,292
45	55	93 935	22 272,905	387 180,987	17,383	16,920
46	56	93 433	21 456,392	364 908,082	17,007	16,543
47	57	92 891	20 660,567	343 451,691	16,624	16,160
48	58	92 290	19 880,807	322 791,123	16,236	15,773
49	59	91 628	19 116,708	302 910,317	15,845	15,382
50	60	90 898	18 367,561	283 793,608	15,451	14,987
51	61	90 090	17 631,262	265 426,047	15,054	14,591
52	62	89 240	16 915,176	247 794,785	14,649	14,186
53	63	88 305	16 211,127	230 879,609	14,242	13,778
54	64	87 286	15 519,695	214 668,482	13,832	13,368
55	65	86 167	14 838,468	199 148,787	13,421	12,957
56	66	84 951	14 168,600	184 310,318	13,008	12,545
57	67	83 634	13 509,830	170 141,718	12,594	12,130
58	68	82 199	12 860,028	156 631,888	12,180	11,716
59	69	80 672	12 223,951	143 771,860	11,761	11,298
60	70	79 033	11 598,614	131 547,909	11,342	10,878
61	71	77 286	10 985,239	119 949,295	10,919	10,456
62	72	75 414	10 381,647	108 964,056	10,496	10,032
63	73	73 426	9 789,805	98 582,409	10,070	9,606
64	74	71 344	9 212,861	88 792,604	9,638	9,174
65	75	69 122	8 645,001	79 579,743	9,205	8,742
66	76	66 762	8 087,020	70 934,743	8,771	8,308
67	77	64 238	7 536,280	62 847,723	8,339	7,876
68	78	61 542	6 992,742	55 311,444	7,910	7,446
69	79	58 694	6 459,209	48 318,701	7,481	7,017
70	80	55 590	5 925,088	41 859,492	7,065	6,601
71	81	52 258	5 394,546	35 934,404	6,661	6,198
72	82	48 737	4 872,704	30 539,859	6,268	5,804
73	83	45 073	4 364,556	25 667,155	5,881	5,417
74	84	41 254	3 868,984	21 302,599	5,506	5,042
75	85	37 291	3 387,238	17 433,615	5,147	4,683
76	86	33 240	2 924,259	14 046,377	4,803	4,340
77	87	29 145	2 483,274	11 122,118	4,479	4,015
78	88	25 115	2 072,553	8 638,844	4,168	3,705
79	89	21 203	1 694,660	6 566,291	3,875	3,411
80	90	17 464	1 351,869	4 871,630	3,604	3,140
81	91	14 009	1 050,261	3 519,762	3,351	2,888
82	92	10 888	790,635	2 469,501	3,123	2,660
83	93	8 185	575,609	1 678,865	2,917	2,453
84	94	5 924	403,478	1 103,257	2,734	2,271
85	95	4 099	270,388	699,779	2,588	2,124
86	96	2 747	175,517	429,391	2,446	1,983
87	97	1 766	109,277	253,874	2,323	1,860
88	98	1 107	66,339	144,597	2,180	1,716
89	99	656	38,081	78,258	2,055	1,591
90	100	368	20,681	40,177	1,943	1,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 765 223,646	27,763	27,300
1	12	99 240	96 115,918	2 665 623,326	27,733	27,270
2	13	99 205	93 057,757	2 569 507,408	27,612	27,148
3	14	99 181	90 106,796	2 476 449,651	27,483	27,020
4	15	99 158	87 250,112	2 386 342,855	27,351	26,887
5	16	99 134	84 483,369	2 299 092,743	27,214	26,750
6	17	99 110	81 804,831	2 214 609,374	27,072	26,608
7	18	99 086	79 210,045	2 132 804,542	26,926	26,462
8	19	99 057	76 694,670	2 053 594,497	26,776	26,313
9	20	99 030	74 260,164	1 976 899,828	26,621	26,158
10	21	99 004	71 903,576	1 902 639,664	26,461	25,997
11	22	98 980	69 623,383	1 830 736,087	26,295	25,831
12	23	98 954	67 414,159	1 761 112,704	26,124	25,660
13	24	98 924	65 272,881	1 693 698,545	25,948	25,484
14	25	98 898	63 201,522	1 628 425,664	25,766	25,302
15	26	98 868	61 193,323	1 565 224,142	25,578	25,115
16	27	98 834	59 246,703	1 504 030,820	25,386	24,922
17	28	98 787	57 354,484	1 444 784,117	25,190	24,727
18	29	98 733	55 519,000	1 387 429,633	24,990	24,527
19	30	98 670	53 736,906	1 331 910,633	24,786	24,322
20	31	98 599	52 008,250	1 278 173,727	24,576	24,113
21	32	98 523	50 332,411	1 226 165,478	24,361	23,898
22	33	98 445	48 709,387	1 175 833,067	24,140	23,676
23	34	98 366	47 138,095	1 127 123,680	23,911	23,447
24	35	98 282	45 615,517	1 079 985,584	23,676	23,212
25	36	98 195	44 140,548	1 034 370,068	23,434	22,970
26	37	98 102	42 710,532	990 229,520	23,185	22,721
27	38	98 010	41 327,504	947 518,988	22,927	22,463
28	39	97 901	39 982,087	906 191,484	22,665	22,201
29	40	97 792	38 680,569	866 209,397	22,394	21,930
30	41	97 670	37 416,158	827 528,828	22,117	21,653
31	42	97 539	36 189,903	790 112,670	21,832	21,369
32	43	97 391	34 997,561	753 922,766	21,542	21,079
33	44	97 235	33 841,716	718 925,205	21,244	20,780
34	45	97 067	32 719,797	685 083,490	20,938	20,474
35	46	96 881	31 629,148	652 363,693	20,625	20,162
36	47	96 672	30 567,500	620 734,545	20,307	19,843
37	48	96 448	29 536,656	590 167,045	19,981	19,517
38	49	96 204	28 534,411	560 630,389	19,648	19,184
39	50	95 929	27 557,220	532 095,978	19,309	18,845
40	51	95 635	26 608,133	504 538,758	18,962	18,498
41	52	95 304	25 681,353	477 930,625	18,610	18,146
42	53	94 944	24 779,047	452 249,272	18,251	17,788
43	54	94 543	23 897,822	427 470,225	17,887	17,424
44	55	94 104	23 038,141	403 572,403	17,518	17,054
45	56	93 624	22 199,106	380 534,262	17,142	16,678
46	57	93 095	21 378,744	358 335,157	16,761	16,298
47	58	92 520	20 578,085	336 956,413	16,375	15,911
48	59	91 883	19 793,121	316 378,328	15,984	15,521
49	60	91 185	19 024,375	296 585,207	15,590	15,126
50	61	90 408	18 268,542	277 560,833	15,193	14,730
51	62	89 586	17 532,613	259 292,291	14,789	14,326
52	63	88 698	16 812,389	241 759,678	14,380	13,916
53	64	87 724	16 104,386	224 947,289	13,968	13,504
54	65	86 650	15 406,597	208 842,903	13,555	13,092
55	66	85 477	14 719,580	193 436,305	13,141	12,678
56	67	84 209	14 044,832	178 716,725	12,725	12,261
57	68	82 823	13 378,861	164 671,894	12,308	11,845
58	69	81 359	12 728,665	151 293,033	11,886	11,422
59	70	79 771	12 087,383	138 564,368	11,464	11,000
60	71	78 070	11 457,302	126 476,985	11,039	10,575
61	72	76 252	10 838,142	115 019,683	10,612	10,149
62	73	74 327	10 232,055	104 181,541	10,182	9,718
63	74	72 289	9 638,232	93 949,486	9,748	9,284
64	75	70 124	9 055,244	84 311,255	9,311	8,847
65	76	67 804	8 480,162	75 256,011	8,874	8,411
66	77	65 305	7 910,512	66 775,849	8,441	7,978
67	78	62 667	7 352,003	58 865,338	8,007	7,543
68	79	59 813	6 796,245	51 513,334	7,580	7,116
69	80	56 762	6 246,551	44 717,090	7,159	6,695
70	81	53 455	5 697,517	38 470,539	6,752	6,289
71	82	49 955	5 156,848	32 773,022	6,355	5,892
72	83	46 283	4 627,405	27 616,173	5,968	5,504
73	84	42 455	4 111,054	22 988,769	5,592	5,128
74	85	38 480	3 608,908	18 877,715	5,231	4,767
75	86	34 411	3 125,671	15 268,807	4,885	4,421
76	87	30 285	2 664,270	12 143,137	4,558	4,094
77	88	26 196	2 231,992	9 478,867	4,247	3,783
78	89	22 231	1 834,572	7 246,875	3,950	3,487
79	90	18 427	1 472,799	5 412,303	3,675	3,211
80	91	14 880	1 151,877	3 939,505	3,420	2,956
81	92	11 664	874,516	2 787,627	3,188	2,724
82	93	8 846	642,345	1 913,112	2,978	2,515
83	94	6 472	455,192	1 270,767	2,792	2,328
84	95	4 531	308,591	815,574	2,643	2,179
85	96	3 078	203,052	506,983	2,497	2,033
86	97	2 007	128,218	303,931	2,370	1,907
87	98	1 277	79,001	175,714	2,224	1,761
88	99	770	46,124	96,712	2,097	1,633
89	100	439	25,494	50,589	1,984	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 757 061,931	27,683	27,220
1	13	99 232	96 108,314	2 657 469,030	27,651	27,187
2	14	99 196	93 049,780	2 561 360,717	27,527	27,063
3	15	99 170	90 097,341	2 468 310,937	27,396	26,932
4	16	99 145	87 239,197	2 378 213,596	27,261	26,797
5	17	99 120	84 471,449	2 290 974,399	27,121	26,658
6	18	99 096	81 792,854	2 206 502,950	26,977	26,513
7	19	99 065	79 193,914	2 124 710,097	26,829	26,366
8	20	99 038	76 679,866	2 045 516,182	26,676	26,212
9	21	99 012	74 246,413	1 968 836,317	26,518	26,054
10	22	98 987	71 891,672	1 894 589,903	26,353	25,890
11	23	98 962	69 611,335	1 822 698,231	26,184	25,720
12	24	98 932	67 399,531	1 753 086,896	26,010	25,547
13	25	98 908	65 261,813	1 685 687,365	25,830	25,366
14	26	98 880	63 189,737	1 620 425,552	25,644	25,180
15	27	98 849	61 181,416	1 557 235,815	25,453	24,989
16	28	98 812	59 233,761	1 496 054,399	25,257	24,793
17	29	98 762	57 340,180	1 436 820,638	25,058	24,594
18	30	98 708	55 504,633	1 379 480,457	24,853	24,390
19	31	98 640	53 720,949	1 323 975,825	24,645	24,182
20	32	98 568	51 991,649	1 270 254,875	24,432	23,968
21	33	98 489	50 314,943	1 218 263,226	24,213	23,749
22	34	98 410	48 692,044	1 167 948,283	23,986	23,523
23	35	98 327	47 119,659	1 119 256,239	23,753	23,290
24	36	98 242	45 597,157	1 072 136,580	23,513	23,050
25	37	98 149	44 119,852	1 026 539,423	23,267	22,803
26	38	98 057	42 690,876	982 419,570	23,012	22,549
27	39	97 953	41 303,300	939 728,694	22,752	22,288
28	40	97 843	39 958,269	898 425,394	22,484	22,020
29	41	97 726	38 654,317	858 467,125	22,209	21,745
30	42	97 595	37 387,615	819 812,808	21,927	21,464
31	43	97 458	36 159,873	782 425,193	21,638	21,174
32	44	97 304	34 966,066	746 265,321	21,343	20,879
33	45	97 136	33 807,196	711 299,255	21,040	20,576
34	46	96 959	32 683,414	677 492,059	20,729	20,265
35	47	96 758	31 588,987	644 808,645	20,412	19,949
36	48	96 534	30 523,680	613 219,658	20,090	19,626
37	49	96 294	29 489,410	582 695,978	19,759	19,296
38	50	96 029	28 482,722	553 206,568	19,423	18,959
39	51	95 739	27 502,914	524 723,846	19,079	18,615
40	52	95 424	26 549,362	497 220,932	18,728	18,265
41	53	95 070	25 618,298	470 671,570	18,372	17,909
42	54	94 684	24 711,322	445 053,273	18,010	17,546
43	55	94 259	23 825,899	420 341,951	17,642	17,179
44	56	93 793	22 961,806	396 516,052	17,269	16,805
45	57	93 285	22 118,770	373 554,246	16,889	16,425
46	58	92 723	21 293,394	351 435,476	16,504	16,041
47	59	92 112	20 487,324	330 142,082	16,114	15,651
48	60	91 440	19 697,520	309 654,759	15,720	15,257
49	61	90 693	18 921,814	289 957,238	15,324	14,860
50	62	89 902	18 166,327	271 035,424	14,920	14,456
51	63	89 042	17 426,074	252 869,097	14,511	14,047
52	64	88 114	16 701,689	235 443,024	14,097	13,633
53	65	87 085	15 987,028	218 741,334	13,682	13,219
54	66	85 956	15 283,157	202 754,306	13,267	12,803
55	67	84 730	14 590,998	187 471,149	12,848	12,385
56	68	83 393	13 908,675	172 880,151	12,430	11,966
57	69	81 977	13 242,198	158 971,475	12,005	11,541
58	70	80 450	12 586,458	145 729,277	11,578	11,115
59	71	78 799	11 940,116	133 142,819	11,151	10,687
60	72	77 025	11 303,885	121 202,703	10,722	10,259
61	73	75 153	10 681,972	109 898,819	10,288	9,825
62	74	73 176	10 073,634	99 216,847	9,849	9,386
63	75	71 052	9 473,337	89 143,212	9,410	8,946
64	76	68 786	8 882,583	79 669,876	8,969	8,506
65	77	66 325	8 295,073	70 787,293	8,534	8,070
66	78	63 708	7 717,085	62 492,220	8,098	7,634
67	79	60 906	7 145,410	54 775,135	7,666	7,202
68	80	57 843	6 572,490	47 629,725	7,247	6,783
69	81	54 581	6 006,633	41 057,235	6,835	6,372
70	82	51 100	5 446,470	35 050,602	6,435	5,972
71	83	47 440	4 897,244	29 604,132	6,045	5,581
72	84	43 595	4 358,636	24 706,887	5,668	5,205
73	85	39 601	3 834,705	20 348,251	5,306	4,843
74	86	35 509	3 330,223	16 513,546	4,959	4,495
75	87	31 352	2 847,775	13 183,323	4,629	4,166
76	88	27 220	2 394,672	10 335,549	4,316	3,852
77	89	23 188	1 975,703	7 940,877	4,019	3,556
78	90	19 321	1 594,393	5 965,174	3,741	3,278
79	91	15 701	1 254,917	4 370,780	3,483	3,019
80	92	12 390	959,128	3 115,863	3,249	2,785
81	93	9 477	710,493	2 156,735	3,036	2,572
82	94	6 996	507,968	1 446,242	2,847	2,383
83	95	4 950	348,144	938,275	2,695	2,231
84	96	3 402	231,742	590,131	2,547	2,083
85	97	2 248	148,332	358,389	2,416	1,952
86	98	1 451	92,694	210,057	2,266	1,803
87	99	888	54,927	117,363	2,137	1,673
88	100	515	30,878	62,436	2,022	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 748 452,249	27,599	27,135
1	14	99 223	96 100,076	2 648 867,228	27,564	27,100
2	15	99 186	93 040,015	2 552 767,152	27,437	26,974
3	16	99 158	90 086,069	2 459 727,137	27,304	26,841
4	17	99 131	87 226,887	2 369 641,067	27,166	26,703
5	18	99 105	84 459,080	2 282 414,180	27,024	26,560
6	19	99 076	81 776,197	2 197 955,100	26,878	26,414
7	20	99 046	79 178,628	2 116 178,902	26,727	26,263
8	21	99 020	76 665,667	2 037 000,274	26,570	26,106
9	22	98 995	74 234,121	1 960 334,607	26,407	25,944
10	23	98 970	71 879,232	1 886 100,486	26,240	25,776
11	24	98 941	69 596,231	1 814 221,254	26,068	25,604
12	25	98 915	67 388,102	1 744 625,024	25,889	25,426
13	26	98 889	65 249,644	1 677 236,922	25,705	25,241
14	27	98 861	63 177,442	1 611 987,278	25,515	25,052
15	28	98 827	61 168,052	1 548 809,836	25,321	24,857
16	29	98 787	59 218,989	1 487 641,783	25,121	24,657
17	30	98 736	57 325,342	1 428 422,794	24,918	24,454
18	31	98 678	55 488,152	1 371 097,453	24,710	24,246
19	32	98 609	53 703,802	1 315 609,301	24,498	24,034
20	33	98 534	51 973,605	1 261 905,499	24,280	23,816
21	34	98 454	50 297,029	1 209 931,894	24,056	23,592
22	35	98 372	48 673,000	1 159 634,865	23,825	23,361
23	36	98 288	47 100,694	1 110 961,865	23,587	23,123
24	37	98 196	45 575,779	1 063 861,171	23,343	22,879
25	38	98 104	44 099,547	1 018 285,392	23,091	22,627
26	39	97 999	42 665,874	974 185,845	22,833	22,369
27	40	97 894	41 278,696	931 519,971	22,567	22,103
28	41	97 776	39 931,150	890 241,275	22,294	21,831
29	42	97 651	38 624,829	850 310,125	22,015	21,551
30	43	97 514	37 356,590	811 685,297	21,728	21,264
31	44	97 371	36 127,331	774 328,707	21,433	20,970
32	45	97 204	34 930,399	738 201,375	21,133	20,670
33	46	97 028	33 769,603	703 270,976	20,826	20,362
34	47	96 836	32 641,915	669 501,373	20,510	20,047
35	48	96 619	31 543,703	636 859,458	20,190	19,726
36	49	96 379	30 474,855	605 315,755	19,863	19,399
37	50	96 119	29 435,991	574 840,900	19,529	19,065
38	51	95 840	28 426,592	545 404,908	19,186	18,723
39	52	95 528	27 442,166	516 978,316	18,839	18,375
40	53	95 189	26 484,175	489 536,150	18,484	18,020
41	54	94 810	25 548,279	463 051,975	18,125	17,661
42	55	94 399	24 636,950	437 503,696	17,758	17,294
43	56	93 946	23 746,954	412 866,746	17,386	16,922
44	57	93 453	22 878,710	389 119,792	17,008	16,544
45	58	92 913	22 030,465	366 241,082	16,624	16,161
46	59	92 314	21 199,478	344 210,617	16,237	15,773
47	60	91 667	20 388,370	323 011,138	15,843	15,379
48	61	90 947	19 591,331	302 622,769	15,447	14,983
49	62	90 186	18 815,944	283 031,438	15,042	14,578
50	63	89 356	18 055,937	264 215,494	14,633	14,170
51	64	88 455	17 311,333	246 159,557	14,220	13,756
52	65	87 472	16 579,978	228 848,224	13,803	13,339
53	66	86 387	15 858,937	212 268,245	13,385	12,921
54	67	85 205	15 149,652	196 409,308	12,965	12,501
55	68	83 909	14 449,547	181 259,655	12,544	12,081
56	69	82 541	13 766,601	166 810,108	12,117	11,653
57	70	81 061	13 094,254	153 043,507	11,688	11,224
58	71	79 470	12 433,111	139 949,253	11,256	10,793
59	72	77 744	11 780,233	127 516,142	10,825	10,361
60	73	75 915	11 141,003	115 735,909	10,388	9,925
61	74	73 989	10 516,586	104 594,906	9,946	9,482
62	75	71 924	9 901,290	94 078,320	9,502	9,038
63	76	69 697	9 292,704	84 177,030	9,058	8,595
64	77	67 285	8 688,711	74 884,326	8,619	8,155
65	78	64 703	8 092,243	66 195,616	8,180	7,717
66	79	61 918	7 500,233	58 103,373	7,747	7,283
67	80	58 901	6 910,160	50 603,140	7,323	6,859
68	81	55 622	6 320,054	43 692,980	6,913	6,450
69	82	52 176	5 741,966	37 372,926	6,509	6,045
70	83	48 527	5 172,286	31 630,961	6,115	5,652
71	84	44 685	4 612,803	26 458,674	5,736	5,272
72	85	40 664	4 065,645	21 845,871	5,373	4,910
73	86	36 543	3 538,584	17 780,227	5,025	4,561
74	87	32 352	3 034,141	14 241,643	4,694	4,230
75	88	28 179	2 559,608	11 207,502	4,379	3,915
76	89	24 095	2 119,704	8 647,894	4,080	3,616
77	90	20 152	1 717,048	6 528,190	3,802	3,338
78	91	16 462	1 358,524	4 811,142	3,541	3,078
79	92	13 074	1 044,926	3 452,619	3,304	2,841
80	93	10 066	779,235	2 407,693	3,090	2,626
81	94	7 494	561,859	1 628,458	2,898	2,435
82	95	5 350	388,508	1 066,599	2,745	2,282
83	96	3 718	261,444	678,091	2,594	2,130
84	97	2 485	169,291	416,647	2,461	1,998
85	98	1 626	107,236	247,356	2,307	1,843
86	99	1 009	64,447	140,120	2,174	1,711
87	100	594	36,772	75,673	2,058	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 739 385,042	27,510	27,047
1	15	99 213	96 089,991	2 639 808,557	27,472	27,009
2	16	99 173	93 028,376	2 543 718,565	27,343	26,880
3	17	99 144	90 073,358	2 450 690,189	27,208	26,744
4	18	99 117	87 214,116	2 360 616,831	27,067	26,603
5	19	99 085	84 441,881	2 273 402,716	26,923	26,459
6	20	99 057	81 760,412	2 188 960,835	26,773	26,309
7	21	99 028	79 163,967	2 107 200,422	26,618	26,155
8	22	99 003	76 652,975	2 028 036,455	26,457	25,994
9	23	98 978	74 221,275	1 951 383,481	26,291	25,828
10	24	98 949	71 863,635	1 877 162,206	26,121	25,658
11	25	98 924	69 584,429	1 805 298,571	25,944	25,480
12	26	98 897	67 375,537	1 735 714,141	25,762	25,298
13	27	98 870	65 236,948	1 668 338,605	25,574	25,110
14	28	98 839	63 163,643	1 603 101,657	25,380	24,917
15	29	98 802	61 152,797	1 539 938,014	25,182	24,718
16	30	98 762	59 203,664	1 478 785,217	24,978	24,514
17	31	98 707	57 308,320	1 419 581,553	24,771	24,307
18	32	98 647	55 470,440	1 362 273,233	24,559	24,095
19	33	98 575	53 685,164	1 306 802,793	24,342	23,878
20	34	98 498	51 955,100	1 253 117,629	24,119	23,656
21	35	98 416	50 277,357	1 201 162,528	23,891	23,427
22	36	98 332	48 653,410	1 150 885,172	23,655	23,191
23	37	98 242	47 078,611	1 102 231,762	23,413	22,949
24	38	98 151	45 554,804	1 055 153,151	23,162	22,699
25	39	98 046	44 073,720	1 009 598,347	22,907	22,443
26	40	97 941	42 640,457	965 524,627	22,643	22,180
27	41	97 828	41 250,680	922 884,169	22,373	21,909
28	42	97 702	39 900,688	881 633,489	22,096	21,632
29	43	97 570	38 592,777	841 732,801	21,811	21,347
30	44	97 427	37 322,972	803 140,024	21,519	21,055
31	45	97 271	36 090,480	765 817,052	21,219	20,756
32	46	97 096	34 891,558	729 726,572	20,914	20,451
33	47	96 905	33 726,725	694 835,014	20,602	20,138
34	48	96 697	32 595,121	661 108,289	20,282	19,819
35	49	96 465	31 493,246	628 513,168	19,957	19,493
36	50	96 205	30 419,652	597 019,921	19,626	19,163
37	51	95 930	29 377,983	566 600,269	19,287	18,823
38	52	95 628	28 363,804	537 222,287	18,940	18,477
39	53	95 293	27 374,787	508 858,483	18,589	18,125
40	54	94 929	26 411,790	481 483,695	18,230	17,766
41	55	94 525	25 471,388	455 071,905	17,866	17,402
42	56	94 087	24 555,318	429 600,517	17,495	17,032
43	57	93 606	23 661,016	405 045,199	17,119	16,655
44	58	93 080	22 787,372	381 384,183	16,737	16,273
45	59	92 503	21 933,299	358 596,811	16,349	15,886
46	60	91 868	21 097,085	336 663,512	15,958	15,494
47	61	91 173	20 278,456	315 566,427	15,562	15,098
48	62	90 438	19 481,715	295 287,972	15,157	14,694
49	63	89 638	18 701,607	275 806,257	14,748	14,284
50	64	88 768	17 937,049	257 104,650	14,334	13,870
51	65	87 811	17 185,179	239 167,601	13,917	13,453
52	66	86 771	16 447,137	221 982,421	13,497	13,033
53	67	85 632	15 720,403	205 535,285	13,074	12,611
54	68	84 379	15 002,786	189 814,882	12,652	12,188
55	69	83 052	14 301,948	174 812,096	12,223	11,759
56	70	81 619	13 612,798	160 510,148	11,791	11,327
57	71	80 074	12 934,720	146 897,350	11,357	10,893
58	72	78 406	12 266,627	133 962,630	10,921	10,457
59	73	76 624	11 610,488	121 696,003	10,482	10,018
60	74	74 740	10 968,510	110 085,515	10,037	9,573
61	75	72 723	10 336,664	99 117,005	9,589	9,125
62	76	70 553	9 712,497	88 780,342	9,141	8,677
63	77	68 176	9 089,880	79 067,844	8,698	8,235
64	78	65 640	8 476,255	69 977,964	8,256	7,792
65	79	62 885	7 864,849	61 501,709	7,820	7,356
66	80	59 880	7 253,300	53 636,860	7,395	6,931
67	81	56 639	6 644,755	46 383,560	6,980	6,517
68	82	53 171	6 041,576	39 738,805	6,578	6,114
69	83	49 550	5 452,906	33 697,229	6,180	5,716
70	84	45 709	4 871,870	28 244,323	5,797	5,334
71	85	41 681	4 302,726	23 372,453	5,432	4,968
72	86	37 524	3 751,690	19 069,727	5,083	4,619
73	87	33 294	3 223,977	15 318,037	4,751	4,288
74	88	29 078	2 727,116	12 094,060	4,435	3,971
75	89	24 943	2 265,701	9 366,944	4,134	3,671
76	90	20 940	1 842,196	7 101,243	3,855	3,391
77	91	17 171	1 463,033	5 259,047	3,595	3,131
78	92	13 708	1 131,195	3 796,014	3,356	2,892
79	93	10 622	848,941	2 664,819	3,139	2,675
80	94	7 961	616,221	1 815,878	2,947	2,483
81	95	5 732	429,725	1 199,657	2,792	2,328
82	96	4 018	291,756	769,932	2,639	2,175
83	97	2 716	190,989	478,176	2,504	2,040
84	98	1 797	122,388	287,187	2,347	1,883
85	99	1 130	74,558	164,799	2,210	1,747
86	100	675	43,146	90,241	2,092	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 729 850,932	27,417	26,954
1	16	99 201	96 077,970	2 630 284,896	27,377	26,913
2	17	99 159	93 015,249	2 534 206,926	27,245	26,781
3	18	99 130	90 060,170	2 441 191,676	27,106	26,643
4	19	99 097	87 196,355	2 351 131,506	26,964	26,500
5	20	99 066	84 425,582	2 263 935,151	26,816	26,352
6	21	99 038	81 745,273	2 179 509,569	26,662	26,199
7	22	99 012	79 150,861	2 097 764,296	26,503	26,040
8	23	98 986	76 639,710	2 018 613,436	26,339	25,875
9	24	98 957	74 205,170	1 941 973,726	26,170	25,707
10	25	98 932	71 851,449	1 867 768,556	25,995	25,531
11	26	98 906	69 571,454	1 795 917,106	25,814	25,350
12	27	98 878	67 362,427	1 726 345,652	25,628	25,164
13	28	98 848	65 222,698	1 658 983,225	25,436	24,972
14	29	98 814	63 147,890	1 593 760,526	25,239	24,775
15	30	98 777	61 136,972	1 530 612,636	25,036	24,572
16	31	98 733	59 186,085	1 469 475,664	24,828	24,364
17	32	98 676	57 290,027	1 410 289,580	24,617	24,153
18	33	98 612	55 451,189	1 352 999,552	24,400	23,936
19	34	98 540	53 666,050	1 297 548,363	24,178	23,715
20	35	98 460	51 934,780	1 243 882,313	23,951	23,487
21	36	98 376	50 257,121	1 191 947,533	23,717	23,253
22	37	98 286	48 630,599	1 141 690,412	23,477	23,013
23	38	98 196	47 056,944	1 093 059,814	23,228	22,765
24	39	98 094	45 528,124	1 046 002,869	22,975	22,511
25	40	97 988	44 047,465	1 000 474,745	22,714	22,250
26	41	97 874	42 611,517	956 427,280	22,445	21,982
27	42	97 753	41 219,212	913 815,762	22,170	21,706
28	43	97 621	39 867,578	872 596,551	21,887	21,424
29	44	97 483	38 558,047	832 728,973	21,597	21,133
30	45	97 327	37 284,901	794 170,926	21,300	20,836
31	46	97 163	36 050,349	756 886,025	20,995	20,532
32	47	96 973	34 847,255	720 835,677	20,686	20,222
33	48	96 766	33 678,376	685 988,421	20,369	19,905
34	49	96 543	32 542,983	652 310,045	20,045	19,581
35	50	96 290	31 436,198	619 767,062	19,715	19,251
36	51	96 015	30 359,705	588 330,864	19,379	18,915
37	52	95 718	29 313,093	557 971,159	19,035	18,571
38	53	95 394	28 294,162	528 658,066	18,684	18,221
39	54	95 033	27 299,968	500 363,904	18,328	17,865
40	55	94 644	26 332,300	473 063,935	17,965	17,502
41	56	94 211	25 386,991	446 731,635	17,597	17,133
42	57	93 746	24 466,455	421 344,644	17,221	16,758
43	58	93 233	23 566,555	396 878,189	16,841	16,377
44	59	92 670	22 686,867	373 311,634	16,455	15,991
45	60	92 056	21 827,361	350 624,767	16,064	15,600
46	61	91 373	20 983,350	328 797,406	15,669	15,206
47	62	90 663	20 164,996	307 814,056	15,265	14,801
48	63	89 888	19 363,332	287 649,060	14,855	14,392
49	64	89 048	18 578,468	268 285,729	14,441	13,977
50	65	88 121	17 806,336	249 707,261	14,024	13,560
51	66	87 107	17 047,489	231 900,925	13,603	13,140
52	67	86 013	16 303,464	214 853,437	13,178	12,715
53	68	84 802	15 568,003	198 549,972	12,754	12,290
54	69	83 517	14 849,535	182 981,969	12,322	11,859
55	70	82 124	14 142,164	168 132,434	11,889	11,425
56	71	80 625	13 446,946	153 990,270	11,452	10,988
57	72	79 002	12 761,519	140 543,324	11,013	10,549
58	73	77 276	12 089,873	127 781,805	10,569	10,106
59	74	75 438	11 430,726	115 691,931	10,121	9,658
60	75	73 461	10 780,856	104 261,206	9,671	9,207
61	76	71 337	10 139,569	93 480,350	9,219	8,756
62	77	69 013	9 500,511	83 340,781	8,772	8,309
63	78	66 509	8 867,616	73 840,269	8,327	7,863
64	79	63 795	8 238,070	64 972,654	7,887	7,423
65	80	60 814	7 605,912	56 734,583	7,459	6,996
66	81	57 580	6 974,716	49 128,671	7,044	6,580
67	82	54 143	6 351,970	42 153,955	6,636	6,173
68	83	50 494	5 737,434	35 801,986	6,240	5,776
69	84	46 672	5 136,191	30 064,552	5,853	5,390
70	85	42 636	4 544,378	24 928,361	5,486	5,022
71	86	38 462	3 970,464	20 383,983	5,134	4,670
72	87	34 188	3 418,136	16 413,519	4,802	4,338
73	88	29 925	2 897,742	12 995,383	4,485	4,021
74	89	25 739	2 413,974	10 097,640	4,183	3,719
75	90	21 678	1 969,080	7 683,666	3,902	3,439
76	91	17 842	1 569,667	5 714,586	3,641	3,177
77	92	14 297	1 218,216	4 144,919	3,402	2,939
78	93	11 137	919,030	2 926,702	3,185	2,721
79	94	8 400	671,344	2 007,673	2,991	2,527
80	95	6 088	471,302	1 336,328	2,835	2,372
81	96	4 304	322,709	865,026	2,681	2,217
82	97	2 935	213,132	542,317	2,545	2,081
83	98	1 963	138,074	329,185	2,384	1,920
84	99	1 249	85,092	191,110	2,246	1,782
85	100	757	49,915	106,018	2,124	1,660

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 719 841,718	27,320	26,857
1	17	99 187	96 064,413	2 620 288,138	27,276	26,813
2	18	99 145	93 001,630	2 524 223,725	27,142	26,678
3	19	99 109	90 041,830	2 431 222,094	27,001	26,537
4	20	99 077	87 179,524	2 341 180,265	26,855	26,391
5	21	99 048	84 409,949	2 254 000,740	26,703	26,239
6	22	99 022	81 731,739	2 169 590,792	26,545	26,082
7	23	98 994	79 137,164	2 087 859,052	26,383	25,919
8	24	98 965	76 623,080	2 008 721,889	26,216	25,752
9	25	98 940	74 192,587	1 932 098,808	26,042	25,578
10	26	98 913	71 838,052	1 857 906,221	25,862	25,399
11	27	98 887	69 557,918	1 786 068,169	25,677	25,214
12	28	98 856	67 347,713	1 716 510,252	25,487	25,024
13	29	98 824	65 206,432	1 649 162,538	25,291	24,828
14	30	98 789	63 131,549	1 583 956,106	25,090	24,626
15	31	98 747	61 118,818	1 520 824,557	24,883	24,419
16	32	98 701	59 167,193	1 459 705,739	24,671	24,207
17	33	98 641	57 270,145	1 400 538,546	24,455	23,991
18	34	98 577	55 431,446	1 343 268,401	24,233	23,769
19	35	98 501	53 645,060	1 287 836,955	24,007	23,543
20	36	98 420	51 913,877	1 234 191,895	23,774	23,310
21	37	98 330	50 233,558	1 182 278,018	23,536	23,072
22	38	98 241	48 608,218	1 132 044,460	23,289	22,826
23	39	98 139	47 029,385	1 083 436,242	23,037	22,574
24	40	98 035	45 501,003	1 036 406,857	22,778	22,314
25	41	97 921	44 017,570	990 905,854	22,512	22,048
26	42	97 800	42 579,011	946 888,284	22,238	21,775
27	43	97 672	41 185,007	904 309,273	21,957	21,494
28	44	97 533	39 831,700	863 124,265	21,669	21,206
29	45	97 383	38 518,716	823 292,566	21,374	20,910
30	46	97 219	37 243,442	784 773,850	21,071	20,608
31	47	97 040	36 004,575	747 530,408	20,762	20,298
32	48	96 834	34 797,300	711 525,834	20,448	19,984
33	49	96 611	33 624,505	676 728,534	20,126	19,662
34	50	96 368	32 484,033	643 104,028	19,798	19,334
35	51	96 100	31 374,248	610 619,995	19,462	18,999
36	52	95 803	30 292,647	579 245,748	19,122	18,658
37	53	95 483	29 241,121	548 953,101	18,773	18,310
38	54	95 133	28 216,830	519 711,980	18,419	17,955
39	55	94 747	27 217,805	491 495,149	18,058	17,594
40	56	94 330	26 245,051	464 277,344	17,690	17,226
41	57	93 871	25 295,119	438 032,293	17,317	16,853
42	58	93 372	24 368,778	412 737,174	16,937	16,474
43	59	92 822	23 462,614	388 368,396	16,553	16,089
44	60	92 222	22 577,289	364 905,782	16,163	15,699
45	61	91 560	21 709,689	342 328,493	15,768	15,305
46	62	90 862	20 865,946	320 618,804	15,366	14,902
47	63	90 112	20 042,460	299 752,858	14,956	14,492
48	64	89 296	19 235,836	279 710,398	14,541	14,077
49	65	88 399	18 443,080	260 474,563	14,123	13,660

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	66	87 415	17 663,668	242 031,483	13,702	13,239
51	67	86 346	16 898,572	224 367,814	13,277	12,814
52	68	85 179	16 145,412	207 469,243	12,850	12,386
53	69	83 936	15 408,979	191 323,831	12,416	11,953
54	70	82 584	14 683,633	175 914,852	11,980	11,517
55	71	81 123	13 969,863	161 231,218	11,541	11,078
56	72	79 545	13 266,887	147 261,355	11,100	10,636
57	73	77 863	12 577,634	133 994,469	10,653	10,190
58	74	76 080	11 902,689	121 416,835	10,201	9,737
59	75	74 147	11 235,164	109 514,146	9,747	9,284
60	76	72 060	10 575,292	98 278,982	9,293	8,830
61	77	69 780	9 918,262	87 703,690	8,843	8,379
62	78	67 325	9 268,206	77 785,428	8,393	7,929
63	79	64 640	8 618,433	68 517,222	7,950	7,486
64	80	61 695	7 966,846	59 898,789	7,519	7,055
65	81	58 478	7 313,785	51 931,943	7,101	6,637
66	82	55 043	6 667,392	44 618,158	6,692	6,228
67	83	51 417	6 032,202	37 950,766	6,291	5,828
68	84	47 561	5 404,193	31 918,565	5,906	5,443
69	85	43 535	4 790,931	26 514,372	5,534	5,071
70	86	39 344	4 193,455	21 723,441	5,180	4,717
71	87	35 043	3 617,459	17 529,985	4,846	4,382
72	88	30 729	3 072,255	13 912,526	4,528	4,065
73	89	26 489	2 565,009	10 840,271	4,226	3,763
74	90	22 370	2 097,941	8 275,262	3,944	3,481
75	91	18 471	1 677,780	6 177,321	3,682	3,218
76	92	14 857	1 307,007	4 499,541	3,443	2,979
77	93	11 616	989,730	3 192,534	3,226	2,762
78	94	8 807	726,770	2 202,804	3,031	2,567
79	95	6 424	513,462	1 476,034	2,875	2,411
80	96	4 572	353,932	962,571	2,720	2,256
81	97	3 144	235,744	608,639	2,582	2,118
82	98	2 122	154,083	372,895	2,420	1,956
83	99	1 365	95,999	218,812	2,279	1,816
84	100	836	56,967	122,814	2,156	1,692

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 709 349,144	27,219	26,755
1	18	99 172	96 050,348	2 609 809,611	27,171	26,708
2	19	99 125	92 982,691	2 513 759,264	27,035	26,571
3	20	99 090	90 024,449	2 420 776,572	26,890	26,427
4	21	99 059	87 163,381	2 330 752,123	26,740	26,276
5	22	99 031	84 395,974	2 243 588,741	26,584	26,120
6	23	99 005	81 717,596	2 159 192,767	26,423	25,959
7	24	98 973	79 119,992	2 077 475,171	26,257	25,794
8	25	98 948	76 610,087	1 998 355,179	26,085	25,621
9	26	98 921	74 178,753	1 921 745,092	25,907	25,443
10	27	98 894	71 824,074	1 847 566,338	25,723	25,260
11	28	98 865	69 542,724	1 775 742,265	25,535	25,071
12	29	98 831	67 330,917	1 706 199,540	25,341	24,877
13	30	98 798	65 189,558	1 638 868,623	25,140	24,676
14	31	98 759	63 112,803	1 573 679,065	24,934	24,471
15	32	98 716	61 099,310	1 510 566,262	24,723	24,260
16	33	98 667	59 146,659	1 449 466,953	24,506	24,043
17	34	98 606	57 249,754	1 390 320,294	24,285	23,822
18	35	98 539	55 409,766	1 333 070,539	24,058	23,595
19	36	98 461	53 623,469	1 277 660,774	23,827	23,363
20	37	98 374	51 889,537	1 224 037,305	23,589	23,126
21	38	98 285	50 210,439	1 172 147,767	23,345	22,881
22	39	98 183	48 579,750	1 121 937,328	23,095	22,631
23	40	98 080	47 001,369	1 073 357,578	22,837	22,373
24	41	97 969	45 470,122	1 026 356,209	22,572	22,108
25	42	97 847	43 983,991	980 886,087	22,301	21,837
26	43	97 718	42 543,678	936 902,096	22,022	21,558
27	44	97 584	41 147,944	894 358,418	21,735	21,272
28	45	97 433	39 791,070	853 210,474	21,442	20,979
29	46	97 275	38 475,885	813 419,404	21,141	20,677
30	47	97 096	37 196,152	774 943,519	20,834	20,370
31	48	96 901	35 952,960	737 747,367	20,520	20,056
32	49	96 679	34 741,639	701 794,406	20,200	19,737
33	50	96 436	33 563,596	667 052,767	19,874	19,411
34	51	96 178	32 420,018	633 489,171	19,540	19,076
35	52	95 888	31 304,949	601 069,153	19,200	18,737
36	53	95 568	30 218,269	569 764,204	18,855	18,391
37	54	95 222	29 161,201	539 545,935	18,502	18,039
38	55	94 847	28 131,908	510 384,734	18,143	17,679
39	56	94 433	27 127,622	482 252,826	17,777	17,314
40	57	93 989	26 150,073	455 125,204	17,404	16,941
41	58	93 496	25 194,134	428 975,131	17,027	16,563
42	59	92 960	24 261,298	403 780,997	16,643	16,179
43	60	92 373	23 349,289	379 519,699	16,254	15,790
44	61	91 725	22 455,575	356 170,410	15,861	15,397
45	62	91 048	21 588,221	333 714,835	15,458	14,995
46	63	90 310	20 739,151	312 126,614	15,050	14,586
47	64	89 519	19 910,492	291 387,463	14,635	14,171
48	65	88 646	19 095,657	271 476,971	14,217	13,753
49	66	87 691	18 295,311	252 381,313	13,795	13,331
50	67	86 651	17 509,369	234 086,003	13,369	12,906
51	68	85 509	16 734,750	216 576,634	12,942	12,478
52	69	84 309	15 980,490	199 841,884	12,505	12,042
53	70	82 998	15 236,827	183 861,394	12,067	11,603
54	71	81 578	14 504,735	168 624,567	11,625	11,162
55	72	80 037	13 782,801	154 119,832	11,182	10,718
56	73	78 399	13 075,720	140 337,030	10,733	10,269
57	74	76 658	12 382,898	127 261,311	10,277	9,814
58	75	74 778	11 699,053	114 878,413	9,819	9,356
59	76	72 733	11 020,937	103 179,360	9,362	8,898
60	77	70 487	10 344,475	92 158,423	8,909	8,445
61	78	68 073	9 675,742	81 813,948	8,456	7,992
62	79	65 434	9 007,767	72 138,207	8,008	7,545
63	80	62 512	8 334,686	63 130,439	7,574	7,111
64	81	59 325	7 660,856	54 795,753	7,153	6,689
65	82	55 902	6 991,520	47 134,898	6,742	6,278
66	83	52 272	6 331,745	40 143,377	6,340	5,876
67	84	48 431	5 681,840	33 811,632	5,951	5,487
68	85	44 364	5 040,918	28 129,792	5,580	5,117
69	86	40 173	4 420,969	23 088,875	5,223	4,759
70	87	35 846	3 820,625	18 667,905	4,886	4,422
71	88	31 497	3 251,408	14 847,280	4,566	4,103
72	89	27 200	2 719,483	11 595,872	4,264	3,800
73	90	23 021	2 229,203	8 876,389	3,982	3,518
74	91	19 060	1 787,578	6 647,186	3,719	3,255
75	92	15 380	1 397,029	4 859,608	3,479	3,015
76	93	12 070	1 061,867	3 462,579	3,261	2,797
77	94	9 186	782,680	2 400,712	3,067	2,604
78	95	6 736	555,854	1 618,032	2,911	2,447
79	96	4 824	385,593	1 062,178	2,755	2,291
80	97	3 340	258,553	676,585	2,617	2,153
81	98	2 273	170,430	418,032	2,453	1,989
82	99	1 475	107,129	247,603	2,311	1,848
83	100	914	64,269	140,474	2,186	1,722

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 698 364,297	27,112	26,649
1	19	99 152	96 030,788	2 598 839,338	27,063	26,599
2	20	99 106	92 964,743	2 502 808,550	26,922	26,459
3	21	99 072	90 007,780	2 409 843,807	26,774	26,310
4	22	99 043	87 148,951	2 319 836,027	26,619	26,156
5	23	99 014	84 381,370	2 232 687,076	26,459	25,996
6	24	98 983	81 699,865	2 148 305,707	26,295	25,831
7	25	98 956	79 106,576	2 066 605,842	26,124	25,661
8	26	98 929	76 595,803	1 987 499,266	25,948	25,484
9	27	98 902	74 164,320	1 910 903,464	25,766	25,302
10	28	98 873	71 808,385	1 836 739,144	25,578	25,115
11	29	98 840	69 525,381	1 764 930,758	25,385	24,922
12	30	98 806	67 313,493	1 695 405,377	25,187	24,723
13	31	98 769	65 170,201	1 628 091,884	24,982	24,519
14	32	98 728	63 092,657	1 562 921,683	24,772	24,308
15	33	98 682	61 078,105	1 499 829,026	24,556	24,092
16	34	98 632	59 125,600	1 438 750,920	24,334	23,870
17	35	98 568	57 227,363	1 379 625,320	24,108	23,644
18	36	98 499	55 387,464	1 322 397,957	23,875	23,412
19	37	98 415	53 598,328	1 267 010,493	23,639	23,175
20	38	98 329	51 865,657	1 213 412,165	23,395	22,932
21	39	98 227	50 181,033	1 161 546,509	23,147	22,683
22	40	98 125	48 550,811	1 111 365,476	22,891	22,427
23	41	98 014	46 969,470	1 062 814,665	22,628	22,164
24	42	97 894	45 435,434	1 015 845,195	22,358	21,894
25	43	97 765	43 947,493	970 409,761	22,081	21,617
26	44	97 631	42 505,392	926 462,268	21,796	21,333
27	45	97 485	41 105,971	883 956,876	21,504	21,041
28	46	97 325	39 746,824	842 850,905	21,205	20,742
29	47	97 151	38 427,031	803 104,081	20,899	20,436
30	48	96 956	37 142,830	764 677,050	20,587	20,124
31	49	96 746	35 895,451	727 534,220	20,268	19,805
32	50	96 504	34 678,707	691 638,769	19,944	19,481
33	51	96 246	33 497,454	656 960,063	19,612	19,149
34	52	95 965	32 348,409	623 462,609	19,273	18,810
35	53	95 653	31 228,086	591 114,200	18,929	18,465
36	54	95 307	30 135,679	559 886,114	18,579	18,115
37	55	94 935	29 073,436	529 750,436	18,221	17,757
38	56	94 532	28 038,696	500 676,999	17,857	17,393
39	57	94 091	27 029,450	472 638,303	17,486	17,022
40	58	93 613	26 045,675	445 608,853	17,109	16,645
41	59	93 083	25 083,014	419 563,178	16,727	16,263
42	60	92 511	24 144,116	394 480,165	16,339	15,875
43	61	91 875	23 223,413	370 336,049	15,947	15,483
44	62	91 212	22 329,933	347 112,636	15,545	15,081
45	63	90 495	21 457,037	324 782,703	15,136	14,673
46	64	89 715	20 602,596	303 325,665	14,723	14,259
47	65	88 867	19 765,398	282 723,070	14,304	13,840
48	66	87 935	18 942,660	262 957,672	13,882	13,418
49	67	86 925	18 135,494	244 015,012	13,455	12,991
50	68	85 811	17 339,626	225 879,519	13,027	12,563
51	69	84 636	16 563,808	208 539,893	12,590	12,126
52	70	83 367	15 801,953	191 976,084	12,149	11,685
53	71	81 987	15 051,189	176 174,132	11,705	11,241
54	72	80 486	14 310,511	161 122,943	11,259	10,795
55	73	78 884	13 584,200	146 812,431	10,808	10,344
56	74	77 185	12 873,272	133 228,231	10,349	9,886
57	75	75 346	12 171,046	120 354,959	9,889	9,425
58	76	73 352	11 475,981	108 183,913	9,427	8,963
59	77	71 146	10 780,393	96 707,933	8,971	8,507
60	78	68 764	10 091,533	85 927,540	8,515	8,051
61	79	66 161	9 403,851	75 836,007	8,064	7,601
62	80	63 279	8 711,202	66 432,156	7,626	7,162
63	81	60 111	8 014,568	57 720,954	7,202	6,738
64	82	56 711	7 323,299	49 706,386	6,787	6,324
65	83	53 088	6 639,556	42 383,087	6,383	5,920
66	84	49 236	5 963,985	35 743,531	5,993	5,530
67	85	45 175	5 299,901	29 779,546	5,619	5,155
68	86	40 938	4 651,651	24 479,645	5,263	4,799
69	87	36 601	4 027,911	19 827,993	4,923	4,459
70	88	32 219	3 434,016	15 800,082	4,601	4,137
71	89	27 880	2 878,065	12 366,066	4,297	3,833
72	90	23 639	2 363,453	9 488,001	4,014	3,551
73	91	19 615	1 899,421	7 124,548	3,751	3,287
74	92	15 871	1 488,454	5 225,126	3,510	3,047
75	93	12 495	1 135,004	3 736,672	3,292	2,829
76	94	9 545	839,726	2 601,668	3,098	2,635
77	95	7 026	598,615	1 761,942	2,943	2,480
78	96	5 058	417,428	1 163,327	2,787	2,323
79	97	3 524	281,681	745,899	2,648	2,184
80	98	2 415	186,919	464,218	2,484	2,020
81	99	1 580	118,495	277,299	2,340	1,877
82	100	988	71,720	158,804	2,214	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 686 876,863	27,003	26,539
1	20	99 133	96 012,252	2 587 372,172	26,948	26,485
2	21	99 087	92 947,529	2 491 359,920	26,804	26,340
3	22	99 055	89 992,878	2 398 412,391	26,651	26,188
4	23	99 026	87 133,870	2 308 419,513	26,493	26,029
5	24	98 993	84 363,060	2 221 285,643	26,330	25,866
6	25	98 966	81 686,011	2 136 922,582	26,160	25,697
7	26	98 938	79 091,825	2 055 236,572	25,985	25,522
8	27	98 910	76 580,899	1 976 144,746	25,805	25,341
9	28	98 881	74 148,121	1 899 563,847	25,619	25,155
10	29	98 848	71 790,477	1 825 415,727	25,427	24,963
11	30	98 815	69 507,389	1 753 625,250	25,229	24,766
12	31	98 777	67 293,506	1 684 117,861	25,026	24,563
13	32	98 737	65 149,399	1 616 824,355	24,817	24,354
14	33	98 694	63 070,761	1 551 674,956	24,602	24,139
15	34	98 647	61 056,359	1 488 604,195	24,381	23,917
16	35	98 593	59 102,475	1 427 547,836	24,154	23,690
17	36	98 528	57 204,330	1 368 445,361	23,922	23,458
18	37	98 453	55 361,496	1 311 241,031	23,685	23,221
19	38	98 370	53 573,661	1 255 879,535	23,442	22,978
20	39	98 271	51 835,281	1 202 305,874	23,195	22,731
21	40	98 168	50 151,140	1 150 470,594	22,940	22,476
22	41	98 058	48 517,860	1 100 319,454	22,679	22,215
23	42	97 939	46 933,638	1 051 801,594	22,410	21,947
24	43	97 813	45 397,732	1 004 867,955	22,135	21,671
25	44	97 678	43 907,943	959 470,224	21,852	21,388
26	45	97 531	42 462,035	915 562,281	21,562	21,098
27	46	97 376	41 060,263	873 100,246	21,264	20,800
28	47	97 201	39 696,356	832 039,983	20,960	20,496
29	48	97 012	38 371,944	792 343,627	20,649	20,185
30	49	96 801	37 083,417	753 971,683	20,332	19,868
31	50	96 570	35 830,428	716 888,266	20,008	19,544
32	51	96 314	34 610,366	681 057,838	19,678	19,214
33	52	96 034	33 423,465	646 447,471	19,341	18,878
34	53	95 730	32 268,984	613 024,006	18,997	18,534
35	54	95 391	31 142,735	580 755,022	18,648	18,185
36	55	95 020	30 044,981	549 612,287	18,293	17,829
37	56	94 621	28 977,105	519 567,306	17,930	17,467
38	57	94 190	27 937,227	490 590,201	17,560	17,097
39	58	93 716	26 921,541	462 652,974	17,185	16,722
40	59	93 201	25 930,799	435 731,433	16,804	16,340
41	60	92 634	24 961,862	409 800,634	16,417	15,953
42	61	92 012	24 013,955	384 838,772	16,026	15,562
43	62	91 361	23 093,475	360 824,817	15,625	15,161
44	63	90 657	22 194,242	337 731,342	15,217	14,753
45	64	89 899	21 315,755	315 537,099	14,803	14,339
46	65	89 061	20 452,457	294 221,344	14,386	13,922
47	66	88 155	19 607,034	273 768,887	13,963	13,499
48	67	87 167	18 777,188	254 161,852	13,536	13,072
49	68	86 082	17 959,681	235 384,665	13,106	12,643
50	69	84 934	17 162,505	217 424,984	12,669	12,205
51	70	83 690	16 378,754	200 262,479	12,227	11,763
52	71	82 351	15 609,429	183 883,724	11,780	11,317
53	72	80 889	14 849,648	168 274,295	11,332	10,868
54	73	79 326	14 104,307	153 424,647	10,878	10,414
55	74	77 662	13 373,880	139 320,341	10,417	9,954
56	75	75 864	12 653,030	125 946,461	9,954	9,490
57	76	73 910	11 938,974	113 293,431	9,489	9,026
58	77	71 751	11 225,505	101 354,456	9,029	8,565
59	78	69 406	10 516,792	90 128,952	8,570	8,106
60	79	66 832	9 807,958	79 612,159	8,117	7,653
61	80	63 982	9 094,245	69 804,201	7,676	7,212
62	81	60 849	8 376,622	60 709,956	7,248	6,784
63	82	57 462	7 661,425	52 333,333	6,831	6,367
64	83	53 856	6 954,632	44 671,908	6,423	5,960
65	84	50 004	6 253,918	37 717,276	6,031	5,567
66	85	45 926	5 563,081	31 463,357	5,656	5,192
67	86	41 687	4 890,636	25 900,277	5,296	4,832
68	87	37 299	4 238,084	21 009,641	4,957	4,494
69	88	32 897	3 620,327	16 771,557	4,633	4,169
70	89	28 519	3 039,705	13 151,230	4,326	3,863
71	90	24 230	2 501,274	10 111,526	4,043	3,579
72	91	20 142	2 013,811	7 610,251	3,779	3,315
73	92	16 333	1 581,582	5 596,440	3,539	3,075
74	93	12 894	1 209,282	4 014,858	3,320	2,856
75	94	9 881	897,563	2 805,576	3,126	2,662
76	95	7 300	642,245	1 908,013	2,971	2,507
77	96	5 276	449,540	1 265,768	2,816	2,352
78	97	3 695	304,937	816,228	2,677	2,213
79	98	2 548	203,640	511,291	2,511	2,047
80	99	1 679	129,959	307,651	2,367	1,904
81	100	1 058	79,329	177,691	2,240	1,776

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 674 881,532	26,887	26,424
1	21	99 114	95 994,473	2 575 396,047	26,829	26,365
2	22	99 071	92 932,141	2 479 401,574	26,680	26,216
3	23	99 038	89 977,305	2 386 469,433	26,523	26,059
4	24	99 004	87 114,963	2 296 492,128	26,362	25,898
5	25	98 976	84 348,755	2 209 377,164	26,193	25,730
6	26	98 948	81 670,779	2 125 028,410	26,019	25,556
7	27	98 918	79 076,436	2 043 357,630	25,840	25,377
8	28	98 889	76 564,172	1 964 281,194	25,655	25,192
9	29	98 856	74 129,628	1 887 717,022	25,465	25,001
10	30	98 822	71 771,899	1 813 587,394	25,269	24,805
11	31	98 785	69 486,750	1 741 815,495	25,067	24,603
12	32	98 745	67 272,026	1 672 328,745	24,859	24,396
13	33	98 703	65 126,789	1 605 056,719	24,645	24,181
14	34	98 658	63 048,305	1 539 929,930	24,425	23,961
15	35	98 608	61 032,479	1 476 881,624	24,198	23,735
16	36	98 553	59 078,687	1 415 849,146	23,965	23,502
17	37	98 482	57 177,510	1 356 770,459	23,729	23,265
18	38	98 408	55 336,017	1 299 592,949	23,485	23,022
19	39	98 312	53 542,285	1 244 256,931	23,239	22,775
20	40	98 213	51 804,402	1 190 714,647	22,985	22,521
21	41	98 102	50 117,103	1 138 910,244	22,725	22,261
22	42	97 983	48 480,847	1 088 793,142	22,458	21,995
23	43	97 858	46 894,692	1 040 312,295	22,184	21,720
24	44	97 725	45 356,877	993 417,602	21,902	21,439
25	45	97 578	43 863,155	948 060,725	21,614	21,150
26	46	97 422	42 414,819	904 197,570	21,318	20,854
27	47	97 253	41 008,128	861 782,752	21,015	20,551
28	48	97 062	39 639,450	820 774,624	20,706	20,242
29	49	96 857	38 310,565	781 135,174	20,390	19,926
30	50	96 626	37 016,243	742 824,609	20,068	19,604
31	51	96 380	35 759,818	705 808,367	19,737	19,274
32	52	96 101	34 533,920	670 048,548	19,403	18,939
33	53	95 798	33 341,401	635 514,629	19,061	18,597
34	54	95 468	32 180,788	602 173,228	18,712	18,249
35	55	95 104	31 049,007	569 992,440	18,358	17,894
36	56	94 705	29 945,430	538 943,433	17,998	17,534
37	57	94 279	28 872,240	508 998,002	17,629	17,166
38	58	93 814	27 825,694	480 125,763	17,255	16,791
39	59	93 302	26 802,802	452 300,069	16,875	16,411
40	60	92 750	25 805,553	425 497,267	16,489	16,025
41	61	92 134	24 827,293	399 691,714	16,099	15,635
42	62	91 498	23 879,594	374 864,421	15,698	15,234
43	63	90 806	22 953,144	350 984,827	15,291	14,828
44	64	90 060	22 048,106	328 031,682	14,878	14,414
45	65	89 244	21 160,420	305 983,576	14,460	13,997
46	66	88 348	20 288,589	284 823,156	14,039	13,575
47	67	87 384	19 435,758	264 534,567	13,611	13,147
48	68	86 322	18 595,154	245 098,809	13,181	12,717
49	69	85 203	17 776,226	226 503,655	12,742	12,278
50	70	83 986	16 970,763	208 727,428	12,299	11,836
51	71	82 670	16 179,203	191 756,666	11,852	11,388
52	72	81 249	15 400,413	175 577,462	11,401	10,937
53	73	79 723	14 635,674	160 177,049	10,944	10,481
54	74	78 098	13 885,933	145 541,374	10,481	10,018
55	75	76 334	13 145,074	131 655,441	10,016	9,552
56	76	74 418	12 411,768	118 510,368	9,548	9,085
57	77	72 296	11 678,393	106 098,599	9,085	8,621
58	78	69 997	10 951,020	94 420,206	8,622	8,158
59	79	67 456	10 221,268	83 469,186	8,166	7,703
60	80	64 631	9 485,048	73 247,918	7,722	7,259
61	81	61 525	8 744,954	63 762,870	7,291	6,828
62	82	58 168	8 007,527	55 017,916	6,871	6,407
63	83	54 570	7 275,737	47 010,390	6,461	5,998
64	84	50 728	6 550,694	39 734,652	6,066	5,602
65	85	46 643	5 833,524	33 183,958	5,688	5,225
66	86	42 380	5 133,492	27 350,434	5,328	4,864
67	87	37 981	4 455,821	22 216,942	4,986	4,522
68	88	33 524	3 809,232	17 761,121	4,663	4,199
69	89	29 120	3 204,622	13 951,889	4,354	3,890
70	90	24 785	2 641,752	10 747,267	4,068	3,605
71	91	20 646	2 131,243	8 105,514	3,803	3,340
72	92	16 772	1 676,830	5 974,271	3,563	3,099
73	93	13 270	1 284,943	4 297,441	3,344	2,881
74	94	10 197	956,302	3 012,498	3,150	2,687
75	95	7 558	686,481	2 056,196	2,995	2,532
76	96	5 482	482,305	1 369,715	2,840	2,376
77	97	3 854	328,395	887,410	2,702	2,239
78	98	2 671	220,452	559,015	2,536	2,072
79	99	1 771	141,585	338,562	2,391	1,928
80	100	1 124	87,004	196,977	2,264	1,800

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 662 365,813	26,766	26,303
1	22	99 098	95 978,581	2 562 898,750	26,703	26,239
2	23	99 054	92 916,060	2 466 920,169	26,550	26,086
3	24	99 017	89 957,782	2 374 004,110	26,390	25,927
4	25	98 987	87 100,191	2 284 046,328	26,223	25,760
5	26	98 957	84 333,027	2 196 946,137	26,051	25,587
6	27	98 929	81 654,889	2 112 613,110	25,872	25,409
7	28	98 897	79 059,164	2 030 958,221	25,689	25,225
8	29	98 864	76 545,077	1 951 899,057	25,500	25,036
9	30	98 830	74 110,445	1 875 353,980	25,305	24,841
10	31	98 793	71 750,587	1 801 243,535	25,104	24,641
11	32	98 754	69 464,570	1 729 492,948	24,897	24,434
12	33	98 711	67 248,679	1 660 028,378	24,685	24,221
13	34	98 668	65 103,601	1 592 779,698	24,465	24,002
14	35	98 620	63 023,646	1 527 676,097	24,240	23,776
15	36	98 568	61 007,914	1 464 652,451	24,008	23,544
16	37	98 507	59 050,988	1 403 644,537	23,770	23,306
17	38	98 437	57 151,195	1 344 593,549	23,527	23,063
18	39	98 350	55 303,609	1 287 442,354	23,280	22,816
19	40	98 254	53 510,389	1 232 138,744	23,026	22,563
20	41	98 146	51 769,243	1 178 628,355	22,767	22,303
21	42	98 027	50 078,870	1 126 859,112	22,502	22,038
22	43	97 902	48 440,617	1 076 780,242	22,229	21,765
23	44	97 770	46 852,490	1 028 339,625	21,948	21,485
24	45	97 625	45 310,611	981 487,134	21,661	21,198
25	46	97 469	43 814,381	936 176,523	21,367	20,903
26	47	97 299	42 360,963	892 362,142	21,066	20,602
27	48	97 113	40 949,341	850 001,179	20,757	20,294
28	49	96 907	39 576,043	809 051,838	20,443	19,979
29	50	96 681	38 241,167	769 475,795	20,122	19,658
30	51	96 436	36 943,296	731 234,627	19,793	19,330
31	52	96 167	35 680,833	694 291,331	19,458	18,995
32	53	95 865	34 449,129	658 610,498	19,118	18,655
33	54	95 536	33 250,274	624 161,370	18,772	18,308
34	55	95 181	32 083,936	590 911,096	18,418	17,954
35	56	94 789	30 946,129	558 827,160	18,058	17,594
36	57	94 362	29 837,061	527 881,031	17,692	17,229
37	58	93 902	28 756,974	498 043,970	17,319	16,855
38	59	93 400	27 702,967	469 286,996	16,940	16,476
39	60	92 852	26 673,344	441 584,029	16,555	16,092
40	61	92 250	25 666,435	414 910,684	16,165	15,702
41	62	91 619	24 688,381	389 244,249	15,766	15,303
42	63	90 942	23 734,487	364 555,868	15,360	14,896
43	64	90 208	22 802,011	340 821,382	14,947	14,483
44	65	89 404	21 887,434	318 019,370	14,530	14,066
45	66	88 529	20 990,879	296 131,936	14,108	13,644
46	67	87 576	20 111,360	275 141,057	13,681	13,217
47	68	86 537	19 247,340	255 029,697	13,250	12,787
48	69	85 440	18 405,208	235 782,357	12,811	12,347
49	70	84 251	17 577,627	217 377,149	12,367	11,903
50	71	82 962	16 763,999	199 799,521	11,918	11,455
51	72	81 563	15 962,558	183 035,523	11,467	11,003
52	73	80 078	15 178,504	167 072,965	11,007	10,544
53	74	78 489	14 409,074	151 894,461	10,542	10,078
54	75	76 762	13 648,367	137 485,387	10,073	9,610
55	76	74 878	12 894,430	123 837,020	9,604	9,140
56	77	72 794	12 140,868	110 942,591	9,138	8,674
57	78	70 529	11 392,835	98 801,723	8,672	8,209
58	79	68 030	10 643,294	87 408,888	8,213	7,749
59	80	65 235	9 884,750	76 765,594	7,766	7,302
60	81	62 149	9 120,747	66 880,844	7,333	6,869
61	82	58 814	8 359,629	57 760,097	6,909	6,446
62	83	55 239	7 604,415	49 400,469	6,496	6,033
63	84	51 400	6 853,149	41 796,053	6,099	5,635
64	85	47 318	6 110,350	34 942,905	5,719	5,255
65	86	43 041	5 383,052	28 832,555	5,356	4,893
66	87	38 612	4 677,085	23 449,503	5,014	4,550
67	88	34 137	4 004,936	18 772,418	4,687	4,224
68	89	29 675	3 371,837	14 767,482	4,380	3,916
69	90	25 308	2 785,079	11 395,645	4,092	3,628
70	91	21 119	2 250,940	8 610,566	3,825	3,362
71	92	17 191	1 774,612	6 359,626	3,584	3,120
72	93	13 626	1 362,327	4 585,014	3,366	2,902
73	94	10 494	1 016,135	3 222,688	3,172	2,708
74	95	7 799	731,406	2 206,553	3,017	2,553
75	96	5 675	515,524	1 475,147	2,861	2,398
76	97	4 005	352,331	959,622	2,724	2,260
77	98	2 786	237,412	607,292	2,558	2,094
78	99	1 857	153,274	369,880	2,413	1,950
79	100	1 186	94,787	216,606	2,285	1,822

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 649 317,069	26,640	26,176
1	23	99 081	95 961,972	2 549 866,474	26,572	26,108
2	24	99 032	92 895,898	2 453 904,502	26,416	25,952
3	25	99 000	89 942,527	2 361 008,604	26,250	25,787
4	26	98 969	87 083,950	2 271 066,076	26,079	25,615
5	27	98 938	84 316,618	2 183 982,126	25,902	25,439
6	28	98 907	81 637,053	2 099 665,508	25,720	25,256
7	29	98 872	79 039,447	2 018 028,455	25,532	25,068
8	30	98 838	76 525,269	1 938 989,008	25,338	24,874
9	31	98 801	74 088,439	1 862 463,739	25,138	24,675
10	32	98 761	71 727,685	1 788 375,300	24,933	24,469
11	33	98 720	69 440,463	1 716 647,615	24,721	24,258
12	34	98 676	67 224,736	1 647 207,152	24,503	24,039
13	35	98 629	65 078,138	1 579 982,417	24,278	23,815
14	36	98 580	62 998,280	1 514 904,279	24,047	23,583
15	37	98 522	60 979,311	1 451 905,999	23,810	23,346
16	38	98 462	59 023,812	1 390 926,688	23,566	23,102
17	39	98 379	57 117,724	1 331 902,876	23,319	22,855
18	40	98 291	55 270,665	1 274 785,152	23,064	22,601
19	41	98 187	53 474,072	1 219 514,487	22,806	22,342
20	42	98 071	51 729,750	1 166 040,416	22,541	22,077
21	43	97 946	50 037,314	1 114 310,665	22,270	21,806
22	44	97 814	48 397,024	1 064 273,351	21,990	21,527
23	45	97 670	46 804,699	1 015 876,327	21,705	21,241
24	46	97 517	45 260,227	969 071,628	21,411	20,947
25	47	97 346	43 758,749	923 811,401	21,111	20,648
26	48	97 159	42 300,237	880 052,652	20,805	20,341
27	49	96 958	40 883,839	837 752,415	20,491	20,027
28	50	96 731	39 504,354	796 868,576	20,172	19,708
29	51	96 491	38 165,807	757 364,222	19,844	19,380
30	52	96 223	36 861,696	719 198,415	19,511	19,047
31	53	95 931	35 593,226	682 336,719	19,170	18,707
32	54	95 603	34 354,974	646 743,493	18,825	18,362
33	55	95 249	33 150,203	612 388,519	18,473	18,010
34	56	94 866	31 977,629	579 238,317	18,114	17,650
35	57	94 446	30 834,139	547 260,687	17,749	17,285
36	58	93 986	29 717,944	516 426,549	17,378	16,914
37	59	93 488	28 630,140	486 708,605	17,000	16,536
38	60	92 949	27 569,162	458 078,465	16,616	16,152
39	61	92 351	26 529,548	430 509,304	16,228	15,764
40	62	91 734	25 522,828	403 979,756	15,828	15,365
41	63	91 062	24 538,359	378 456,928	15,423	14,959
42	64	90 343	23 578,209	353 918,569	15,010	14,547
43	65	89 551	22 635,845	330 340,360	14,594	14,130
44	66	88 688	21 712,068	307 704,515	14,172	13,708
45	67	87 755	20 807,515	285 992,446	13,745	13,281
46	68	86 727	19 916,392	265 184,931	13,315	12,851
47	69	85 653	19 050,733	245 268,539	12,874	12,411
48	70	84 486	18 199,582	226 217,806	12,430	11,966
49	71	83 224	17 363,470	208 018,224	11,980	11,517
50	72	81 851	16 539,523	190 654,755	11,527	11,064
51	73	80 388	15 732,548	174 115,232	11,067	10,604
52	74	78 838	14 943,499	158 382,684	10,599	10,135
53	75	77 146	14 162,558	143 439,185	10,128	9,664
54	76	75 298	13 388,126	129 276,627	9,656	9,192
55	77	73 244	12 612,995	115 888,501	9,188	8,724
56	78	71 014	11 844,001	103 275,507	8,720	8,256
57	79	68 547	11 072,693	91 431,506	8,257	7,794
58	80	65 790	10 292,881	80 358,812	7,807	7,344
59	81	62 729	9 505,097	70 065,931	7,371	6,908
60	82	59 411	8 718,863	60 560,834	6,946	6,482
61	83	55 853	7 938,792	51 841,971	6,530	6,067
62	84	52 031	7 162,736	43 903,179	6,129	5,666
63	85	47 945	6 392,474	36 740,443	5,747	5,284
64	86	43 664	5 638,501	30 347,969	5,382	4,919
65	87	39 214	4 904,457	24 709,468	5,038	4,575
66	88	34 705	4 203,811	19 805,011	4,711	4,248
67	89	30 218	3 545,069	15 601,200	4,401	3,937
68	90	25 790	2 930,402	12 056,131	4,114	3,651
69	91	21 564	2 373,063	9 125,729	3,846	3,382
70	92	17 585	1 874,279	6 752,666	3,603	3,139
71	93	13 967	1 441,768	4 878,387	3,384	2,920
72	94	10 775	1 077,330	3 436,619	3,190	2,726
73	95	8 026	777,168	2 359,289	3,036	2,572
74	96	5 857	549,262	1 582,121	2,880	2,417
75	97	4 146	376,598	1 032,859	2,743	2,279
76	98	2 895	254,715	656,261	2,576	2,113
77	99	1 937	165,065	401,546	2,433	1,969
78	100	1 243	102,613	236,481	2,305	1,841

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 635 721,005	26,507	26,044
1	24	99 059	95 941,150	2 536 287,620	26,436	25,972
2	25	99 015	92 880,146	2 440 346,470	26,274	25,811
3	26	98 982	89 925,757	2 347 466,324	26,104	25,641
4	27	98 950	87 067,006	2 257 540,568	25,929	25,465
5	28	98 916	84 298,201	2 170 473,561	25,748	25,284
6	29	98 882	81 616,693	2 086 175,360	25,561	25,097
7	30	98 847	79 018,993	2 004 558,667	25,368	24,904
8	31	98 809	76 502,546	1 925 539,674	25,170	24,706
9	32	98 769	74 064,791	1 849 037,129	24,965	24,502
10	33	98 727	71 702,792	1 774 972,338	24,755	24,291
11	34	98 684	69 415,739	1 703 269,546	24,537	24,074
12	35	98 637	67 198,443	1 633 853,807	24,314	23,850
13	36	98 590	65 051,945	1 566 655,364	24,083	23,620
14	37	98 534	62 968,744	1 501 603,419	23,847	23,383
15	38	98 477	60 951,247	1 438 634,676	23,603	23,139
16	39	98 404	58 989,244	1 377 683,429	23,355	22,891
17	40	98 320	57 083,699	1 318 694,185	23,101	22,637
18	41	98 225	55 233,153	1 261 610,486	22,842	22,378
19	42	98 112	53 433,279	1 206 377,334	22,577	22,114
20	43	97 990	51 686,824	1 152 944,055	22,306	21,843
21	44	97 858	49 992,284	1 101 257,231	22,029	21,565
22	45	97 714	48 347,657	1 051 264,947	21,744	21,280
23	46	97 561	46 752,654	1 002 917,289	21,452	20,988
24	47	97 393	45 202,759	956 164,635	21,153	20,689
25	48	97 206	43 696,019	910 961,876	20,848	20,384
26	49	97 004	42 232,575	867 265,858	20,535	20,072
27	50	96 782	40 809,780	825 033,283	20,217	19,753
28	51	96 541	39 426,504	784 223,503	19,891	19,427
29	52	96 278	38 081,507	744 796,999	19,558	19,094
30	53	95 986	36 771,190	706 715,492	19,219	18,756
31	54	95 669	35 495,944	669 944,302	18,874	18,410
32	55	95 315	34 251,578	634 448,358	18,523	18,060
33	56	94 933	33 040,363	600 196,780	18,166	17,702
34	57	94 522	31 861,906	567 156,417	17,800	17,337
35	58	94 069	30 711,040	535 294,511	17,430	16,966
36	59	93 571	29 586,871	504 583,471	17,054	16,591
37	60	93 036	28 491,856	474 996,600	16,671	16,208
38	61	92 448	27 420,536	446 504,744	16,284	15,820
39	62	91 834	26 381,112	419 084,208	15,886	15,422
40	63	91 177	25 367,735	392 703,096	15,480	15,017
41	64	90 463	24 376,788	367 335,360	15,069	14,605
42	65	89 684	23 406,386	342 958,572	14,652	14,189
43	66	88 833	22 454,483	319 552,186	14,231	13,767
44	67	87 913	21 522,404	297 097,703	13,804	13,340
45	68	86 904	20 605,799	275 575,299	13,374	12,910
46	69	85 841	19 712,950	254 969,500	12,934	12,470
47	70	84 696	18 837,894	235 256,550	12,488	12,025
48	71	83 457	17 977,847	216 418,655	12,038	11,574
49	72	82 110	17 130,966	198 440,808	11,584	11,120
50	73	80 672	16 301,199	181 309,842	11,122	10,659
51	74	79 144	15 488,965	165 008,642	10,653	10,190
52	75	77 489	14 687,839	149 519,677	10,180	9,716
53	76	75 675	13 892,513	134 831,838	9,705	9,242
54	77	73 654	13 095,916	120 939,326	9,235	8,771
55	78	71 453	12 304,583	107 843,410	8,764	8,301
56	79	69 018	11 511,182	95 538,827	8,300	7,836
57	80	66 290	10 708,144	84 027,645	7,847	7,383
58	81	63 263	9 897,553	73 319,501	7,408	6,944
59	82	59 965	9 086,278	63 421,948	6,980	6,516
60	83	56 420	8 279,942	54 335,670	6,562	6,099
61	84	52 609	7 477,692	46 055,729	6,159	5,695
62	85	48 533	6 681,251	38 578,037	5,774	5,310
63	86	44 243	5 898,838	31 896,786	5,407	4,944
64	87	39 782	5 137,195	25 997,948	5,061	4,597
65	88	35 246	4 408,175	20 860,753	4,732	4,269
66	89	30 720	3 721,108	16 452,578	4,421	3,958
67	90	26 261	3 080,955	12 731,470	4,132	3,669
68	91	21 975	2 496,887	9 650,515	3,865	3,401
69	92	17 955	1 975,967	7 153,627	3,620	3,157
70	93	14 287	1 522,742	5 177,661	3,400	2,937
71	94	11 045	1 140,153	3 654,919	3,206	2,742
72	95	8 241	823,972	2 514,766	3,052	2,588
73	96	6 027	583,627	1 690,794	2,897	2,433
74	97	4 278	401,243	1 107,167	2,759	2,296
75	98	2 997	272,259	705,924	2,593	2,129
76	99	2 013	177,096	433,664	2,449	1,985
77	100	1 297	110,507	256,568	2,322	1,858

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 621 565,623	26,371	25,907
1	25	99 042	95 924,881	2 522 153,813	26,293	25,829
2	26	98 997	92 862,827	2 426 228,932	26,127	25,663
3	27	98 962	89 908,260	2 333 366,105	25,953	25,489
4	28	98 928	87 047,988	2 243 457,845	25,773	25,309
5	29	98 892	84 277,177	2 156 409,857	25,587	25,123
6	30	98 857	81 595,572	2 072 132,680	25,395	24,932
7	31	98 817	78 995,530	1 990 537,107	25,198	24,734
8	32	98 777	76 478,126	1 911 541,578	24,995	24,531
9	33	98 735	74 039,087	1 835 063,451	24,785	24,321
10	34	98 692	71 677,263	1 761 024,364	24,569	24,105
11	35	98 646	69 388,589	1 689 347,102	24,346	23,883
12	36	98 597	67 171,397	1 619 958,513	24,117	23,653
13	37	98 543	65 021,446	1 552 787,116	23,881	23,418
14	38	98 489	62 939,764	1 487 765,670	23,638	23,174
15	39	98 419	60 915,550	1 424 825,907	23,390	22,927
16	40	98 346	58 954,104	1 363 910,357	23,135	22,671
17	41	98 254	57 044,956	1 304 956,253	22,876	22,412
18	42	98 150	55 191,018	1 247 911,297	22,611	22,147
19	43	98 031	53 388,939	1 192 720,279	22,340	21,877
20	44	97 902	51 640,310	1 139 331,340	22,063	21,599
21	45	97 758	49 941,290	1 087 691,030	21,779	21,316
22	46	97 605	48 293,897	1 037 749,741	21,488	21,025
23	47	97 437	46 693,291	989 455,844	21,191	20,727
24	48	97 253	45 137,959	942 762,553	20,886	20,423
25	49	97 051	43 626,123	897 624,594	20,575	20,112
26	50	96 828	42 156,073	853 998,470	20,258	19,794
27	51	96 592	40 729,358	811 842,398	19,933	19,469
28	52	96 327	39 339,419	771 113,040	19,602	19,138
29	53	96 041	37 988,005	731 773,621	19,263	18,800
30	54	95 724	36 670,689	693 785,616	18,919	18,456
31	55	95 381	35 389,114	657 114,927	18,568	18,105
32	56	94 999	34 138,089	621 725,812	18,212	17,748
33	57	94 589	32 920,794	587 587,723	17,849	17,385
34	58	94 145	31 734,704	554 666,929	17,478	17,015
35	59	93 654	30 575,588	522 932,225	17,103	16,639
36	60	93 119	29 443,966	492 356,637	16,722	16,258
37	61	92 535	28 338,256	462 912,671	16,335	15,872
38	62	91 931	27 267,115	434 574,415	15,938	15,474
39	63	91 276	26 220,804	407 307,300	15,534	15,070
40	64	90 576	25 200,704	381 086,497	15,122	14,658
41	65	89 803	24 199,146	355 885,793	14,707	14,243
42	66	88 966	23 218,851	331 686,647	14,285	13,822
43	67	88 057	22 258,334	308 467,796	13,859	13,395
44	68	87 061	21 313,757	286 209,463	13,428	12,965
45	69	86 017	20 395,315	264 895,705	12,988	12,524
46	70	84 882	19 492,713	244 500,390	12,543	12,080
47	71	83 665	18 608,382	225 007,677	12,092	11,628
48	72	82 339	17 737,117	206 399,295	11,637	11,173
49	73	80 927	16 884,121	188 662,178	11,174	10,710
50	74	79 423	16 048,812	171 778,057	10,703	10,240
51	75	77 790	15 223,973	155 729,245	10,229	9,766
52	76	76 012	14 407,778	140 505,271	9,752	9,288
53	77	74 024	13 589,293	126 097,493	9,279	8,816
54	78	71 853	12 775,696	112 508,200	8,806	8,343
55	79	69 445	11 958,822	99 732,504	8,340	7,876
56	80	66 746	11 132,196	87 773,682	7,885	7,421
57	81	63 744	10 296,866	76 641,486	7,443	6,980
58	82	60 476	9 461,441	66 344,621	7,012	6,548
59	83	56 946	8 628,861	56 883,180	6,592	6,129
60	84	53 143	7 799,027	48 254,319	6,187	5,724
61	85	49 073	6 975,034	40 455,292	5,800	5,336
62	86	44 786	6 165,316	33 480,258	5,430	4,967
63	87	40 309	5 374,386	27 314,942	5,082	4,619
64	88	35 757	4 617,362	21 940,556	4,752	4,288
65	89	31 199	3 902,006	17 323,194	4,440	3,976
66	90	26 698	3 233,948	13 421,188	4,150	3,686
67	91	22 376	2 625,168	10 187,240	3,881	3,417
68	92	18 298	2 079,071	7 562,072	3,637	3,174
69	93	14 588	1 605,358	5 483,001	3,415	2,952
70	94	11 298	1 204,187	3 877,644	3,220	2,757
71	95	8 447	872,020	2 673,457	3,066	2,602
72	96	6 189	618,775	1 801,437	2,911	2,448
73	97	4 403	426,348	1 182,662	2,774	2,310
74	98	3 093	290,077	756,314	2,607	2,144
75	99	2 084	189,294	466,237	2,463	1,999
76	100	1 348	118,561	276,943	2,336	1,872

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 606 842,301	26,227	25,763
1	26	99 024	95 906,995	2 507 447,348	26,145	25,681
2	27	98 978	92 844,759	2 411 540,353	25,974	25,510
3	28	98 941	89 888,621	2 318 695,594	25,795	25,332
4	29	98 903	87 026,279	2 228 806,973	25,611	25,147
5	30	98 866	84 255,368	2 141 780,694	25,420	24,956
6	31	98 828	81 571,344	2 057 525,326	25,224	24,760
7	32	98 786	78 970,315	1 975 953,982	25,021	24,558
8	33	98 743	76 451,585	1 896 983,668	24,813	24,349
9	34	98 700	74 012,725	1 820 532,083	24,598	24,134
10	35	98 653	71 649,228	1 746 519,357	24,376	23,912
11	36	98 606	69 360,661	1 674 870,129	24,147	23,684
12	37	98 551	67 139,904	1 605 509,468	23,913	23,449
13	38	98 498	64 991,521	1 538 369,564	23,670	23,207
14	39	98 431	62 902,902	1 473 378,043	23,423	22,959
15	40	98 360	60 879,262	1 410 475,140	23,168	22,705
16	41	98 279	58 914,092	1 349 595,878	22,908	22,444
17	42	98 179	57 001,439	1 290 681,786	22,643	22,179
18	43	98 068	55 145,219	1 233 680,347	22,371	21,908
19	44	97 943	53 340,893	1 178 535,128	22,094	21,631
20	45	97 802	51 587,634	1 125 194,235	21,811	21,348
21	46	97 649	49 885,757	1 073 606,601	21,521	21,058
22	47	97 481	48 232,576	1 023 720,843	21,225	20,761
23	48	97 298	46 626,354	975 488,267	20,921	20,458
24	49	97 098	45 065,757	928 861,913	20,611	20,148
25	50	96 875	43 547,097	883 796,155	20,295	19,832
26	51	96 637	42 072,997	840 249,058	19,971	19,508
27	52	96 378	40 639,396	798 176,061	19,640	19,177
28	53	96 091	39 242,829	757 536,666	19,304	18,840
29	54	95 779	37 884,179	718 293,837	18,960	18,497
30	55	95 436	36 560,324	680 409,658	18,611	18,147
31	56	95 065	35 271,856	643 849,334	18,254	17,790
32	57	94 656	34 014,548	608 577,478	17,892	17,428
33	58	94 212	32 789,365	574 562,930	17,523	17,059
34	59	93 730	31 594,737	541 773,565	17,148	16,684
35	60	93 202	30 427,907	510 178,829	16,767	16,303
36	61	92 617	29 285,233	479 750,922	16,382	15,918
37	62	92 017	28 179,700	450 465,688	15,985	15,522
38	63	91 372	27 101,423	422 285,988	15,582	15,118
39	64	90 675	26 048,155	395 184,566	15,171	14,708
40	65	89 916	25 017,057	369 136,410	14,755	14,292
41	66	89 084	24 005,259	344 119,353	14,335	13,872
42	67	88 189	23 016,024	320 114,095	13,908	13,445
43	68	87 204	22 042,552	297 098,071	13,478	13,015
44	69	86 171	21 096,042	275 055,518	13,038	12,575
45	70	85 056	20 167,454	253 959,476	12,593	12,129
46	71	83 848	19 255,223	233 792,022	12,142	11,678
47	72	82 544	18 359,209	214 536,798	11,686	11,222
48	73	81 153	17 481,537	196 177,589	11,222	10,758
49	74	79 674	16 622,708	178 696,052	10,750	10,286
50	75	78 064	15 774,242	162 073,344	10,275	9,811
51	76	76 306	14 933,690	146 299,101	9,797	9,333
52	77	74 353	14 093,313	131 365,412	9,321	8,857
53	78	72 214	13 257,010	117 272,099	8,846	8,382
54	79	69 834	12 416,696	104 015,089	8,377	7,913
55	80	67 159	11 565,098	91 598,393	7,920	7,457
56	81	64 182	10 704,631	80 033,295	7,477	7,013
57	82	60 935	9 843,159	69 328,665	7,043	6,580
58	83	57 431	8 985,138	59 485,505	6,620	6,157
59	84	53 639	8 127,680	50 500,368	6,213	5,750
60	85	49 570	7 274,769	42 372,688	5,825	5,361
61	86	45 283	6 436,413	35 097,919	5,453	4,989
62	87	40 804	5 617,172	28 661,506	5,102	4,639
63	88	36 230	4 830,552	23 044,334	4,771	4,307
64	89	31 651	4 087,173	18 213,782	4,456	3,993
65	90	27 115	3 391,163	14 126,609	4,166	3,702
66	91	22 748	2 755,527	10 735,447	3,896	3,432
67	92	18 632	2 185,886	7 979,919	3,651	3,187
68	93	14 866	1 689,124	5 794,034	3,430	2,967
69	94	11 536	1 269,519	4 104,910	3,233	2,770
70	95	8 641	920,995	2 835,391	3,079	2,615
71	96	6 344	654,858	1 914,396	2,923	2,460
72	97	4 521	452,024	1 259,538	2,786	2,323
73	98	3 183	308,226	807,513	2,620	2,156
74	99	2 150	201,682	499,287	2,476	2,012
75	100	1 395	126,727	297,606	2,348	1,885

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	96 508,805	2 732 934,556	28,318	27,854
2	1	99 313	93 159,231	2 636 425,752	28,300	27,837
3	2	99 275	90 191,942	2 543 266,520	28,198	27,735
4	3	99 250	87 331,323	2 453 074,579	28,089	27,626
5	4	99 227	84 562,509	2 365 743,256	27,976	27,513
6	5	99 208	81 885,571	2 281 180,746	27,858	27,395
7	6	99 191	79 293,887	2 199 295,175	27,736	27,272
8	7	99 176	76 786,433	2 120 001,288	27,609	27,145
9	8	99 163	74 359,702	2 043 214,855	27,477	27,014
10	9	99 149	72 008,832	1 968 855,153	27,342	26,878
11	10	99 135	69 732,334	1 896 846,321	27,202	26,738
12	11	99 120	67 527,337	1 827 113,986	27,057	26,594
13	12	99 105	65 391,783	1 759 586,649	26,908	26,445
14	13	99 087	63 322,380	1 694 194,866	26,755	26,291
15	14	99 067	61 316,518	1 630 872,486	26,598	26,134
16	15	99 042	59 371,301	1 569 555,968	26,436	25,973
17	16	99 004	57 480,468	1 510 184,667	26,273	25,809
18	17	98 961	55 646,979	1 452 704,199	26,106	25,642
19	18	98 908	53 866,831	1 397 057,220	25,935	25,472
20	19	98 847	52 138,860	1 343 190,389	25,762	25,298
21	20	98 783	50 465,181	1 291 051,529	25,583	25,119
22	21	98 721	48 845,785	1 240 586,348	25,398	24,934
23	22	98 660	47 279,101	1 191 740,563	25,206	24,743
24	23	98 598	45 761,948	1 144 461,463	25,009	24,545
25	24	98 528	44 290,462	1 098 699,515	24,807	24,343
26	25	98 464	42 868,422	1 054 409,052	24,596	24,133
27	26	98 399	41 491,642	1 011 540,631	24,379	23,916
28	27	98 328	40 156,589	970 048,989	24,157	23,693
29	28	98 256	38 864,056	929 892,400	23,927	23,463
30	29	98 175	37 609,797	891 028,344	23,691	23,228
31	30	98 093	36 395,547	853 418,546	23,448	22,985
32	31	97 997	35 215,201	817 022,999	23,201	22,737
33	32	97 897	34 071,961	781 807,798	22,946	22,482
34	33	97 793	32 964,601	747 735,838	22,683	22,219
35	34	97 680	31 889,907	714 771,236	22,414	21,950
36	35	97 555	30 846,620	682 881,330	22,138	21,674
37	36	97 429	29 837,139	652 034,710	21,853	21,389
38	37	97 292	28 857,342	622 197,571	21,561	21,098
39	38	97 145	27 906,818	593 340,229	21,261	20,798
40	39	96 983	26 983,085	565 433,410	20,955	20,491
41	40	96 803	26 085,348	538 450,325	20,642	20,178
42	41	96 609	25 213,672	512 364,978	20,321	19,857
43	42	96 392	24 365,034	487 151,306	19,994	19,530
44	43	96 154	23 539,900	462 786,272	19,660	19,196
45	44	95 895	22 737,517	439 246,372	19,318	18,855
46	45	95 601	21 954,373	416 508,854	18,972	18,508
47	46	95 286	21 193,267	394 554,482	18,617	18,153
48	47	94 929	20 449,146	373 361,215	18,258	17,794
49	48	94 529	19 722,001	352 912,069	17,894	17,431
50	49	94 081	19 010,645	333 190,068	17,527	17,063
51	50	93 580	18 314,242	314 179,423	17,155	16,691
52	51	93 035	17 634,459	295 865,181	16,778	16,314
53	52	92 418	16 966,240	278 230,722	16,399	15,935
54	53	91 732	16 310,113	261 264,483	16,019	15,555
55	54	90 971	15 665,732	244 954,370	15,636	15,173
56	55	90 140	15 033,952	229 288,638	15,251	14,788
57	56	89 227	14 413,357	214 254,686	14,865	14,401
58	57	88 234	13 804,269	199 841,329	14,477	14,013
59	58	87 140	13 203,980	186 037,059	14,089	13,626
60	59	85 953	12 614,178	172 833,079	13,701	13,238
61	60	84 679	12 036,033	160 218,901	13,312	12,848
62	61	83 297	11 466,930	148 182,868	12,923	12,459
63	62	81 827	10 909,921	136 715,938	12,531	12,068
64	63	80 267	10 365,056	125 806,017	12,138	11,674
65	64	78 600	9 830,317	115 440,960	11,743	11,280
66	65	76 828	9 306,265	105 610,644	11,348	10,885
67	66	74 967	8 794,967	96 304,378	10,950	10,486
68	67	72 978	8 292,121	87 509,411	10,553	10,090
69	68	70 918	7 804,502	79 217,290	10,150	9,687
70	69	68 746	7 327,245	71 412,788	9,746	9,283
71	70	66 455	6 860,102	64 085,543	9,342	8,878
72	71	64 044	6 403,133	57 225,441	8,937	8,473
73	72	61 534	5 958,548	50 822,308	8,529	8,066
74	73	58 931	5 526,890	44 863,760	8,117	7,654
75	74	56 225	5 107,097	39 336,869	7,702	7,239
76	75	53 382	4 696,261	34 229,772	7,289	6,825
77	76	50 393	4 293,762	29 533,511	6,878	6,415
78	77	47 260	3 900,022	25 239,749	6,472	6,008
79	78	43 972	3 514,501	21 339,728	6,072	5,608
80	79	40 502	3 135,280	17 825,226	5,685	5,222
81	80	36 874	2 764,574	14 689,947	5,314	4,850
82	81	33 099	2 403,409	11 925,373	4,962	4,498
83	82	29 275	2 058,810	9 521,964	4,625	4,161
84	83	25 443	1 733,040	7 463,154	4,306	3,843
85	84	21 681	1 430,294	5 730,114	4,006	3,543
86	85	18 049	1 153,228	4 299,821	3,729	3,265
87	86	14 656	906,974	3 146,593	3,469	3,006
88	87	11 578	693,892	2 239,618	3,228	2,764
89	88	8 871	514,928	1 545,727	3,002	2,538
90	89	6 577	369,743	1 030,798	2,788	2,324
91	90	4 689	255,341	661,055	2,589	2,125
92	91	3 187	168,068	405,715	2,414	1,950
93	92	2 059	105,147	237,647	2,260	1,797
94	93	1 265	62,563	132,500	2,118	1,654
95	94	727	34,812	69,938	2,009	1,545
96	95	397	18,414	35,126	1,908	1,444
97	96	205	9,206	16,712	1,815	1,352
98	97	99	4,312	7,506	1,741	1,277
99	98	46	1,927	3,194	1,657	1,193
100	99	20	0,799	1,267	1,586	1,122

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	93 445,535	2 640 137,257	28,253	27,790
3	1	99 297	90 212,786	2 546 691,721	28,230	27,766
4	2	99 262	87 341,724	2 456 478,935	28,125	27,661
5	3	99 238	84 572,585	2 369 137,211	28,013	27,549
6	4	99 217	81 893,018	2 284 564,626	27,897	27,433
7	5	99 198	79 299,834	2 202 671,609	27,776	27,313
8	6	99 182	76 791,488	2 123 371,774	27,651	27,188
9	7	99 168	74 363,368	2 046 580,286	27,521	27,058
10	8	99 155	72 013,291	1 972 216,918	27,387	26,923
11	9	99 141	69 736,847	1 900 203,628	27,248	26,785
12	10	99 126	67 531,339	1 830 466,781	27,105	26,642
13	11	99 112	65 396,654	1 762 935,442	26,958	26,494
14	12	99 095	63 327,390	1 697 538,788	26,806	26,342
15	13	99 075	61 321,774	1 634 211,398	26,650	26,186
16	14	99 052	59 377,532	1 572 889,624	26,490	26,026
17	15	99 016	57 487,660	1 513 512,092	26,328	25,864
18	16	98 975	55 654,832	1 456 024,432	26,162	25,698
19	17	98 923	53 874,719	1 400 369,600	25,993	25,529
20	18	98 867	52 149,480	1 346 494,881	25,820	25,356
21	19	98 802	50 474,924	1 294 345,401	25,643	25,180
22	20	98 739	48 854,831	1 243 870,477	25,461	24,997
23	21	98 676	47 286,929	1 195 015,646	25,272	24,808
24	22	98 615	45 769,869	1 147 728,717	25,076	24,612
25	23	98 550	44 300,074	1 101 958,848	24,875	24,411
26	24	98 481	42 875,692	1 057 658,774	24,668	24,204
27	25	98 418	41 499,380	1 014 783,081	24,453	23,989
28	26	98 347	40 164,404	973 283,702	24,232	23,769
29	27	98 278	38 872,547	933 119,298	24,005	23,541
30	28	98 200	37 619,179	894 246,751	23,771	23,307
31	29	98 119	36 404,968	856 627,572	23,531	23,067
32	30	98 026	35 225,661	820 222,603	23,285	22,821
33	31	97 928	34 082,840	784 996,942	23,032	22,568
34	32	97 827	32 976,046	750 914,103	22,772	22,308
35	33	97 715	31 901,265	717 938,057	22,505	22,041
36	34	97 593	30 858,689	686 036,792	22,232	21,768
37	35	97 468	29 849,153	655 178,103	21,950	21,486
38	36	97 338	28 870,879	625 328,951	21,660	21,196
39	37	97 190	27 919,668	596 458,072	21,363	20,900
40	38	97 039	26 998,897	568 538,405	21,058	20,594
41	39	96 861	26 100,896	541 539,508	20,748	20,284
42	40	96 675	25 230,796	515 438,612	20,429	19,965
43	41	96 465	24 383,635	490 207,815	20,104	19,640
44	42	96 234	23 559,450	465 824,180	19,772	19,309
45	43	95 981	22 757,998	442 264,730	19,433	18,970
46	44	95 699	21 976,790	419 506,732	19,089	18,625
47	45	95 392	21 216,859	397 529,943	18,737	18,273
48	46	95 050	20 475,144	376 313,084	18,379	17,915
49	47	94 664	19 750,314	355 837,940	18,017	17,553
50	48	94 231	19 041,102	336 087,626	17,651	17,187
51	49	93 750	18 347,477	317 046,523	17,280	16,816
52	50	93 218	17 669,279	298 699,046	16,905	16,441
53	51	92 623	17 003,797	281 029,767	16,527	16,064
54	52	91 958	16 350,257	264 025,969	16,148	15,684
55	53	91 221	15 708,666	247 675,712	15,767	15,303
56	54	90 412	15 079,336	231 967,046	15,383	14,919
57	55	89 524	14 461,273	216 887,710	14,998	14,534
58	56	88 555	13 854,407	202 426,437	14,611	14,147
59	57	87 489	13 256,905	188 572,030	14,224	13,761
60	58	86 334	12 670,060	175 315,125	13,837	13,373
61	59	85 090	12 094,449	162 645,065	13,448	12,984
62	60	83 749	11 529,084	150 550,615	13,058	12,595
63	61	82 287	10 971,306	139 021,532	12,671	12,208
64	62	80 757	10 428,426	128 050,225	12,279	11,815
65	63	79 121	9 895,473	117 621,799	11,886	11,423
66	64	77 392	9 374,581	107 726,326	11,491	11,028
67	65	75 572	8 866,003	98 351,745	11,093	10,630
68	66	73 621	8 365,194	89 485,742	10,697	10,234
69	67	71 613	7 880,903	81 120,548	10,293	9,830
70	68	69 455	7 402,863	73 239,645	9,893	9,430
71	69	67 205	6 937,611	65 836,782	9,490	9,026
72	70	64 834	6 482,108	58 899,171	9,086	8,623
73	71	62 369	6 039,418	52 417,063	8,679	8,216
74	72	59 793	5 607,693	46 377,645	8,270	7,807
75	73	57 109	5 187,412	40 769,951	7,859	7,396
76	74	54 311	4 778,006	35 582,539	7,447	6,984
77	75	51 373	4 377,224	30 804,533	7,037	6,574
78	76	48 314	3 987,043	26 427,309	6,628	6,165
79	77	45 074	3 602,591	22 440,265	6,229	5,765
80	78	41 673	3 225,929	18 837,674	5,839	5,376
81	79	38 130	2 858,691	15 611,745	5,461	4,998
82	80	34 421	2 499,407	12 753,054	5,102	4,639
83	81	30 624	2 153,708	10 253,647	4,761	4,297
84	82	26 792	1 824,908	8 099,940	4,439	3,975
85	83	23 018	1 518,490	6 275,031	4,132	3,669
86	84	19 350	1 236,336	4 756,541	3,847	3,384
87	85	15 883	982,873	3 520,205	3,582	3,118
88	86	12 707	761,604	2 537,332	3,332	2,868
89	87	9 869	572,900	1 775,728	3,100	2,636
90	88	7 430	417,706	1 202,828	2,880	2,416
91	89	5 396	293,805	785,122	2,672	2,209
92	90	3 740	197,248	491,317	2,491	2,027
93	91	2 472	126,278	294,069	2,329	1,865
94	92	1 557	77,006	167,792	2,179	1,715
95	93	919	44,021	90,786	2,062	1,599
96	94	519	24,076	46,765	1,942	1,479
97	95	273	12,259	22,689	1,851	1,387
98	96	136	5,902	10,430	1,767	1,303
99	97	63	2,666	4,528	1,698	1,235
100	98	28	1,149	1,861	1,621	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	90 490,035	2 550 126,869	28,181	27,718
4	1	99 285	87 361,909	2 459 636,835	28,155	27,691
5	2	99 250	84 582,657	2 372 274,925	28,047	27,583
6	3	99 229	81 902,775	2 287 692,268	27,932	27,468
7	4	99 207	79 307,046	2 205 789,493	27,813	27,350
8	5	99 190	76 797,247	2 126 482,447	27,690	27,226
9	6	99 174	74 368,263	2 049 685,200	27,561	27,098
10	7	99 160	72 016,841	1 975 316,936	27,429	26,965
11	8	99 147	69 741,165	1 903 300,096	27,291	26,827
12	9	99 132	67 535,709	1 833 558,931	27,149	26,686
13	10	99 118	65 400,530	1 766 023,223	27,003	26,540
14	11	99 103	63 332,107	1 700 622,693	26,852	26,389
15	12	99 083	61 326,626	1 637 290,586	26,698	26,234
16	13	99 060	59 382,622	1 575 963,960	26,539	26,076
17	14	99 026	57 493,693	1 516 581,338	26,378	25,915
18	15	98 987	55 661,796	1 459 087,644	26,213	25,750
19	16	98 937	53 882,322	1 403 425,849	26,046	25,583
20	17	98 881	52 157,117	1 349 543,527	25,875	25,411
21	18	98 822	50 485,205	1 297 386,410	25,698	25,235
22	19	98 758	48 864,263	1 246 901,205	25,518	25,054
23	20	98 694	47 295,687	1 198 036,942	25,331	24,867
24	21	98 631	45 777,447	1 150 741,256	25,138	24,674
25	22	98 567	44 307,742	1 104 963,808	24,938	24,475
26	23	98 502	42 884,998	1 060 656,066	24,733	24,269
27	24	98 434	41 506,418	1 017 771,069	24,521	24,057
28	25	98 366	40 171,894	976 264,651	24,302	23,839
29	26	98 297	38 880,112	936 092,756	24,076	23,613
30	27	98 221	37 627,398	897 212,644	23,845	23,381
31	28	98 143	36 414,050	859 585,246	23,606	23,142
32	29	98 051	35 234,779	823 171,196	23,362	22,899
33	30	97 957	34 092,963	787 936,418	23,111	22,648
34	31	97 859	32 986,575	753 843,455	22,853	22,389
35	32	97 749	31 912,340	720 856,880	22,589	22,125
36	33	97 628	30 869,680	688 944,540	22,318	21,854
37	34	97 507	29 860,832	658 074,860	22,038	21,574
38	35	97 377	28 882,503	628 214,028	21,751	21,287
39	36	97 236	27 932,764	599 331,525	21,456	20,993
40	37	97 084	27 011,328	571 398,761	21,154	20,690
41	38	96 918	26 116,191	544 387,433	20,845	20,381
42	39	96 732	25 245,835	518 271,242	20,529	20,065
43	40	96 531	24 400,195	493 025,406	20,206	19,742
44	41	96 307	23 577,436	468 625,211	19,876	19,412
45	42	96 061	22 776,898	445 047,775	19,539	19,076
46	43	95 785	21 996,585	422 270,876	19,197	18,733
47	44	95 490	21 238,523	400 274,291	18,847	18,383
48	45	95 155	20 497,937	379 035,768	18,491	18,028
49	46	94 785	19 775,424	358 537,831	18,130	17,667
50	47	94 367	19 068,438	338 762,408	17,766	17,302
51	48	93 900	18 376,873	319 693,970	17,397	16,933
52	49	93 388	17 701,344	301 317,097	17,022	16,559
53	50	92 806	17 037,372	283 615,753	16,647	16,183
54	51	92 161	16 386,451	266 578,381	16,268	15,805
55	52	91 445	15 747,330	250 191,929	15,888	15,424
56	53	90 660	15 120,663	234 444,599	15,505	15,041
57	54	89 794	14 504,928	219 323,936	15,121	14,657
58	55	88 849	13 900,465	204 819,009	14,735	14,271
59	56	87 807	13 305,055	190 918,544	14,349	13,886
60	57	86 680	12 720,846	177 613,489	13,962	13,499
61	58	85 467	12 148,029	164 892,644	13,574	13,110
62	59	84 155	11 585,040	152 744,615	13,185	12,721
63	60	82 733	11 030,774	141 159,575	12,797	12,333
64	61	81 212	10 487,102	130 128,802	12,408	11,945
65	62	79 604	9 955,972	119 641,699	12,017	11,553
66	63	77 905	9 436,716	109 685,728	11,623	11,160
67	64	76 127	8 931,087	100 249,011	11,225	10,761
68	65	74 215	8 432,759	91 317,924	10,829	10,365
69	66	72 244	7 950,352	82 885,165	10,425	9,962
70	67	70 135	7 475,332	74 934,813	10,024	9,561
71	68	67 899	7 009,208	67 459,481	9,624	9,161
72	69	65 566	6 555,346	60 450,273	9,222	8,758
73	70	63 138	6 113,907	53 894,927	8,815	8,352
74	71	60 604	5 683,801	47 781,019	8,407	7,943
75	72	57 944	5 263,252	42 097,218	7,998	7,535
76	73	55 166	4 853,146	36 833,966	7,590	7,126
77	74	52 267	4 453,415	31 980,820	7,181	6,718
78	75	49 253	4 064,544	27 527,405	6,773	6,309
79	76	46 080	3 682,976	23 462,861	6,371	5,907
80	77	42 718	3 306,786	19 779,884	5,982	5,518
81	78	39 232	2 941,344	16 473,098	5,601	5,137
82	79	35 593	2 584,497	13 531,754	5,236	4,772
83	80	31 847	2 239,731	10 947,258	4,888	4,424
84	81	28 027	1 909,025	8 707,527	4,561	4,098
85	82	24 238	1 598,986	6 798,502	4,252	3,788
86	83	20 543	1 312,572	5 199,516	3,961	3,498
87	84	17 028	1 053,704	3 886,944	3,689	3,225
88	85	13 771	825,338	2 833,239	3,433	2,969
89	86	10 833	628,806	2 007,901	3,193	2,730
90	87	8 266	464,732	1 379,096	2,968	2,504
91	88	6 096	331,917	914,364	2,755	2,291
92	89	4 304	226,961	582,446	2,566	2,103
93	90	2 902	148,202	355,485	2,399	1,935
94	91	1 869	92,481	207,283	2,241	1,778
95	92	1 131	54,184	114,802	2,119	1,655
96	93	656	30,445	60,618	1,991	1,527
97	94	357	16,028	30,173	1,882	1,419
98	95	181	7,860	14,145	1,800	1,336
99	96	87	3,650	6,285	1,722	1,258
100	97	39	1,589	2,635	1,659	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	87 630,397	2 462 812,888	28,105	27,641
5	1	99 273	84 602,205	2 375 182,491	28,075	27,611
6	2	99 241	81 912,529	2 290 580,286	27,964	27,500
7	3	99 219	79 316,495	2 208 667,757	27,846	27,383
8	4	99 199	76 804,231	2 129 351,261	27,724	27,261
9	5	99 182	74 373,841	2 052 547,030	27,598	27,134
10	6	99 166	72 021,582	1 978 173,189	27,466	27,003
11	7	99 152	69 744,603	1 906 151,607	27,330	26,867
12	8	99 138	67 539,890	1 836 407,005	27,190	26,726
13	9	99 124	65 404,762	1 768 867,115	27,045	26,581
14	10	99 108	63 335,860	1 703 462,353	26,896	26,432
15	11	99 091	61 331,194	1 640 126,493	26,742	26,279
16	12	99 068	59 387,321	1 578 795,299	26,585	26,121
17	13	99 035	57 498,622	1 519 407,978	26,425	25,961
18	14	98 997	55 667,637	1 461 909,356	26,261	25,798
19	15	98 949	53 889,063	1 406 241,719	26,095	25,631
20	16	98 895	52 164,477	1 352 352,656	25,925	25,461
21	17	98 837	50 492,598	1 300 188,178	25,750	25,286
22	18	98 778	48 874,216	1 249 695,580	25,570	25,106
23	19	98 714	47 304,818	1 200 821,365	25,385	24,921
24	20	98 649	45 785,926	1 153 516,547	25,194	24,730
25	21	98 583	44 315,078	1 107 730,621	24,997	24,533
26	22	98 519	42 892,420	1 063 415,543	24,793	24,329
27	23	98 456	41 515,426	1 020 523,123	24,582	24,118
28	24	98 382	40 178,707	979 007,696	24,366	23,903
29	25	98 315	38 887,363	938 828,989	24,142	23,679
30	26	98 240	37 634,721	899 941,626	23,913	23,449
31	27	98 165	36 422,005	862 306,905	23,675	23,212
32	28	98 076	35 243,568	825 884,900	23,434	22,970
33	29	97 983	34 101,788	790 641,332	23,185	22,721
34	30	97 888	32 996,373	756 539,544	22,928	22,464
35	31	97 780	31 922,529	723 543,171	22,666	22,202
36	32	97 662	30 880,397	691 620,642	22,397	21,933
37	33	97 541	29 871,467	660 740,245	22,119	21,656
38	34	97 415	28 893,804	630 868,777	21,834	21,370
39	35	97 275	27 944,011	601 974,973	21,542	21,079
40	36	97 130	27 023,998	574 030,963	21,242	20,778
41	37	96 962	26 128,216	547 006,964	20,935	20,472
42	38	96 789	25 260,629	520 878,748	20,620	20,157
43	39	96 588	24 414,739	495 618,119	20,300	19,836
44	40	96 373	23 593,449	471 203,380	19,972	19,508
45	41	96 134	22 794,287	447 609,930	19,637	19,173
46	42	95 865	22 014,853	424 815,643	19,297	18,833
47	43	95 576	21 257,654	402 800,790	18,949	18,485
48	44	95 252	20 518,867	381 543,136	18,595	18,131
49	45	94 890	19 797,437	361 024,269	18,236	17,772
50	46	94 487	19 092,680	341 226,832	17,872	17,409
51	47	94 035	18 403,254	322 134,151	17,504	17,041
52	48	93 537	17 729,704	303 730,897	17,131	16,668
53	49	92 974	17 068,291	286 001,193	16,756	16,293
54	50	92 343	16 418,807	268 932,902	16,380	15,916
55	51	91 647	15 782,190	252 514,095	16,000	15,536
56	52	90 883	15 157,880	236 731,905	15,618	15,154
57	53	90 040	14 544,680	221 574,025	15,234	14,770
58	54	89 117	13 942,426	207 029,345	14,849	14,385
59	55	88 099	13 349,286	193 086,919	14,464	14,001
60	56	86 995	12 767,048	179 737,633	14,078	13,615
61	57	85 810	12 196,722	166 970,585	13,690	13,226
62	58	84 528	11 636,362	154 773,863	13,301	12,837
63	59	83 135	11 084,311	143 137,501	12,914	12,450
64	60	81 652	10 543,945	132 053,190	12,524	12,060
65	61	80 052	10 011,990	121 509,245	12,136	11,673
66	62	78 381	9 494,411	111 497,255	11,743	11,280
67	63	76 632	8 990,283	102 002,844	11,346	10,882
68	64	74 760	8 494,663	93 012,562	10,950	10,486
69	65	72 827	8 014,566	84 517,899	10,546	10,082
70	66	70 753	7 541,208	76 503,333	10,145	9,681
71	67	68 564	7 077,823	68 962,125	9,743	9,280
72	68	66 243	6 622,998	61 884,301	9,344	8,880
73	69	63 852	6 182,985	55 261,303	8,938	8,474
74	70	61 352	5 753,904	49 078,318	8,530	8,066
75	71	58 730	5 334,686	43 324,414	8,121	7,658
76	72	55 972	4 924,099	37 989,728	7,715	7,251
77	73	53 089	4 523,451	33 065,630	7,310	6,846
78	74	50 111	4 135,293	28 542,179	6,902	6,438
79	75	46 976	3 754,566	24 406,886	6,501	6,037
80	76	43 671	3 380,571	20 652,320	6,109	5,645
81	77	40 215	3 015,068	17 271,749	5,728	5,265
82	78	36 622	2 659,221	14 256,681	5,361	4,898
83	79	32 931	2 315,981	11 597,460	5,008	4,544
84	80	29 146	1 985,275	9 281,479	4,675	4,212
85	81	25 355	1 672,689	7 296,204	4,362	3,898
86	82	21 632	1 382,152	5 623,515	4,069	3,605
87	83	18 078	1 118,679	4 241,363	3,791	3,328
88	84	14 763	884,816	3 122,684	3,529	3,066
89	85	11 739	681,426	2 237,868	3,284	2,820
90	86	9 073	510,082	1 556,441	3,051	2,588
91	87	6 782	369,285	1 046,359	2,833	2,370
92	88	4 862	256,403	677,073	2,641	2,177
93	89	3 339	170,527	420,671	2,467	2,003
94	90	2 194	108,538	250,143	2,305	1,841
95	91	1 358	65,073	141,606	2,176	1,712
96	92	808	37,473	76,533	2,042	1,579
97	93	451	20,269	39,060	1,927	1,463
98	94	236	10,277	18,791	1,829	1,365
99	95	115	4,860	8,515	1,752	1,288
100	96	53	2,175	3,655	1,681	1,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	84 862,211	2 378 116,512	28,023	27,560
6	1	99 264	81 931,460	2 293 254,301	27,990	27,526
7	2	99 231	79 325,942	2 211 322,841	27,876	27,413
8	3	99 210	76 813,382	2 131 996,899	27,756	27,292
9	4	99 191	74 380,605	2 055 183,517	27,631	27,167
10	5	99 174	72 026,983	1 980 802,912	27,501	27,037
11	6	99 158	69 749,194	1 908 775,929	27,366	26,903
12	7	99 143	67 543,220	1 839 026,735	27,227	26,764
13	8	99 130	65 408,811	1 771 483,515	27,083	26,620
14	9	99 115	63 339,958	1 706 074,704	26,935	26,472
15	10	99 096	61 334,828	1 642 734,745	26,783	26,319
16	11	99 076	59 391,744	1 581 399,917	26,627	26,163
17	12	99 043	57 503,171	1 522 008,173	26,468	26,005
18	13	99 006	55 672,410	1 464 505,001	26,306	25,842
19	14	98 959	53 894,719	1 408 832,592	26,140	25,677
20	15	98 908	52 171,004	1 354 937,873	25,971	25,507
21	16	98 851	50 499,724	1 302 766,869	25,798	25,334
22	17	98 793	48 881,373	1 252 267,145	25,618	25,155
23	18	98 734	47 314,453	1 203 385,772	25,434	24,970
24	19	98 668	45 794,765	1 156 071,319	25,245	24,781
25	20	98 601	44 323,286	1 110 276,554	25,050	24,586
26	21	98 536	42 899,522	1 065 953,269	24,848	24,384
27	22	98 473	41 522,612	1 023 053,746	24,638	24,175
28	23	98 404	40 187,427	981 531,135	24,424	23,960
29	24	98 332	38 893,958	941 343,707	24,203	23,739
30	25	98 259	37 641,740	902 449,749	23,975	23,511
31	26	98 184	36 429,093	864 808,009	23,739	23,276
32	27	98 097	35 251,268	828 378,916	23,499	23,036
33	28	98 007	34 110,295	793 127,648	23,252	22,788
34	29	97 913	33 004,914	759 017,353	22,997	22,533
35	30	97 809	31 932,011	726 012,439	22,736	22,273
36	31	97 693	30 890,257	694 080,428	22,469	22,006
37	32	97 575	29 881,838	663 190,171	22,194	21,730
38	33	97 450	28 904,095	633 308,334	21,911	21,447
39	34	97 313	27 954,944	604 404,238	21,621	21,157
40	35	97 169	27 034,879	576 449,294	21,322	20,859
41	36	97 008	26 140,472	549 414,414	21,018	20,554
42	37	96 834	25 272,260	523 273,942	20,705	20,242
43	38	96 645	24 429,046	498 001,682	20,386	19,922
44	39	96 430	23 607,512	473 572,636	20,060	19,597
45	40	96 200	22 809,768	449 965,123	19,727	19,263
46	41	95 938	22 031,660	427 155,355	19,388	18,925
47	42	95 655	21 275,308	405 123,695	19,042	18,578
48	43	95 338	20 537,349	383 848,387	18,690	18,227
49	44	94 987	19 817,652	363 311,038	18,333	17,869
50	45	94 592	19 113,934	343 493,386	17,971	17,507
51	46	94 154	18 426,651	324 379,451	17,604	17,140
52	47	93 672	17 755,157	305 952,800	17,232	16,768
53	48	93 123	17 095,636	288 197,643	16,858	16,394
54	49	92 511	16 448,603	271 102,007	16,482	16,018
55	50	91 828	15 813,352	254 653,403	16,104	15,640
56	51	91 084	15 191,434	238 840,051	15,722	15,258
57	52	90 262	14 580,480	223 648,616	15,339	14,875
58	53	89 362	13 980,637	209 068,137	14,954	14,490
59	54	88 365	13 389,584	195 087,499	14,570	14,106
60	55	87 284	12 809,491	181 697,916	14,185	13,721
61	56	86 121	12 241,021	168 888,425	13,797	13,333
62	57	84 867	11 683,004	156 647,404	13,408	12,945
63	58	83 503	11 133,415	144 964,400	13,021	12,557
64	59	82 048	10 595,120	133 830,985	12,631	12,168
65	60	80 486	10 066,257	123 235,865	12,242	11,779
66	61	78 822	9 547,832	113 169,608	11,853	11,389
67	62	77 100	9 045,247	103 621,776	11,456	10,992
68	63	75 256	8 550,966	94 576,529	11,060	10,597
69	64	73 362	8 073,400	86 025,563	10,655	10,192
70	65	71 325	7 602,117	77 952,163	10,254	9,790
71	66	69 168	7 140,196	70 350,046	9,853	9,389
72	67	66 891	6 687,833	63 209,850	9,451	8,988
73	68	64 511	6 246,794	56 522,017	9,048	8,585
74	69	62 045	5 818,914	50 275,222	8,640	8,176
75	70	59 455	5 400,483	44 456,308	8,232	7,768
76	71	56 732	4 990,929	39 055,825	7,825	7,362
77	72	53 865	4 589,584	34 064,897	7,422	6,959
78	73	50 899	4 200,325	29 475,313	7,017	6,554
79	74	47 794	3 819,919	25 274,988	6,617	6,153
80	75	44 520	3 446,283	21 455,069	6,226	5,762
81	76	41 113	3 082,343	18 008,786	5,843	5,379
82	77	37 540	2 725,874	14 926,442	5,476	5,012
83	78	33 884	2 382,942	12 200,568	5,120	4,656
84	79	30 139	2 052,862	9 817,626	4,782	4,319
85	80	26 368	1 739,499	7 764,764	4,464	4,000
86	81	22 629	1 445,860	6 025,264	4,167	3,704
87	82	19 036	1 177,980	4 579,404	3,888	3,424
88	83	15 673	939,377	3 401,424	3,621	3,157
89	84	12 585	730,534	2 462,047	3,370	2,907
90	85	9 832	552,768	1 731,513	3,132	2,669
91	86	7 444	405,322	1 178,745	2,908	2,445
92	87	5 409	285,269	773,424	2,711	2,248
93	88	3 772	192,648	488,154	2,534	2,070
94	89	2 525	124,888	295,506	2,366	1,903
95	90	1 594	76,371	170,618	2,234	1,770
96	91	970	45,004	94,248	2,094	1,631
97	92	555	24,948	49,244	1,974	1,510
98	93	299	12,995	24,296	1,870	1,406
99	94	151	6,354	11,301	1,779	1,315
100	95	71	2,896	4,947	1,708	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	82 183,258	2 295 962,992	27,937	27,473
7	1	99 254	79 344,275	2 213 779,734	27,901	27,437
8	2	99 222	76 822,530	2 134 435,459	27,784	27,320
9	3	99 202	74 389,467	2 057 612,929	27,660	27,196
10	4	99 183	72 033,533	1 983 223,462	27,532	27,068
11	5	99 166	69 754,425	1 911 189,928	27,399	26,935
12	6	99 150	67 547,666	1 841 435,503	27,261	26,798
13	7	99 135	65 412,036	1 773 887,837	27,119	26,655
14	8	99 121	63 343,880	1 708 475,801	26,971	26,508
15	9	99 103	61 338,797	1 645 131,921	26,820	26,357
16	10	99 082	59 395,264	1 583 793,123	26,665	26,202
17	11	99 050	57 507,455	1 524 397,860	26,508	26,044
18	12	99 014	55 676,814	1 466 890,405	26,347	25,883
19	13	98 968	53 899,339	1 411 213,591	26,182	25,719
20	14	98 918	52 176,479	1 357 314,251	26,014	25,550
21	15	98 863	50 506,042	1 305 137,772	25,841	25,378
22	16	98 807	48 888,271	1 254 631,730	25,663	25,200
23	17	98 748	47 321,382	1 205 743,459	25,480	25,016
24	18	98 688	45 804,093	1 158 422,077	25,291	24,827
25	19	98 621	44 331,843	1 112 617,985	25,097	24,634
26	20	98 554	42 907,467	1 068 286,142	24,897	24,434
27	21	98 489	41 529,487	1 025 378,675	24,690	24,227
28	22	98 421	40 194,383	983 849,187	24,477	24,014
29	23	98 353	38 902,399	943 654,804	24,257	23,793
30	24	98 275	37 648,124	904 752,405	24,032	23,568
31	25	98 202	36 435,887	867 104,281	23,798	23,334
32	26	98 116	35 258,129	830 668,394	23,560	23,096
33	27	98 028	34 117,747	795 410,266	23,314	22,850
34	28	97 937	33 013,147	761 292,519	23,060	22,597
35	29	97 834	31 940,277	728 279,372	22,801	22,338
36	30	97 722	30 899,432	696 339,095	22,536	22,072
37	31	97 606	29 891,379	665 439,663	22,262	21,798
38	32	97 484	28 914,130	635 548,284	21,981	21,517
39	33	97 348	27 964,901	606 634,154	21,693	21,229
40	34	97 207	27 045,457	578 669,253	21,396	20,933
41	35	97 047	26 150,997	551 623,796	21,094	20,630
42	36	96 879	25 284,115	525 472,798	20,783	20,319
43	37	96 689	24 440,294	500 188,684	20,466	20,002
44	38	96 487	23 621,346	475 748,389	20,141	19,677
45	39	96 257	22 823,364	452 127,043	19,810	19,346
46	40	96 003	22 046,623	429 303,679	19,473	19,009
47	41	95 728	21 291,551	407 257,055	19,128	18,664
48	42	95 417	20 554,405	385 965,505	18,778	18,314
49	43	95 073	19 835,503	365 411,099	18,422	17,958
50	44	94 688	19 133,451	345 575,597	18,061	17,598
51	45	94 259	18 447,164	326 442,145	17,696	17,232
52	46	93 791	17 777,730	307 994,982	17,325	16,861
53	47	93 257	17 120,179	290 217,252	16,952	16,488
54	48	92 659	16 474,956	273 097,073	16,576	16,113
55	49	91 995	15 842,049	256 622,117	16,199	15,735
56	50	91 264	15 221,431	240 780,067	15,818	15,355
57	51	90 462	14 612,756	225 558,636	15,436	14,972
58	52	89 581	14 015,048	210 945,880	15,051	14,588
59	53	88 607	13 426,280	196 930,832	14,668	14,204
60	54	87 548	12 848,159	183 504,552	14,283	13,819
61	55	86 408	12 281,715	170 656,393	13,895	13,432
62	56	85 175	11 725,437	158 374,678	13,507	13,043
63	57	83 838	11 178,041	146 649,241	13,119	12,656
64	58	82 412	10 642,057	135 471,200	12,730	12,266
65	59	80 877	10 115,113	124 829,143	12,341	11,877
66	60	79 249	9 599,583	114 714,030	11,950	11,486
67	61	77 534	9 096,141	105 114,447	11,556	11,092
68	62	75 716	8 603,245	96 018,305	11,161	10,697
69	63	73 848	8 126,911	87 415,061	10,756	10,293
70	64	71 848	7 657,923	79 288,150	10,354	9,890
71	65	69 727	7 197,866	71 630,227	9,952	9,488
72	66	67 481	6 746,769	64 432,360	9,550	9,086
73	67	65 142	6 307,946	57 685,591	9,145	8,681
74	68	62 685	5 878,967	51 377,645	8,739	8,276
75	69	60 127	5 461,499	45 498,678	8,331	7,867
76	70	57 431	5 052,486	40 037,179	7,924	7,461
77	71	54 596	4 651,874	34 984,693	7,521	7,057
78	72	51 643	4 261,734	30 332,819	7,117	6,654
79	73	48 545	3 879,992	26 071,085	6,719	6,256
80	74	45 295	3 506,270	22 191,093	6,329	5,865
81	75	41 912	3 142,258	18 684,823	5,946	5,483
82	76	38 377	2 786,697	15 542,565	5,577	5,114
83	77	34 733	2 442,670	12 755,868	5,222	4,758
84	78	31 010	2 112,216	10 313,198	4,883	4,419
85	79	27 266	1 798,719	8 200,982	4,559	4,096
86	80	23 533	1 503,611	6 402,263	4,258	3,794
87	81	19 913	1 232,278	4 898,652	3,975	3,512
88	82	16 504	989,174	3 666,374	3,707	3,243
89	83	13 361	775,581	2 677,200	3,452	2,988
90	84	10 541	592,603	1 901,620	3,209	2,745
91	85	8 067	439,240	1 309,017	2,980	2,517
92	86	5 937	313,107	869,776	2,778	2,314
93	87	4 196	214,337	556,669	2,597	2,134
94	88	2 852	141,089	342,333	2,426	1,963
95	89	1 834	87,875	201,244	2,290	1,826
96	90	1 138	52,817	113,369	2,146	1,683
97	91	667	29,961	60,552	2,021	1,557
98	92	367	15,995	30,590	1,912	1,449
99	93	191	8,035	14,595	1,816	1,353
100	94	93	3,787	6,560	1,732	1,269

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	79 588,121	2 216 279,281	27,847	27,383
8	1	99 245	76 840,285	2 136 691,160	27,807	27,343
9	2	99 214	74 398,326	2 059 850,875	27,687	27,223
10	3	99 194	72 042,116	1 985 452,549	27,560	27,096
11	4	99 175	69 760,769	1 913 410,432	27,428	26,965
12	5	99 157	67 552,732	1 843 649,664	27,292	26,828
13	6	99 142	65 416,342	1 776 096,932	27,151	26,687
14	7	99 126	63 347,003	1 710 680,590	27,005	26,541
15	8	99 109	61 342,595	1 647 333,587	26,855	26,391
16	9	99 088	59 399,107	1 585 990,991	26,701	26,237
17	10	99 056	57 510,863	1 526 591,884	26,544	26,081
18	11	99 021	55 680,962	1 469 081,022	26,384	25,920
19	12	98 976	53 903,604	1 413 400,060	26,221	25,757
20	13	98 927	52 180,952	1 359 496,456	26,054	25,590
21	14	98 874	50 511,342	1 307 315,504	25,882	25,418
22	15	98 819	48 894,388	1 256 804,162	25,704	25,241
23	16	98 762	47 328,060	1 207 909,774	25,522	25,058
24	17	98 703	45 810,800	1 160 581,714	25,334	24,871
25	18	98 641	44 340,872	1 114 770,914	25,141	24,677
26	19	98 573	42 915,751	1 070 430,041	24,943	24,479
27	20	98 507	41 537,179	1 027 514,290	24,737	24,274
28	21	98 437	40 201,038	985 977,111	24,526	24,063
29	22	98 370	38 909,133	945 776,073	24,307	23,844
30	23	98 297	37 656,294	906 866,940	24,083	23,619
31	24	98 219	36 442,067	869 210,646	23,852	23,388
32	25	98 135	35 264,704	832 768,579	23,615	23,151
33	26	98 048	34 124,387	797 503,875	23,370	22,907
34	27	97 959	33 020,360	763 379,489	23,118	22,655
35	28	97 859	31 948,244	730 359,129	22,861	22,397
36	29	97 747	30 907,430	698 410,885	22,597	22,133
37	30	97 635	29 900,257	667 503,454	22,324	21,861
38	31	97 515	28 923,362	637 603,197	22,045	21,581
39	32	97 381	27 974,610	608 679,835	21,758	21,295
40	33	97 241	27 055,090	580 705,225	21,464	21,000
41	34	97 085	26 161,229	553 650,135	21,163	20,699
42	35	96 918	25 294,295	527 488,906	20,854	20,390
43	36	96 735	24 451,759	502 194,611	20,538	20,075
44	37	96 531	23 632,223	477 742,852	20,216	19,752
45	38	96 313	22 836,739	454 110,629	19,885	19,421
46	39	96 060	22 059,765	431 273,891	19,550	19,087
47	40	95 793	21 306,011	409 214,126	19,207	18,743
48	41	95 490	20 570,097	387 908,115	18,858	18,394
49	42	95 152	19 851,976	367 338,018	18,504	18,040
50	43	94 774	19 150,685	347 486,042	18,145	17,681
51	44	94 355	18 466,000	328 335,356	17,781	17,317
52	45	93 895	17 797,520	309 869,357	17,411	16,947
53	46	93 376	17 141,945	292 071,837	17,038	16,575
54	47	92 792	16 498,608	274 929,892	16,664	16,200
55	48	92 142	15 867,431	258 431,284	16,287	15,823
56	49	91 429	15 249,054	242 563,854	15,907	15,443
57	50	90 640	14 641,610	227 314,800	15,525	15,062
58	51	89 780	14 046,073	212 673,190	15,141	14,677
59	52	88 825	13 459,326	198 627,117	14,758	14,294
60	53	87 788	12 883,371	185 167,791	14,373	13,909
61	54	86 669	12 318,790	172 284,419	13,985	13,522
62	55	85 458	11 764,417	159 965,630	13,597	13,134
63	56	84 142	11 218,640	148 201,212	13,210	12,747
64	57	82 742	10 684,713	136 982,572	12,820	12,357
65	58	81 235	10 159,924	126 297,859	12,431	11,967
66	59	79 634	9 646,174	116 137,935	12,040	11,576
67	60	77 954	9 145,444	106 491,760	11,644	11,181
68	61	76 142	8 651,652	97 346,316	11,252	10,788
69	62	74 300	8 176,597	88 694,665	10,847	10,384
70	63	72 324	7 708,681	80 518,067	10,445	9,981
71	64	70 238	7 250,705	72 809,387	10,042	9,578
72	65	68 026	6 801,262	65 558,682	9,639	9,176
73	66	65 716	6 363,534	58 757,420	9,233	8,770
74	67	63 299	5 936,518	52 393,886	8,826	8,362
75	68	60 747	5 517,863	46 457,368	8,419	7,956
76	69	58 080	5 109,571	40 939,505	8,012	7,549
77	70	55 270	4 709,249	35 829,934	7,608	7,145
78	71	52 344	4 319,575	31 120,685	7,205	6,741
79	72	49 255	3 936,718	26 801,110	6,808	6,344
80	73	46 007	3 561,410	22 864,393	6,420	5,956
81	74	42 641	3 196,953	19 302,983	6,038	5,574
82	75	39 123	2 840,865	16 106,029	5,669	5,206
83	76	35 508	2 497,173	13 265,164	5,312	4,848
84	77	31 787	2 165,158	10 767,991	4,973	4,510
85	78	28 054	1 850,725	8 602,832	4,648	4,185
86	79	24 334	1 554,800	6 752,107	4,343	3,879
87	80	20 709	1 281,497	5 197,307	4,056	3,592
88	81	17 265	1 034,768	3 915,810	3,784	3,321
89	82	14 069	816,694	2 881,042	3,528	3,064
90	83	11 191	629,145	2 064,347	3,281	2,818
91	84	8 648	470,894	1 435,202	3,048	2,584
92	85	6 434	339,309	964,308	2,842	2,378
93	86	4 606	235,253	624,999	2,657	2,193
94	87	3 173	156,973	389,747	2,483	2,019
95	88	2 072	99,274	232,774	2,345	1,881
96	89	1 310	60,774	133,500	2,197	1,733
97	90	782	35,163	72,726	2,068	1,605
98	91	441	19,210	37,563	1,955	1,492
99	92	235	9,890	18,353	1,856	1,392
100	93	117	4,788	8,463	1,768	1,304

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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8	0	99 550	77 076,436	2 138 997,108	27,752	27,288
9	1	99 237	74 415,521	2 061 920,672	27,708	27,245
10	2	99 206	72 050,696	1 987 505,152	27,585	27,121
11	3	99 187	69 769,081	1 915 454,456	27,454	26,991
12	4	99 166	67 558,875	1 845 685,375	27,320	26,856
13	5	99 149	65 421,248	1 778 126,500	27,180	26,716
14	6	99 132	63 351,173	1 712 705,251	27,035	26,571
15	7	99 114	61 345,619	1 649 354,078	26,886	26,423
16	8	99 094	59 402,785	1 588 008,459	26,733	26,269
17	9	99 062	57 514,584	1 528 605,674	26,578	26,114
18	10	99 027	55 684,261	1 471 091,090	26,418	25,955
19	11	98 983	53 907,619	1 415 406,829	26,256	25,793
20	12	98 934	52 185,081	1 361 499,210	26,090	25,626
21	13	98 882	50 515,673	1 309 314,129	25,919	25,455
22	14	98 829	48 899,519	1 258 798,456	25,743	25,279
23	15	98 774	47 333,981	1 209 898,937	25,561	25,097
24	16	98 717	45 817,265	1 162 564,956	25,374	24,910
25	17	98 655	44 347,366	1 116 747,691	25,182	24,718
26	18	98 593	42 924,492	1 072 400,325	24,983	24,520
27	19	98 526	41 545,198	1 029 475,832	24,780	24,316
28	20	98 455	40 208,484	987 930,635	24,570	24,107
29	21	98 386	38 915,575	947 722,151	24,353	23,890
30	22	98 314	37 662,812	908 806,575	24,130	23,666
31	23	98 240	36 449,976	871 143,764	23,900	23,436
32	24	98 151	35 270,685	834 693,788	23,665	23,202
33	25	98 066	34 130,751	799 423,103	23,422	22,959
34	26	97 978	33 026,786	765 292,352	23,172	22,708
35	27	97 880	31 955,224	732 265,567	22,915	22,452
36	28	97 772	30 915,140	700 310,342	22,653	22,189
37	29	97 661	29 907,997	669 395,202	22,382	21,918
38	30	97 544	28 931,953	639 487,205	22,103	21,640
39	31	97 413	27 983,542	610 555,252	21,818	21,355
40	32	97 275	27 064,483	582 571,710	21,525	21,062
41	33	97 119	26 170,547	555 507,227	21,226	20,763
42	34	96 956	25 304,192	529 336,680	20,919	20,455
43	35	96 774	24 461,604	504 032,488	20,605	20,141
44	36	96 576	23 643,308	479 570,884	20,284	19,820
45	37	96 358	22 847,254	455 927,576	19,955	19,492
46	38	96 117	22 072,692	433 080,323	19,621	19,157
47	39	95 850	21 318,711	411 007,631	19,279	18,816
48	40	95 555	20 584,068	389 688,921	18,932	18,468
49	41	95 224	19 867,132	369 104,853	18,579	18,115
50	42	94 852	19 166,590	349 237,721	18,221	17,758
51	43	94 440	18 482,633	330 071,131	17,858	17,395
52	44	93 991	17 815,693	311 588,498	17,490	17,026
53	45	93 480	17 161,027	293 772,805	17,119	16,655
54	46	92 910	16 519,583	276 611,778	16,744	16,281
55	47	92 275	15 890,210	260 092,195	16,368	15,904
56	48	91 576	15 273,485	244 201,985	15,989	15,525
57	49	90 805	14 668,181	228 928,501	15,607	15,144
58	50	89 957	14 073,808	214 260,320	15,224	14,760
59	51	89 022	13 489,121	200 186,512	14,841	14,377
60	52	88 004	12 915,082	186 697,391	14,456	13,992
61	53	86 906	12 352,551	173 782,310	14,069	13,605
62	54	85 716	11 799,931	161 429,759	13,681	13,217
63	55	84 422	11 255,936	149 629,828	13,293	12,830
64	56	83 043	10 723,520	138 373,892	12,904	12,440
65	57	81 561	10 200,648	127 650,372	12,514	12,050
66	58	79 987	9 688,908	117 449,724	12,122	11,658
67	59	78 332	9 189,831	107 760,816	11,726	11,262
68	60	76 555	8 698,546	98 570,985	11,332	10,868
69	61	74 718	8 222,604	89 872,439	10,930	10,466
70	62	72 766	7 755,810	81 649,836	10,528	10,064
71	63	70 704	7 298,763	73 894,026	10,124	9,661
72	64	68 525	6 851,189	66 595,263	9,720	9,257
73	65	66 247	6 414,932	59 744,074	9,313	8,850
74	66	63 857	5 988,833	53 329,143	8,905	8,441
75	67	61 342	5 571,879	47 340,310	8,496	8,033
76	68	58 680	5 162,303	41 768,430	8,091	7,627
77	69	55 894	4 762,456	36 606,128	7,686	7,223
78	70	52 989	4 372,851	31 843,671	7,282	6,819
79	71	49 923	3 990,147	27 470,820	6,885	6,421
80	72	46 680	3 613,478	23 480,673	6,498	6,034
81	73	43 312	3 247,229	19 867,195	6,118	5,655
82	74	39 804	2 890,314	16 619,966	5,750	5,287
83	75	36 198	2 545,714	13 729,652	5,393	4,930
84	76	32 497	2 213,470	11 183,938	5,053	4,589
85	77	28 757	1 897,113	8 970,468	4,728	4,265
86	78	25 038	1 599,754	7 073,355	4,422	3,958
87	79	21 414	1 325,125	5 473,602	4,131	3,667
88	80	17 955	1 076,099	4 148,477	3,855	3,391
89	81	14 718	854,339	3 072,378	3,596	3,133
90	82	11 784	662,496	2 218,039	3,348	2,884
91	83	9 181	499,931	1 555,543	3,112	2,648
92	84	6 898	363,761	1 055,612	2,902	2,438
93	85	4 991	254,939	691,851	2,714	2,250
94	86	3 483	172,291	436,911	2,536	2,072
95	87	2 305	110,451	264,621	2,396	1,932
96	88	1 480	68,657	154,170	2,246	1,782
97	89	900	40,460	85,513	2,114	1,650
98	90	518	22,545	45,053	1,998	1,535
99	91	282	11,878	22,508	1,895	1,431
100	92	144	5,894	10,630	1,804	1,340

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9	0	99 542	74 644,220	2 064 047,812	27,652	27,188
10	1	99 229	72 067,348	1 989 403,592	27,605	27,141
11	2	99 199	69 777,390	1 917 336,244	27,478	27,014
12	3	99 178	67 566,925	1 847 558,854	27,344	26,881
13	4	99 158	65 427,198	1 779 991,929	27,206	26,742
14	5	99 140	63 355,924	1 714 564,732	27,062	26,599
15	6	99 120	61 349,658	1 651 208,807	26,915	26,451
16	7	99 099	59 405,713	1 589 859,149	26,763	26,299
17	8	99 069	57 518,145	1 530 453,436	26,608	26,145
18	9	99 033	55 687,865	1 472 935,291	26,450	25,986
19	10	98 989	53 910,813	1 417 247,426	26,289	25,825
20	11	98 942	52 188,968	1 363 336,613	26,123	25,659
21	12	98 890	50 519,669	1 311 147,645	25,953	25,490
22	13	98 838	48 903,711	1 260 627,976	25,778	25,314
23	14	98 785	47 338,949	1 211 724,264	25,597	25,133
24	15	98 729	45 822,998	1 164 385,315	25,411	24,947
25	16	98 669	44 353,624	1 118 562,318	25,219	24,756
26	17	98 608	42 930,778	1 074 208,694	25,022	24,558
27	18	98 546	41 553,660	1 031 277,915	24,818	24,354
28	19	98 474	40 216,247	989 724,255	24,610	24,146
29	20	98 405	38 922,783	949 508,009	24,395	23,931
30	21	98 330	37 669,048	910 585,226	24,173	23,710
31	22	98 257	36 456,285	872 916,178	23,944	23,481
32	23	98 173	35 278,340	836 459,894	23,710	23,247
33	24	98 082	34 136,539	801 181,554	23,470	23,006
34	25	97 996	33 032,945	767 045,015	23,221	22,757
35	26	97 899	31 961,443	734 012,070	22,966	22,502
36	27	97 793	30 921,895	702 050,627	22,704	22,240
37	28	97 685	29 915,458	671 128,732	22,434	21,971
38	29	97 569	28 939,442	641 213,274	22,157	21,693
39	30	97 442	27 991,854	612 273,832	21,873	21,410
40	31	97 306	27 073,125	584 281,979	21,582	21,118
41	32	97 153	26 179,633	557 208,854	21,284	20,820
42	33	96 991	25 313,205	531 029,221	20,978	20,515
43	34	96 812	24 471,175	505 716,017	20,666	20,202
44	35	96 615	23 652,828	481 244,842	20,346	19,883
45	36	96 403	22 857,970	457 592,014	20,019	19,555
46	37	96 161	22 082,855	434 734,044	19,686	19,223
47	38	95 907	21 331,203	412 651,189	19,345	18,881
48	39	95 612	20 596,337	391 319,986	18,999	18,536
49	40	95 289	19 880,625	370 723,649	18,647	18,184
50	41	94 925	19 181,223	350 843,024	18,291	17,827
51	42	94 519	18 497,983	331 661,801	17,930	17,466
52	43	94 076	17 831,740	313 163,818	17,562	17,099
53	44	93 575	17 178,550	295 332,078	17,192	16,728
54	45	93 013	16 537,973	278 153,529	16,819	16,355
55	46	92 392	15 910,412	261 615,556	16,443	15,979
56	47	91 707	15 295,411	245 705,144	16,064	15,600
57	48	90 950	14 691,681	230 409,733	15,683	15,219
58	49	90 120	14 099,348	215 718,052	15,300	14,836
59	50	89 198	13 515,756	201 618,704	14,917	14,454
60	51	88 198	12 943,671	188 102,948	14,532	14,069
61	52	87 120	12 382,955	175 159,276	14,145	13,682
62	53	85 951	11 832,270	162 776,321	13,757	13,293
63	54	84 677	11 289,914	150 944,051	13,370	12,906
64	55	83 319	10 759,170	139 654,137	12,980	12,516
65	56	81 857	10 237,697	128 894,967	12,590	12,127
66	57	80 307	9 727,744	118 657,270	12,198	11,734
67	58	78 679	9 230,543	108 929,527	11,801	11,337
68	59	76 926	8 740,763	99 698,984	11,406	10,943
69	60	75 123	8 267,172	90 958,220	11,002	10,539
70	61	73 176	7 799,448	82 691,048	10,602	10,139
71	62	71 136	7 343,386	74 891,600	10,199	9,735
72	63	68 979	6 896,599	67 548,214	9,794	9,331
73	64	66 733	6 462,023	60 651,615	9,386	8,922
74	65	64 372	6 037,204	54 189,592	8,976	8,512
75	66	61 882	5 620,981	48 152,388	8,567	8,103
76	67	59 254	5 212,838	42 531,407	8,159	7,695
77	68	56 471	4 811,606	37 318,569	7,756	7,292
78	69	53 588	4 422,258	32 506,964	7,351	6,887
79	70	50 539	4 039,361	28 084,706	6,953	6,489
80	71	47 313	3 662,520	24 045,345	6,565	6,102
81	72	43 945	3 294,704	20 382,825	6,187	5,723
82	73	40 430	2 935,768	17 088,121	5,821	5,357
83	74	36 828	2 590,025	14 152,353	5,464	5,001
84	75	33 128	2 256,496	11 562,328	5,124	4,660
85	76	29 399	1 939,443	9 305,833	4,798	4,335
86	77	25 665	1 639,851	7 366,389	4,492	4,028
87	78	22 033	1 363,438	5 726,538	4,200	3,736
88	79	18 566	1 112,734	4 363,100	3,921	3,457
89	80	15 306	888,463	3 250,367	3,658	3,195
90	81	12 327	693,033	2 361,904	3,408	2,944
91	82	9 668	526,433	1 668,871	3,170	2,707
92	83	7 323	386,192	1 142,438	2,958	2,495
93	84	5 351	273,312	756,246	2,767	2,303
94	85	3 774	186,708	482,935	2,587	2,123
95	86	2 530	121,229	296,226	2,444	1,980
96	87	1 646	76,387	174,997	2,291	1,827
97	88	1 017	45,709	98,611	2,157	1,694
98	89	596	25,941	52,902	2,039	1,576
99	90	331	13,940	26,961	1,934	1,470
100	91	173	7,078	13,021	1,840	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9						
10	0	99 534	72 288,831	1 991 365,878	27,547	27,084
11	1	99 221	69 793,516	1 919 077,047	27,496	27,033
12	2	99 190	67 574,972	1 849 283,531	27,366	26,903
13	3	99 170	65 434,993	1 781 708,559	27,229	26,765
14	4	99 149	63 361,686	1 716 273,566	27,087	26,623
15	5	99 128	61 354,259	1 652 911,880	26,940	26,477
16	6	99 106	59 409,624	1 591 557,621	26,790	26,326
17	7	99 073	57 520,981	1 532 147,997	26,636	26,173
18	8	99 040	55 691,313	1 474 627,016	26,479	26,015
19	9	98 995	53 914,302	1 418 935,704	26,318	25,855
20	10	98 948	52 192,060	1 365 021,402	26,154	25,690
21	11	98 897	50 523,433	1 312 829,341	25,985	25,521
22	12	98 846	48 907,581	1 262 305,909	25,810	25,346
23	13	98 793	47 343,007	1 213 398,328	25,630	25,166
24	14	98 739	45 827,807	1 166 055,321	25,444	24,981
25	15	98 681	44 359,174	1 120 227,514	25,254	24,790
26	16	98 622	42 936,837	1 075 868,341	25,057	24,593
27	17	98 561	41 559,745	1 032 931,504	24,854	24,391
28	18	98 494	40 224,438	991 371,759	24,646	24,182
29	19	98 424	38 930,297	951 147,321	24,432	23,968
30	20	98 348	37 676,025	912 217,024	24,212	23,749
31	21	98 273	36 462,321	874 540,999	23,985	23,521
32	22	98 190	35 284,446	838 078,678	23,752	23,288
33	23	98 104	34 143,948	802 794,233	23,512	23,048
34	24	98 013	33 038,547	768 650,285	23,265	22,802
35	25	97 917	31 967,404	735 611,737	23,011	22,548
36	26	97 812	30 927,912	703 644,334	22,751	22,287
37	27	97 706	29 921,993	672 716,421	22,482	22,019
38	28	97 593	28 946,661	642 794,428	22,206	21,743
39	29	97 467	27 999,099	613 847,767	21,924	21,460
40	30	97 335	27 081,166	585 848,667	21,633	21,169
41	31	97 184	26 187,992	558 767,502	21,337	20,873
42	32	97 024	25 321,993	532 579,510	21,032	20,569
43	33	96 846	24 479,891	507 257,517	20,721	20,258
44	34	96 653	23 662,082	482 777,626	20,403	19,939
45	35	96 442	22 867,174	459 115,544	20,077	19,614
46	36	96 206	22 093,213	436 248,370	19,746	19,282
47	37	95 951	21 341,025	414 155,157	19,407	18,943
48	38	95 668	20 608,406	392 814,132	19,061	18,597
49	39	95 346	19 892,475	372 205,725	18,711	18,247
50	40	94 989	19 194,250	352 313,250	18,355	17,892
51	41	94 591	18 512,105	333 119,001	17,995	17,531
52	42	94 154	17 846,549	314 606,896	17,628	17,165
53	43	93 659	17 194,023	296 760,346	17,260	16,796
54	44	93 108	16 554,859	279 566,323	16,887	16,424
55	45	92 495	15 928,123	263 011,464	16,512	16,049
56	46	91 824	15 314,857	247 083,341	16,134	15,670
57	47	91 081	14 712,772	231 768,484	15,753	15,289
58	48	90 265	14 121,937	217 055,711	15,370	14,906
59	49	89 360	13 540,283	202 933,774	14,987	14,524
60	50	88 373	12 969,230	189 393,491	14,603	14,140
61	51	87 313	12 410,367	176 424,261	14,216	13,752
62	52	86 163	11 861,393	164 013,894	13,828	13,364
63	53	84 909	11 320,856	152 152,501	13,440	12,976
64	54	83 570	10 791,649	140 831,646	13,050	12,586
65	55	82 129	10 271,731	130 039,997	12,660	12,196
66	56	80 599	9 763,075	119 768,266	12,267	11,804
67	57	78 995	9 267,542	110 005,191	11,870	11,406
68	58	77 267	8 779,486	100 737,649	11,474	11,011
69	59	75 487	8 307,296	91 958,163	11,070	10,606
70	60	73 573	7 841,723	83 650,867	10,667	10,204
71	61	71 536	7 384,704	75 809,143	10,266	9,802
72	62	69 401	6 938,763	68 424,439	9,861	9,398
73	63	67 176	6 504,853	61 485,676	9,452	8,989
74	64	64 845	6 081,522	54 980,822	9,041	8,577
75	65	62 382	5 666,381	48 899,300	8,630	8,166
76	66	59 776	5 258,776	43 232,920	8,221	7,757
77	67	57 024	4 858,708	37 974,144	7,816	7,352
78	68	54 141	4 467,896	33 115,436	7,412	6,948
79	69	51 110	4 084,999	28 647,540	7,013	6,549
80	70	47 897	3 707,693	24 562,540	6,625	6,161
81	71	44 542	3 339,420	20 854,847	6,245	5,781
82	72	41 021	2 978,689	17 515,427	5,880	5,417
83	73	37 407	2 630,756	14 536,739	5,526	5,062
84	74	33 705	2 295,773	11 905,982	5,186	4,722
85	75	29 970	1 977,143	9 610,210	4,861	4,397
86	76	26 238	1 676,441	7 633,067	4,553	4,090
87	77	22 585	1 397,612	5 956,626	4,262	3,798
88	78	19 103	1 144,906	4 559,014	3,982	3,518
89	79	15 827	918,710	3 414,108	3,716	3,253
90	80	12 819	720,714	2 495,398	3,462	2,999
91	81	10 114	550,698	1 774,684	3,223	2,759
92	82	7 711	406,664	1 223,986	3,010	2,546
93	83	5 681	290,165	817,322	2,817	2,353
94	84	4 046	200,164	527,158	2,634	2,170
95	85	2 742	131,374	326,994	2,489	2,025
96	86	1 807	83,841	195,620	2,333	1,870
97	87	1 132	50,855	111,779	2,198	1,734
98	88	673	29,306	60,924	2,079	1,615
99	89	380	16,040	31,618	1,971	1,508
100	90	203	8,307	15,579	1,875	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	70 008,011	1 920 887,551	27,438	26,974
12	1	99 213	67 590,589	1 850 879,540	27,384	26,920
13	2	99 182	65 442,786	1 783 288,951	27,250	26,786
14	3	99 161	63 369,236	1 717 846,165	27,109	26,645
15	4	99 137	61 359,838	1 654 476,929	26,964	26,500
16	5	99 113	59 414,080	1 593 117,090	26,814	26,350
17	6	99 080	57 524,767	1 533 703,011	26,662	26,198
18	7	99 044	55 694,058	1 476 178,243	26,505	26,042
19	8	99 002	53 917,640	1 420 484,185	26,345	25,882
20	9	98 954	52 195,438	1 366 566,545	26,182	25,718
21	10	98 903	50 526,427	1 314 371,107	26,014	25,550
22	11	98 853	48 911,224	1 263 844,681	25,840	25,376
23	12	98 801	47 346,753	1 214 933,457	25,660	25,197
24	13	98 748	45 831,735	1 167 586,704	25,476	25,012
25	14	98 692	44 363,829	1 121 754,969	25,285	24,822
26	15	98 634	42 942,209	1 077 391,140	25,089	24,626
27	16	98 575	41 565,610	1 034 448,931	24,887	24,424
28	17	98 509	40 230,328	992 883,321	24,680	24,216
29	18	98 444	38 938,226	952 652,993	24,466	24,002
30	19	98 367	37 683,298	913 714,766	24,247	23,784
31	20	98 292	36 469,074	876 031,468	24,021	23,558
32	21	98 206	35 290,288	839 562,394	23,790	23,327
33	22	98 121	34 149,858	804 272,105	23,551	23,088
34	23	98 034	33 045,718	770 122,248	23,305	22,841
35	24	97 934	31 972,825	737 076,530	23,053	22,590
36	25	97 830	30 933,680	705 103,705	22,794	22,330
37	26	97 725	29 927,817	674 170,025	22,527	22,063
38	27	97 615	28 952,985	644 242,208	22,251	21,788
39	28	97 491	28 006,084	615 289,223	21,970	21,506
40	29	97 360	27 088,176	587 283,139	21,680	21,217
41	30	97 213	26 195,770	560 194,963	21,385	20,921
42	31	97 055	25 330,078	533 999,193	21,082	20,618
43	32	96 880	24 488,390	508 669,115	20,772	20,308
44	33	96 687	23 670,510	484 180,726	20,455	19,991
45	34	96 480	22 876,121	460 510,216	20,131	19,667
46	35	96 245	22 102,109	437 634,094	19,801	19,337
47	36	95 996	21 351,035	415 531,986	19,462	18,998
48	37	95 712	20 617,895	394 180,950	19,118	18,655
49	38	95 402	19 904,132	373 563,055	18,768	18,304
50	39	95 046	19 205,691	353 658,923	18,414	17,951
51	40	94 655	18 524,678	334 453,232	18,054	17,591
52	41	94 226	17 860,174	315 928,555	17,689	17,225
53	42	93 737	17 208,303	298 068,380	17,321	16,858
54	43	93 192	16 569,771	280 860,078	16,950	16,487
55	44	92 589	15 944,387	264 290,307	16,576	16,112
56	45	91 926	15 331,905	248 345,920	16,198	15,734
57	46	91 197	14 731,477	233 014,014	15,817	15,354
58	47	90 394	14 142,211	218 282,537	15,435	14,971
59	48	89 503	13 561,977	204 140,326	15,052	14,589
60	49	88 533	12 992,765	190 578,349	14,668	14,204
61	50	87 485	12 434,872	177 585,584	14,281	13,818
62	51	86 353	11 887,651	165 150,712	13,893	13,429
63	52	85 118	11 348,720	153 263,062	13,505	13,041
64	53	83 799	10 821,225	141 914,342	13,114	12,651
65	54	82 377	10 302,739	131 093,117	12,724	12,260
66	55	80 867	9 795,531	120 790,378	12,331	11,868
67	56	79 282	9 301,202	110 994,847	11,933	11,470
68	57	77 577	8 814,677	101 693,645	11,537	11,073
69	58	75 822	8 344,098	92 878,969	11,131	10,667
70	59	73 930	7 879,783	84 534,870	10,728	10,264
71	60	71 924	7 424,731	76 655,087	10,324	9,861
72	61	69 792	6 977,805	69 230,356	9,922	9,458
73	62	67 586	6 544,623	62 252,552	9,512	9,048
74	63	65 275	6 121,831	55 707,929	9,100	8,636
75	64	62 840	5 707,977	49 586,098	8,687	8,224
76	65	60 259	5 301,250	43 878,121	8,277	7,813
77	66	57 526	4 901,525	38 576,871	7,870	7,407
78	67	54 671	4 511,634	33 675,346	7,464	7,000
79	68	51 638	4 127,157	29 163,712	7,066	6,603
80	69	48 438	3 749,584	25 036,555	6,677	6,214
81	70	45 091	3 380,607	21 286,971	6,297	5,833
82	71	41 578	3 019,116	17 906,363	5,931	5,467
83	72	37 954	2 669,218	14 887,248	5,577	5,114
84	73	34 235	2 331,876	12 218,030	5,240	4,776
85	74	30 492	2 011,557	9 886,153	4,915	4,451
86	75	26 748	1 709,028	7 874,596	4,608	4,144
87	76	23 089	1 428,797	6 165,568	4,315	3,852
88	77	19 582	1 173,603	4 736,771	4,036	3,572
89	78	16 284	945,272	3 563,168	3,769	3,306
90	79	13 256	745,250	2 617,896	3,513	3,049
91	80	10 518	572,694	1 872,646	3,270	2,806
92	81	8 067	425,408	1 299,952	3,056	2,592
93	82	5 982	305,547	874,543	2,862	2,399
94	83	4 296	212,506	568,997	2,678	2,214
95	84	2 940	140,841	356,490	2,531	2,068
96	85	1 958	90,857	215,649	2,373	1,910
97	86	1 242	55,817	124,792	2,236	1,772
98	87	749	32,605	68,975	2,115	1,652
99	88	430	18,120	36,369	2,007	1,543
100	89	234	9,558	18,249	1,909	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	67 798,314	1 852 550,420	27,324	26,861
13	1	99 205	65 457,911	1 784 752,106	27,266	26,802
14	2	99 172	63 376,782	1 719 294,196	27,128	26,665
15	3	99 149	61 367,150	1 655 917,413	26,984	26,520
16	4	99 122	59 419,483	1 594 550,264	26,835	26,372
17	5	99 087	57 529,082	1 535 130,781	26,684	26,221
18	6	99 051	55 697,724	1 477 601,699	26,529	26,065
19	7	99 006	53 920,298	1 421 903,975	26,370	25,907
20	8	98 960	52 198,670	1 367 983,677	26,207	25,744
21	9	98 909	50 529,696	1 315 785,007	26,040	25,576
22	10	98 859	48 914,122	1 265 255,311	25,867	25,403
23	11	98 808	47 350,280	1 216 341,189	25,688	25,225
24	12	98 756	45 835,362	1 168 990,909	25,504	25,041
25	13	98 700	44 367,632	1 123 155,547	25,315	24,851
26	14	98 644	42 946,716	1 078 787,915	25,119	24,656
27	15	98 587	41 570,811	1 035 841,200	24,918	24,454
28	16	98 523	40 236,006	994 270,389	24,711	24,247
29	17	98 458	38 943,929	954 034,383	24,498	24,034
30	18	98 387	37 690,974	915 090,455	24,279	23,815
31	19	98 311	36 476,115	877 399,481	24,054	23,590
32	20	98 224	35 296,824	840 923,366	23,824	23,361
33	21	98 137	34 155,512	805 626,542	23,587	23,123
34	22	98 051	33 051,437	771 471,030	23,342	22,878
35	23	97 955	31 979,765	738 419,593	23,090	22,627
36	24	97 847	30 938,927	706 439,828	22,833	22,370
37	25	97 744	29 933,398	675 500,902	22,567	22,103
38	26	97 634	28 958,620	645 567,504	22,293	21,829
39	27	97 512	28 012,203	616 608,884	22,012	21,549
40	28	97 385	27 094,933	588 596,681	21,723	21,260
41	29	97 238	26 202,551	561 501,748	21,429	20,966
42	30	97 084	25 337,601	535 299,197	21,127	20,663
43	31	96 911	24 496,209	509 961,596	20,818	20,354
44	32	96 721	23 678,728	485 465,387	20,502	20,039
45	33	96 514	22 884,269	461 786,660	20,179	19,716
46	34	96 282	22 110,757	438 902,390	19,850	19,387
47	35	96 034	21 359,632	416 791,634	19,513	19,049
48	36	95 757	20 627,567	395 432,002	19,170	18,706
49	37	95 446	19 913,297	374 804,435	18,822	18,358
50	38	95 102	19 216,945	354 891,138	18,468	18,004
51	39	94 711	18 535,719	335 674,193	18,110	17,646
52	40	94 290	17 872,304	317 138,474	17,745	17,281
53	41	93 809	17 221,440	299 266,170	17,378	16,914
54	42	93 270	16 583,532	282 044,729	17,008	16,544
55	43	92 673	15 958,749	265 461,197	16,634	16,171
56	44	92 020	15 347,561	249 502,448	16,257	15,793
57	45	91 298	14 747,876	234 154,888	15,877	15,414
58	46	90 509	14 160,190	219 407,011	15,495	15,031
59	47	89 631	13 581,446	205 246,821	15,112	14,649
60	48	88 675	13 013,581	191 665,375	14,728	14,264
61	49	87 644	12 457,438	178 651,793	14,341	13,877
62	50	86 524	11 911,123	166 194,356	13,953	13,489
63	51	85 306	11 373,842	154 283,232	13,565	13,101
64	52	84 006	10 847,859	142 909,390	13,174	12,710
65	53	82 603	10 330,975	132 061,530	12,783	12,319
66	54	81 111	9 825,101	121 730,556	12,390	11,926
67	55	79 545	9 332,123	111 905,454	11,991	11,528
68	56	77 858	8 846,692	102 573,332	11,595	11,131
69	57	76 126	8 377,544	93 726,640	11,188	10,724
70	58	74 257	7 914,691	85 349,096	10,784	10,320
71	59	72 273	7 460,767	77 434,405	10,379	9,915
72	60	70 170	7 015,626	69 973,638	9,974	9,510
73	61	67 967	6 581,447	62 958,012	9,566	9,102
74	62	65 674	6 159,258	56 376,566	9,153	8,690
75	63	63 257	5 745,810	50 217,307	8,740	8,276
76	64	60 701	5 340,166	44 471,498	8,328	7,864
77	65	57 991	4 941,114	39 131,332	7,920	7,456
78	66	55 153	4 551,392	34 190,218	7,512	7,048
79	67	52 143	4 167,559	29 638,826	7,112	6,648
80	68	48 938	3 788,281	25 471,266	6,724	6,260
81	69	45 600	3 418,803	21 682,986	6,342	5,879
82	70	42 091	3 056,353	18 264,183	5,976	5,512
83	71	38 469	2 705,445	15 207,830	5,621	5,158
84	72	34 736	2 365,968	12 502,385	5,284	4,821
85	73	30 972	2 043,191	10 136,417	4,961	4,497
86	74	27 214	1 738,776	8 093,225	4,655	4,191
87	75	23 538	1 456,570	6 354,449	4,363	3,899
88	76	20 018	1 199,789	4 897,879	4,082	3,619
89	77	16 693	968,965	3 698,090	3,817	3,353
90	78	13 639	766,797	2 729,125	3,559	3,095
91	79	10 876	592,191	1 962,327	3,314	2,850
92	80	8 389	442,400	1 370,136	3,097	2,633
93	81	6 258	319,630	927,736	2,903	2,439
94	82	4 523	223,771	608,106	2,718	2,254
95	83	3 121	149,526	384,334	2,570	2,107
96	84	2 099	97,405	234,808	2,411	1,947
97	85	1 346	60,488	137,404	2,272	1,808
98	86	822	35,787	76,915	2,149	1,686
99	87	478	20,161	41,128	2,040	1,576
100	88	264	10,798	20,968	1,942	1,478

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12						
13	0	99 510	65 659,081	1 786 294,621	27,206	26,742
14	1	99 195	63 391,429	1 720 635,540	27,143	26,679
15	2	99 160	61 374,458	1 657 244,110	27,002	26,539
16	3	99 134	59 426,563	1 595 869,652	26,854	26,391
17	4	99 096	57 534,313	1 536 443,089	26,705	26,241
18	5	99 058	55 701,902	1 478 908,776	26,550	26,087
19	6	99 013	53 923,848	1 423 206,874	26,393	25,929
20	7	98 965	52 201,243	1 369 283,027	26,231	25,767
21	8	98 916	50 532,825	1 317 081,784	26,064	25,600
22	9	98 865	48 917,287	1 266 548,959	25,892	25,428
23	10	98 814	47 353,086	1 217 631,672	25,714	25,250
24	11	98 763	45 838,776	1 170 278,586	25,530	25,067
25	12	98 708	44 371,143	1 124 439,810	25,342	24,878
26	13	98 653	42 950,397	1 080 068,668	25,147	24,683
27	14	98 597	41 575,173	1 037 118,270	24,946	24,482
28	15	98 535	40 241,040	995 543,097	24,739	24,276
29	16	98 472	38 949,424	955 302,057	24,527	24,063
30	17	98 402	37 696,493	916 352,633	24,309	23,845
31	18	98 331	36 483,544	878 656,139	24,084	23,620
32	19	98 243	35 303,638	842 172,595	23,855	23,391
33	20	98 155	34 161,838	806 868,956	23,619	23,155
34	21	98 067	33 056,910	772 707,119	23,375	22,911
35	22	97 972	31 985,300	739 650,209	23,125	22,661
36	23	97 868	30 945,641	707 664,909	22,868	22,404
37	24	97 760	29 938,475	676 719,268	22,604	22,140
38	25	97 652	28 964,020	646 780,793	22,330	21,867
39	26	97 531	28 017,654	617 816,773	22,051	21,587
40	27	97 406	27 100,853	589 799,119	21,763	21,299
41	28	97 262	26 209,087	562 698,266	21,470	21,006
42	29	97 109	25 344,160	536 489,179	21,168	20,705
43	30	96 939	24 503,485	511 145,019	20,860	20,396
44	31	96 752	23 686,288	486 641,534	20,545	20,082
45	32	96 547	22 892,214	462 955,246	20,223	19,760
46	33	96 317	22 118,632	440 063,032	19,896	19,432
47	34	96 072	21 367,990	417 944,400	19,559	19,096
48	35	95 796	20 635,872	396 576,411	19,218	18,754
49	36	95 490	19 922,637	375 940,539	18,870	18,406
50	37	95 145	19 225,794	356 017,901	18,518	18,054
51	38	94 767	18 546,581	336 792,108	18,159	17,696
52	39	94 346	17 882,957	318 245,526	17,796	17,332
53	40	93 872	17 233,136	300 362,569	17,429	16,966
54	41	93 341	16 596,193	283 129,433	17,060	16,596
55	42	92 750	15 972,003	266 533,240	16,688	16,224
56	43	92 103	15 361,385	250 561,238	16,311	15,847
57	44	91 392	14 762,935	235 199,853	15,932	15,468
58	45	90 610	14 175,953	220 436,918	15,550	15,086
59	46	89 745	13 598,713	206 260,964	15,168	14,704
60	47	88 802	13 032,264	192 662,251	14,783	14,320
61	48	87 784	12 477,396	179 629,988	14,396	13,933
62	49	86 681	11 932,739	167 152,591	14,008	13,544
63	50	85 475	11 396,301	155 219,852	13,620	13,157
64	51	84 191	10 871,873	143 823,552	13,229	12,765
65	52	82 806	10 356,403	132 951,679	12,838	12,374
66	53	81 334	9 852,028	122 595,276	12,444	11,980
67	54	79 785	9 360,294	112 743,247	12,045	11,581
68	55	78 117	8 876,102	103 382,954	11,647	11,184
69	56	76 402	8 407,971	94 506,852	11,240	10,777
70	57	74 555	7 946,415	86 098,881	10,835	10,371
71	58	72 593	7 493,819	78 152,465	10,429	9,965
72	59	70 510	7 049,676	70 658,647	10,023	9,559
73	60	68 335	6 617,120	63 608,971	9,613	9,149
74	61	66 043	6 193,914	56 991,851	9,201	8,738
75	62	63 643	5 780,938	50 797,937	8,787	8,324
76	63	61 104	5 375,561	45 016,999	8,374	7,911
77	64	58 417	4 977,386	39 641,438	7,964	7,501
78	65	55 598	4 588,153	34 664,052	7,555	7,091
79	66	52 603	4 204,285	30 075,899	7,154	6,690
80	67	49 417	3 825,365	25 871,614	6,763	6,300
81	68	46 071	3 454,086	22 046,248	6,383	5,919
82	69	42 566	3 090,885	18 592,162	6,015	5,552
83	70	38 944	2 738,813	15 501,278	5,660	5,196
84	71	35 207	2 398,080	12 762,464	5,322	4,858
85	72	31 424	2 073,063	10 364,385	5,000	4,536
86	73	27 642	1 766,120	8 291,322	4,695	4,231
87	74	23 948	1 481,924	6 525,202	4,403	3,940
88	75	20 408	1 223,111	5 043,278	4,123	3,660
89	76	17 065	990,586	3 820,167	3,856	3,393
90	77	13 981	786,017	2 829,581	3,600	3,136
91	78	11 190	609,313	2 043,564	3,354	2,890
92	79	8 674	457,461	1 434,252	3,135	2,672
93	80	6 508	332,397	976,790	2,939	2,475
94	81	4 732	234,086	644,393	2,753	2,289
95	82	3 286	157,452	410,307	2,606	2,142
96	83	2 228	103,411	252,855	2,445	1,982
97	84	1 443	64,848	149,444	2,305	1,841
98	85	891	38,782	84,597	2,181	1,718
99	86	525	22,128	45,815	2,070	1,607
100	87	294	12,014	23,687	1,972	1,508

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	63 586,249	1 722 060,055	27,082	26,619
15	1	99 183	61 388,642	1 658 473,806	27,016	26,552
16	2	99 146	59 433,640	1 597 085,164	26,872	26,408
17	3	99 108	57 541,169	1 537 651,523	26,723	26,259
18	4	99 067	55 706,967	1 480 110,355	26,570	26,106
19	5	99 020	53 927,892	1 424 403,388	26,413	25,949
20	6	98 972	52 204,679	1 370 475,496	26,252	25,788
21	7	98 920	50 535,316	1 318 270,816	26,086	25,623
22	8	98 871	48 920,316	1 267 735,500	25,914	25,451
23	9	98 821	47 356,150	1 218 815,184	25,737	25,274
24	10	98 769	45 841,492	1 171 459,034	25,555	25,091
25	11	98 715	44 374,448	1 125 617,542	25,366	24,903
26	12	98 660	42 953,796	1 081 243,094	25,172	24,709
27	13	98 606	41 578,737	1 038 289,299	24,972	24,508
28	14	98 545	40 245,263	996 710,561	24,766	24,302
29	15	98 484	38 954,298	956 465,298	24,554	24,090
30	16	98 416	37 701,813	917 511,001	24,336	23,872
31	17	98 345	36 488,887	879 809,187	24,112	23,648
32	18	98 263	35 310,829	843 320,300	23,883	23,419
33	19	98 174	34 168,433	808 009,471	23,648	23,184
34	20	98 085	33 063,032	773 841,038	23,405	22,941
35	21	97 988	31 990,596	740 778,006	23,156	22,692
36	22	97 885	30 950,997	708 787,410	22,900	22,437
37	23	97 781	29 944,972	677 836,413	22,636	22,172
38	24	97 669	28 968,933	647 891,441	22,365	21,901
39	25	97 550	28 022,879	618 922,508	22,086	21,623
40	26	97 425	27 106,127	590 899,629	21,799	21,336
41	27	97 284	26 214,813	563 793,502	21,507	21,043
42	28	97 133	25 350,482	537 578,689	21,206	20,742
43	29	96 965	24 509,827	512 228,206	20,899	20,435
44	30	96 781	23 693,323	487 718,379	20,585	20,121
45	31	96 578	22 899,523	464 025,056	20,264	19,800
46	32	96 350	22 126,311	441 125,532	19,937	19,473
47	33	96 106	21 375,600	418 999,222	19,602	19,138
48	34	95 833	20 643,946	397 623,621	19,261	18,797
49	35	95 529	19 930,659	376 979,675	18,915	18,451
50	36	95 190	19 234,812	357 049,016	18,563	18,099
51	37	94 811	18 555,121	337 814,204	18,206	17,742
52	38	94 401	17 893,437	319 259,083	17,842	17,379
53	39	93 928	17 243,408	301 365,647	17,477	17,014
54	40	93 404	16 607,464	284 122,239	17,108	16,644
55	41	92 821	15 984,196	267 514,775	16,736	16,273
56	42	92 179	15 374,142	251 530,578	16,361	15,897
57	43	91 474	14 776,233	236 156,436	15,982	15,519
58	44	90 702	14 190,428	221 380,203	15,601	15,137
59	45	89 845	13 613,851	207 189,775	15,219	14,755
60	46	88 915	13 048,832	193 575,924	14,835	14,371
61	47	87 910	12 495,309	180 527,091	14,448	13,984
62	48	86 820	11 951,857	168 031,783	14,059	13,595
63	49	85 630	11 416,982	156 079,926	13,671	13,207
64	50	84 358	10 893,340	144 662,944	13,280	12,816
65	51	82 990	10 379,328	133 769,604	12,888	12,424
66	52	81 534	9 876,278	123 390,275	12,494	12,030
67	53	80 004	9 385,947	113 513,997	12,094	11,630
68	54	78 353	8 902,896	104 128,051	11,696	11,232
69	55	76 656	8 435,923	95 225,154	11,288	10,824
70	56	74 826	7 975,277	86 789,232	10,882	10,419
71	57	72 884	7 523,856	78 813,955	10,475	10,012
72	58	70 823	7 080,907	71 290,099	10,068	9,604
73	59	68 667	6 649,235	64 209,192	9,657	9,193
74	60	66 401	6 227,486	57 559,957	9,243	8,779
75	61	64 001	5 813,465	51 332,470	8,830	8,366
76	62	61 477	5 408,426	45 519,005	8,416	7,953
77	63	58 804	5 010,376	40 110,579	8,006	7,542
78	64	56 007	4 621,834	35 100,203	7,594	7,131
79	65	53 027	4 238,243	30 478,369	7,191	6,728
80	66	49 853	3 859,076	26 240,126	6,800	6,336
81	67	46 522	3 487,899	22 381,050	6,417	5,953
82	68	43 006	3 122,783	18 893,151	6,050	5,586
83	69	39 384	2 769,758	15 770,368	5,694	5,230
84	70	35 641	2 427,657	13 000,610	5,355	4,892
85	71	31 851	2 101,199	10 572,953	5,032	4,568
86	72	28 046	1 791,941	8 471,754	4,728	4,264
87	73	24 324	1 505,229	6 679,814	4,438	3,974
88	74	20 763	1 244,401	5 174,585	4,158	3,695
89	75	17 397	1 009,841	3 930,184	3,892	3,428
90	76	14 293	803,556	2 920,343	3,634	3,171
91	77	11 471	624,585	2 116,787	3,389	2,925
92	78	8 925	470,688	1 492,202	3,170	2,707
93	79	6 729	343,713	1 021,515	2,972	2,508
94	80	4 921	243,436	677,802	2,784	2,321
95	81	3 438	164,710	434,366	2,637	2,174
96	82	2 347	108,893	269,656	2,476	2,013
97	83	1 532	68,846	160,763	2,335	1,871
98	84	955	41,577	91,917	2,211	1,747
99	85	569	23,980	50,340	2,099	1,636
100	86	323	13,186	26,361	1,999	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	61 577,307	1 659 789,835	26,955	26,491
16	1	99 168	59 447,376	1 598 212,529	26,884	26,421
17	2	99 120	57 548,021	1 538 765,153	26,739	26,275
18	3	99 079	55 713,605	1 481 217,131	26,586	26,123
19	4	99 029	53 932,796	1 425 503,526	26,431	25,967
20	5	98 979	52 208,595	1 371 570,730	26,271	25,807
21	6	98 927	50 538,643	1 319 362,136	26,106	25,642
22	7	98 876	48 922,728	1 268 823,493	25,935	25,472
23	8	98 827	47 359,082	1 219 900,765	25,759	25,295
24	9	98 775	45 844,459	1 172 541,683	25,577	25,113
25	10	98 721	44 377,077	1 126 697,225	25,389	24,926
26	11	98 668	42 956,995	1 082 320,147	25,195	24,732
27	12	98 614	41 582,027	1 039 363,152	24,995	24,532
28	13	98 554	40 248,713	997 781,125	24,790	24,327
29	14	98 495	38 958,386	957 532,412	24,578	24,115
30	15	98 428	37 706,530	918 574,026	24,361	23,898
31	16	98 359	36 494,036	880 867,496	24,137	23,674
32	17	98 277	35 316,000	844 373,459	23,909	23,445
33	18	98 194	34 175,393	809 057,459	23,674	23,210
34	19	98 104	33 069,415	774 882,066	23,432	22,968
35	20	98 006	31 996,521	741 812,651	23,184	22,721
36	21	97 901	30 956,122	709 816,130	22,930	22,466
37	22	97 798	29 950,155	678 860,008	22,666	22,203
38	23	97 690	28 975,220	648 909,853	22,395	21,932
39	24	97 566	28 027,632	619 934,633	22,119	21,655
40	25	97 443	27 111,182	591 907,002	21,833	21,369
41	26	97 302	26 219,915	564 795,820	21,541	21,077
42	27	97 155	25 356,021	538 575,905	21,241	20,777
43	28	96 989	24 515,941	513 219,884	20,934	20,471
44	29	96 806	23 699,456	488 703,942	20,621	20,157
45	30	96 607	22 906,325	465 004,486	20,300	19,837
46	31	96 381	22 133,376	442 098,161	19,974	19,511
47	32	96 140	21 383,021	419 964,785	19,640	19,176
48	33	95 867	20 651,299	398 581,764	19,301	18,837
49	34	95 566	19 938,457	377 930,465	18,955	18,491
50	35	95 228	19 242,556	357 992,008	18,604	18,141
51	36	94 855	18 563,824	338 749,451	18,248	17,784
52	37	94 445	17 901,675	320 185,627	17,886	17,422
53	38	93 983	17 253,513	302 283,952	17,520	17,057
54	39	93 460	16 617,363	285 030,439	17,153	16,689
55	40	92 884	15 995,052	268 413,076	16,781	16,317
56	41	92 250	15 385,880	252 418,023	16,406	15,942
57	42	91 550	14 788,504	237 032,144	16,028	15,565
58	43	90 784	14 203,210	222 243,639	15,647	15,184
59	44	89 937	13 627,752	208 040,429	15,266	14,802
60	45	89 014	13 063,358	194 412,677	14,882	14,419
61	46	88 022	12 511,195	181 349,319	14,495	14,031
62	47	86 945	11 969,015	168 838,124	14,106	13,643
63	48	85 767	11 435,274	156 869,109	13,718	13,254
64	49	84 511	10 913,109	145 433,836	13,327	12,863
65	50	83 153	10 399,823	134 520,727	12,935	12,471
66	51	81 714	9 898,140	124 120,904	12,540	12,076
67	52	80 201	9 409,049	114 222,764	12,140	11,676
68	53	78 568	8 927,296	104 813,715	11,741	11,277
69	54	76 888	8 461,389	95 886,419	11,332	10,869
70	55	75 074	8 001,790	87 425,030	10,926	10,462
71	56	73 149	7 551,183	79 423,241	10,518	10,054
72	57	71 107	7 109,289	71 872,058	10,110	9,646
73	58	68 971	6 678,692	64 762,769	9,697	9,233
74	59	66 724	6 257,711	58 084,076	9,282	8,818
75	60	64 348	5 844,976	51 826,365	8,867	8,403
76	61	61 823	5 438,857	45 981,390	8,454	7,991
77	62	59 163	5 041,009	40 542,533	8,043	7,579
78	63	56 378	4 652,468	35 501,524	7,631	7,167
79	64	53 417	4 269,355	30 849,056	7,226	6,762
80	65	50 255	3 890,245	26 579,701	6,832	6,369
81	66	46 932	3 518,636	22 689,456	6,448	5,985
82	67	43 427	3 153,353	19 170,820	6,080	5,616
83	68	39 790	2 798,342	16 017,467	5,724	5,260
84	69	36 044	2 455,086	13 219,125	5,384	4,921
85	70	32 244	2 127,114	10 764,039	5,060	4,597
86	71	28 427	1 816,261	8 636,925	4,755	4,292
87	72	24 680	1 527,235	6 820,664	4,466	4,002
88	73	21 089	1 263,971	5 293,428	4,188	3,724
89	74	17 700	1 027,418	4 029,458	3,922	3,458
90	75	14 571	819,175	3 002,039	3,665	3,201
91	76	11 727	638,521	2 182,864	3,419	2,955
92	77	9 149	482,485	1 544,343	3,201	2,737
93	78	6 924	353,651	1 061,857	3,003	2,539
94	79	5 088	251,723	708,207	2,813	2,350
95	80	3 575	171,289	456,483	2,665	2,201
96	81	2 455	113,912	285,195	2,504	2,040
97	82	1 613	72,496	171,282	2,363	1,899
98	83	1 014	44,140	98,787	2,238	1,774
99	84	610	25,708	54,646	2,126	1,662
100	85	350	14,290	28,939	2,025	1,562

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	59 630,074	1 599 428,783	26,823	26,359
17	1	99 143	57 561,321	1 539 798,709	26,751	26,287
18	2	99 091	55 720,240	1 482 237,387	26,601	26,138
19	3	99 041	53 939,222	1 426 517,147	26,447	25,983
20	4	98 988	52 213,342	1 372 577,925	26,288	25,824
21	5	98 934	50 542,433	1 320 364,582	26,124	25,660
22	6	98 883	48 925,948	1 269 822,149	25,954	25,490
23	7	98 832	47 361,417	1 220 896,201	25,778	25,315
24	8	98 781	45 847,297	1 173 534,784	25,597	25,133
25	9	98 728	44 379,949	1 127 687,487	25,410	24,946
26	10	98 674	42 959,541	1 083 307,538	25,217	24,753
27	11	98 621	41 585,125	1 040 347,998	25,017	24,554
28	12	98 562	40 251,898	998 762,873	24,813	24,349
29	13	98 503	38 961,726	958 510,975	24,601	24,138
30	14	98 438	37 710,488	919 549,250	24,384	23,921
31	15	98 371	36 498,602	881 838,762	24,161	23,697
32	16	98 291	35 320,984	845 340,160	23,933	23,469
33	17	98 209	34 180,397	810 019,176	23,698	23,235
34	18	98 124	33 076,151	775 838,778	23,456	22,993
35	19	98 025	32 002,698	742 762,627	23,209	22,746
36	20	97 919	30 961,855	710 759,929	22,956	22,492
37	21	97 814	29 955,114	679 798,074	22,694	22,230
38	22	97 707	28 980,235	649 842,960	22,424	21,960
39	23	97 587	28 033,715	620 862,725	22,147	21,683
40	24	97 460	27 115,780	592 829,010	21,863	21,399
41	25	97 321	26 224,805	565 713,230	21,572	21,108
42	26	97 174	25 360,955	539 488,425	21,272	20,809
43	27	97 010	24 521,297	514 127,470	20,967	20,503
44	28	96 830	23 705,368	489 606,172	20,654	20,190
45	29	96 632	22 912,254	465 900,804	20,334	19,871
46	30	96 409	22 139,950	442 988,550	20,009	19,545
47	31	96 170	21 389,849	420 848,600	19,675	19,212
48	32	95 901	20 658,469	399 458,751	19,336	18,873
49	33	95 600	19 945,559	378 800,283	18,992	18,528
50	34	95 266	19 250,085	358 854,724	18,642	18,178
51	35	94 893	18 571,299	339 604,638	18,287	17,823
52	36	94 489	17 910,072	321 033,339	17,925	17,461
53	37	94 027	17 261,457	303 123,267	17,561	17,097
54	38	93 515	16 627,101	285 861,810	17,193	16,729
55	39	92 939	16 004,586	269 234,709	16,822	16,359
56	40	92 313	15 396,329	253 230,123	16,447	15,984
57	41	91 620	14 799,795	237 833,794	16,070	15,606
58	42	90 860	14 215,006	223 033,999	15,690	15,226
59	43	90 018	13 640,027	208 818,993	15,309	14,846
60	44	89 105	13 076,697	195 178,966	14,926	14,462
61	45	88 120	12 525,122	182 102,269	14,539	14,075
62	46	87 055	11 984,232	169 577,147	14,150	13,686
63	47	85 890	11 451,690	157 592,915	13,762	13,298
64	48	84 646	10 930,593	146 141,225	13,370	12,906
65	49	83 304	10 418,696	135 210,632	12,978	12,514
66	50	81 876	9 917,685	124 791,936	12,583	12,119
67	51	80 379	9 429,877	114 874,252	12,182	11,718
68	52	78 761	8 949,269	105 444,374	11,782	11,319
69	53	77 098	8 484,578	96 495,105	11,373	10,909
70	54	75 301	8 025,945	88 010,527	10,966	10,502
71	55	73 392	7 576,286	79 984,582	10,557	10,094
72	56	71 365	7 135,110	72 408,296	10,148	9,685
73	57	69 247	6 705,462	65 273,186	9,734	9,271
74	58	67 019	6 285,433	58 567,724	9,318	8,854
75	59	64 661	5 873,344	52 282,290	8,902	8,438
76	60	62 158	5 468,337	46 408,946	8,487	8,023
77	61	59 496	5 069,372	40 940,609	8,076	7,612
78	62	56 722	4 680,912	35 871,237	7,663	7,200
79	63	53 771	4 297,653	31 190,325	7,258	6,794
80	64	50 624	3 918,803	26 892,672	6,862	6,399
81	65	47 311	3 547,055	22 973,869	6,477	6,013
82	66	43 809	3 181,142	19 426,814	6,107	5,643
83	67	40 180	2 825,736	16 245,672	5,749	5,286
84	68	36 416	2 480,423	13 419,936	5,410	4,947
85	69	32 608	2 151,147	10 939,514	5,085	4,622
86	70	28 777	1 838,663	8 788,366	4,780	4,316
87	71	25 015	1 547,963	6 949,704	4,490	4,026
88	72	21 398	1 282,450	5 401,741	4,212	3,748
89	73	17 978	1 043,576	4 119,291	3,947	3,484
90	74	14 824	833,434	3 075,715	3,690	3,227
91	75	11 955	650,933	2 242,281	3,445	2,981
92	76	9 353	493,251	1 591,348	3,226	2,763
93	77	7 097	362,515	1 098,097	3,029	2,565
94	78	5 236	259,001	735,582	2,840	2,376
95	79	3 697	177,120	476,581	2,691	2,227
96	80	2 553	118,462	299,461	2,528	2,064
97	81	1 687	75,837	180,999	2,387	1,923
98	82	1 068	46,480	105,161	2,262	1,799
99	83	647	27,293	58,681	2,150	1,686
100	84	375	15,319	31,388	2,049	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	57 738,223	1 540 923,139	26,688	26,224
18	1	99 114	55 733,117	1 483 184,915	26,612	26,149
19	2	99 053	53 945,646	1 427 451,798	26,461	25,997
20	3	99 000	52 219,564	1 373 506,152	26,303	25,839
21	4	98 943	50 547,029	1 321 286,588	26,140	25,676
22	5	98 890	48 929,618	1 270 739,559	25,971	25,507
23	6	98 838	47 364,535	1 221 809,941	25,796	25,332
24	7	98 786	45 849,557	1 174 445,406	25,615	25,152
25	8	98 734	44 382,697	1 128 595,849	25,429	24,965
26	9	98 680	42 962,321	1 084 213,152	25,236	24,773
27	10	98 627	41 587,589	1 041 250,832	25,038	24,574
28	11	98 569	40 254,896	999 663,243	24,833	24,370
29	12	98 511	38 964,808	959 408,347	24,622	24,159
30	13	98 447	37 713,720	920 443,538	24,406	23,942
31	14	98 382	36 502,433	882 729,818	24,183	23,719
32	15	98 304	35 325,403	846 227,385	23,955	23,492
33	16	98 222	34 185,221	810 901,982	23,721	23,257
34	17	98 139	33 080,995	776 716,761	23,479	23,016
35	18	98 045	32 009,216	743 635,766	23,232	22,768
36	19	97 938	30 967,833	711 626,550	22,980	22,516
37	20	97 833	29 960,662	680 658,717	22,718	22,255
38	21	97 723	28 985,033	650 698,055	22,449	21,986
39	22	97 604	28 038,567	621 713,022	22,173	21,710
40	23	97 481	27 121,665	593 674,455	21,889	21,426
41	24	97 337	26 229,253	566 552,790	21,600	21,136
42	25	97 192	25 365,685	540 323,537	21,301	20,838
43	26	97 029	24 526,070	514 957,852	20,996	20,533
44	27	96 851	23 710,547	490 431,783	20,684	20,220
45	28	96 656	22 917,970	466 721,235	20,365	19,901
46	29	96 434	22 145,681	443 803,265	20,040	19,577
47	30	96 199	21 396,202	421 657,585	19,707	19,243
48	31	95 931	20 665,065	400 261,383	19,369	18,905
49	32	95 633	19 952,483	379 596,318	19,025	18,561
50	33	95 299	19 256,942	359 643,835	18,676	18,212
51	34	94 930	18 578,565	340 386,893	18,321	17,858
52	35	94 527	17 917,284	321 808,327	17,961	17,497
53	36	94 071	17 269,554	303 891,044	17,597	17,133
54	37	93 558	16 634,757	286 621,490	17,230	16,767
55	38	92 993	16 013,965	269 986,733	16,859	16,396
56	39	92 368	15 405,506	253 972,768	16,486	16,022
57	40	91 682	14 809,846	238 567,262	16,109	15,645
58	41	90 929	14 225,858	223 757,416	15,729	15,265
59	42	90 093	13 651,355	209 531,558	15,349	14,885
60	43	89 185	13 088,476	195 880,202	14,966	14,502
61	44	88 210	12 537,911	182 791,727	14,579	14,115
62	45	87 152	11 997,572	170 253,816	14,191	13,727
63	46	85 999	11 466,249	158 256,243	13,802	13,338
64	47	84 768	10 946,285	146 789,994	13,410	12,946
65	48	83 438	10 435,388	135 843,709	13,018	12,554
66	49	82 024	9 935,683	125 408,321	12,622	12,158
67	50	80 537	9 448,497	115 472,638	12,221	11,758
68	51	78 935	8 969,080	106 024,141	11,821	11,357
69	52	77 288	8 505,462	97 055,061	11,411	10,947
70	53	75 507	8 047,941	88 549,600	11,003	10,539
71	54	73 614	7 599,157	80 501,658	10,593	10,130
72	55	71 602	7 158,830	72 902,502	10,184	9,720
73	56	69 499	6 729,817	65 743,672	9,769	9,305
74	57	67 288	6 310,627	59 013,855	9,352	8,888
75	58	64 947	5 899,363	52 703,228	8,934	8,470
76	59	62 460	5 494,877	46 803,864	8,518	8,054
77	60	59 819	5 096,849	41 308,987	8,105	7,641
78	61	57 042	4 707,250	36 212,138	7,693	7,229
79	62	54 099	4 323,928	31 504,888	7,286	6,823
80	63	50 960	3 944,777	27 180,960	6,890	6,427
81	64	47 658	3 573,094	23 236,183	6,503	6,039
82	65	44 163	3 206,835	19 663,090	6,132	5,668
83	66	40 534	2 850,637	16 456,254	5,773	5,309
84	67	36 772	2 504,704	13 605,617	5,432	4,968
85	68	32 945	2 173,348	11 100,913	5,108	4,644
86	69	29 102	1 859,437	8 927,565	4,801	4,338
87	70	25 323	1 567,055	7 068,128	4,510	4,047
88	71	21 688	1 299,855	5 501,073	4,232	3,768
89	72	18 241	1 058,833	4 201,218	3,968	3,504
90	73	15 058	846,541	3 142,385	3,712	3,248
91	74	12 163	662,263	2 295,844	3,467	3,003
92	75	9 535	502,839	1 633,581	3,249	2,785
93	76	7 256	370,604	1 130,742	3,051	2,587
94	77	5 367	265,493	760,138	2,863	2,399
95	78	3 804	182,241	494,645	2,714	2,251
96	79	2 640	122,495	312,404	2,550	2,087
97	80	1 755	78,867	189,909	2,408	1,944
98	81	1 117	48,623	111,042	2,284	1,820
99	82	682	28,740	62,419	2,172	1,708
100	83	398	16,264	33,680	2,071	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	55 904,401	1 484 224,801	26,549	26,086
19	1	99 076	53 958,114	1 428 320,400	26,471	26,007
20	2	99 012	52 225,783	1 374 362,287	26,316	25,852
21	3	98 955	50 553,052	1 322 136,504	26,153	25,690
22	4	98 899	48 934,067	1 271 583,452	25,986	25,522
23	5	98 846	47 368,087	1 222 649,384	25,812	25,348
24	6	98 793	45 852,576	1 175 281,297	25,632	25,168
25	7	98 739	44 384,885	1 129 428,722	25,446	24,983
26	8	98 686	42 964,981	1 085 043,837	25,254	24,791
27	9	98 633	41 590,280	1 042 078,856	25,056	24,592
28	10	98 575	40 257,282	1 000 488,576	24,852	24,389
29	11	98 518	38 967,711	960 231,295	24,642	24,178
30	12	98 454	37 716,704	921 263,584	24,426	23,962
31	13	98 390	36 505,562	883 546,880	24,203	23,739
32	14	98 314	35 329,111	847 041,318	23,976	23,512
33	15	98 235	34 189,498	811 712,207	23,742	23,278
34	16	98 153	33 085,663	777 522,709	23,500	23,037
35	17	98 060	32 013,904	744 437,046	23,254	22,790
36	18	97 958	30 974,141	712 423,142	23,001	22,537
37	19	97 851	29 966,446	681 449,002	22,740	22,277
38	20	97 741	28 990,402	651 482,555	22,472	22,009
39	21	97 620	28 043,209	622 492,154	22,198	21,734
40	22	97 498	27 126,359	594 448,944	21,914	21,450
41	23	97 358	26 234,945	567 322,585	21,625	21,161
42	24	97 208	25 369,987	541 087,640	21,328	20,864
43	25	97 047	24 530,644	515 717,653	21,023	20,560
44	26	96 870	23 715,162	491 187,009	20,712	20,248
45	27	96 677	22 922,977	467 471,848	20,393	19,930
46	28	96 458	22 151,205	444 548,871	20,069	19,605
47	29	96 224	21 401,740	422 397,666	19,737	19,273
48	30	95 960	20 671,203	400 995,925	19,399	18,935
49	31	95 664	19 958,854	380 324,723	19,055	18,592
50	32	95 333	19 263,627	360 365,869	18,707	18,243
51	33	94 964	18 585,183	341 102,241	18,353	17,890
52	34	94 564	17 924,294	322 517,059	17,993	17,530
53	35	94 109	17 276,507	304 592,765	17,630	17,167
54	36	93 602	16 642,559	287 316,257	17,264	16,800
55	37	93 036	16 021,338	270 673,698	16,895	16,431
56	38	92 422	15 414,534	254 652,359	16,520	16,057
57	39	91 737	14 818,674	239 237,825	16,144	15,681
58	40	90 991	14 235,520	224 419,152	15,765	15,301
59	41	90 161	13 661,777	210 183,632	15,385	14,921
60	42	89 259	13 099,346	196 521,855	15,002	14,539
61	43	88 290	12 549,205	183 422,509	14,616	14,153
62	44	87 241	12 009,823	170 873,305	14,228	13,764
63	45	86 095	11 479,013	158 863,482	13,839	13,376
64	46	84 876	10 960,201	147 384,468	13,447	12,984
65	47	83 558	10 450,369	136 424,267	13,054	12,591
66	48	82 156	9 951,601	125 973,898	12,659	12,195
67	49	80 683	9 465,644	116 022,296	12,257	11,794
68	50	79 091	8 986,790	106 556,653	11,857	11,393
69	51	77 459	8 524,290	97 569,863	11,446	10,982
70	52	75 693	8 067,750	89 045,573	11,037	10,574
71	53	73 816	7 619,983	80 977,823	10,627	10,163
72	54	71 818	7 180,441	73 357,840	10,216	9,753
73	55	69 730	6 752,189	66 177,399	9,801	9,337
74	56	67 532	6 333,548	59 425,210	9,383	8,919
75	57	65 207	5 923,010	53 091,662	8,964	8,500
76	58	62 737	5 519,220	47 168,653	8,546	8,083
77	59	60 109	5 121,587	41 649,433	8,132	7,669
78	60	57 351	4 732,764	36 527,846	7,718	7,254
79	61	54 404	4 348,257	31 795,082	7,312	6,849
80	62	51 271	3 968,895	27 446,825	6,915	6,452
81	63	47 974	3 596,776	23 477,931	6,527	6,064
82	64	44 488	3 230,376	19 881,155	6,154	5,691
83	65	40 861	2 873,662	16 650,778	5,794	5,331
84	66	37 096	2 526,777	13 777,117	5,452	4,989
85	67	33 267	2 194,623	11 250,340	5,126	4,663
86	68	29 403	1 878,626	9 055,716	4,820	4,357
87	69	25 609	1 584,761	7 177,090	4,529	4,065
88	70	21 956	1 315,887	5 592,330	4,250	3,786
89	71	18 488	1 073,204	4 276,442	3,985	3,521
90	72	15 278	858,917	3 203,239	3,729	3,266
91	73	12 354	672,678	2 344,322	3,485	3,021
92	74	9 701	511,592	1 671,643	3,268	2,804
93	75	7 397	377,808	1 160,052	3,070	2,607
94	76	5 487	271,417	782,244	2,882	2,418
95	77	3 899	186,809	510,827	2,734	2,271
96	78	2 716	126,037	324,018	2,571	2,107
97	79	1 815	81,551	197,981	2,428	1,964
98	80	1 162	50,565	116,430	2,303	1,839
99	81	713	30,064	65,865	2,191	1,727
100	82	419	17,126	35,801	2,090	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	54 123,942	1 429 282,386	26,408	25,944
20	1	99 035	52 237,853	1 375 158,444	26,325	25,861
21	2	98 967	50 559,073	1 322 920,592	26,166	25,702
22	3	98 911	48 939,898	1 272 361,519	25,998	25,535
23	4	98 855	47 372,395	1 223 421,621	25,826	25,362
24	5	98 800	45 856,014	1 176 049,226	25,647	25,183
25	6	98 745	44 387,807	1 130 193,212	25,462	24,998
26	7	98 691	42 967,099	1 085 805,405	25,271	24,807
27	8	98 639	41 592,855	1 042 838,307	25,073	24,609
28	9	98 581	40 259,887	1 001 245,452	24,870	24,406
29	10	98 524	38 970,020	960 985,565	24,660	24,196
30	11	98 462	37 719,514	922 015,545	24,444	23,980
31	12	98 398	36 508,450	884 296,031	24,222	23,758
32	13	98 322	35 332,139	847 787,581	23,995	23,531
33	14	98 245	34 193,086	812 455,442	23,761	23,297
34	15	98 165	33 089,803	778 262,355	23,520	23,056
35	16	98 074	32 018,422	745 172,552	23,273	22,810
36	17	97 973	30 978,676	713 154,131	23,021	22,557
37	18	97 871	29 972,550	682 175,455	22,760	22,296
38	19	97 760	28 995,998	652 202,905	22,493	22,029
39	20	97 638	28 048,403	623 206,906	22,219	21,755
40	21	97 514	27 130,851	595 158,503	21,937	21,473
41	22	97 375	26 239,486	568 027,652	21,648	21,184
42	23	97 229	25 375,493	541 788,166	21,351	20,887
43	24	97 063	24 534,804	516 412,673	21,048	20,585
44	25	96 888	23 719,585	491 877,869	20,737	20,274
45	26	96 696	22 927,438	468 158,285	20,419	19,956
46	27	96 479	22 156,044	445 230,847	20,095	19,632
47	28	96 248	21 407,079	423 074,802	19,763	19,300
48	29	95 984	20 676,553	401 667,723	19,426	18,963
49	30	95 692	19 964,782	380 991,170	19,083	18,620
50	31	95 363	19 269,778	361 026,387	18,735	18,272
51	32	94 997	18 591,635	341 756,609	18,382	17,919
52	33	94 598	17 930,678	323 164,975	18,023	17,559
53	34	94 145	17 283,267	305 234,296	17,661	17,197
54	35	93 639	16 649,261	287 951,029	17,295	16,831
55	36	93 080	16 028,853	271 301,768	16,926	16,462
56	37	92 464	15 421,631	255 272,915	16,553	16,089
57	38	91 790	14 827,357	239 851,284	16,176	15,713
58	39	91 045	14 244,005	225 023,926	15,798	15,334
59	40	90 223	13 671,056	210 779,921	15,418	14,954
60	41	89 327	13 109,346	197 108,866	15,036	14,572
61	42	88 363	12 559,627	183 999,519	14,650	14,186
62	43	87 320	12 020,641	171 439,893	14,262	13,799
63	44	86 183	11 490,734	159 419,252	13,874	13,410
64	45	84 970	10 972,402	147 928,518	13,482	13,018
65	46	83 664	10 463,655	136 956,116	13,089	12,625
66	47	82 274	9 965,888	126 492,460	12,693	12,229
67	48	80 813	9 480,809	116 526,572	12,291	11,827
68	49	79 235	9 003,098	107 045,763	11,890	11,426
69	50	77 612	8 541,122	98 042,665	11,479	11,015
70	51	75 861	8 085,609	89 501,544	11,069	10,606
71	52	73 997	7 638,739	81 415,934	10,658	10,195
72	53	72 015	7 200,120	73 777,196	10,247	9,783
73	54	69 940	6 772,572	66 577,076	9,830	9,367
74	55	67 757	6 354,603	59 804,504	9,411	8,948
75	56	65 444	5 944,522	53 449,901	8,991	8,528
76	57	62 988	5 541,343	47 505,379	8,573	8,109
77	58	60 375	5 144,276	41 964,036	8,157	7,694
78	59	57 629	4 755,734	36 819,760	7,742	7,279
79	60	54 699	4 371,825	32 064,026	7,334	6,871
80	61	51 560	3 991,226	27 692,201	6,938	6,475
81	62	48 268	3 618,766	23 700,975	6,549	6,086
82	63	44 782	3 251,787	20 082,209	6,176	5,712
83	64	41 161	2 894,757	16 830,421	5,814	5,350
84	65	37 396	2 547,185	13 935,664	5,471	5,007
85	66	33 560	2 213,963	11 388,479	5,144	4,680
86	67	29 690	1 897,017	9 174,516	4,836	4,373
87	68	25 874	1 601,116	7 277,499	4,545	4,082
88	69	22 204	1 330,755	5 676,384	4,266	3,802
89	70	18 716	1 086,440	4 345,629	4,000	3,536
90	71	15 485	870,574	3 259,189	3,744	3,280
91	72	12 534	682,513	2 388,614	3,500	3,036
92	73	9 853	519,637	1 706,101	3,283	2,820
93	74	7 526	384,384	1 186,464	3,087	2,623
94	75	5 593	276,693	802,080	2,899	2,435
95	76	3 986	190,977	525,388	2,751	2,287
96	77	2 784	129,196	334,410	2,588	2,125
97	78	1 867	83,909	205,215	2,446	1,982
98	79	1 201	52,286	121,305	2,320	1,856
99	80	742	31,265	69,019	2,208	1,744
100	81	439	17,916	37,754	2,107	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	52 398,394	1 376 048,623	26,261	25,798
21	1	98 990	50 570,757	1 323 650,228	26,174	25,711
22	2	98 923	48 945,726	1 273 079,471	26,010	25,546
23	3	98 866	47 378,039	1 224 133,745	25,838	25,374
24	4	98 809	45 860,185	1 176 755,706	25,660	25,196
25	5	98 752	44 391,136	1 130 895,521	25,476	25,012
26	6	98 698	42 969,927	1 086 504,385	25,285	24,822
27	7	98 644	41 594,906	1 043 534,458	25,088	24,624
28	8	98 587	40 262,379	1 001 939,553	24,885	24,422
29	9	98 530	38 972,542	961 677,173	24,676	24,212
30	10	98 468	37 721,749	922 704,632	24,461	23,997
31	11	98 405	36 511,170	884 982,883	24,239	23,775
32	12	98 330	35 334,935	848 471,713	24,012	23,549
33	13	98 253	34 196,018	813 136,778	23,779	23,315
34	14	98 175	33 093,275	778 940,760	23,538	23,074
35	15	98 086	32 022,428	745 847,485	23,291	22,828
36	16	97 987	30 983,048	713 825,057	23,039	22,576
37	17	97 886	29 976,939	682 842,009	22,779	22,315
38	18	97 780	29 001,904	652 865,070	22,511	22,047
39	19	97 657	28 053,818	623 863,166	22,238	21,774
40	20	97 532	27 135,876	595 809,347	21,957	21,493
41	21	97 391	26 243,831	568 673,472	21,669	21,205
42	22	97 246	25 379,885	542 429,641	21,372	20,909
43	23	97 084	24 540,129	517 049,756	21,070	20,606
44	24	96 904	23 723,607	492 509,627	20,760	20,297
45	25	96 714	22 931,714	468 786,020	20,443	19,979
46	26	96 498	22 160,356	445 854,306	20,119	19,656
47	27	96 269	21 411,756	423 693,950	19,788	19,324
48	28	96 008	20 681,711	402 282,194	19,451	18,987
49	29	95 717	19 969,950	381 600,482	19,109	18,645
50	30	95 391	19 275,502	361 630,532	18,761	18,298
51	31	95 027	18 597,571	342 355,031	18,409	17,945
52	32	94 630	17 936,903	323 757,460	18,050	17,586
53	33	94 179	17 289,423	305 820,556	17,688	17,225
54	34	93 676	16 655,775	288 531,133	17,323	16,860
55	35	93 117	16 035,307	271 875,358	16,955	16,491
56	36	92 508	15 428,865	255 840,051	16,582	16,118
57	37	91 833	14 834,184	240 411,186	16,207	15,743
58	38	91 098	14 252,352	225 577,001	15,827	15,364
59	39	90 276	13 679,204	211 324,650	15,449	14,985
60	40	89 388	13 118,250	197 645,445	15,066	14,603
61	41	88 430	12 569,215	184 527,196	14,681	14,217
62	42	87 392	12 030,624	171 957,980	14,293	13,830
63	43	86 261	11 501,084	159 927,356	13,905	13,442
64	44	85 057	10 983,606	148 426,272	13,513	13,050
65	45	83 757	10 475,303	137 442,666	13,121	12,657
66	46	82 378	9 978,558	126 967,363	12,724	12,260
67	47	80 929	9 494,420	116 988,805	12,322	11,858
68	48	79 362	9 017,522	107 494,385	11,921	11,457
69	49	77 753	8 556,621	98 476,863	11,509	11,045
70	50	76 011	8 101,575	89 920,241	11,099	10,635
71	51	74 161	7 655,648	81 818,666	10,687	10,224
72	52	72 192	7 217,842	74 163,018	10,275	9,811
73	53	70 132	6 791,133	66 945,177	9,858	9,394
74	54	67 961	6 373,786	60 154,043	9,438	8,974
75	55	65 662	5 964,284	53 780,258	9,017	8,553
76	56	63 217	5 561,469	47 815,973	8,598	8,134
77	57	60 617	5 164,896	42 254,504	8,181	7,717
78	58	57 884	4 776,803	37 089,609	7,765	7,301
79	59	54 964	4 393,044	32 312,806	7,355	6,892
80	60	51 839	4 012,859	27 919,762	6,958	6,494
81	61	48 539	3 639,127	23 906,903	6,569	6,106
82	62	45 056	3 271,668	20 267,776	6,195	5,731
83	63	41 434	2 913,943	16 996,108	5,833	5,369
84	64	37 671	2 565,884	14 082,164	5,488	5,025
85	65	33 831	2 231,845	11 516,280	5,160	4,696
86	66	29 952	1 913,734	9 284,435	4,851	4,388
87	67	26 127	1 616,789	7 370,701	4,559	4,095
88	68	22 433	1 344,489	5 753,912	4,280	3,816
89	69	18 928	1 098,715	4 409,423	4,013	3,550
90	70	15 676	881,312	3 310,708	3,757	3,293
91	71	12 705	691,776	2 429,396	3,512	3,048
92	72	9 997	527,234	1 737,620	3,296	2,832
93	73	7 644	390,429	1 210,386	3,100	2,637
94	74	5 691	281,509	819,957	2,913	2,449
95	75	4 063	194,690	538,448	2,766	2,302
96	76	2 846	132,078	343,759	2,603	2,139
97	77	1 914	86,012	211,680	2,461	1,997
98	78	1 236	53,798	125,668	2,336	1,872
99	79	767	32,330	71,870	2,223	1,759
100	80	456	18,631	39,540	2,122	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	50 726,175	1 324 474,182	26,110	25,647
22	1	98 946	48 957,038	1 273 748,007	26,018	25,554
23	2	98 878	47 383,681	1 224 790,968	25,848	25,385
24	3	98 821	45 865,649	1 177 407,287	25,671	25,207
25	4	98 761	44 395,173	1 131 541,638	25,488	25,024
26	5	98 705	42 973,150	1 087 146,466	25,298	24,835
27	6	98 651	41 597,644	1 044 173,315	25,102	24,638
28	7	98 592	40 264,364	1 002 575,672	24,900	24,436
29	8	98 537	38 974,955	962 311,307	24,691	24,227
30	9	98 474	37 724,190	923 336,353	24,476	24,012
31	10	98 411	36 513,334	885 612,163	24,254	23,791
32	11	98 337	35 337,567	849 098,829	24,028	23,565
33	12	98 261	34 198,723	813 761,263	23,795	23,331
34	13	98 184	33 096,112	779 562,539	23,555	23,091
35	14	98 096	32 025,788	746 466,427	23,308	22,845
36	15	97 999	30 986,925	714 440,639	23,056	22,593
37	16	97 900	29 981,170	683 453,714	22,796	22,332
38	17	97 794	29 006,151	653 472,544	22,529	22,065
39	18	97 677	28 059,532	624 466,393	22,255	21,791
40	19	97 551	27 141,114	596 406,861	21,974	21,511
41	20	97 409	26 248,691	569 265,746	21,687	21,224
42	21	97 262	25 384,088	543 017,055	21,392	20,928
43	22	97 101	24 544,376	517 632,967	21,090	20,626
44	23	96 925	23 728,756	493 088,591	20,780	20,317
45	24	96 730	22 935,603	469 359,835	20,464	20,001
46	25	96 516	22 164,489	446 424,232	20,141	19,678
47	26	96 287	21 415,923	424 259,743	19,810	19,347
48	27	96 029	20 686,230	402 843,820	19,474	19,010
49	28	95 741	19 974,932	382 157,590	19,132	18,668
50	29	95 416	19 280,491	362 182,659	18,785	18,321
51	30	95 056	18 603,095	342 902,168	18,433	17,969
52	31	94 661	17 942,631	324 299,073	18,074	17,611
53	32	94 212	17 295,425	306 356,442	17,713	17,250
54	33	93 709	16 661,707	289 061,017	17,349	16,885
55	34	93 154	16 041,581	272 399,310	16,981	16,517
56	35	92 545	15 435,077	256 357,728	16,609	16,145
57	36	91 876	14 841,143	240 922,651	16,233	15,770
58	37	91 140	14 258,914	226 081,508	15,855	15,392
59	38	90 329	13 687,221	211 822,594	15,476	15,012
60	39	89 441	13 126,069	198 135,373	15,095	14,631
61	40	88 491	12 577,752	185 009,304	14,709	14,246
62	41	87 459	12 039,809	172 431,553	14,322	13,858
63	42	86 332	11 510,636	160 391,744	13,934	13,471
64	43	85 133	10 993,499	148 881,108	13,543	13,079
65	44	83 842	10 485,999	137 887,609	13,150	12,686
66	45	82 470	9 989,666	127 401,609	12,753	12,290
67	46	81 032	9 506,490	117 411,943	12,351	11,887
68	47	79 476	9 030,468	107 905,453	11,949	11,485
69	48	77 877	8 570,330	98 874,985	11,537	11,073
70	49	76 148	8 116,277	90 304,654	11,126	10,663
71	50	74 308	7 670,765	82 188,377	10,714	10,251
72	51	72 352	7 233,820	74 517,613	10,301	9,838
73	52	70 305	6 807,849	67 283,793	9,883	9,420
74	53	68 148	6 391,254	60 475,944	9,462	8,999
75	54	65 860	5 982,289	54 084,691	9,041	8,577
76	55	63 427	5 579,957	48 102,402	8,621	8,157
77	56	60 837	5 183,655	42 522,444	8,203	7,740
78	57	58 116	4 795,949	37 338,790	7,785	7,322
79	58	55 208	4 412,505	32 542,840	7,375	6,912
80	59	52 091	4 032,335	28 130,335	6,976	6,513
81	60	48 802	3 658,852	24 098,000	6,586	6,123
82	61	45 310	3 290,076	20 439,147	6,212	5,749
83	62	41 687	2 931,759	17 149,071	5,849	5,386
84	63	37 920	2 582,891	14 217,312	5,504	5,041
85	64	34 080	2 248,229	11 634,421	5,175	4,711
86	65	30 194	1 929,191	9 386,193	4,865	4,402
87	66	26 357	1 631,037	7 457,002	4,572	4,108
88	67	22 652	1 357,650	5 825,965	4,291	3,828
89	68	19 123	1 110,054	4 468,314	4,025	3,562
90	69	15 853	891,269	3 358,260	3,768	3,304
91	70	12 861	700,308	2 466,991	3,523	3,059
92	71	10 133	534,390	1 766,683	3,306	2,842
93	72	7 756	396,137	1 232,293	3,111	2,647
94	73	5 780	285,936	836,156	2,924	2,461
95	74	4 134	198,078	550,220	2,778	2,314
96	75	2 902	134,646	352,141	2,615	2,152
97	76	1 957	87,932	217,496	2,473	2,010
98	77	1 267	55,146	129,564	2,349	1,886
99	78	789	33,264	74,418	2,237	1,774
100	79	472	19,266	41,153	2,136	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	49 107,497	1 274 510,869	25,953	25,490
23	1	98 901	47 394,632	1 225 403,372	25,855	25,392
24	2	98 833	45 871,111	1 178 008,740	25,681	25,217
25	3	98 773	44 400,462	1 132 137,629	25,498	25,035
26	4	98 714	42 977,058	1 087 737,166	25,310	24,846
27	5	98 658	41 600,764	1 044 760,108	25,114	24,650
28	6	98 599	40 267,015	1 003 159,345	24,913	24,449
29	7	98 541	38 976,876	962 892,330	24,704	24,241
30	8	98 480	37 726,526	923 915,454	24,490	24,026
31	9	98 417	36 515,696	886 188,928	24,269	23,805
32	10	98 343	35 339,661	849 673,232	24,043	23,579
33	11	98 268	34 201,271	814 333,571	23,810	23,346
34	12	98 191	33 098,731	780 132,301	23,570	23,106
35	13	98 105	32 028,534	747 033,570	23,324	22,860
36	14	98 009	30 990,177	715 005,036	23,072	22,608
37	15	97 912	29 984,921	684 014,859	22,812	22,348
38	16	97 808	29 010,245	654 029,938	22,545	22,081
39	17	97 691	28 063,641	625 019,693	22,272	21,808
40	18	97 571	27 146,643	596 956,052	21,990	21,526
41	19	97 428	26 253,759	569 809,410	21,704	21,240
42	20	97 280	25 388,789	543 555,651	21,409	20,946
43	21	97 117	24 548,440	518 166,862	21,108	20,644
44	22	96 942	23 732,863	493 618,422	20,799	20,335
45	23	96 751	22 940,581	469 885,559	20,483	20,019
46	24	96 533	22 168,248	446 944,978	20,161	19,698
47	25	96 305	21 419,917	424 776,730	19,831	19,367
48	26	96 048	20 690,256	403 356,813	19,495	19,031
49	27	95 762	19 979,296	382 666,557	19,153	18,690
50	28	95 440	19 285,301	362 687,262	18,806	18,343
51	29	95 080	18 607,910	343 401,961	18,455	17,991
52	30	94 689	17 947,960	324 794,051	18,096	17,633
53	31	94 242	17 300,948	306 846,091	17,736	17,272
54	32	93 742	16 667,492	289 545,143	17,372	16,908
55	33	93 187	16 047,295	272 877,651	17,005	16,541
56	34	92 581	15 441,117	256 830,356	16,633	16,169
57	35	91 913	14 847,118	241 389,239	16,258	15,795
58	36	91 183	14 265,603	226 542,121	15,880	15,417
59	37	90 371	13 693,523	212 276,518	15,502	15,038
60	38	89 494	13 133,761	198 582,996	15,120	14,656
61	39	88 543	12 585,249	185 449,235	14,735	14,272
62	40	87 518	12 047,985	172 863,986	14,348	13,884
63	41	86 398	11 519,424	160 816,001	13,960	13,497
64	42	85 204	11 002,630	149 296,577	13,569	13,106
65	43	83 918	10 495,445	138 293,948	13,177	12,713
66	44	82 554	9 999,866	127 798,503	12,780	12,316
67	45	81 122	9 517,073	117 798,637	12,378	11,914
68	46	79 577	9 041,949	108 281,564	11,975	11,512
69	47	77 989	8 582,634	99 239,615	11,563	11,099
70	48	76 270	8 129,280	90 656,981	11,152	10,688
71	49	74 442	7 684,685	82 527,701	10,739	10,276
72	50	72 495	7 248,103	74 843,015	10,326	9,862
73	51	70 460	6 822,919	67 594,912	9,907	9,443
74	52	68 315	6 406,985	60 771,993	9,485	9,022
75	53	66 041	5 998,684	54 365,008	9,063	8,599
76	54	63 619	5 596,802	48 366,324	8,642	8,178
77	55	61 040	5 200,887	42 769,522	8,224	7,760
78	56	58 328	4 813,368	37 568,635	7,805	7,341
79	57	55 429	4 430,192	32 755,267	7,394	6,930
80	58	52 322	4 050,199	28 325,075	6,994	6,530
81	59	49 039	3 676,610	24 274,876	6,603	6,139
82	60	45 555	3 307,909	20 598,265	6,227	5,763
83	61	41 922	2 948,254	17 290,356	5,865	5,401
84	62	38 152	2 598,682	14 342,102	5,519	5,055
85	63	34 306	2 263,130	11 743,420	5,189	4,725
86	64	30 416	1 943,353	9 480,290	4,878	4,415
87	65	26 570	1 644,211	7 536,937	4,584	4,120
88	66	22 852	1 369,614	5 892,726	4,302	3,839
89	67	19 310	1 120,921	4 523,111	4,035	3,572
90	68	16 017	900,467	3 402,191	3,778	3,315
91	69	13 007	708,221	2 501,723	3,532	3,069
92	70	10 258	540,981	1 793,503	3,315	2,852
93	71	7 861	401,513	1 252,522	3,120	2,656
94	72	5 865	290,117	851,009	2,933	2,470
95	73	4 199	201,193	560,892	2,788	2,324
96	74	2 952	136,989	359,699	2,626	2,162
97	75	1 995	89,641	222,709	2,484	2,021
98	76	1 295	56,377	133,068	2,360	1,897
99	77	809	34,098	76,691	2,249	1,786
100	78	485	19,823	42,593	2,149	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	47 540,289	1 226 109,867	25,791	25,327
24	1	98 856	45 881,712	1 178 569,578	25,687	25,224
25	2	98 785	44 405,750	1 132 687,866	25,508	25,044
26	3	98 726	42 982,179	1 088 282,115	25,319	24,856
27	4	98 667	41 604,547	1 045 299,937	25,125	24,661
28	5	98 606	40 270,035	1 003 695,390	24,924	24,461
29	6	98 548	38 979,442	963 425,355	24,716	24,253
30	7	98 485	37 728,385	924 445,913	24,503	24,039
31	8	98 423	36 517,957	886 717,528	24,282	23,818
32	9	98 350	35 341,948	850 199,570	24,056	23,593
33	10	98 274	34 203,297	814 857,623	23,824	23,360
34	11	98 199	33 101,197	780 654,325	23,584	23,120
35	12	98 112	32 031,068	747 553,129	23,338	22,875
36	13	98 017	30 992,833	715 522,061	23,087	22,623
37	14	97 922	29 988,068	684 529,228	22,827	22,363
38	15	97 820	29 013,875	654 541,160	22,560	22,096
39	16	97 705	28 067,602	625 527,285	22,286	21,823
40	17	97 585	27 150,618	597 459,684	22,005	21,542
41	18	97 448	26 259,106	570 309,066	21,719	21,255
42	19	97 299	25 393,690	544 049,960	21,425	20,961
43	20	97 135	24 552,987	518 656,269	21,124	20,660
44	21	96 958	23 736,793	494 103,282	20,816	20,352
45	22	96 768	22 944,551	470 366,490	20,500	20,037
46	23	96 554	22 173,059	447 421,939	20,179	19,715
47	24	96 322	21 423,550	425 248,879	19,850	19,386
48	25	96 066	20 694,114	403 825,329	19,514	19,050
49	26	95 781	19 983,184	383 131,215	19,173	18,709
50	27	95 461	19 289,514	363 148,031	18,826	18,363
51	28	95 104	18 612,552	343 858,517	18,475	18,011
52	29	94 713	17 952,606	325 245,965	18,117	17,653
53	30	94 270	17 306,086	307 293,359	17,756	17,293
54	31	93 772	16 672,813	289 987,273	17,393	16,929
55	32	93 219	16 052,866	273 314,459	17,026	16,562
56	33	92 614	15 446,616	257 261,593	16,655	16,191
57	34	91 949	14 852,928	241 814,977	16,281	15,817
58	35	91 220	14 271,347	226 962,049	15,903	15,440
59	36	90 413	13 699,946	212 690,702	15,525	15,061
60	37	89 535	13 139,808	198 990,757	15,144	14,680
61	38	88 595	12 592,624	185 850,949	14,759	14,295
62	39	87 570	12 055,167	173 258,325	14,372	13,908
63	40	86 457	11 527,247	161 203,158	13,985	13,521
64	41	85 269	11 011,029	149 675,911	13,593	13,130
65	42	83 988	10 504,161	138 664,881	13,201	12,737
66	43	82 628	10 008,874	128 160,720	12,805	12,341
67	44	81 205	9 526,791	118 151,847	12,402	11,938
68	45	79 665	9 052,014	108 625,056	12,000	11,536
69	46	78 088	8 593,545	99 573,042	11,587	11,123
70	47	76 380	8 140,951	90 979,496	11,176	10,712
71	48	74 562	7 696,997	82 838,546	10,762	10,299
72	49	72 627	7 261,257	75 141,549	10,348	9,885
73	50	70 599	6 836,391	67 880,292	9,929	9,466
74	51	68 467	6 421,168	61 043,901	9,507	9,043
75	52	66 203	6 013,449	54 622,733	9,083	8,620
76	53	63 793	5 612,141	48 609,284	8,661	8,198
77	54	61 224	5 216,587	42 997,143	8,242	7,779
78	55	58 521	4 829,370	37 780,556	7,823	7,359
79	56	55 630	4 446,282	32 951,186	7,411	6,947
80	57	52 531	4 066,433	28 504,904	7,010	6,546
81	58	49 256	3 692,898	24 438,470	6,618	6,154
82	59	45 776	3 323,964	20 745,572	6,241	5,778
83	60	42 149	2 964,235	17 421,608	5,877	5,414
84	61	38 367	2 613,304	14 457,373	5,532	5,069
85	62	34 515	2 276,966	11 844,070	5,202	4,738
86	63	30 617	1 956,234	9 567,103	4,891	4,427
87	64	26 765	1 656,281	7 610,870	4,595	4,132
88	65	23 037	1 380,677	5 954,589	4,313	3,849
89	66	19 481	1 130,799	4 573,912	4,045	3,581
90	67	16 174	909,282	3 443,113	3,787	3,323
91	68	13 141	715,529	2 533,831	3,541	3,078
92	69	10 374	547,093	1 818,302	3,324	2,860
93	70	7 958	406,466	1 271,209	3,127	2,664
94	71	5 944	294,054	864,743	2,941	2,477
95	72	4 261	204,135	570,689	2,796	2,332
96	73	2 999	139,144	366,554	2,634	2,171
97	74	2 029	91,201	227,411	2,494	2,030
98	75	1 320	57,473	136,209	2,370	1,906
99	76	827	34,859	78,737	2,259	1,795
100	77	498	20,319	43,878	2,159	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	46 022,720	1 179 224,059	25,623	25,159
25	1	98 808	44 416,013	1 133 201,339	25,513	25,050
26	2	98 737	42 987,298	1 088 785,327	25,328	24,864
27	3	98 679	41 609,504	1 045 798,029	25,134	24,670
28	4	98 615	40 273,697	1 004 188,525	24,934	24,470
29	5	98 555	38 982,365	963 914,828	24,727	24,263
30	6	98 491	37 730,869	924 932,462	24,514	24,050
31	7	98 428	36 519,757	887 201,593	24,294	23,830
32	8	98 356	35 344,136	850 681,836	24,069	23,605
33	9	98 281	34 205,511	815 337,700	23,836	23,373
34	10	98 205	33 103,158	781 132,189	23,597	23,133
35	11	98 120	32 033,454	748 029,031	23,351	22,888
36	12	98 025	30 995,286	715 995,577	23,100	22,637
37	13	97 930	29 990,638	685 000,292	22,840	22,377
38	14	97 830	29 016,920	655 009,654	22,573	22,110
39	15	97 717	28 071,113	625 992,734	22,300	21,837
40	16	97 599	27 154,449	597 921,621	22,019	21,556
41	17	97 462	26 262,952	570 767,171	21,733	21,269
42	18	97 319	25 398,863	544 504,219	21,438	20,975
43	19	97 154	24 557,727	519 105,357	21,138	20,675
44	20	96 976	23 741,189	494 547,630	20,831	20,367
45	21	96 784	22 948,350	470 806,441	20,516	20,052
46	22	96 570	22 176,897	447 858,090	20,195	19,731
47	23	96 343	21 428,199	425 681,193	19,865	19,402
48	24	96 082	20 697,624	404 252,994	19,531	19,068
49	25	95 798	19 986,911	383 555,370	19,190	18,727
50	26	95 479	19 293,268	363 568,459	18,844	18,381
51	27	95 125	18 616,619	344 275,191	18,493	18,029
52	28	94 737	17 957,084	325 658,573	18,135	17,672
53	29	94 294	17 310,566	307 701,489	17,775	17,312
54	30	93 800	16 677,766	290 390,923	17,412	16,948
55	31	93 249	16 057,992	273 713,157	17,045	16,582
56	32	92 646	15 451,979	257 655,165	16,675	16,211
57	33	91 981	14 858,218	242 203,186	16,301	15,837
58	34	91 255	14 276,931	227 344,968	15,924	15,460
59	35	90 450	13 705,462	213 068,038	15,546	15,083
60	36	89 577	13 145,971	199 362,576	15,165	14,702
61	37	88 636	12 598,422	186 216,604	14,781	14,317
62	38	87 622	12 062,231	173 618,183	14,394	13,930
63	39	86 508	11 534,118	161 555,951	14,007	13,543
64	40	85 327	11 018,508	150 021,833	13,615	13,152
65	41	84 052	10 512,180	139 003,326	13,223	12,759
66	42	82 697	10 017,186	128 491,145	12,827	12,363
67	43	81 278	9 535,372	118 473,959	12,425	11,961
68	44	79 747	9 061,257	108 938,587	12,022	11,559
69	45	78 175	8 603,112	99 877,330	11,609	11,146
70	46	76 477	8 151,301	91 274,219	11,198	10,734
71	47	74 669	7 708,047	83 122,918	10,784	10,320
72	48	72 743	7 272,890	75 414,871	10,369	9,906
73	49	70 728	6 848,798	68 141,981	9,949	9,486
74	50	68 602	6 433,847	61 293,183	9,527	9,063
75	51	66 350	6 026,761	54 859,336	9,103	8,639
76	52	63 950	5 625,954	48 832,576	8,680	8,216
77	53	61 392	5 230,884	43 206,622	8,260	7,796
78	54	58 698	4 843,949	37 975,738	7,840	7,376
79	55	55 815	4 461,064	33 131,789	7,427	6,963
80	56	52 722	4 081,203	28 670,726	7,025	6,561
81	57	49 454	3 707,700	24 589,523	6,632	6,168
82	58	45 979	3 338,690	20 881,822	6,254	5,791
83	59	42 354	2 978,621	17 543,133	5,890	5,426
84	60	38 575	2 627,468	14 564,511	5,543	5,080
85	61	34 710	2 289,778	11 937,043	5,213	4,750
86	62	30 804	1 968,194	9 647,265	4,902	4,438
87	63	26 943	1 667,259	7 679,071	4,606	4,142
88	64	23 206	1 390,812	6 011,813	4,323	3,859
89	65	19 638	1 139,932	4 621,001	4,054	3,590
90	66	16 316	917,295	3 481,069	3,795	3,331
91	67	13 269	722,534	2 563,773	3,548	3,085
92	68	10 481	552,739	1 841,239	3,331	2,867
93	69	8 048	411,058	1 288,500	3,135	2,671
94	70	6 018	297,681	877,442	2,948	2,484
95	71	4 318	206,905	579,761	2,802	2,338
96	72	3 042	141,178	372,856	2,641	2,177
97	73	2 061	92,635	231,678	2,501	2,037
98	74	1 343	58,473	139,043	2,378	1,914
99	75	843	35,537	80,569	2,267	1,804
100	76	509	20,773	45,033	2,168	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	44 552,515	1 133 807,824	25,449	24,985
26	1	98 760	42 997,232	1 089 255,308	25,333	24,870
27	2	98 691	41 614,459	1 046 258,076	25,142	24,678
28	3	98 627	40 278,496	1 004 643,616	24,942	24,479
29	4	98 564	38 985,910	964 365,121	24,736	24,273
30	5	98 499	37 733,699	925 379,210	24,524	24,060
31	6	98 435	36 522,162	887 645,511	24,304	23,841
32	7	98 360	35 345,878	851 123,350	24,080	23,616
33	8	98 287	34 207,628	815 777,471	23,848	23,384
34	9	98 211	33 105,300	781 569,843	23,609	23,145
35	10	98 125	32 035,352	748 464,543	23,364	22,900
36	11	98 033	30 997,594	716 429,191	23,112	22,649
37	12	97 938	29 993,011	685 431,596	22,853	22,389
38	13	97 839	29 019,407	655 438,585	22,586	22,123
39	14	97 728	28 074,059	626 419,178	22,313	21,849
40	15	97 611	27 157,847	598 345,119	22,032	21,569
41	16	97 476	26 266,658	571 187,272	21,746	21,282
42	17	97 333	25 402,582	544 920,614	21,451	20,988
43	18	97 174	24 562,729	519 518,032	21,151	20,687
44	19	96 995	23 745,772	494 955,303	20,844	20,380
45	20	96 802	22 952,600	471 209,530	20,530	20,066
46	21	96 586	22 180,569	448 256,930	20,209	19,746
47	22	96 359	21 431,908	426 076,361	19,880	19,417
48	23	96 103	20 702,116	404 644,452	19,546	19,082
49	24	95 815	19 990,300	383 942,336	19,206	18,743
50	25	95 497	19 296,866	363 952,036	18,861	18,397
51	26	95 143	18 620,242	344 655,170	18,510	18,046
52	27	94 758	17 961,007	326 034,928	18,152	17,689
53	28	94 318	17 314,884	308 073,921	17,792	17,329
54	29	93 824	16 682,083	290 759,037	17,429	16,966
55	30	93 277	16 062,761	274 076,954	17,063	16,599
56	31	92 676	15 456,913	258 014,193	16,692	16,229
57	32	92 013	14 863,376	242 557,280	16,319	15,855
58	33	91 288	14 282,016	227 693,904	15,943	15,479
59	34	90 485	13 710,825	213 411,888	15,565	15,102
60	35	89 613	13 151,265	199 701,064	15,185	14,721
61	36	88 678	12 604,331	186 549,799	14,800	14,337
62	37	87 662	12 067,785	173 945,468	14,414	13,950
63	38	86 559	11 540,877	161 877,683	14,026	13,563
64	39	85 378	11 025,075	150 336,805	13,636	13,172
65	40	84 109	10 519,320	139 311,730	13,243	12,780
66	41	82 760	10 024,833	128 792,410	12,847	12,384
67	42	81 345	9 543,291	118 767,577	12,445	11,982
68	43	79 819	9 069,419	109 224,286	12,043	11,580
69	44	78 255	8 611,896	100 154,867	11,630	11,166
70	45	76 562	8 160,375	91 542,971	11,218	10,754
71	46	74 764	7 717,846	83 382,596	10,804	10,340
72	47	72 847	7 283,331	75 664,749	10,389	9,925
73	48	70 841	6 859,770	68 381,418	9,968	9,505
74	49	68 726	6 445,522	61 521,648	9,545	9,081
75	50	66 481	6 038,661	55 076,126	9,121	8,657
76	51	64 092	5 638,408	49 037,465	8,697	8,233
77	52	61 543	5 243,759	43 399,057	8,276	7,813
78	53	58 859	4 857,224	38 155,298	7,855	7,392
79	54	55 984	4 474,530	33 298,074	7,442	6,978
80	55	52 897	4 094,770	28 823,543	7,039	6,575
81	56	49 633	3 721,167	24 728,773	6,645	6,182
82	57	46 163	3 352,072	21 007,606	6,267	5,803
83	58	42 541	2 991,817	17 655,534	5,901	5,438
84	59	38 762	2 640,221	14 663,717	5,554	5,090
85	60	34 898	2 302,189	12 023,496	5,223	4,759
86	61	30 978	1 979,268	9 721,307	4,912	4,448
87	62	27 107	1 677,452	7 742,040	4,615	4,152
88	63	23 359	1 400,030	6 064,588	4,332	3,868
89	64	19 782	1 148,300	4 664,557	4,062	3,599
90	65	16 448	924,704	3 516,257	3,803	3,339
91	66	13 386	728,901	2 591,553	3,555	3,092
92	67	10 584	558,150	1 862,652	3,337	2,874
93	68	8 131	415,300	1 304,502	3,141	2,677
94	69	6 085	301,044	889,201	2,954	2,490
95	70	4 372	209,457	588,157	2,808	2,344
96	71	3 084	143,094	378,700	2,647	2,183
97	72	2 091	93,990	235,606	2,507	2,043
98	73	1 364	59,393	141,616	2,384	1,921
99	74	858	36,155	82,223	2,274	1,811
100	75	519	21,177	46,068	2,175	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 678 153,431	26,782	26,318
1	1	99 340	95 980,716	2 578 153,431	26,861	26,397
2	2	99 290	92 688,309	2 482 172,715	26,780	26,316
3	3	99 263	89 529,292	2 389 484,405	26,689	26,225
4	4	99 238	86 480,290	2 299 955,114	26,595	26,131
5	5	99 218	83 538,548	2 213 474,823	26,496	26,032
6	6	99 201	80 699,914	2 129 936,275	26,393	25,929
7	7	99 184	77 957,714	2 049 236,361	26,287	25,822
8	8	99 171	75 311,408	1 971 278,647	26,175	25,711
9	9	99 157	72 754,213	1 895 967,239	26,060	25,596
10	10	99 142	70 283,725	1 823 213,026	25,941	25,477
11	11	99 129	67 897,735	1 752 929,301	25,817	25,353
12	12	99 112	65 590,932	1 685 031,566	25,690	25,226
13	13	99 097	63 362,902	1 619 440,634	25,558	25,094
14	14	99 079	61 209,093	1 556 077,733	25,422	24,958
15	15	99 056	59 125,873	1 494 868,639	25,283	24,819
16	16	99 029	57 110,715	1 435 742,767	25,140	24,676
17	17	98 990	55 157,439	1 378 632,051	24,994	24,530
18	18	98 946	53 268,785	1 323 474,612	24,845	24,381
19	19	98 888	51 437,218	1 270 205,827	24,694	24,230
20	20	98 828	49 667,455	1 218 768,609	24,539	24,075
21	21	98 765	47 957,367	1 169 101,154	24,378	23,914
22	22	98 704	46 307,231	1 121 143,787	24,211	23,747
23	23	98 643	44 713,368	1 074 836,556	24,038	23,574
24	24	98 576	43 172,114	1 030 123,187	23,861	23,397
25	25	98 512	41 684,954	986 951,073	23,676	23,212
26	26	98 446	40 248,434	945 266,120	23,486	23,022
27	27	98 380	38 861,387	905 017,686	23,288	22,824
28	28	98 307	37 519,223	866 156,299	23,086	22,622
29	29	98 232	36 222,749	828 637,076	22,876	22,412
30	30	98 150	34 968,734	792 414,327	22,661	22,197
31	31	98 064	33 756,725	757 445,593	22,438	21,974
32	32	97 966	32 582,339	723 688,868	22,211	21,747
33	33	97 863	31 447,551	691 106,529	21,976	21,512
34	34	97 759	30 351,722	659 658,978	21,734	21,270
35	35	97 642	29 290,260	629 307,257	21,485	21,021
36	36	97 516	28 263,265	600 016,997	21,230	20,766
37	37	97 384	27 270,481	571 753,732	20,966	20,502
38	38	97 248	26 311,488	544 483,251	20,694	20,230
39	39	97 089	25 380,175	518 171,763	20,416	19,952
40	40	96 925	24 480,554	492 791,588	20,130	19,666
41	41	96 737	23 606,951	468 311,034	19,838	19,374
42	42	96 536	22 761,061	444 704,083	19,538	19,074
43	43	96 312	21 940,374	421 943,021	19,231	18,767
44	44	96 067	21 144,668	400 002,647	18,917	18,453
45	45	95 797	20 372,147	378 857,979	18,597	18,133
46	46	95 495	19 621,153	358 485,832	18,270	17,806
47	47	95 165	18 892,199	338 864,679	17,937	17,473
48	48	94 793	18 181,858	319 972,480	17,598	17,134
49	49	94 378	17 490,070	301 790,622	17,255	16,791
50	50	93 910	16 814,926	284 300,552	16,908	16,444
51	51	93 395	16 157,252	267 485,626	16,555	16,091
52	52	92 829	15 516,250	251 328,375	16,198	15,734
53	53	92 192	14 888,557	235 812,125	15,838	15,374
54	54	91 481	14 274,231	220 923,567	15,477	15,013
55	55	90 697	13 673,375	206 649,337	15,113	14,649
56	56	89 841	13 086,261	192 975,961	14,746	14,282
57	57	88 905	12 511,925	179 889,700	14,377	13,913
58	58	87 882	11 949,764	167 377,775	14,007	13,543
59	59	86 756	11 397,722	155 428,011	13,637	13,173
60	60	85 538	10 857,726	144 030,289	13,265	12,801
61	61	84 223	10 329,234	133 172,563	12,893	12,429
62	62	82 831	9 815,049	122 843,329	12,516	12,052
63	63	81 330	9 311,213	113 028,280	12,139	11,675
64	64	79 738	8 820,315	103 717,067	11,759	11,295
65	65	78 027	8 339,159	94 896,752	11,380	10,916
66	66	76 212	7 869,781	86 557,593	10,999	10,535
67	67	74 312	7 414,031	78 687,811	10,613	10,149
68	68	72 270	6 966,509	71 273,780	10,231	9,767
69	69	70 194	6 537,567	64 307,272	9,837	9,373
70	70	67 978	6 117,037	57 769,704	9,444	8,980
71	71	65 645	5 707,374	51 652,667	9,050	8,586
72	72	63 186	5 307,831	45 945,293	8,656	8,192
73	73	60 647	4 922,275	40 637,463	8,256	7,792
74	74	58 019	4 549,700	35 715,187	7,850	7,386
75	75	55 263	4 187,049	31 165,487	7,443	6,979
76	76	52 364	3 833,270	26 978,439	7,038	6,574
77	77	49 293	3 486,436	23 145,169	6,639	6,175
78	78	46 104	3 150,599	19 658,733	6,240	5,776
79	79	42 737	2 821,709	16 508,134	5,850	5,386
80	80	39 169	2 498,700	13 686,424	5,477	5,013
81	81	35 458	2 185,474	11 187,725	5,119	4,655
82	82	31 640	1 884,228	9 002,251	4,778	4,314
83	83	27 801	1 599,593	7 118,023	4,450	3,986
84	84	23 966	1 332,286	5 518,429	4,142	3,678
85	85	20 224	1 086,249	4 186,144	3,854	3,390
86	86	16 656	864,346	3 099,895	3,586	3,122
87	87	13 353	669,549	2 235,548	3,339	2,875
88	88	10 406	504,120	1 566,000	3,106	2,642
89	89	7 852	367,536	1 061,879	2,889	2,425
90	90	5 716	258,484	694,343	2,686	2,222
91	91	3 996	174,588	435,859	2,496	2,032
92	92	2 654	112,028	261,270	2,332	1,868
93	93	1 672	68,220	149,242	2,188	1,724
94	94	1 000	39,415	81,022	2,056	1,592
95	95	556	21,160	41,608	1,966	1,502
96	96	298	10,963	20,448	1,865	1,401
97	97	150	5,319	9,484	1,783	1,319
98	98	72	2,459	4,166	1,694	1,230
99	99	32	1,055	1,706	1,617	1,153
100	100	13	0,420	0,651	1,552	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 674 428,135	26,826	26,362	50	51	93 725	16 781,789	281 467,638	16,772	16,308
1	2	99 317	95 958,539	2 574 734,521	26,832	26,368	51	52	93 189	16 121,564	264 685,849	16,418	15,954
2	3	99 278	92 677,272	2 478 775,982	26,746	26,282	52	53	92 601	15 478,153	248 564,285	16,059	15,595
3	4	99 251	89 518,626	2 386 098,710	26,655	26,191	53	54	91 940	14 847,865	233 086,132	15,698	15,234
4	5	99 229	86 472,426	2 296 580,084	26,559	26,095	54	55	91 206	14 231,271	218 238,267	15,335	14,871
5	6	99 210	83 532,283	2 210 107,658	26,458	25,994	55	56	90 397	13 628,070	204 006,997	14,970	14,506
6	7	99 194	80 694,602	2 126 575,374	26,353	25,889	56	57	89 516	13 038,904	190 378,927	14,601	14,137
7	8	99 179	77 953,871	2 045 880,772	26,245	25,781	57	58	88 550	12 461,974	177 340,023	14,230	13,766
8	9	99 165	75 306,745	1 967 926,901	26,132	25,668	58	59	87 494	11 897,059	164 878,049	13,859	13,395
9	10	99 150	72 749,505	1 892 620,156	26,016	25,552	59	60	86 337	11 342,671	152 980,990	13,487	13,023
10	11	99 136	70 279,560	1 819 870,651	25,895	25,431	60	61	85 077	10 799,192	141 638,319	13,116	12,652
11	12	99 121	67 892,677	1 749 591,090	25,770	25,306	61	62	83 752	10 271,440	130 839,127	12,738	12,274
12	13	99 105	65 585,743	1 681 698,413	25,641	25,177	62	63	82 328	9 755,407	120 567,687	12,359	11,895
13	14	99 088	63 357,470	1 616 112,670	25,508	25,044	63	64	80 794	9 249,904	110 812,280	11,980	11,516
14	15	99 068	61 202,670	1 552 755,200	25,371	24,907	64	65	79 157	8 756,038	101 562,376	11,599	11,135
15	16	99 044	59 118,476	1 491 552,530	25,230	24,766	65	66	77 402	8 272,344	92 806,338	11,219	10,755
16	17	99 015	57 102,657	1 432 434,054	25,085	24,621	66	67	75 547	7 801,036	84 533,993	10,836	10,372
17	18	98 975	55 149,363	1 375 331,397	24,938	24,474	67	68	73 591	7 342,157	76 732,958	10,451	9,987
18	19	98 926	53 257,937	1 320 182,034	24,788	24,324	68	69	71 532	6 895,347	69 390,801	10,063	9,599
19	20	98 869	51 427,290	1 266 924,097	24,635	24,171	69	70	69 410	6 464,529	62 495,454	9,667	9,203
20	21	98 809	49 658,258	1 215 496,807	24,477	24,013	70	71	67 149	6 042,510	56 030,925	9,273	8,809
21	22	98 749	47 949,427	1 165 838,549	24,314	23,850	71	72	64 766	5 630,950	49 988,415	8,877	8,413
22	23	98 687	46 299,218	1 117 889,121	24,145	23,681	72	73	62 276	5 231,348	44 357,466	8,479	8,015
23	24	98 621	44 703,666	1 071 589,903	23,971	23,507	73	74	59 708	4 846,065	39 126,117	8,074	7,610
24	25	98 559	43 164,793	1 026 886,237	23,790	23,326	74	75	57 026	4 471,862	34 280,052	7,666	7,202
25	26	98 493	41 677,181	983 721,444	23,603	23,139	75	76	54 209	4 107,212	29 808,190	7,258	6,793
26	27	98 427	40 240,602	942 044,263	23,410	22,946	76	77	51 221	3 749,604	25 700,978	6,854	6,390
27	28	98 359	38 852,898	901 803,660	23,211	22,747	77	78	48 088	3 401,186	21 951,374	6,454	5,990
28	29	98 282	37 509,866	862 950,762	23,006	22,542	78	79	44 809	3 062,067	18 550,188	6,058	5,594
29	30	98 206	36 213,375	825 440,896	22,794	22,330	79	80	41 330	2 728,809	15 488,121	5,676	5,212
30	31	98 121	34 958,350	789 227,521	22,576	22,112	80	81	37 665	2 402,730	12 759,312	5,310	4,846
31	32	98 033	33 745,950	754 269,170	22,351	21,887	81	82	33 896	2 089,176	10 356,582	4,957	4,493
32	33	97 932	32 571,032	720 523,220	22,122	21,658	82	83	30 048	1 789,373	8 267,406	4,620	4,156
33	34	97 828	31 436,354	687 952,189	21,884	21,420	83	84	26 186	1 506,686	6 478,033	4,300	3,835
34	35	97 720	30 339,851	656 515,835	21,639	21,175	84	85	22 355	1 242,728	4 971,347	4,000	3,536
35	36	97 602	29 278,471	626 175,984	21,387	20,923	85	86	18 662	1 002,367	3 728,618	3,720	3,256
36	37	97 470	28 250,014	596 897,513	21,129	20,665	86	87	15 175	787,499	2 726,251	3,462	2,998
37	38	97 339	27 257,931	568 647,500	20,862	20,398	87	88	12 002	601,797	1 938,752	3,222	2,758
38	39	97 191	26 296,079	541 389,569	20,588	20,124	88	89	9 211	446,235	1 336,955	2,996	2,532
39	40	97 031	25 365,056	515 093,490	20,307	19,843	89	90	6 824	319,419	890,720	2,789	2,325
40	41	96 859	24 463,939	489 728,434	20,018	19,554	90	91	4 870	220,245	571,301	2,594	2,130
41	42	96 664	23 588,943	465 264,496	19,724	19,260	91	92	3 327	145,374	351,056	2,415	1,951
42	43	96 455	22 742,174	441 675,553	19,421	18,957	92	93	2 156	91,016	205,682	2,260	1,796
43	44	96 225	21 920,630	418 933,379	19,111	18,647	93	94	1 323	53,948	114,666	2,125	1,661
44	45	95 969	21 123,100	397 012,749	18,795	18,331	94	95	765	30,145	60,717	2,014	1,550
45	46	95 691	20 349,494	375 889,650	18,472	18,008	95	96	417	15,890	30,572	1,924	1,460
46	47	95 374	19 596,240	355 540,156	18,143	17,679	96	97	218	8,009	14,682	1,833	1,369
47	48	95 029	18 865,116	335 943,917	17,808	17,344	97	98	108	3,845	6,673	1,735	1,271
48	49	94 641	18 152,774	317 078,800	17,467	17,003	98	99	50	1,710	2,828	1,654	1,190
49	50	94 207	17 458,388	298 926,026	17,122	16,658	99	100	21	0,706	1,118	1,583	1,119

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 670 735,905	26,796	26,332	50	52	93 518	16 744,722	278 417,024	16,627	16,163
1	3	99 305	95 947,113	2 571 065,326	26,797	26,333	51	53	92 960	16 081,981	261 672,302	16,271	15,807
2	4	99 266	92 666,230	2 475 118,213	26,710	26,246	52	54	92 348	15 435,849	245 590,322	15,910	15,446
3	5	99 242	89 510,486	2 382 451,982	26,616	26,152	53	55	91 663	14 803,178	230 154,473	15,548	15,084
4	6	99 222	86 465,942	2 292 941,497	26,518	26,054	54	56	90 904	14 184,117	215 351,295	15,183	14,719
5	7	99 204	83 526,785	2 206 475,555	26,416	25,952	55	57	90 070	13 578,751	201 167,178	14,815	14,351
6	8	99 189	80 690,624	2 122 948,771	26,310	25,846	56	58	89 159	12 986,849	187 588,426	14,444	13,980
7	9	99 173	77 949,045	2 042 258,146	26,200	25,736	57	59	88 159	12 407,010	174 601,578	14,073	13,609
8	10	99 158	75 301,873	1 964 309,102	26,086	25,622	58	60	87 072	11 839,596	162 194,568	13,699	13,235
9	11	99 144	72 745,195	1 889 007,229	25,967	25,503	59	61	85 871	11 281,522	150 354,972	13,328	12,864
10	12	99 129	70 274,326	1 816 262,035	25,845	25,381	60	62	84 601	10 738,769	139 073,449	12,951	12,487
11	13	99 113	67 887,306	1 745 987,709	25,719	25,255	61	63	83 243	10 209,025	128 334,680	12,571	12,107
12	14	99 096	65 580,121	1 678 100,403	25,589	25,125	62	64	81 786	9 691,173	118 125,655	12,189	11,725
13	15	99 078	63 350,822	1 612 520,282	25,454	24,990	63	65	80 205	9 182,497	108 434,483	11,809	11,345
14	16	99 056	61 195,014	1 549 169,460	25,315	24,851	64	66	78 523	8 685,884	99 251,986	11,427	10,963
15	17	99 030	59 110,134	1 487 974,447	25,173	24,709	65	67	76 726	8 200,082	90 566,102	11,045	10,581
16	18	99 001	57 094,296	1 428 864,312	25,026	24,562	66	68	74 814	7 725,409	82 366,020	10,662	10,198
17	19	98 955	55 138,132	1 371 770,016	24,879	24,415	67	69	72 840	7 267,158	74 640,611	10,271	9,807
18	20	98 907	53 247,657	1 316 631,884	24,727	24,263	68	70	70 733	6 818,311	67 373,453	9,881	9,417
19	21	98 851	51 417,767	1 263 384,227	24,571	24,107	69	71	68 564	6 385,768	60 555,142	9,483	9,019
20	22	98 793	49 650,037	1 211 966,460	24,410	23,946	70	72	66 250	5 961,599	54 169,374	9,086	8,622
21	23	98 731	47 941,130	1 162 316,423	24,245	23,781	71	73	63 833	5 549,812	48 207,775	8,686	8,222
22	24	98 666	46 289,172	1 114 375,293	24,074	23,610	72	74	61 312	5 150,353	42 657,964	8,283	7,819
23	25	98 605	44 696,086	1 068 086,122	23,897	23,433	73	75	58 687	4 763,157	37 507,611	7,875	7,411
24	26	98 541	43 156,745	1 023 390,036	23,713	23,249	74	76	55 939	4 386,594	32 744,454	7,465	7,001
25	27	98 474	41 669,072	980 233,291	23,524	23,060	75	77	53 026	4 017,568	28 357,860	7,058	6,594
26	28	98 405	40 231,813	938 564,219	23,329	22,865	76	78	49 969	3 657,920	24 340,292	6,654	6,190
27	29	98 334	38 843,209	898 332,406	23,127	22,663	77	79	46 737	3 305,612	20 682,373	6,257	5,793
28	30	98 257	37 500,159	859 489,198	22,920	22,456	78	80	43 333	2 961,253	17 376,761	5,868	5,404
29	31	98 177	36 202,622	821 989,039	22,705	22,241	79	81	39 742	2 624,001	14 415,507	5,494	5,030
30	32	98 090	34 947,192	785 786,416	22,485	22,021	80	82	36 005	2 296,859	11 791,506	5,134	4,670
31	33	97 999	33 734,239	750 839,224	22,257	21,793	81	83	32 189	1 984,004	9 494,647	4,786	4,322
32	34	97 897	32 559,435	717 104,986	22,024	21,560	82	84	28 302	1 685,443	7 510,643	4,456	3,992
33	35	97 790	31 424,059	684 545,551	21,784	21,320	83	85	24 426	1 405,405	5 825,200	4,145	3,681
34	36	97 681	30 327,639	653 121,492	21,536	21,071	84	86	20 628	1 146,763	4 419,795	3,854	3,390
35	37	97 557	29 264,744	622 793,853	21,281	20,817	85	87	17 003	913,249	3 273,032	3,584	3,120
36	38	97 425	28 237,012	593 529,109	21,020	20,556	86	88	13 639	707,812	2 359,783	3,334	2,870
37	39	97 282	27 241,967	565 292,097	20,751	20,287	87	89	10 624	532,696	1 651,971	3,101	2,637
38	40	97 133	26 280,414	538 050,130	20,473	20,009	88	90	8 005	387,814	1 119,275	2,886	2,422
39	41	96 965	25 347,841	511 769,716	20,190	19,726	89	91	5 815	272,165	731,460	2,688	2,224
40	42	96 785	24 445,276	486 421,875	19,898	19,434	90	92	4 055	183,390	459,295	2,504	2,040
41	43	96 583	23 569,368	461 976,599	19,601	19,137	91	93	2 703	118,108	275,905	2,336	1,872
42	44	96 369	22 721,708	438 407,231	19,295	18,831	92	94	1 705	71,976	157,797	2,192	1,728
43	45	96 127	21 898,270	415 685,523	18,983	18,519	93	95	1 012	41,261	85,821	2,080	1,616
44	46	95 863	21 099,612	393 787,254	18,663	18,199	94	96	574	22,638	44,560	1,968	1,504
45	47	95 569	20 323,655	372 687,642	18,338	17,874	95	97	305	11,608	21,922	1,888	1,424
46	48	95 237	19 568,148	352 363,987	18,007	17,543	96	98	157	5,790	10,314	1,781	1,317
47	49	94 877	18 834,940	332 795,839	17,669	17,205	97	99	75	2,674	4,524	1,692	1,228
48	50	94 470	18 119,892	313 960,899	17,327	16,863	98	100	33	1,145	1,850	1,616	1,152
49	51	94 021	17 423,983	295 841,008	16,979	16,515							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 666 779,809	26,759	26,295
1	4	99 293	95 935,682	2 567 121,099	26,759	26,295
2	5	99 257	92 657,804	2 471 185,417	26,670	26,206
3	6	99 234	89 503,773	2 378 527,613	26,575	26,111
4	7	99 215	86 460,250	2 289 023,840	26,475	26,011
5	8	99 199	83 522,667	2 202 563,590	26,371	25,907
6	9	99 183	80 685,629	2 119 040,923	26,263	25,799
7	10	99 167	77 944,001	2 038 355,294	26,152	25,688
8	11	99 152	75 297,411	1 960 411,294	26,036	25,572
9	12	99 137	72 739,776	1 885 113,883	25,916	25,452
10	13	99 121	70 268,766	1 812 374,107	25,792	25,328
11	14	99 105	67 881,487	1 742 105,341	25,664	25,200
12	15	99 086	65 573,239	1 674 223,854	25,532	25,068
13	16	99 066	63 342,897	1 608 650,615	25,396	24,932
14	17	99 042	61 186,379	1 545 307,718	25,256	24,792
15	18	99 016	59 101,479	1 484 121,339	25,111	24,647
16	19	98 981	57 082,669	1 425 019,860	24,964	24,500
17	20	98 936	55 127,489	1 367 937,191	24,814	24,350
18	21	98 889	53 237,797	1 312 809,702	24,659	24,195
19	22	98 834	51 409,254	1 259 571,904	24,501	24,037
20	23	98 776	49 641,445	1 208 162,650	24,338	23,874
21	24	98 710	47 930,727	1 158 521,205	24,171	23,707
22	25	98 649	46 281,322	1 110 590,477	23,997	23,532
23	26	98 586	44 687,752	1 064 309,155	23,817	23,353
24	27	98 522	43 148,348	1 019 621,403	23,631	23,167
25	28	98 453	41 659,970	976 473,056	23,439	22,975
26	29	98 381	40 221,779	934 813,085	23,241	22,777
27	30	98 309	38 833,157	894 591,306	23,037	22,573
28	31	98 228	37 489,024	855 758,149	22,827	22,363
29	32	98 146	36 191,067	818 269,125	22,610	22,146
30	33	98 056	34 935,064	782 078,059	22,387	21,923
31	34	97 964	33 722,228	747 142,995	22,156	21,692
32	35	97 858	32 546,700	713 420,768	21,920	21,456
33	36	97 750	31 411,411	680 874,067	21,676	21,212
34	37	97 635	30 313,420	649 462,656	21,425	20,961
35	38	97 512	29 251,275	619 149,236	21,167	20,703
36	39	97 368	28 220,475	589 897,960	20,903	20,439
37	40	97 224	27 225,739	561 677,485	20,630	20,166
38	41	97 067	26 262,578	534 451,747	20,350	19,886
39	42	96 891	25 328,504	508 189,169	20,064	19,600
40	43	96 705	24 424,991	482 860,665	19,769	19,305
41	44	96 496	23 548,157	458 435,674	19,468	19,004
42	45	96 270	22 698,531	434 887,517	19,159	18,695
43	46	96 020	21 873,920	412 188,986	18,844	18,380
44	47	95 741	21 072,821	390 315,066	18,522	18,058
45	48	95 432	20 294,520	369 242,246	18,194	17,730
46	49	95 085	19 536,847	348 947,725	17,861	17,397
47	50	94 705	18 800,822	329 410,878	17,521	17,057
48	51	94 283	18 084,183	310 610,057	17,176	16,712
49	52	93 813	17 385,497	292 525,873	16,826	16,362
50	53	93 288	16 703,609	275 140,376	16,472	16,008
51	54	92 706	16 038,026	258 436,767	16,114	15,650
52	55	92 070	15 389,393	242 398,741	15,751	15,287
53	56	91 359	14 754,130	227 009,349	15,386	14,922
54	57	90 575	14 132,786	212 255,219	15,019	14,555
55	58	89 710	13 524,541	198 122,433	14,649	14,185
56	59	88 765	12 929,569	184 597,892	14,277	13,813
57	60	87 733	12 347,084	171 668,322	13,904	13,440
58	61	86 602	11 775,769	159 321,238	13,530	13,066
59	62	85 391	11 218,401	147 545,469	13,152	12,688
60	63	84 087	10 673,514	136 327,068	12,772	12,308
61	64	82 694	10 141,804	125 653,555	12,390	11,926
62	65	81 190	9 620,550	115 511,751	12,007	11,543
63	66	79 563	9 108,925	105 891,201	11,625	11,161
64	67	77 837	8 610,009	96 782,276	11,241	10,777
65	68	75 982	8 120,587	88 172,267	10,858	10,394
66	69	74 050	7 646,496	80 051,680	10,469	10,005
67	70	72 026	7 185,968	72 405,184	10,076	9,612
68	71	69 871	6 735,240	65 219,216	9,683	9,219
69	72	67 646	6 300,260	58 483,976	9,283	8,819
70	73	65 296	5 875,696	52 183,716	8,881	8,417
71	74	62 844	5 463,885	46 308,020	8,475	8,011
72	75	60 263	5 062,238	40 844,135	8,068	7,604
73	76	57 568	4 672,335	35 781,896	7,658	7,194
74	77	54 718	4 290,852	31 109,561	7,250	6,786
75	78	51 729	3 919,331	26 818,709	6,843	6,379
76	79	48 565	3 555,131	22 899,379	6,441	5,977
77	80	45 198	3 196,780	19 344,247	6,051	5,587
78	81	41 669	2 847,518	16 147,467	5,671	5,207
79	82	37 991	2 508,381	13 299,949	5,302	4,838
80	83	34 192	2 181,232	10 791,568	4,947	4,483
81	84	30 320	1 868,769	8 610,336	4,607	4,143
82	85	26 400	1 572,146	6 741,567	4,288	3,824
83	86	22 540	1 296,878	5 169,421	3,986	3,522
84	87	18 794	1 044,807	3 872,544	3,706	3,242
85	88	15 282	820,837	2 827,737	3,445	2,981
86	89	12 073	626,538	2 006,899	3,203	2,739
87	90	9 233	462,956	1 380,361	2,982	2,518
88	91	6 821	330,442	917,405	2,776	2,312
89	92	4 842	226,622	586,963	2,590	2,126
90	93	3 295	148,994	360,341	2,418	1,954
91	94	2 138	93,400	211,347	2,263	1,799
92	95	1 304	55,049	117,947	2,143	1,679
93	96	760	30,986	62,898	2,030	1,566
94	97	420	16,537	31,912	1,930	1,466
95	98	220	8,392	15,374	1,832	1,368
96	99	109	4,026	6,982	1,735	1,271
97	100	50	1,790	2,957	1,652	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 662 535,081	26,720	26,256
1	5	99 284	95 926,958	2 562 888,244	26,717	26,253
2	6	99 250	92 650,855	2 466 961,285	26,626	26,162
3	7	99 228	89 497,881	2 374 310,430	26,529	26,065
4	8	99 210	86 455,988	2 284 812,549	26,427	25,963
5	9	99 193	83 517,496	2 198 356,561	26,322	25,858
6	10	99 177	80 680,408	2 114 839,065	26,213	25,749
7	11	99 161	77 939,382	2 034 158,658	26,099	25,635
8	12	99 145	75 291,802	1 956 219,275	25,982	25,518
9	13	99 129	72 734,022	1 880 927,473	25,860	25,396
10	14	99 113	70 262,743	1 808 193,451	25,735	25,271
11	15	99 095	67 874,364	1 737 930,709	25,605	25,141
12	16	99 073	65 565,036	1 670 056,345	25,472	25,008
13	17	99 052	63 333,959	1 604 491,310	25,334	24,870
14	18	99 028	61 177,420	1 541 157,351	25,192	24,728
15	19	98 995	59 089,444	1 479 979,931	25,046	24,582
16	20	98 961	57 071,651	1 420 890,487	24,897	24,433
17	21	98 918	55 117,281	1 363 818,836	24,744	24,280
18	22	98 872	53 228,984	1 308 701,555	24,586	24,122
19	23	98 817	51 400,358	1 255 472,571	24,425	23,961
20	24	98 755	49 630,674	1 204 072,213	24,261	23,797
21	25	98 693	47 922,600	1 154 441,540	24,090	23,626
22	26	98 631	46 272,693	1 106 518,940	23,913	23,449
23	27	98 567	44 679,057	1 060 246,247	23,730	23,266
24	28	98 500	43 138,923	1 015 567,190	23,542	23,078
25	29	98 428	41 649,580	972 428,267	23,348	22,884
26	30	98 355	40 211,370	930 778,687	23,147	22,683
27	31	98 280	38 821,626	890 567,317	22,940	22,476
28	32	98 196	37 477,058	851 745,691	22,727	22,263
29	33	98 112	36 178,507	814 268,633	22,507	22,043
30	34	98 021	34 922,625	778 090,126	22,280	21,816
31	35	97 926	33 709,038	743 167,501	22,047	21,583
32	36	97 819	32 533,601	709 458,463	21,807	21,343
33	37	97 705	31 396,684	676 924,862	21,560	21,096
34	38	97 590	30 299,469	645 528,178	21,305	20,841
35	39	97 455	29 234,144	615 228,709	21,045	20,581
36	40	97 310	28 203,664	585 994,565	20,777	20,313
37	41	97 158	27 207,261	557 790,901	20,502	20,038
38	42	96 993	26 242,543	530 583,640	20,218	19,754
39	43	96 811	25 307,486	504 341,097	19,929	19,465
40	44	96 618	24 403,010	479 033,611	19,630	19,166
41	45	96 398	23 524,137	454 630,601	19,326	18,862
42	46	96 163	22 673,291	431 106,463	19,014	18,550
43	47	95 898	21 846,146	408 433,173	18,696	18,232
44	48	95 604	21 042,612	386 587,027	18,372	17,908
45	49	95 279	20 262,058	365 544,415	18,041	17,577
46	50	94 912	19 501,457	345 282,357	17,705	17,241
47	51	94 518	18 763,771	325 780,900	17,362	16,898
48	52	94 075	18 044,239	307 017,129	17,015	16,551
49	53	93 583	17 342,811	288 972,889	16,662	16,198
50	54	93 033	16 657,955	271 630,079	16,306	15,842
51	55	92 427	15 989,758	254 972,123	15,946	15,482
52	56	91 765	15 338,402	238 982,366	15,581	15,117
53	57	91 029	14 700,736	223 643,964	15,213	14,749
54	58	90 213	14 076,364	208 943,228	14,844	14,380
55	59	89 315	13 464,891	194 866,864	14,472	14,008
56	60	88 337	12 867,120	181 401,973	14,098	13,634
57	61	87 260	12 280,521	168 534,854	13,724	13,260
58	62	86 118	11 709,882	156 254,333	13,344	12,880
59	63	84 872	11 150,231	144 544,451	12,963	12,499
60	64	83 533	10 603,235	133 394,220	12,581	12,116
61	65	82 092	10 067,897	122 790,985	12,196	11,732
62	66	80 539	9 543,469	112 723,088	11,812	11,348
63	67	78 868	9 029,355	103 179,620	11,427	10,963
64	68	77 082	8 526,540	94 150,265	11,042	10,578
65	69	75 206	8 037,637	85 623,725	10,653	10,189
66	70	73 223	7 561,068	77 586,088	10,261	9,797
67	71	71 148	7 098,417	70 025,020	9,865	9,401
68	72	68 935	6 645,053	62 926,603	9,470	9,006
69	73	66 671	6 209,478	56 281,550	9,064	8,600
70	74	64 285	5 784,724	50 072,072	8,656	8,192
71	75	61 769	5 370,407	44 287,348	8,247	7,783
72	76	59 114	4 965,714	38 916,942	7,837	7,373
73	77	56 311	4 570,356	33 951,228	7,429	6,965
74	78	53 380	4 185,933	29 380,871	7,019	6,555
75	79	50 276	3 809,196	25 194,939	6,614	6,150
76	80	46 966	3 438,085	21 385,742	6,220	5,756
77	81	43 462	3 073,999	17 947,658	5,839	5,375
78	82	39 833	2 722,049	14 873,659	5,464	5,000
79	83	36 079	2 382,105	12 151,610	5,101	4,637
80	84	32 206	2 054,542	9 769,505	4,755	4,291
81	85	28 282	1 743,149	7 714,963	4,426	3,962
82	86	24 361	1 450,743	5 971,815	4,116	3,652
83	87	20 536	1 181,575	4 521,072	3,826	3,362
84	88	16 892	939,083	3 339,497	3,556	3,092
85	89	13 527	726,585	2 400,414	3,304	2,840
86	90	10 492	544,513	1 673,829	3,074	2,610
87	91	7 867	394,468	1 129,316	2,863	2,399
88	92	5 680	275,148	734,848	2,671	2,207
89	93	3 934	184,117	459,701	2,497	2,033
90	94	2 605	117,825	275,583	2,339	1,875
91	95	1 635	71,435	157,759	2,208	1,744
92	96	979	41,340	86,324	2,088	1,624
93	97	555	22,636	44,984	1,987	1,523
94	98	303	11,956	22,348	1,869	1,405
95	99	153	5,835	10,393	1,781	1,317
96	100	73	2,695	4,558	1,691	1,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 657 988,587	26,677	26,212
1	6	99 277	95 919,764	2 558 350,811	26,672	26,208
2	7	99 243	92 644,757	2 462 431,047	26,579	26,115
3	8	99 223	89 493,469	2 369 786,290	26,480	26,016
4	9	99 204	86 450,635	2 280 292,821	26,377	25,913
5	10	99 186	83 512,092	2 193 842,186	26,270	25,806
6	11	99 171	80 675,627	2 110 330,094	26,158	25,694
7	12	99 153	77 933,577	2 029 654,467	26,043	25,579
8	13	99 137	75 285,845	1 951 720,890	25,924	25,460
9	14	99 121	72 727,787	1 876 435,044	25,801	25,337
10	15	99 102	70 255,369	1 803 707,257	25,674	25,210
11	16	99 082	67 865,872	1 733 451,888	25,542	25,078
12	17	99 059	65 555,784	1 665 586,015	25,407	24,943
13	18	99 037	63 324,686	1 600 030,231	25,267	24,803
14	19	99 007	61 164,962	1 536 705,546	25,124	24,660
15	20	98 976	59 078,038	1 475 540,584	24,976	24,512
16	21	98 943	57 061,083	1 416 462,546	24,824	24,360
17	22	98 901	55 108,156	1 359 401,463	24,668	24,204
18	23	98 855	53 219,772	1 304 293,306	24,508	24,044
19	24	98 796	51 389,205	1 251 073,534	24,345	23,881
20	25	98 738	49 622,258	1 199 684,329	24,176	23,712
21	26	98 675	47 913,664	1 150 062,071	24,003	23,539
22	27	98 612	46 263,689	1 102 148,407	23,823	23,359
23	28	98 546	44 669,298	1 055 884,718	23,638	23,174
24	29	98 476	43 128,164	1 011 215,420	23,447	22,983
25	30	98 403	41 638,802	968 087,256	23,250	22,786
26	31	98 326	40 199,430	926 448,454	23,046	22,582
27	32	98 248	38 809,234	886 249,023	22,836	22,372
28	33	98 162	37 464,052	847 439,789	22,620	22,156
29	34	98 077	36 165,625	809 975,737	22,396	21,932
30	35	97 982	34 908,966	773 810,112	22,167	21,702
31	36	97 886	33 695,471	738 901,146	21,929	21,465
32	37	97 773	32 518,348	705 205,675	21,686	21,222
33	38	97 660	31 382,234	672 687,327	21,435	20,971
34	39	97 533	30 281,724	641 305,093	21,178	20,714
35	40	97 397	29 216,729	611 023,369	20,913	20,449
36	41	97 244	28 184,522	581 806,640	20,643	20,179
37	42	97 084	27 186,505	553 622,117	20,364	19,900
38	43	96 912	26 220,767	526 435,612	20,077	19,613
39	44	96 723	25 284,711	500 214,846	19,783	19,319
40	45	96 519	24 378,118	474 930,134	19,482	19,018
41	46	96 291	23 497,979	450 552,016	19,174	18,710
42	47	96 041	22 644,502	427 054,037	18,859	18,395
43	48	95 761	21 814,828	404 409,535	18,538	18,074
44	49	95 451	21 008,953	382 594,706	18,211	17,747
45	50	95 107	20 225,354	361 585,754	17,878	17,414
46	51	94 725	19 463,026	341 360,400	17,539	17,075
47	52	94 310	18 722,326	321 897,374	17,193	16,729
48	53	93 844	17 999,935	303 175,047	16,843	16,379
49	54	93 327	17 295,410	285 175,112	16,488	16,024
50	55	92 753	16 607,821	267 879,701	16,130	15,666
51	56	92 121	15 936,777	251 271,880	15,767	15,303
52	57	91 433	15 282,894	235 335,103	15,399	14,935
53	58	90 665	14 642,047	220 052,210	15,029	14,565
54	59	89 815	14 014,280	205 410,163	14,657	14,193
55	60	88 883	13 399,855	191 395,883	14,283	13,819
56	61	87 860	12 797,753	177 996,028	13,908	13,444
57	62	86 772	12 211,810	165 198,276	13,528	13,064
58	63	85 594	11 638,726	152 986,466	13,145	12,681
59	64	84 313	11 076,813	141 347,740	12,761	12,297
60	65	82 925	10 525,965	130 270,927	12,376	11,912
61	66	81 434	9 987,232	119 744,962	11,990	11,526
62	67	79 836	9 460,102	109 757,731	11,602	11,138
63	68	78 103	8 941,821	100 297,628	11,217	10,753
64	69	76 295	8 439,443	91 355,807	10,825	10,361
65	70	74 366	7 947,839	82 916,364	10,433	9,969
66	71	72 331	7 468,947	74 968,525	10,037	9,573
67	72	70 196	7 003,367	67 499,578	9,638	9,174
68	73	67 942	6 549,302	60 496,211	9,237	8,773
69	74	65 639	6 113,338	53 946,909	8,824	8,360
70	75	63 185	5 685,757	47 833,571	8,413	7,949
71	76	60 591	5 268,006	42 147,815	8,001	7,537
72	77	57 823	4 857,332	36 879,808	7,593	7,129
73	78	54 934	4 458,602	32 022,476	7,182	6,718
74	79	51 880	4 068,307	27 563,874	6,775	6,311
75	80	48 621	3 683,785	23 495,567	6,378	5,914
76	81	45 162	3 306,035	19 811,782	5,993	5,529
77	82	41 547	2 938,550	16 505,747	5,617	5,153
78	83	37 828	2 585,016	13 567,197	5,248	4,784
79	84	33 983	2 243,748	10 982,180	4,895	4,431
80	85	30 042	1 916,433	8 738,432	4,560	4,096
81	86	26 098	1 608,540	6 821,999	4,241	3,777
82	87	22 195	1 321,761	5 213,458	3,944	3,480
83	88	18 458	1 062,012	3 891,698	3,664	3,200
84	89	14 953	831,253	2 829,686	3,404	2,940
85	90	11 756	631,462	1 998,433	3,165	2,701
86	91	8 940	463,959	1 366,972	2,946	2,482
87	92	6 551	328,460	903,013	2,749	2,285
88	93	4 614	223,542	574,553	2,570	2,106
89	94	3 111	145,600	351,012	2,411	1,947
90	95	1 993	90,116	205,411	2,279	1,815
91	96	1 228	53,645	115,296	2,149	1,685
92	97	715	30,200	61,651	2,041	1,577
93	98	401	16,364	31,451	1,922	1,458
94	99	211	8,312	15,087	1,815	1,351
95	100	103	3,906	6,774	1,734	1,270

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 653 124,771	26,630	26,166
1	7	99 270	95 913,450	2 553 494,467	26,623	26,159
2	8	99 238	92 640,190	2 457 581,017	26,528	26,064
3	9	99 217	89 487,929	2 364 940,827	26,427	25,963
4	10	99 198	86 445,041	2 275 452,898	26,323	25,859
5	11	99 180	83 507,143	2 189 007,857	26,213	25,749
6	12	99 164	80 669,618	2 105 500,714	26,100	25,636
7	13	99 145	77 927,411	2 024 831,096	25,984	25,520
8	14	99 129	75 279,392	1 946 903,685	25,862	25,398
9	15	99 110	72 720,155	1 871 624,293	25,737	25,273
10	16	99 090	70 246,580	1 798 904,137	25,608	25,144
11	17	99 068	67 856,296	1 728 657,557	25,475	25,011
12	18	99 045	65 546,186	1 660 801,261	25,338	24,874
13	19	99 017	63 311,790	1 595 255,075	25,197	24,733
14	20	98 988	61 153,155	1 531 943,285	25,051	24,587
15	21	98 958	59 067,099	1 470 790,130	24,900	24,436
16	22	98 927	57 051,636	1 411 723,031	24,745	24,281
17	23	98 884	55 098,620	1 354 671,395	24,586	24,122
18	24	98 834	53 208,225	1 299 572,775	24,424	23,960
19	25	98 779	51 380,491	1 246 364,550	24,258	23,794
20	26	98 719	49 613,005	1 194 984,059	24,086	23,622
21	27	98 656	47 904,342	1 145 371,054	23,910	23,446
22	28	98 590	46 253,584	1 097 466,713	23,727	23,263
23	29	98 521	44 658,157	1 051 213,128	23,539	23,075
24	30	98 450	43 117,003	1 006 554,971	23,345	22,881
25	31	98 373	41 626,438	963 437,968	23,145	22,681
26	32	98 295	40 186,599	921 811,529	22,938	22,474
27	33	98 214	38 795,766	881 624,931	22,725	22,261
28	34	98 127	37 450,713	842 829,165	22,505	22,041
29	35	98 038	36 151,480	805 378,452	22,278	21,814
30	36	97 943	34 894,916	769 226,972	22,044	21,580
31	37	97 841	33 679,673	734 332,056	21,803	21,339
32	38	97 728	32 503,382	700 652,383	21,556	21,092
33	39	97 603	31 363,855	668 149,001	21,303	20,839
34	40	97 475	30 263,685	636 785,146	21,041	20,577
35	41	97 331	29 196,900	606 521,461	20,773	20,309
36	42	97 170	28 163,021	577 324,561	20,499	20,035
37	43	97 003	27 163,946	549 161,539	20,217	19,753
38	44	96 825	26 197,170	521 997,594	19,926	19,462
39	45	96 625	25 258,920	495 800,424	19,629	19,165
40	46	96 412	24 351,011	470 541,505	19,323	18,859
41	47	96 169	23 468,143	446 190,494	19,013	18,549
42	48	95 903	22 612,040	422 722,350	18,695	18,231
43	49	95 607	21 779,934	400 110,310	18,371	17,907
44	50	95 278	20 970,896	378 330,376	18,041	17,577
45	51	94 919	20 185,497	357 359,480	17,704	17,240
46	52	94 516	19 420,036	337 173,984	17,362	16,898
47	53	94 078	18 676,357	317 753,947	17,014	16,550
48	54	93 588	17 950,739	299 077,590	16,661	16,197
49	55	93 046	17 243,358	281 126,851	16,303	15,839
50	56	92 446	16 552,793	263 883,493	15,942	15,478
51	57	91 788	15 879,104	247 330,700	15,576	15,112
52	58	91 068	15 221,880	231 451,596	15,205	14,741
53	59	90 265	14 577,467	216 229,716	14,833	14,369
54	60	89 381	13 946,590	201 652,249	14,459	13,995
55	61	88 404	13 327,616	187 705,659	14,084	13,620
56	62	87 369	12 726,148	174 378,043	13,702	13,238
57	63	86 245	12 137,603	161 651,895	13,318	12,854
58	64	85 031	11 562,091	149 514,292	12,931	12,467
59	65	83 699	10 996,093	137 952,201	12,546	12,082
60	66	82 260	10 441,629	126 956,108	12,159	11,695
61	67	80 723	9 899,989	116 514,478	11,769	11,305
62	68	79 062	9 368,392	106 614,490	11,380	10,916
63	69	77 305	8 850,482	97 246,097	10,988	10,524
64	70	75 443	8 345,156	88 395,615	10,592	10,128
65	71	73 460	7 851,006	80 050,459	10,196	9,732
66	72	71 362	7 368,935	72 199,453	9,798	9,334
67	73	69 184	6 902,453	64 830,518	9,392	8,928
68	74	66 890	6 447,901	57 928,064	8,984	8,520
69	75	64 516	6 008,748	51 480,164	8,568	8,104
70	76	61 980	5 577,343	45 471,415	8,153	7,689
71	77	59 269	5 153,026	39 894,072	7,742	7,278
72	78	56 409	4 738,561	34 741,046	7,332	6,868
73	79	53 391	4 333,315	30 002,485	6,924	6,460
74	80	50 172	3 934,365	25 669,170	6,524	6,060
75	81	46 753	3 542,298	21 734,805	6,136	5,672
76	82	43 172	3 160,362	18 192,507	5,756	5,292
77	83	39 455	2 790,619	15 032,144	5,387	4,923
78	84	35 631	2 434,874	12 241,525	5,028	4,564
79	85	31 699	2 092,921	9 806,652	4,686	4,222
80	86	27 722	1 768,444	7 713,730	4,362	3,898
81	87	23 777	1 465,529	5 945,286	4,057	3,593
82	88	19 949	1 188,012	4 479,758	3,771	3,307
83	89	16 338	940,066	3 291,746	3,502	3,038
84	90	12 995	722,427	2 351,680	3,255	2,791
85	91	10 017	538,045	1 629,253	3,028	2,564
86	92	7 444	386,322	1 091,208	2,825	2,361
87	93	5 322	266,854	704,886	2,641	2,177
88	94	3 649	176,777	438,031	2,478	2,014
89	95	2 379	111,359	261,254	2,346	1,882
90	96	1 496	67,674	149,895	2,215	1,751
91	97	897	39,188	82,221	2,098	1,634
92	98	517	21,833	43,033	1,971	1,507
93	99	279	11,378	21,200	1,863	1,399
94	100	141	5,565	9,823	1,765	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 647 929,749	26,579	26,115
1	8	99 266	95 908,722	2 548 306,003	26,570	26,106
2	9	99 232	92 634,454	2 452 397,281	26,474	26,010
3	10	99 210	89 482,138	2 359 762,827	26,371	25,907
4	11	99 192	86 439,919	2 270 280,689	26,264	25,800
5	12	99 173	83 500,924	2 183 840,770	26,153	25,689
6	13	99 156	80 663,236	2 100 339,847	26,038	25,574
7	14	99 137	77 920,731	2 019 676,611	25,920	25,456
8	15	99 118	75 271,492	1 941 755,879	25,797	25,333
9	16	99 098	72 711,058	1 866 484,387	25,670	25,206
10	17	99 076	70 236,668	1 793 773,329	25,539	25,075
11	18	99 054	67 846,361	1 723 536,661	25,404	24,939
12	19	99 025	65 532,838	1 655 690,300	25,265	24,801
13	20	98 998	63 299,569	1 590 157,462	25,121	24,657
14	21	98 970	61 141,832	1 526 857,893	24,972	24,508
15	22	98 942	59 057,320	1 465 716,061	24,819	24,355
16	23	98 910	57 041,764	1 406 658,741	24,660	24,196
17	24	98 863	55 086,664	1 349 616,978	24,500	24,036
18	25	98 817	53 199,202	1 294 530,313	24,334	23,870
19	26	98 761	51 370,911	1 241 331,111	24,164	23,700
20	27	98 700	49 603,352	1 189 960,201	23,990	23,525
21	28	98 634	47 893,878	1 140 356,849	23,810	23,346
22	29	98 565	46 242,049	1 092 462,971	23,625	23,161
23	30	98 496	44 646,601	1 046 220,922	23,433	22,969
24	31	98 421	43 104,200	1 001 574,322	23,236	22,772
25	32	98 342	41 613,151	958 470,121	23,033	22,569
26	33	98 261	40 172,652	916 856,970	22,823	22,359
27	34	98 179	38 781,953	876 684,317	22,605	22,141
28	35	98 089	37 436,065	837 902,365	22,382	21,918
29	36	97 999	36 136,930	800 466,300	22,151	21,687
30	37	97 897	34 878,556	764 329,370	21,914	21,450
31	38	97 795	33 664,173	729 450,814	21,668	21,204
32	39	97 671	32 484,346	695 786,641	21,419	20,955
33	40	97 544	31 345,171	663 302,295	21,161	20,697
34	41	97 409	30 243,145	631 957,124	20,896	20,432
35	42	97 256	29 174,627	601 713,979	20,625	20,161
36	43	97 089	28 139,651	572 539,352	20,346	19,882
37	44	96 916	27 139,500	544 399,701	20,059	19,595
38	45	96 726	26 170,448	517 260,201	19,765	19,301
39	46	96 517	25 230,833	491 089,753	19,464	19,000
40	47	96 290	24 320,092	465 858,920	19,155	18,691
41	48	96 031	23 434,501	441 538,829	18,841	18,377
42	49	95 750	22 575,870	418 104,328	18,520	18,056
43	50	95 434	21 740,481	395 528,458	18,193	17,729
44	51	95 090	20 929,570	373 787,977	17,859	17,395
45	52	94 710	20 140,911	352 858,407	17,519	17,055
46	53	94 284	19 372,354	332 717,496	17,175	16,711
47	54	93 821	18 625,312	313 345,142	16,824	16,360
48	55	93 306	17 896,714	294 719,829	16,468	16,004
49	56	92 738	17 186,224	276 823,115	16,107	15,643
50	57	92 112	16 492,890	259 636,892	15,742	15,278
51	58	91 421	15 815,710	243 144,002	15,374	14,910
52	59	90 666	15 154,743	227 328,292	15,000	14,536
53	60	89 829	14 507,058	212 173,549	14,626	14,162
54	61	88 899	13 871,404	197 666,491	14,250	13,786
55	62	87 909	13 253,047	183 795,087	13,868	13,404
56	63	86 838	12 648,816	170 542,040	13,483	13,019
57	64	85 677	12 057,684	157 893,224	13,095	12,631
58	65	84 411	11 477,834	145 835,540	12,706	12,242
59	66	83 028	10 907,990	134 357,706	12,317	11,853
60	67	81 542	10 350,417	123 449,716	11,927	11,463
61	68	79 940	9 804,014	113 099,298	11,536	11,072
62	69	78 254	9 272,696	103 295,284	11,140	10,676
63	70	76 442	8 751,603	94 022,588	10,743	10,279
64	71	74 523	8 243,483	85 270,985	10,344	9,880
65	72	72 476	7 745,878	77 027,503	9,944	9,480
66	73	70 334	7 262,754	69 281,624	9,539	9,075
67	74	68 113	6 795,584	62 018,870	9,126	8,662
68	75	65 746	6 337,587	55 223,286	8,714	8,250
69	76	63 286	5 894,176	48 885,698	8,294	7,830
70	77	60 627	5 455,612	42 991,522	7,880	7,416
71	78	57 820	5 027,025	37 535,911	7,467	7,003
72	79	54 824	4 605,406	32 508,885	7,059	6,595
73	80	51 633	4 190,648	27 903,479	6,659	6,194
74	81	48 245	3 783,254	23 712,831	6,268	5,804
75	82	44 693	3 386,216	19 929,577	5,886	5,421
76	83	40 999	3 001,265	16 543,362	5,512	5,048
77	84	37 164	2 628,535	13 542,097	5,152	4,688
78	85	33 236	2 271,199	10 913,562	4,805	4,341
79	86	29 251	1 931,303	8 642,363	4,475	4,011
80	87	25 257	1 611,216	6 711,060	4,165	3,701
81	88	21 371	1 317,232	5 099,844	3,872	3,408
82	89	17 659	1 051,598	3 782,612	3,597	3,133
83	90	14 199	816,995	2 731,014	3,343	2,879
84	91	11 073	615,553	1 914,020	3,109	2,645
85	92	8 341	448,011	1 298,467	2,898	2,434
86	93	6 048	313,864	850,455	2,710	2,246
87	94	4 209	211,029	536,591	2,543	2,079
88	95	2 791	135,204	325,562	2,408	1,944
89	96	1 787	83,627	190,358	2,276	1,812
90	97	1 093	49,437	106,731	2,159	1,695
91	98	648	28,331	57,295	2,022	1,558
92	99	360	15,180	28,963	1,908	1,444
93	100	187	7,617	13,784	1,810	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 642 390,770	26,525	26,061
1	9	99 259	95 902,784	2 542 771,935	26,514	26,050
2	10	99 226	92 628,460	2 446 869,151	26,416	25,952
3	11	99 205	89 476,836	2 354 240,691	26,311	25,847
4	12	99 184	86 433,480	2 264 763,855	26,202	25,738
5	13	99 165	83 494,317	2 178 330,374	26,090	25,626
6	14	99 147	80 656,322	2 094 836,057	25,972	25,508
7	15	99 127	77 912,555	2 014 179,735	25,852	25,388
8	16	99 106	75 262,076	1 936 267,181	25,727	25,263
9	17	99 084	72 700,798	1 861 005,105	25,598	25,134
10	18	99 061	70 226,385	1 788 304,307	25,465	25,001
11	19	99 033	67 832,545	1 718 077,922	25,328	24,864
12	20	99 006	65 520,188	1 650 245,378	25,187	24,723
13	21	98 979	63 287,848	1 584 725,189	25,040	24,576
14	22	98 954	61 131,709	1 521 437,341	24,888	24,424
15	23	98 924	59 047,100	1 460 305,632	24,731	24,267
16	24	98 888	57 029,386	1 401 258,532	24,571	24,107
17	25	98 846	55 077,323	1 344 229,145	24,406	23,942
18	26	98 799	53 189,282	1 289 151,822	24,237	23,773
19	27	98 741	51 360,915	1 235 962,540	24,064	23,600
20	28	98 679	49 592,517	1 184 601,624	23,887	23,423
21	29	98 610	47 881,933	1 135 009,108	23,704	23,240
22	30	98 540	46 230,082	1 087 127,174	23,516	23,052
23	31	98 466	44 633,344	1 040 897,092	23,321	22,857
24	32	98 390	43 090,442	996 263,748	23,120	22,656
25	33	98 308	41 598,710	953 173,307	22,914	22,450
26	34	98 226	40 158,349	911 574,597	22,700	22,235
27	35	98 141	38 766,784	871 416,248	22,478	22,014
28	36	98 049	37 420,998	832 649,463	22,251	21,787
29	37	97 953	36 119,987	795 228,466	22,016	21,552
30	38	97 852	34 862,504	759 108,479	21,774	21,310
31	39	97 738	33 644,457	724 245,975	21,526	21,062
32	40	97 613	32 464,995	690 601,518	21,272	20,808
33	41	97 478	31 323,897	658 136,523	21,011	20,547
34	42	97 335	30 220,074	626 812,625	20,742	20,278
35	43	97 176	29 150,417	596 592,551	20,466	20,002
36	44	97 002	28 114,328	567 442,134	20,183	19,719
37	45	96 817	27 111,816	539 327,806	19,893	19,429
38	46	96 619	26 141,347	512 215,990	19,594	19,130
39	47	96 395	25 198,796	486 074,643	19,290	18,826
40	48	96 152	24 285,228	460 875,846	18,978	18,514
41	49	95 877	23 397,016	436 590,619	18,660	18,196
42	50	95 577	22 534,975	413 193,603	18,336	17,872
43	51	95 246	21 697,637	390 658,628	18,005	17,541
44	52	94 880	20 883,341	368 960,990	17,668	17,204
45	53	94 477	20 091,459	348 077,650	17,325	16,861
46	54	94 026	19 319,407	327 986,190	16,977	16,513
47	55	93 539	18 569,257	308 666,783	16,622	16,158
48	56	92 997	17 837,415	290 097,526	16,263	15,799
49	57	92 402	17 124,029	272 260,111	15,899	15,435
50	58	91 744	16 427,046	255 136,083	15,531	15,067
51	59	91 018	15 745,954	238 709,037	15,160	14,696
52	60	90 229	15 081,546	222 963,083	14,784	14,320
53	61	89 345	14 428,850	207 881,537	14,407	13,943
54	62	88 402	13 793,792	193 452,687	14,025	13,561
55	63	87 375	13 172,513	179 658,895	13,639	13,175
56	64	86 266	12 565,531	166 486,382	13,249	12,785
57	65	85 053	11 969,815	153 920,852	12,859	12,395
58	66	83 735	11 385,872	141 951,036	12,467	12,003
59	67	82 303	10 812,704	130 565,164	12,075	11,611
60	68	80 751	10 250,076	119 752,460	11,683	11,219
61	69	79 124	9 703,868	109 502,384	11,284	10,820
62	70	77 380	9 169,100	99 798,515	10,884	10,420
63	71	75 510	8 644,977	90 629,415	10,483	10,019
64	72	73 526	8 133,099	81 984,438	10,080	9,616
65	73	71 432	7 634,266	73 851,339	9,674	9,210
66	74	69 245	7 150,306	66 217,073	9,261	8,797
67	75	66 948	6 679,323	59 066,766	8,843	8,379
68	76	64 492	6 216,745	52 387,444	8,427	7,963
69	77	61 905	5 765,529	46 170,699	8,008	7,544
70	78	59 145	5 322,212	40 405,169	7,592	7,128
71	79	56 195	4 885,765	35 082,957	7,181	6,717
72	80	53 019	4 453,781	30 197,193	6,780	6,316
73	81	49 650	4 029,693	25 743,412	6,388	5,924
74	82	46 119	3 616,554	21 713,718	6,004	5,540
75	83	42 443	3 215,748	18 097,164	5,628	5,164
76	84	38 617	2 826,946	14 881,416	5,264	4,800
77	85	34 666	2 451,842	12 054,470	4,916	4,452
78	86	30 669	2 095,814	9 602,628	4,582	4,118
79	87	26 650	1 759,595	7 506,814	4,266	3,802
80	88	22 701	1 448,177	5 747,218	3,969	3,505
81	89	18 917	1 165,981	4 299,042	3,687	3,223
82	90	15 347	913,925	3 133,061	3,428	2,964
83	91	12 099	696,131	2 219,136	3,188	2,724
84	92	9 220	512,549	1 523,005	2,971	2,507
85	93	6 777	363,983	1 010,456	2,776	2,312
86	94	4 783	248,205	646,473	2,605	2,141
87	95	3 219	161,401	398,268	2,468	2,004
88	96	2 096	101,534	236,868	2,333	1,869
89	97	1 305	61,091	135,334	2,215	1,751
90	98	790	35,740	74,243	2,077	1,613
91	99	451	19,698	38,503	1,955	1,491
92	100	241	10,162	18,806	1,851	1,387

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 636 494,725	26,467	26,003
1	10	99 253	95 896,579	2 536 882,057	26,454	25,990
2	11	99 220	92 622,971	2 440 985,479	26,354	25,890
3	12	99 197	89 470,171	2 348 362,507	26,247	25,783
4	13	99 177	86 426,642	2 258 892,336	26,137	25,673
5	14	99 157	83 487,160	2 172 465,694	26,022	25,558
6	15	99 137	80 647,858	2 088 978,533	25,902	25,438
7	16	99 114	77 902,808	2 008 330,676	25,780	25,316
8	17	99 092	75 251,456	1 930 427,868	25,653	25,189
9	18	99 069	72 690,153	1 855 176,412	25,522	25,058
10	19	99 041	70 212,083	1 782 486,258	25,387	24,923
11	20	99 014	67 819,451	1 712 274,175	25,248	24,784
12	21	98 987	65 508,056	1 644 454,724	25,103	24,639
13	22	98 963	63 277,370	1 578 946,668	24,953	24,489
14	23	98 936	61 121,131	1 515 669,297	24,798	24,334
15	24	98 903	59 034,288	1 454 548,166	24,639	24,175
16	25	98 871	57 019,716	1 395 513,879	24,474	24,010
17	26	98 827	55 067,054	1 338 494,163	24,307	23,843
18	27	98 779	53 178,933	1 283 427,109	24,134	23,670
19	28	98 720	51 349,696	1 230 248,176	23,958	23,494
20	29	98 654	49 580,149	1 178 898,479	23,778	23,314
21	30	98 584	47 869,542	1 129 318,331	23,592	23,128
22	31	98 511	46 216,355	1 081 448,788	23,400	22,936
23	32	98 435	44 619,097	1 035 232,433	23,202	22,738
24	33	98 355	43 075,487	990 613,336	22,997	22,533
25	34	98 273	41 583,899	947 537,849	22,786	22,322
26	35	98 187	40 142,642	905 953,950	22,568	22,104
27	36	98 101	38 751,181	865 811,308	22,343	21,879
28	37	98 003	37 403,453	827 060,126	22,112	21,648
29	38	97 908	36 103,364	789 656,674	21,872	21,408
30	39	97 795	34 842,086	753 553,310	21,628	21,164
31	40	97 680	33 624,415	718 711,223	21,375	20,911
32	41	97 546	32 442,961	685 086,809	21,117	20,653
33	42	97 404	31 300,002	652 643,847	20,851	20,387
34	43	97 254	30 194,997	621 343,846	20,578	20,114
35	44	97 088	29 124,184	591 148,849	20,298	19,834
36	45	96 903	28 085,650	562 024,665	20,011	19,547
37	46	96 709	27 081,669	533 939,015	19,716	19,252
38	47	96 496	26 108,155	506 857,346	19,414	18,950
39	48	96 257	25 162,673	480 749,191	19,106	18,642
40	49	95 998	24 246,382	455 586,518	18,790	18,326
41	50	95 703	23 354,633	431 340,136	18,469	18,005
42	51	95 388	22 490,566	407 985,503	18,140	17,676
43	52	95 036	21 649,712	385 494,937	17,806	17,342
44	53	94 647	20 832,066	363 845,225	17,466	17,002
45	54	94 219	20 036,547	343 013,159	17,119	16,655
46	55	93 743	19 261,263	322 976,612	16,768	16,304
47	56	93 229	18 507,730	303 715,350	16,410	15,946
48	57	92 660	17 772,863	285 207,620	16,047	15,583
49	58	92 033	17 055,665	267 434,757	15,680	15,216
50	59	91 339	16 354,594	250 379,092	15,309	14,845
51	60	90 578	15 669,901	234 024,498	14,935	14,471
52	61	89 742	15 000,241	218 354,597	14,557	14,093
53	62	88 845	14 348,119	203 354,357	14,173	13,709
54	63	87 865	13 709,972	189 006,238	13,786	13,322
55	64	86 800	13 085,780	175 296,265	13,396	12,932
56	65	85 637	12 473,961	162 210,486	13,004	12,540
57	66	84 371	11 873,911	149 736,525	12,611	12,147
58	67	83 003	11 286,412	137 862,613	12,215	11,751
59	68	81 505	10 707,881	126 576,202	11,821	11,357
60	69	79 926	10 145,374	115 868,320	11,421	10,957
61	70	78 240	9 595,455	105 722,946	11,018	10,554
62	71	76 437	9 057,388	96 127,491	10,613	10,149
63	72	74 499	8 529,218	87 070,103	10,208	9,744
64	73	72 466	8 015,907	78 540,885	9,798	9,334
65	74	70 326	7 516,066	70 524,978	9,383	8,919
66	75	68 060	7 027,976	63 008,912	8,965	8,501
67	76	65 671	6 551,964	55 980,936	8,544	8,080
68	77	63 085	6 081,058	49 428,972	8,128	7,664
69	78	60 391	5 624,551	43 347,914	7,707	7,243
70	79	57 483	5 172,656	37 723,362	7,293	6,829
71	80	54 345	4 724,909	32 550,706	6,889	6,425
72	81	50 983	4 282,721	27 825,797	6,497	6,033
73	82	47 462	3 852,135	23 543,076	6,112	5,648
74	83	43 797	3 434,491	19 690,942	5,733	5,269
75	84	39 978	3 028,971	16 256,450	5,367	4,903
76	85	36 022	2 636,916	13 227,479	5,016	4,552
77	86	31 989	2 262,508	10 590,563	4,681	4,217
78	87	27 942	1 909,480	8 328,056	4,361	3,897
79	88	23 953	1 581,542	6 418,575	4,058	3,594
80	89	20 095	1 281,890	4 837,034	3,773	3,309
81	90	16 441	1 013,333	3 555,144	3,508	3,044
82	91	13 076	778,722	2 541,811	3,264	2,800
83	92	10 074	579,644	1 763,090	3,042	2,578
84	93	7 491	416,417	1 183,446	2,842	2,378
85	94	5 359	287,838	767,029	2,665	2,201
86	95	3 658	189,834	479,191	2,524	2,060
87	96	2 417	121,206	289,357	2,387	1,923
88	97	1 531	74,172	168,151	2,267	1,803
89	98	944	44,165	93,979	2,128	1,664
90	99	549	24,849	49,814	2,005	1,541
91	100	302	13,187	24,965	1,893	1,429

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 630 231,832	26,406	25,942
1	11	99 247	95 890,896	2 530 625,611	26,391	25,927
2	12	99 213	92 616,073	2 434 734,714	26,288	25,824
3	13	99 189	89 463,093	2 342 118,642	26,180	25,716
4	14	99 168	86 419,234	2 252 655,549	26,067	25,603
5	15	99 146	83 478,399	2 166 236,315	25,950	25,486
6	16	99 124	80 637,769	2 082 757,916	25,829	25,365
7	17	99 100	77 891,815	2 002 120,147	25,704	25,240
8	18	99 077	75 240,438	1 924 228,332	25,574	25,110
9	19	99 049	72 675,351	1 848 987,894	25,442	24,978
10	20	99 022	70 198,531	1 776 312,543	25,304	24,840
11	21	98 996	67 806,893	1 706 114,012	25,161	24,697
12	22	98 971	65 497,211	1 638 307,119	25,013	24,549
13	23	98 946	63 266,421	1 572 809,908	24,860	24,396
14	24	98 915	61 107,868	1 509 543,488	24,703	24,239
15	25	98 886	59 024,277	1 448 435,619	24,540	24,076
16	26	98 853	57 009,084	1 389 411,342	24,372	23,908
17	27	98 808	55 056,339	1 332 402,258	24,201	23,737
18	28	98 758	53 167,317	1 277 345,919	24,025	23,561
19	29	98 695	51 336,890	1 224 178,601	23,846	23,382
20	30	98 628	49 567,318	1 172 841,711	23,662	23,198
21	31	98 555	47 855,328	1 123 274,393	23,472	23,008
22	32	98 479	46 201,603	1 075 419,064	23,277	22,813
23	33	98 401	44 603,612	1 029 217,462	23,075	22,611
24	34	98 320	43 060,151	984 613,850	22,866	22,402
25	35	98 235	41 567,635	941 553,699	22,651	22,187
26	36	98 148	40 126,486	899 986,065	22,429	21,965
27	37	98 055	38 733,013	859 859,579	22,200	21,736
28	38	97 958	37 386,239	821 126,566	21,963	21,499
29	39	97 851	36 082,220	783 740,327	21,721	21,257
30	40	97 736	34 821,331	747 658,107	21,471	21,007
31	41	97 614	33 601,594	712 836,777	21,214	20,750
32	42	97 472	32 418,212	679 235,183	20,952	20,488
33	43	97 323	31 274,029	646 816,971	20,682	20,218
34	44	97 166	30 167,824	615 542,942	20,404	19,940
35	45	96 989	29 094,476	585 375,119	20,120	19,656
36	46	96 795	28 054,420	556 280,642	19,829	19,365
37	47	96 587	27 047,283	528 226,223	19,530	19,066
38	48	96 358	26 070,728	501 178,940	19,224	18,760
39	49	96 103	25 122,423	475 108,212	18,912	18,448
40	50	95 824	24 202,461	449 985,789	18,593	18,129
41	51	95 515	23 308,609	425 783,328	18,267	17,803
42	52	95 178	22 440,890	402 474,720	17,935	17,471
43	53	94 802	21 596,556	380 033,830	17,597	17,133
44	54	94 389	20 775,129	358 437,274	17,253	16,789
45	55	93 935	19 976,244	337 662,145	16,903	16,439
46	56	93 433	19 197,443	317 685,902	16,548	16,084
47	57	92 891	18 440,752	298 488,459	16,186	15,722
48	58	92 290	17 701,909	280 047,707	15,820	15,356
49	59	91 628	16 980,440	262 345,797	15,450	14,986
50	60	90 898	16 275,601	245 365,358	15,076	14,612
51	61	90 090	15 585,424	229 089,757	14,699	14,235
52	62	89 240	14 916,313	213 504,333	14,313	13,849
53	63	88 305	14 260,931	198 588,020	13,925	13,461
54	64	87 286	13 619,700	184 327,089	13,534	13,070
55	65	86 167	12 990,419	170 707,389	13,141	12,677
56	66	84 951	12 374,018	157 716,970	12,746	12,282
57	67	83 634	11 770,188	145 342,952	12,348	11,884
58	68	82 199	11 176,997	133 572,765	11,951	11,487
59	69	80 672	10 598,503	122 395,768	11,548	11,084
60	70	79 033	10 032,028	111 797,265	11,144	10,680
61	71	77 286	9 478,549	101 765,237	10,736	10,272
62	72	75 414	8 936,106	92 286,689	10,327	9,863
63	73	73 426	8 406,318	83 350,583	9,915	9,451
64	74	71 344	7 891,799	74 944,265	9,496	9,032
65	75	69 122	7 387,478	67 052,466	9,077	8,612
66	76	66 762	6 893,970	59 664,988	8,655	8,191
67	77	64 238	6 408,961	52 771,018	8,234	7,770
68	78	61 542	5 932,365	46 362,058	7,815	7,351
69	79	58 694	5 466,500	40 429,693	7,396	6,932
70	80	55 590	5 002,355	34 963,193	6,989	6,525
71	81	52 258	4 543,435	29 960,837	6,594	6,130
72	82	48 737	4 094,013	25 417,402	6,208	5,744
73	83	45 073	3 658,212	21 323,389	5,829	5,365
74	84	41 254	3 235,009	17 665,177	5,461	4,997
75	85	37 291	2 825,361	14 430,168	5,107	4,643
76	86	33 240	2 433,289	11 604,807	4,769	4,305
77	87	29 145	2 061,353	9 171,517	4,449	3,985
78	88	25 115	1 716,260	7 110,164	4,143	3,679
79	89	21 203	1 399,941	5 393,904	3,853	3,389
80	90	17 464	1 114,067	3 993,963	3,585	3,121
81	91	14 009	863,423	2 879,896	3,335	2,871
82	92	10 888	648,414	2 016,472	3,110	2,646
83	93	8 185	470,927	1 368,058	2,905	2,441
84	94	5 924	329,303	897,131	2,724	2,260
85	95	4 099	220,147	567,828	2,579	2,115
86	96	2 747	142,559	347,682	2,439	1,975
87	97	1 766	88,543	205,123	2,317	1,853
88	98	1 107	53,622	116,580	2,174	1,710
89	99	656	30,707	62,958	2,050	1,586
90	100	368	16,636	32,251	1,939	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 623 591,638	26,341	25,877
1	12	99 240	95 883,754	2 523 991,318	26,323	25,859
2	13	99 205	92 608,745	2 428 107,564	26,219	25,755
3	14	99 181	89 455,424	2 335 498,819	26,108	25,644
4	15	99 158	86 410,165	2 246 043,394	25,993	25,529
5	16	99 134	83 467,956	2 159 633,229	25,874	25,410
6	17	99 110	80 626,390	2 076 165,273	25,750	25,286
7	18	99 086	77 880,411	1 995 538,883	25,623	25,159
8	19	99 057	75 225,116	1 917 658,472	25,492	25,028
9	20	99 030	72 661,322	1 842 433,356	25,356	24,892
10	21	99 004	70 185,532	1 769 772,034	25,216	24,752
11	22	98 980	67 795,667	1 699 586,501	25,069	24,605
12	23	98 954	65 485,877	1 631 790,834	24,918	24,454
13	24	98 924	63 252,693	1 566 304,957	24,763	24,299
14	25	98 898	61 097,506	1 503 052,265	24,601	24,137
15	26	98 868	59 013,272	1 441 954,758	24,434	23,970
16	27	98 834	56 997,992	1 382 941,487	24,263	23,799
17	28	98 787	55 044,313	1 325 943,495	24,089	23,625
18	29	98 733	53 154,058	1 270 899,182	23,910	23,446
19	30	98 670	51 323,605	1 217 745,124	23,727	23,263
20	31	98 599	49 552,600	1 166 421,519	23,539	23,075
21	32	98 523	47 840,053	1 116 868,919	23,346	22,882
22	33	98 445	46 185,569	1 069 028,866	23,146	22,682
23	34	98 366	44 587,731	1 022 843,297	22,940	22,476
24	35	98 282	43 043,309	978 255,566	22,727	22,263
25	36	98 195	41 550,904	935 212,257	22,508	22,044
26	37	98 102	40 107,672	893 661,352	22,282	21,818
27	38	98 010	38 715,187	853 553,680	22,047	21,583
28	39	97 901	37 364,343	814 838,493	21,808	21,344
29	40	97 792	36 060,725	777 474,150	21,560	21,096
30	41	97 670	34 797,697	741 413,424	21,306	20,842
31	42	97 539	33 575,961	706 615,727	21,045	20,581
32	43	97 391	32 391,311	673 039,766	20,778	20,314
33	44	97 235	31 245,884	640 648,455	20,503	20,039
34	45	97 067	30 137,051	609 402,571	20,221	19,757
35	46	96 881	29 062,124	579 265,520	19,932	19,468
36	47	96 672	28 018,798	550 203,396	19,637	19,173
37	48	96 448	27 008,509	522 184,597	19,334	18,870
38	49	96 204	26 029,025	495 176,088	19,024	18,560
39	50	95 929	25 076,915	469 147,062	18,708	18,244
40	51	95 635	24 154,766	444 070,147	18,384	17,920
41	52	95 304	23 257,125	419 915,382	18,055	17,591
42	53	94 944	22 385,791	396 658,256	17,719	17,255
43	54	94 543	21 537,529	374 272,466	17,378	16,914
44	55	94 104	20 712,603	352 734,937	17,030	16,566
45	56	93 624	19 910,055	332 022,333	16,676	16,212
46	57	93 095	19 127,969	312 112,278	16,317	15,853
47	58	92 520	18 367,132	292 984,309	15,952	15,488
48	59	91 883	17 623,834	274 617,177	15,582	15,118
49	60	91 185	16 898,424	256 993,344	15,208	14,744
50	61	90 408	16 187,859	240 094,919	14,832	14,368
51	62	89 586	15 498,222	223 907,061	14,447	13,983
52	63	88 698	14 825,672	208 408,839	14,057	13,593
53	64	87 724	14 167,031	193 583,167	13,664	13,200
54	65	86 650	13 520,449	179 416,136	13,270	12,806
55	66	85 477	12 886,337	165 895,687	12,874	12,410
56	67	84 209	12 265,926	153 009,350	12,474	12,010
57	68	82 823	11 656,083	140 743,424	12,075	11,611
58	69	81 359	11 062,826	129 087,342	11,669	11,205
59	70	79 771	10 480,094	118 024,516	11,262	10,798
60	71	78 070	9 909,802	107 544,421	10,852	10,388
61	72	76 252	9 351,627	97 634,619	10,440	9,976
62	73	74 327	8 807,343	88 282,991	10,024	9,560
63	74	72 289	8 276,165	79 475,649	9,603	9,139
64	75	70 124	7 756,782	71 199,484	9,179	8,715
65	76	67 804	7 246,617	63 442,702	8,755	8,291
66	77	65 305	6 743,502	56 196,084	8,333	7,869
67	78	62 667	6 252,250	49 452,583	7,910	7,446
68	79	59 813	5 765,664	43 200,333	7,493	7,029
69	80	56 762	5 286,525	37 434,669	7,081	6,617
70	81	53 455	4 810,225	32 148,144	6,683	6,219
71	82	49 955	4 343,240	27 337,919	6,294	5,830
72	83	46 283	3 887,914	22 994,680	5,914	5,450
73	84	42 455	3 445,736	19 106,766	5,545	5,081
74	85	38 480	3 017,549	15 661,029	5,190	4,726
75	86	34 411	2 607,183	12 643,480	4,849	4,385
76	87	30 285	2 216,951	10 036,297	4,527	4,063
77	88	26 196	1 852,765	7 819,346	4,220	3,756
78	89	22 231	1 519,190	5 966,581	3,927	3,463
79	90	18 427	1 216,664	4 447,391	3,655	3,191
80	91	14 880	949,255	3 230,727	3,403	2,939
81	92	11 664	718,942	2 281,472	3,173	2,709
82	93	8 846	526,799	1 562,529	2,966	2,502
83	94	6 472	372,410	1 035,731	2,781	2,317
84	95	4 531	251,860	663,321	2,634	2,170
85	96	3 078	165,323	411,461	2,489	2,025
86	97	2 007	104,141	246,138	2,364	1,899
87	98	1 277	64,012	141,997	2,218	1,754
88	99	770	37,282	77,986	2,092	1,628
89	100	439	20,557	40,704	1,980	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 616 563,028	26,273	25,809
1	13	99 232	95 876,168	2 516 970,127	26,252	25,788
2	14	99 196	92 600,807	2 421 093,958	26,145	25,681
3	15	99 170	89 446,037	2 328 493,152	26,032	25,568
4	16	99 145	86 399,355	2 239 047,114	25,915	25,451
5	17	99 120	83 456,179	2 152 647,759	25,794	25,330
6	18	99 096	80 614,585	2 069 191,581	25,668	25,204
7	19	99 065	77 864,551	1 988 576,995	25,539	25,075
8	20	99 038	75 210,596	1 910 712,444	25,405	24,941
9	21	99 012	72 647,868	1 835 501,849	25,266	24,802
10	22	98 987	70 173,913	1 762 853,981	25,121	24,657
11	23	98 962	67 783,936	1 692 680,068	24,972	24,508
12	24	98 932	65 471,667	1 624 896,133	24,818	24,354
13	25	98 908	63 241,967	1 559 424,466	24,658	24,194
14	26	98 880	61 086,114	1 496 182,499	24,493	24,029
15	27	98 849	59 001,789	1 435 096,385	24,323	23,859
16	28	98 812	56 985,542	1 376 094,595	24,148	23,684
17	29	98 762	55 030,585	1 319 109,054	23,970	23,506
18	30	98 708	53 140,303	1 264 078,468	23,788	23,324
19	31	98 640	51 308,365	1 210 938,166	23,601	23,137
20	32	98 568	49 536,783	1 159 629,800	23,409	22,945
21	33	98 489	47 823,450	1 110 093,017	23,212	22,748
22	34	98 410	46 169,125	1 062 269,567	23,008	22,544
23	35	98 327	44 570,292	1 016 100,442	22,798	22,334
24	36	98 242	43 025,985	971 530,150	22,580	22,116
25	37	98 149	41 531,423	928 504,165	22,357	21,893
26	38	98 057	40 089,214	886 972,742	22,125	21,661
27	39	97 953	38 692,513	846 883,528	21,888	21,424
28	40	97 843	37 342,085	808 191,015	21,643	21,179
29	41	97 726	36 036,251	770 848,929	21,391	20,927
30	42	97 595	34 771,152	734 812,678	21,133	20,669
31	43	97 458	33 548,099	700 041,527	20,867	20,403
32	44	97 304	32 362,161	666 493,428	20,595	20,131
33	45	97 136	31 214,012	634 131,267	20,316	19,852
34	46	96 959	30 103,540	602 917,255	20,028	19,564
35	47	96 758	29 025,223	572 813,715	19,735	19,271
36	48	96 534	27 978,632	543 788,491	19,436	18,972
37	49	96 294	26 965,307	515 809,859	19,129	18,665
38	50	96 029	25 981,875	488 844,552	18,815	18,351
39	51	95 739	25 027,497	462 862,677	18,494	18,030
40	52	95 424	24 101,413	437 835,180	18,166	17,702
41	53	95 070	23 200,022	413 733,767	17,833	17,369
42	54	94 684	22 324,607	390 533,745	17,493	17,029
43	55	94 259	21 472,709	368 209,138	17,148	16,684
44	56	93 793	20 643,974	346 736,429	16,796	16,332
45	57	93 285	19 838,003	326 092,454	16,438	15,974
46	58	92 723	19 051,605	306 254,452	16,075	15,611
47	59	92 112	18 286,123	287 202,847	15,706	15,242
48	60	91 440	17 538,711	268 916,724	15,333	14,869
49	61	90 693	16 807,324	251 378,013	14,956	14,492
50	62	89 902	16 097,286	234 570,689	14,572	14,108
51	63	89 042	15 404,045	218 473,403	14,183	13,719
52	64	88 114	14 728,053	203 069,358	13,788	13,324
53	65	87 085	14 063,791	188 341,305	13,392	12,928
54	66	85 956	13 412,121	174 277,514	12,994	12,530
55	67	84 730	12 773,770	160 865,393	12,593	12,129
56	68	83 393	12 147,015	148 091,623	12,192	11,728
57	69	81 977	11 537,018	135 944,609	11,783	11,319
58	70	80 450	10 939,230	124 407,590	11,373	10,909
59	71	78 799	10 352,410	113 468,360	10,961	10,497
60	72	77 025	9 777,107	103 115,951	10,547	10,083
61	73	75 153	9 216,877	93 338,844	10,127	9,663
62	74	73 176	8 670,981	84 121,967	9,702	9,238
63	75	71 052	8 134,573	75 450,986	9,275	8,811
64	76	68 786	7 608,880	67 316,414	8,847	8,383
65	77	66 325	7 088,452	59 707,534	8,423	7,959
66	78	63 708	6 578,610	52 619,082	7,999	7,534
67	79	60 906	6 076,560	46 040,472	7,577	7,113
68	80	57 843	5 575,839	39 963,912	7,167	6,703
69	81	54 581	5 083,480	34 388,073	6,765	6,301
70	82	51 100	4 598,274	29 304,592	6,373	5,909
71	83	47 440	4 124,594	24 706,318	5,990	5,526
72	84	43 595	3 662,096	20 581,724	5,620	5,156
73	85	39 601	3 214,111	16 919,628	5,264	4,800
74	86	35 509	2 784,530	13 705,517	4,922	4,458
75	87	31 352	2 375,384	10 920,987	4,598	4,134
76	88	27 220	1 992,618	8 545,603	4,289	3,825
77	89	23 188	1 640,021	6 552,985	3,996	3,532
78	90	19 321	1 320,301	4 912,964	3,721	3,257
79	91	15 701	1 036,674	3 592,663	3,466	3,002
80	92	12 390	790,412	2 555,989	3,234	2,770
81	93	9 477	584,099	1 765,577	3,023	2,559
82	94	6 996	416,593	1 181,478	2,836	2,372
83	95	4 950	284,829	764,885	2,685	2,221
84	96	3 402	189,138	480,056	2,538	2,074
85	97	2 248	120,771	290,918	2,409	1,945
86	98	1 451	75,288	170,147	2,260	1,796
87	99	888	44,505	94,859	2,131	1,667
88	100	515	24,959	50,353	2,017	1,553

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 609 137,091	26,200	25,736
1	14	99 223	95 867,950	2 509 552,069	26,177	25,713
2	15	99 186	92 591,090	2 413 684,120	26,068	25,604
3	16	99 158	89 434,847	2 321 093,030	25,953	25,489
4	17	99 131	86 387,164	2 231 658,183	25,833	25,369
5	18	99 105	83 443,959	2 145 271,019	25,709	25,245
6	19	99 076	80 598,169	2 061 827,059	25,582	25,118
7	20	99 046	77 849,521	1 981 228,891	25,449	24,985
8	21	99 020	75 196,669	1 903 379,369	25,312	24,848
9	22	98 995	72 635,841	1 828 182,701	25,169	24,705
10	23	98 970	70 161,769	1 755 546,860	25,021	24,557
11	24	98 941	67 769,227	1 685 385,091	24,869	24,405
12	25	98 915	65 460,565	1 617 615,863	24,711	24,247
13	26	98 889	63 230,175	1 552 155,298	24,548	24,084
14	27	98 861	61 074,228	1 488 925,123	24,379	23,915
15	28	98 827	58 988,902	1 427 850,895	24,205	23,741
16	29	98 787	56 971,330	1 368 861,994	24,027	23,563
17	30	98 736	55 016,345	1 311 890,664	23,845	23,381
18	31	98 678	53 124,523	1 256 874,319	23,659	23,195
19	32	98 609	51 291,988	1 203 749,796	23,469	23,005
20	33	98 534	49 519,592	1 152 457,808	23,273	22,809
21	34	98 454	47 806,423	1 102 938,216	23,071	22,607
22	35	98 372	46 151,067	1 055 131,793	22,863	22,399
23	36	98 288	44 552,353	1 008 980,726	22,647	22,183
24	37	98 196	43 005,812	964 428,373	22,426	21,962
25	38	98 104	41 512,310	921 422,560	22,196	21,732
26	39	97 999	40 065,735	879 910,251	21,962	21,498
27	40	97 894	38 669,464	839 844,516	21,719	21,255
28	41	97 776	37 316,741	801 175,052	21,470	21,006
29	42	97 651	36 008,760	763 858,310	21,213	20,749
30	43	97 514	34 742,298	727 849,550	20,950	20,486
31	44	97 371	33 517,908	693 107,252	20,679	20,215
32	45	97 204	32 329,150	659 589,344	20,402	19,938
33	46	97 028	31 179,303	627 260,194	20,118	19,654
34	47	96 836	30 065,317	596 080,890	19,826	19,362
35	48	96 619	28 983,614	566 015,573	19,529	19,065
36	49	96 379	27 933,878	537 031,959	19,225	18,761
37	50	96 119	26 916,461	509 098,081	18,914	18,450
38	51	95 840	25 930,674	482 181,620	18,595	18,131
39	52	95 528	24 972,217	456 250,946	18,270	17,806
40	53	95 189	24 042,237	431 278,729	17,938	17,474
41	54	94 810	23 136,613	407 236,493	17,601	17,137
42	55	94 399	22 257,418	384 099,880	17,257	16,793
43	56	93 946	21 401,562	361 842,461	16,907	16,443
44	57	93 453	20 569,266	340 440,900	16,551	16,087
45	58	92 913	19 758,804	319 871,634	16,189	15,725
46	59	92 314	18 967,577	300 112,830	15,822	15,358
47	60	91 667	18 197,800	281 145,253	15,449	14,985
48	61	90 947	17 444,159	262 947,453	15,074	14,610
49	62	90 186	16 713,286	245 503,293	14,689	14,225
50	63	89 356	15 999,469	228 790,008	14,300	13,836
51	64	88 455	15 302,618	212 790,539	13,905	13,441
52	65	87 472	14 620,725	197 487,921	13,507	13,043
53	66	86 387	13 951,109	182 867,196	13,108	12,644
54	67	85 205	13 294,960	168 916,087	12,705	12,241
55	68	83 909	12 649,936	155 621,126	12,302	11,838
56	69	82 541	12 022,936	142 971,191	11,892	11,428
57	70	81 061	11 408,125	130 948,255	11,479	11,014
58	71	79 470	10 805,952	119 540,130	11,062	10,598
59	72	77 744	10 213,787	108 734,179	10,646	10,182
60	73	75 915	9 636,225	98 520,392	10,224	9,760
61	74	73 989	9 074,174	88 884,167	9,795	9,331
62	75	71 924	8 522,634	79 809,992	9,364	8,900
63	76	69 697	7 979,466	71 287,358	8,934	8,470
64	77	67 285	7 442,808	63 307,892	8,506	8,042
65	78	64 703	6 915,126	55 865,084	8,079	7,615
66	79	61 918	6 393,750	48 949,958	7,656	7,192
67	80	58 901	5 876,499	42 556,208	7,242	6,778
68	81	55 622	5 361,683	36 679,709	6,841	6,377
69	82	52 176	4 859,489	31 318,026	6,445	5,981
70	83	48 527	4 366,790	26 458,537	6,059	5,595
71	84	44 685	3 885,030	22 091,747	5,686	5,222
72	85	40 664	3 415,927	18 206,717	5,330	4,866
73	86	36 543	2 965,913	14 790,791	4,987	4,523
74	87	32 352	2 536,964	11 824,878	4,661	4,197
75	88	28 179	2 135,019	9 287,914	4,350	3,886
76	89	24 095	1 763,815	7 152,895	4,055	3,591
77	90	20 152	1 425,313	5 389,079	3,781	3,317
78	91	16 462	1 124,980	3 963,767	3,523	3,059
79	92	13 074	863,202	2 838,787	3,289	2,825
80	93	10 066	642,163	1 975,585	3,076	2,612
81	94	7 494	461,906	1 333,422	2,887	2,423
82	95	5 350	318,622	871,515	2,735	2,271
83	96	3 718	213,897	552,893	2,585	2,121
84	97	2 485	138,168	338,996	2,454	1,989
85	98	1 626	87,310	200,828	2,300	1,836
86	99	1 009	52,346	113,517	2,169	1,705
87	100	594	29,795	61,172	2,053	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 601 303,854	26,124	25,660
1	15	99 213	95 857,890	2 501 727,369	26,098	25,634
2	16	99 173	92 579,506	2 405 869,479	25,987	25,523
3	17	99 144	89 422,228	2 313 289,973	25,869	25,405
4	18	99 117	86 374,516	2 223 867,745	25,747	25,283
5	19	99 085	83 426,966	2 137 493,230	25,621	25,157
6	20	99 057	80 582,611	2 054 066,263	25,490	25,026
7	21	99 028	77 835,106	1 973 483,652	25,355	24,891
8	22	99 003	75 184,220	1 895 648,546	25,213	24,749
9	23	98 978	72 623,271	1 820 464,326	25,067	24,603
10	24	98 949	70 146,545	1 747 841,055	24,917	24,453
11	25	98 924	67 757,736	1 677 694,510	24,760	24,296
12	26	98 897	65 448,359	1 609 936,774	24,599	24,135
13	27	98 870	63 217,872	1 544 488,415	24,431	23,967
14	28	98 839	61 060,888	1 481 270,543	24,259	23,795
15	29	98 802	58 974,190	1 420 209,655	24,082	23,618
16	30	98 762	56 956,587	1 361 235,465	23,900	23,436
17	31	98 707	55 000,008	1 304 278,878	23,714	23,250
18	32	98 647	53 107,566	1 249 278,870	23,524	23,060
19	33	98 575	51 274,187	1 196 171,304	23,329	22,865
20	34	98 498	49 501,960	1 144 897,116	23,128	22,664
21	35	98 416	47 787,725	1 095 395,156	22,922	22,458
22	36	98 332	46 132,492	1 047 607,431	22,709	22,245
23	37	98 242	44 531,465	1 001 474,939	22,489	22,025
24	38	98 151	42 986,020	956 943,474	22,262	21,798
25	39	98 046	41 487,997	913 957,454	22,029	21,565
26	40	97 941	40 041,868	872 469,456	21,789	21,325
27	41	97 828	38 643,219	832 427,588	21,541	21,077
28	42	97 702	37 288,274	793 784,369	21,288	20,824
29	43	97 570	35 978,880	756 496,095	21,026	20,562
30	44	97 427	34 711,032	720 517,215	20,758	20,294
31	45	97 271	33 483,719	685 806,183	20,482	20,018
32	46	97 096	32 293,201	652 322,464	20,200	19,736
33	47	96 905	31 139,714	620 029,263	19,911	19,447
34	48	96 697	30 022,217	588 889,549	19,615	19,151
35	49	96 465	28 937,253	558 867,332	19,313	18,849
36	50	96 205	27 883,277	529 930,079	19,005	18,541
37	51	95 930	26 863,418	502 046,802	18,689	18,225
38	52	95 628	25 873,398	475 183,384	18,366	17,902
39	53	95 293	24 910,903	449 309,986	18,037	17,573
40	54	94 929	23 976,526	424 399,083	17,701	17,237
41	55	94 525	23 066,980	400 422,557	17,359	16,895
42	56	94 087	22 183,671	377 355,577	17,011	16,546
43	57	93 606	21 324,112	355 171,906	16,656	16,192
44	58	93 080	20 487,148	333 847,794	16,295	15,831
45	59	92 503	19 671,656	313 360,647	15,930	15,466
46	60	91 868	18 875,963	293 688,990	15,559	15,095
47	61	91 173	18 099,696	274 813,027	15,183	14,719
48	62	90 438	17 346,557	256 713,331	14,799	14,335
49	63	89 638	16 611,725	239 366,774	14,410	13,945
50	64	88 768	15 894,121	222 755,049	14,015	13,551
51	65	87 811	15 191,103	206 860,927	13,617	13,153
52	66	86 771	14 503,581	191 669,824	13,215	12,751
53	67	85 632	13 829,241	177 166,243	12,811	12,347
54	68	84 379	13 166,073	163 337,003	12,406	11,942
55	69	83 052	12 520,719	150 170,929	11,994	11,530
56	70	81 619	11 888,613	137 650,210	11,578	11,114
57	71	80 074	11 269,133	125 761,597	11,160	10,696
58	72	78 406	10 661,256	114 492,463	10,739	10,275
59	73	76 624	10 066,613	103 831,207	10,314	9,850
60	74	74 740	9 487,030	93 764,594	9,883	9,419
61	75	72 723	8 918,929	84 277,564	9,449	8,985
62	76	70 553	8 360,129	75 358,635	9,014	8,550
63	77	68 176	7 805,306	66 998,506	8,584	8,120
64	78	65 640	7 260,817	59 193,200	8,152	7,688
65	79	62 885	6 720,809	51 932,383	7,727	7,263
66	80	59 880	6 183,246	45 211,574	7,312	6,848
67	81	56 639	5 650,795	39 028,327	6,907	6,443
68	82	53 171	5 125,433	33 377,532	6,512	6,048
69	83	49 550	4 614,855	28 252,099	6,122	5,658
70	84	45 709	4 113,158	23 637,244	5,747	5,283
71	85	41 681	3 623,875	19 524,086	5,388	4,924
72	86	37 524	3 152,144	15 900,211	5,044	4,580
73	87	33 294	2 702,220	12 748,067	4,718	4,254
74	88	29 078	2 280,248	10 045,847	4,406	3,942
75	89	24 943	1 889,865	7 765,598	4,109	3,645
76	90	20 940	1 532,900	5 875,733	3,833	3,369
77	91	17 171	1 214,456	4 342,833	3,576	3,112
78	92	13 708	936,731	3 128,376	3,340	2,876
79	93	10 622	701,301	2 191,645	3,125	2,661
80	94	7 961	507,824	1 490,344	2,935	2,471
81	95	5 732	353,279	982,520	2,781	2,317
82	96	4 018	239,274	629,242	2,630	2,166
83	97	2 716	156,255	389,967	2,496	2,032
84	98	1 797	99,888	233,712	2,340	1,876
85	99	1 130	60,704	133,824	2,205	1,740
86	100	675	35,044	73,120	2,087	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 593 053,448	26,044	25,580
1	16	99 201	95 845,898	2 493 487,412	26,016	25,552
2	17	99 159	92 566,443	2 397 641,515	25,902	25,438
3	18	99 130	89 409,135	2 305 075,071	25,781	25,317
4	19	99 097	86 356,926	2 215 665,937	25,657	25,193
5	20	99 066	83 410,863	2 129 309,011	25,528	25,064
6	21	99 038	80 567,690	2 045 898,148	25,394	24,930
7	22	99 012	77 822,220	1 965 330,458	25,254	24,790
8	23	98 986	75 171,209	1 887 508,238	25,109	24,645
9	24	98 957	72 607,513	1 812 337,029	24,961	24,497
10	25	98 932	70 134,650	1 739 729,516	24,806	24,342
11	26	98 906	67 745,102	1 669 594,865	24,645	24,181
12	27	98 878	65 435,625	1 601 849,764	24,480	24,016
13	28	98 848	63 204,063	1 536 414,139	24,309	23,845
14	29	98 814	61 045,660	1 473 210,075	24,133	23,669
15	30	98 777	58 958,929	1 412 164,416	23,952	23,488
16	31	98 733	56 939,674	1 353 205,487	23,766	23,302
17	32	98 676	54 982,453	1 296 265,813	23,576	23,112
18	33	98 612	53 089,136	1 241 283,360	23,381	22,917
19	34	98 540	51 255,931	1 188 194,224	23,182	22,718
20	35	98 460	49 482,599	1 136 938,293	22,977	22,513
21	36	98 376	47 768,492	1 087 455,694	22,765	22,301
22	37	98 286	46 110,863	1 039 687,202	22,548	22,084
23	38	98 196	44 510,971	993 576,339	22,322	21,858
24	39	98 094	42 960,845	949 065,369	22,091	21,627
25	40	97 988	41 463,283	906 104,524	21,853	21,389
26	41	97 874	40 014,692	864 641,241	21,608	21,144
27	42	97 753	38 613,740	824 626,549	21,356	20,892
28	43	97 621	37 257,332	786 012,810	21,097	20,633
29	44	97 483	35 946,501	748 755,478	20,830	20,366
30	45	97 327	34 675,626	712 808,977	20,556	20,092
31	46	97 163	33 446,486	678 133,351	20,275	19,811
32	47	96 973	32 252,198	644 686,865	19,989	19,525
33	48	96 766	31 095,074	612 434,667	19,696	19,232
34	49	96 543	29 974,194	581 339,593	19,395	18,931
35	50	96 290	28 884,835	551 365,399	19,088	18,624
36	51	96 015	27 828,329	522 480,564	18,775	18,311
37	52	95 718	26 804,082	494 652,236	18,454	17,990
38	53	95 394	25 809,871	467 848,153	18,127	17,663
39	54	95 033	24 842,818	442 038,282	17,793	17,329
40	55	94 644	23 904,365	417 195,464	17,453	16,989
41	56	94 211	22 990,550	393 291,099	17,107	16,643
42	57	93 746	22 103,390	370 300,549	16,753	16,289
43	58	93 233	21 238,980	348 197,158	16,394	15,930
44	59	92 670	20 396,788	326 958,178	16,030	15,566
45	60	92 056	19 576,642	306 561,390	15,660	15,196
46	61	91 373	18 774,203	286 984,748	15,286	14,822
47	62	90 663	17 998,426	268 210,545	14,902	14,438
48	63	89 888	17 241,149	250 212,119	14,512	14,048
49	64	89 048	16 502,347	232 970,970	14,117	13,653
50	65	88 121	15 778,295	216 468,624	13,719	13,255
51	66	87 107	15 069,389	200 690,328	13,318	12,854
52	67	86 013	14 376,886	185 620,939	12,911	12,447
53	68	84 802	13 695,174	171 244,053	12,504	12,040
54	69	83 517	13 031,585	157 548,879	12,090	11,626
55	70	82 124	12 380,836	144 517,294	11,673	11,209
56	71	80 625	11 743,768	132 136,458	11,252	10,788
57	72	79 002	11 118,236	120 392,690	10,828	10,364
58	73	77 276	10 507,634	109 274,455	10,400	9,936
59	74	75 438	9 910,755	98 766,820	9,966	9,502
60	75	73 461	9 324,722	88 856,066	9,529	9,065
61	76	71 337	8 748,867	79 531,344	9,090	8,626
62	77	69 013	8 177,660	70 782,477	8,656	8,192
63	78	66 509	7 614,451	62 604,817	8,222	7,758
64	79	63 795	7 056,786	54 990,365	7,793	7,329
65	80	60 814	6 499,538	47 933,579	7,375	6,911
66	81	57 580	5 945,761	41 434,041	6,969	6,505
67	82	54 143	5 401,806	35 488,280	6,570	6,106
68	83	50 494	4 867,411	30 086,474	6,181	5,717
69	84	46 672	4 346,815	25 219,063	5,802	5,338
70	85	42 636	3 836,668	20 872,248	5,440	4,976
71	86	38 462	3 344,034	17 035,580	5,094	4,630
72	87	34 188	2 871,895	13 691,546	4,767	4,303
73	88	29 925	2 428,783	10 819,651	4,455	3,991
74	89	25 739	2 018,419	8 390,868	4,157	3,693
75	90	21 678	1 642,448	6 372,450	3,880	3,416
76	91	17 842	1 306,128	4 730,002	3,621	3,157
77	92	14 297	1 011,235	3 423,874	3,386	2,922
78	93	11 137	761,039	2 412,639	3,170	2,706
79	94	8 400	554,590	1 651,600	2,978	2,514
80	95	6 088	388,398	1 097,010	2,824	2,360
81	96	4 304	265,300	708,612	2,671	2,207
82	97	2 935	174,793	443,311	2,536	2,072
83	98	1 963	112,964	268,518	2,377	1,913
84	99	1 249	69,449	155,554	2,240	1,776
85	100	757	40,640	86,105	2,119	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 584 377,124	25,960	25,496
1	17	99 187	95 832,374	2 484 823,544	25,929	25,465
2	18	99 145	92 552,890	2 388 991,170	25,812	25,348
3	19	99 109	89 390,927	2 296 438,281	25,690	25,226
4	20	99 077	86 340,257	2 207 047,353	25,562	25,098
5	21	99 048	83 395,418	2 120 707,096	25,430	24,966
6	22	99 022	80 554,351	2 037 311,678	25,291	24,827
7	23	98 994	77 808,753	1 956 757,327	25,148	24,684
8	24	98 965	75 154,898	1 878 948,574	25,001	24,537
9	25	98 940	72 595,201	1 803 793,676	24,847	24,383
10	26	98 913	70 121,573	1 731 198,475	24,689	24,225
11	27	98 887	67 731,920	1 661 076,902	24,524	24,060
12	28	98 856	65 421,332	1 593 344,981	24,355	23,891
13	29	98 824	63 188,301	1 527 923,650	24,180	23,716
14	30	98 789	61 029,862	1 464 735,349	24,000	23,536
15	31	98 747	58 941,422	1 403 705,487	23,815	23,351
16	32	98 701	56 921,499	1 344 764,065	23,625	23,161
17	33	98 641	54 963,371	1 287 842,565	23,431	22,967
18	34	98 577	53 070,233	1 232 879,194	23,231	22,767
19	35	98 501	51 235,884	1 179 808,961	23,027	22,563
20	36	98 420	49 462,684	1 128 573,077	22,817	22,353
21	37	98 330	47 746,095	1 079 110,393	22,601	22,137
22	38	98 241	46 089,642	1 031 364,298	22,377	21,913
23	39	98 139	44 484,902	985 274,656	22,149	21,684
24	40	98 035	42 935,253	940 789,754	21,912	21,448
25	41	97 921	41 435,142	897 854,501	21,669	21,205
26	42	97 800	39 984,166	856 419,359	21,419	20,955
27	43	97 672	38 581,698	816 435,193	21,161	20,697
28	44	97 533	37 223,803	777 853,495	20,897	20,433
29	45	97 383	35 909,835	740 629,693	20,625	20,161
30	46	97 219	34 637,068	704 719,858	20,346	19,882
31	47	97 040	33 404,018	670 082,790	20,060	19,596
32	48	96 834	32 205,963	636 678,772	19,769	19,305
33	49	96 611	31 045,335	604 472,809	19,471	19,007
34	50	96 368	29 919,897	573 427,474	19,165	18,701
35	51	96 100	28 827,912	543 507,577	18,854	18,389
36	52	95 803	27 766,862	514 679,665	18,536	18,072
37	53	95 483	26 738,270	486 912,803	18,210	17,746
38	54	95 133	25 739,329	460 174,533	17,878	17,414
39	55	94 747	24 768,050	434 435,203	17,540	17,076
40	56	94 330	23 825,161	409 667,153	17,195	16,731
41	57	93 871	22 907,350	385 841,993	16,844	16,380
42	58	93 372	22 015,148	362 934,642	16,486	16,022
43	59	92 822	21 145,304	340 919,495	16,123	15,659
44	60	92 222	20 298,272	319 774,190	15,754	15,290
45	61	91 560	19 471,104	299 475,919	15,381	14,917
46	62	90 862	18 669,159	280 004,815	14,998	14,534
47	63	90 112	17 889,056	261 335,656	14,609	14,145
48	64	89 296	17 127,626	243 446,600	14,214	13,750
49	65	88 399	16 382,088	226 318,974	13,815	13,351

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	66	87 415	15 651,877	209 936,886	13,413	12,949
51	67	86 346	14 937,752	194 285,009	13,006	12,542
52	68	85 179	14 237,511	179 347,257	12,597	12,133
53	69	83 936	13 555,281	165 109,746	12,180	11,716
54	70	82 584	12 885,993	151 554,465	11,761	11,297
55	71	81 123	12 229,993	138 668,471	11,338	10,874
56	72	79 545	11 586,514	126 438,478	10,913	10,449
57	73	77 863	10 958,029	114 851,963	10,481	10,017
58	74	76 080	10 344,947	103 893,934	10,043	9,579
59	75	74 147	9 741,197	93 548,987	9,603	9,139
60	76	72 060	9 146,922	83 807,789	9,162	8,698
61	77	69 780	8 557,914	74 660,867	8,724	8,260
62	78	67 325	7 977,701	66 102,953	8,286	7,822
63	79	64 640	7 400,484	58 125,253	7,854	7,390
64	80	61 695	6 824,454	50 724,769	7,433	6,969
65	81	58 478	6 249,904	43 900,315	7,024	6,560
66	82	55 043	5 683,775	37 650,411	6,624	6,160
67	83	51 417	5 129,871	31 966,636	6,231	5,767
68	84	47 561	4 584,702	26 836,765	5,854	5,390
69	85	43 535	4 054,618	22 252,063	5,488	5,024
70	86	39 344	3 540,395	18 197,445	5,140	4,676
71	87	35 043	3 046,724	14 657,049	4,811	4,347
72	88	30 729	2 581,287	11 610,325	4,498	4,034
73	89	26 489	2 149,897	9 029,038	4,200	3,736
74	90	22 370	1 754,171	6 879,140	3,922	3,458
75	91	18 471	1 399,469	5 124,969	3,662	3,198
76	92	14 857	1 087,567	3 725,500	3,426	2,962
77	93	11 616	821,569	2 637,933	3,211	2,747
78	94	8 807	601,831	1 816,364	3,018	2,554
79	95	6 424	424,166	1 214,533	2,863	2,399
80	96	4 572	291,674	790,367	2,710	2,246
81	97	3 144	193,806	498,693	2,573	2,109
82	98	2 122	126,366	304,887	2,413	1,949
83	99	1 365	78,540	178,521	2,273	1,809
84	100	836	46,494	99,981	2,150	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 575 266,033	25,872	25,408
1	18	99 172	95 818,342	2 475 726,501	25,838	25,374
2	19	99 125	92 534,042	2 379 908,158	25,719	25,255
3	20	99 090	89 373,673	2 287 374,116	25,593	25,129
4	21	99 059	86 324,270	2 198 000,444	25,462	24,998
5	22	99 031	83 381,611	2 111 676,174	25,325	24,861
6	23	99 005	80 540,412	2 028 294,563	25,184	24,720
7	24	98 973	77 791,870	1 947 754,151	25,038	24,574
8	25	98 948	75 142,154	1 869 962,281	24,886	24,422
9	26	98 921	72 581,665	1 794 820,127	24,728	24,264
10	27	98 894	70 107,929	1 722 238,462	24,566	24,102
11	28	98 865	67 717,126	1 652 130,533	24,398	23,934
12	29	98 831	65 405,016	1 584 413,407	24,225	23,761
13	30	98 798	63 171,949	1 519 008,391	24,046	23,582
14	31	98 759	61 011,740	1 455 836,443	23,862	23,398
15	32	98 716	58 922,608	1 394 824,702	23,672	23,208
16	33	98 667	56 901,745	1 335 902,094	23,477	23,013
17	34	98 606	54 943,802	1 279 000,349	23,278	22,814
18	35	98 539	53 049,477	1 224 056,547	23,074	22,610
19	36	98 461	51 215,263	1 171 007,071	22,864	22,400
20	37	98 374	49 439,493	1 119 791,808	22,650	22,186
21	38	98 285	47 724,121	1 070 352,315	22,428	21,964
22	39	98 183	46 062,649	1 022 628,193	22,201	21,737
23	40	98 080	44 458,402	976 565,544	21,966	21,502
24	41	97 969	42 906,113	932 107,142	21,724	21,260
25	42	97 847	41 403,533	889 201,029	21,476	21,012
26	43	97 718	39 950,987	847 797,497	21,221	20,757
27	44	97 584	38 546,977	807 846,510	20,957	20,493
28	45	97 433	37 185,833	769 299,533	20,688	20,224
29	46	97 275	35 869,904	732 113,700	20,410	19,946
30	47	97 096	34 593,088	696 243,796	20,127	19,663
31	48	96 901	33 356,132	661 650,708	19,836	19,372
32	49	96 679	32 154,447	628 294,576	19,540	19,076
33	50	96 436	30 989,098	596 140,129	19,237	18,773
34	51	96 178	29 860,935	565 151,031	18,926	18,462
35	52	95 888	28 764,238	535 290,096	18,610	18,146
36	53	95 568	27 698,686	506 525,858	18,287	17,823
37	54	95 222	26 665,191	478 827,172	17,957	17,493
38	55	94 847	25 661,863	452 161,981	17,620	17,156
39	56	94 433	24 685,983	426 500,118	17,277	16,813
40	57	93 989	23 738,940	401 814,134	16,926	16,462
41	58	93 496	22 815,898	378 075,194	16,571	16,107
42	59	92 960	21 918,048	355 259,296	16,209	15,745
43	60	92 373	21 043,172	333 341,248	15,841	15,377
44	61	91 725	20 188,843	312 298,075	15,469	15,005
45	62	91 048	19 362,161	292 109,232	15,087	14,623
46	63	90 310	18 555,713	272 747,071	14,699	14,235
47	64	89 519	17 771,267	254 191,357	14,304	13,839
48	65	88 646	17 002,811	236 420,090	13,905	13,441
49	66	87 691	16 250,832	219 417,280	13,502	13,038
50	67	86 651	15 515,151	203 166,447	13,095	12,631
51	68	85 509	14 792,939	187 651,296	12,685	12,221
52	69	84 309	14 092,078	172 858,357	12,266	11,802
53	70	82 998	13 403,839	158 766,279	11,845	11,381
54	71	81 578	12 728,997	145 362,440	11,420	10,956
55	72	80 037	12 066,229	132 633,443	10,992	10,528
56	73	78 399	11 419,561	120 567,214	10,558	10,094
57	74	76 658	10 788,369	109 147,654	10,117	9,653
58	75	74 778	10 167,962	98 359,285	9,673	9,209
59	76	72 733	9 555,457	88 191,323	9,229	8,765
60	77	70 487	8 947,281	78 635,866	8,789	8,325
61	78	68 073	8 348,657	69 688,585	8,347	7,883
62	79	65 434	7 753,525	61 339,929	7,911	7,447
63	80	62 512	7 156,835	53 586,403	7,487	7,023
64	81	59 325	6 562,340	46 429,568	7,075	6,611
65	82	55 902	5 974,517	39 867,228	6,673	6,209
66	83	52 272	5 397,645	33 892,710	6,279	5,815
67	84	48 431	4 831,918	28 495,066	5,897	5,433
68	85	44 364	4 276,514	23 663,147	5,533	5,069
69	86	40 173	3 741,515	19 386,633	5,181	4,717
70	87	35 846	3 225,627	15 645,117	4,850	4,386
71	88	31 497	2 738,426	12 419,490	4,535	4,071
72	89	27 200	2 284,891	9 681,065	4,237	3,773
73	90	23 021	1 868,437	7 396,174	3,958	3,494
74	91	19 060	1 494,664	5 527,737	3,698	3,234
75	92	15 380	1 165,289	4 033,072	3,461	2,997
76	93	12 070	883,584	2 867,783	3,246	2,782
77	94	9 186	649,699	1 984,199	3,054	2,590
78	95	6 736	460,297	1 334,500	2,899	2,435
79	96	4 824	318,534	874,203	2,744	2,280
80	97	3 340	213,072	555,669	2,608	2,144
81	98	2 273	140,111	342,597	2,445	1,981
82	99	1 475	87,858	202,486	2,305	1,841
83	100	914	52,581	114,628	2,180	1,716

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 565 710,640	25,780	25,316
1	19	99 152	95 798,830	2 466 185,681	25,743	25,279
2	20	99 106	92 516,181	2 370 386,852	25,621	25,157
3	21	99 072	89 357,123	2 277 870,671	25,492	25,028
4	22	99 043	86 309,978	2 188 513,547	25,356	24,892
5	23	99 014	83 367,182	2 102 203,569	25,216	24,752
6	24	98 983	80 522,936	2 018 836,387	25,072	24,608
7	25	98 956	77 778,678	1 938 313,451	24,921	24,457
8	26	98 929	75 128,143	1 860 534,773	24,765	24,301
9	27	98 902	72 567,542	1 785 406,630	24,603	24,139
10	28	98 873	70 092,616	1 712 839,087	24,437	23,973
11	29	98 840	67 700,237	1 642 746,472	24,265	23,801
12	30	98 806	65 388,091	1 575 046,234	24,088	23,624
13	31	98 769	63 153,191	1 509 658,143	23,905	23,441
14	32	98 728	60 992,266	1 446 504,953	23,716	23,252
15	33	98 682	58 902,159	1 385 512,687	23,522	23,058
16	34	98 632	56 881,485	1 326 610,528	23,322	22,858
17	35	98 568	54 922,312	1 269 729,042	23,119	22,655
18	36	98 499	53 028,125	1 214 806,730	22,909	22,445
19	37	98 415	51 191,251	1 161 778,605	22,695	22,231
20	38	98 329	49 416,740	1 110 587,354	22,474	22,010
21	39	98 227	47 696,171	1 061 170,614	22,249	21,785
22	40	98 125	46 035,209	1 013 474,443	22,015	21,551
23	41	98 014	44 428,229	967 439,234	21,775	21,311
24	42	97 894	42 873,381	923 011,005	21,529	21,065
25	43	97 765	41 369,175	880 137,624	21,275	20,811
26	44	97 631	39 915,034	838 768,448	21,014	20,550
27	45	97 485	38 507,657	798 853,415	20,745	20,281
28	46	97 325	37 144,484	760 345,757	20,470	20,006
29	47	97 151	35 824,359	723 201,274	20,187	19,723
30	48	96 956	34 543,498	687 376,914	19,899	19,435
31	49	96 746	33 302,776	652 833,417	19,603	19,139
32	50	96 504	32 096,201	619 530,641	19,302	18,838
33	51	96 246	30 928,029	587 434,440	18,994	18,530
34	52	95 965	29 794,979	556 506,411	18,678	18,214
35	53	95 653	28 693,613	526 711,432	18,356	17,892
36	54	95 307	27 622,982	498 017,819	18,029	17,565
37	55	94 935	26 584,938	470 394,837	17,694	17,230
38	56	94 532	25 576,836	443 809,899	17,352	16,888
39	57	94 091	24 596,648	418 233,064	17,004	16,540
40	58	93 613	23 644,168	393 636,416	16,648	16,184
41	59	93 083	22 715,267	369 992,248	16,288	15,824
42	60	92 511	21 812,184	347 276,981	15,921	15,457
43	61	91 875	20 929,728	325 464,797	15,550	15,086
44	62	91 212	20 075,884	304 535,069	15,169	14,705
45	63	90 495	19 244,504	284 459,184	14,781	14,317
46	64	89 715	18 433,535	265 214,680	14,388	13,924
47	65	88 867	17 641,762	246 781,145	13,988	13,524
48	66	87 935	16 866,581	229 139,383	13,585	13,121
49	67	86 925	16 108,874	212 272,802	13,177	12,713
50	68	85 811	15 364,741	196 163,927	12,767	12,303
51	69	84 636	14 641,833	180 799,186	12,348	11,884
52	70	83 367	13 934,639	166 157,353	11,924	11,460
53	71	81 987	13 240,533	152 222,715	11,497	11,033
54	72	80 486	12 558,551	138 982,182	11,067	10,603
55	73	78 884	11 892,363	126 423,631	10,631	10,167
56	74	77 185	11 242,754	114 531,268	10,187	9,723
57	75	75 346	10 603,797	103 288,514	9,741	9,277
58	76	73 352	9 974,084	92 684,717	9,293	8,829
59	77	71 146	9 346,898	82 710,633	8,849	8,385
60	78	68 764	8 728,503	73 363,735	8,405	7,941
61	79	66 161	8 114,058	64 635,232	7,966	7,502
62	80	63 279	7 498,254	56 521,174	7,538	7,074
63	81	60 111	6 881,956	49 022,920	7,123	6,659
64	82	56 711	6 273,187	42 140,965	6,718	6,254
65	83	53 088	5 673,751	35 867,778	6,322	5,858
66	84	49 236	5 084,139	30 194,027	5,939	5,475
67	85	45 175	4 507,112	25 109,888	5,571	5,107
68	86	40 938	3 946,276	20 602,775	5,221	4,757
69	87	36 601	3 408,866	16 656,499	4,886	4,422
70	88	32 219	2 899,226	13 247,633	4,569	4,105
71	89	27 880	2 423,986	10 348,408	4,269	3,805
72	90	23 639	1 985,757	7 924,422	3,991	3,527
73	91	19 615	1 592,026	5 938,664	3,730	3,266
74	92	15 871	1 244,555	4 346,638	3,493	3,029
75	93	12 495	946,729	3 102,084	3,277	2,813
76	94	9 545	698,740	2 155,354	3,085	2,621
77	95	7 026	496,907	1 456,614	2,931	2,467
78	96	5 058	345,668	959,707	2,776	2,312
79	97	3 524	232,694	614,039	2,639	2,175
80	98	2 415	154,039	381,345	2,476	2,012
81	99	1 580	97,415	227,306	2,333	1,869
82	100	988	58,819	129,892	2,208	1,744

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 555 699,976	25,684	25,220
1	20	99 133	95 780,338	2 456 195,285	25,644	25,180
2	21	99 087	92 499,050	2 360 414,947	25,518	25,054
3	22	99 055	89 342,330	2 267 915,897	25,385	24,921
4	23	99 026	86 295,042	2 178 573,567	25,246	24,782
5	24	98 993	83 349,093	2 092 278,525	25,103	24,639
6	25	98 966	80 509,281	2 008 929,432	24,953	24,489
7	26	98 938	77 764,176	1 928 420,151	24,798	24,334
8	27	98 910	75 113,525	1 850 655,975	24,638	24,174
9	28	98 881	72 551,692	1 775 542,450	24,473	24,009
10	29	98 848	70 075,135	1 702 990,758	24,302	23,838
11	30	98 815	67 682,718	1 632 915,623	24,126	23,662
12	31	98 777	65 368,675	1 565 232,905	23,945	23,481
13	32	98 737	63 133,033	1 499 864,230	23,757	23,293
14	33	98 694	60 971,099	1 436 731,198	23,564	23,100
15	34	98 647	58 881,187	1 375 760,099	23,365	22,901
16	35	98 593	56 859,238	1 316 878,912	23,160	22,696
17	36	98 528	54 900,207	1 260 019,674	22,951	22,487
18	37	98 453	53 003,263	1 205 119,467	22,737	22,273
19	38	98 370	51 167,691	1 152 116,204	22,516	22,052
20	39	98 271	49 387,798	1 100 948,512	22,292	21,828
21	40	98 168	47 667,759	1 051 560,714	22,060	21,596
22	41	98 058	46 003,965	1 003 892,955	21,822	21,358
23	42	97 939	44 394,336	957 888,990	21,577	21,113
24	43	97 813	42 837,805	913 494,654	21,324	20,860
25	44	97 678	41 331,946	870 656,850	21,065	20,601
26	45	97 531	39 874,319	829 324,904	20,798	20,334
27	46	97 376	38 464,838	789 450,585	20,524	20,060
28	47	97 201	37 097,320	750 985,746	20,244	19,780
29	48	97 012	35 773,004	713 888,426	19,956	19,492
30	49	96 801	34 488,243	678 115,423	19,662	19,198
31	50	96 570	33 242,450	643 627,180	19,362	18,898
32	51	96 314	32 032,950	610 384,730	19,055	18,591
33	52	96 034	30 859,716	578 351,780	18,741	18,277
34	53	95 730	29 721,823	547 492,064	18,421	17,957
35	54	95 391	28 615,189	517 770,241	18,094	17,630
36	55	95 020	27 539,847	489 155,052	17,762	17,298
37	56	94 621	26 496,852	461 615,205	17,422	16,957
38	57	94 190	25 484,276	435 118,353	17,074	16,610
39	58	93 716	24 498,451	409 634,077	16,721	16,257
40	59	93 201	23 539,884	385 135,626	16,361	15,897
41	60	92 634	22 605,552	361 595,742	15,996	15,532
42	61	92 012	21 694,594	338 990,190	15,626	15,162
43	62	91 361	20 812,624	317 295,596	15,245	14,781
44	63	90 657	19 953,891	296 482,972	14,858	14,394
45	64	89 899	19 117,791	276 529,081	14,464	14,000
46	65	89 061	18 299,203	257 411,291	14,067	13,603
47	66	88 155	17 500,413	239 112,087	13,663	13,199
48	67	87 167	16 719,245	221 611,674	13,255	12,791
49	68	86 082	15 952,709	204 892,430	12,844	12,380
50	69	84 934	15 207,794	188 939,721	12,424	11,960
51	70	83 690	14 478,251	173 731,927	12,000	11,535
52	71	82 351	13 764,865	159 253,676	11,570	11,106
53	72	80 889	13 063,237	145 488,811	11,137	10,673
54	73	79 326	12 377,590	132 425,574	10,699	10,235
55	74	77 662	11 708,236	120 047,983	10,253	9,789
56	75	75 864	11 050,409	108 339,747	9,804	9,340
57	76	73 910	10 401,609	97 289,338	9,353	8,889
58	77	71 751	9 756,389	86 887,729	8,906	8,442
59	78	69 406	9 118,349	77 131,340	8,459	7,995
60	79	66 832	8 483,230	68 012,991	8,017	7,553
61	80	63 982	7 846,916	59 529,761	7,586	7,122
62	81	60 849	7 210,261	51 682,845	7,168	6,704
63	82	57 462	6 578,719	44 472,584	6,760	6,296
64	83	53 856	5 957,385	37 893,865	6,361	5,897
65	84	50 004	5 344,208	31 936,480	5,976	5,512
66	85	45 926	4 742,379	26 592,272	5,607	5,143
67	86	41 687	4 159,067	21 849,893	5,254	4,790
68	87	37 299	3 595,422	17 690,826	4,920	4,456
69	88	32 897	3 063,923	14 095,404	4,600	4,136
70	89	28 519	2 566,322	11 031,481	4,299	3,835
71	90	24 230	2 106,642	8 465,159	4,018	3,554
72	91	20 142	1 691,991	6 358,517	3,758	3,294
73	92	16 333	1 325,624	4 666,527	3,520	3,056
74	93	12 894	1 011,128	3 340,902	3,304	2,840
75	94	9 881	748,675	2 329,774	3,112	2,648
76	95	7 300	534,416	1 581,099	2,959	2,495
77	96	5 276	373,161	1 046,684	2,805	2,341
78	97	3 695	252,515	673,523	2,667	2,203
79	98	2 548	168,225	421,008	2,503	2,039
80	99	1 679	107,099	252,783	2,360	1,896
81	100	1 058	65,217	145,684	2,234	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 545 228,063	25,584	25,120
1	21	99 114	95 762,602	2 445 742,579	25,540	25,076
2	22	99 071	92 483,736	2 349 979,976	25,410	24,946
3	23	99 038	89 326,869	2 257 496,241	25,272	24,808
4	24	99 004	86 276,318	2 168 169,371	25,131	24,667
5	25	98 976	83 334,959	2 081 893,054	24,982	24,518
6	26	98 948	80 494,270	1 998 558,094	24,829	24,365
7	27	98 918	77 749,045	1 918 063,825	24,670	24,206
8	28	98 889	75 097,118	1 840 314,780	24,506	24,042
9	29	98 856	72 533,598	1 765 217,661	24,337	23,873
10	30	98 822	70 057,001	1 692 684,064	24,162	23,698
11	31	98 785	67 662,621	1 622 627,063	23,981	23,517
12	32	98 745	65 347,809	1 554 964,442	23,795	23,331
13	33	98 703	63 111,123	1 489 616,633	23,603	23,139
14	34	98 658	60 949,390	1 426 505,510	23,405	22,941
15	35	98 608	58 858,158	1 365 556,120	23,201	22,737
16	36	98 553	56 836,353	1 306 697,962	22,991	22,527
17	37	98 482	54 874,467	1 249 861,609	22,777	22,313
18	38	98 408	52 978,870	1 194 987,142	22,556	22,092
19	39	98 312	51 137,724	1 142 008,272	22,332	21,868
20	40	98 213	49 358,378	1 090 870,548	22,101	21,637
21	41	98 102	47 635,407	1 041 512,170	21,864	21,400
22	42	97 983	45 968,871	993 876,763	21,621	21,157
23	43	97 858	44 357,497	947 907,893	21,370	20,906
24	44	97 725	42 799,253	903 550,395	21,111	20,647
25	45	97 578	41 289,786	860 751,142	20,847	20,383
26	46	97 422	39 829,980	819 461,356	20,574	20,110
27	47	97 253	38 415,998	779 631,376	20,294	19,830
28	48	97 062	37 044,140	741 215,378	20,009	19,545
29	49	96 857	35 715,782	704 171,238	19,716	19,252
30	50	96 626	34 425,769	668 455,456	19,417	18,953
31	51	96 380	33 176,940	634 029,687	19,111	18,647
32	52	96 101	31 962,196	600 852,747	18,799	18,335
33	53	95 798	30 783,946	568 890,551	18,480	18,016
34	54	95 468	29 640,589	538 106,605	18,154	17,690
35	55	95 104	28 529,068	508 466,015	17,823	17,359
36	56	94 705	27 448,596	479 936,948	17,485	17,021
37	57	94 279	26 400,963	452 488,351	17,139	16,675
38	58	93 814	25 382,536	426 087,388	16,787	16,323
39	59	93 302	24 390,399	400 704,853	16,429	15,965
40	60	92 750	23 426,186	376 314,453	16,064	15,600
41	61	92 134	22 483,685	352 888,267	15,695	15,231
42	62	91 498	21 573,211	330 404,582	15,316	14,851
43	63	90 806	20 686,153	308 831,371	14,929	14,465
44	64	90 060	19 822,506	288 145,218	14,536	14,072
45	65	89 244	18 978,473	268 322,712	14,138	13,674
46	66	88 348	18 152,587	249 344,239	13,736	13,272
47	67	87 384	17 347,540	231 191,652	13,327	12,863
48	68	86 322	16 557,162	213 844,113	12,916	12,451
49	69	85 203	15 789,755	197 286,951	12,495	12,031
50	70	83 986	15 037,889	181 497,196	12,069	11,605
51	71	82 670	14 301,855	166 459,307	11,639	11,175
52	72	81 249	13 580,549	152 157,452	11,204	10,740
53	73	79 723	12 875,005	138 576,903	10,763	10,299
54	74	78 098	12 185,951	125 701,898	10,315	9,851
55	75	76 334	11 507,927	113 515,947	9,864	9,400
56	76	74 418	10 839,705	102 008,020	9,411	8,947
57	77	72 296	10 174,582	91 168,315	8,960	8,496
58	78	69 997	9 517,827	80 993,733	8,510	8,046
59	79	67 456	8 862,121	71 475,906	8,065	7,601
60	80	64 631	8 203,934	62 613,785	7,632	7,168
61	81	61 525	7 545,532	54 409,850	7,211	6,747
62	82	58 168	6 892,558	46 864,319	6,799	6,335
63	83	54 570	6 247,536	39 971,760	6,398	5,934
64	84	50 728	5 611,369	33 724,224	6,010	5,546
65	85	46 643	4 984,966	28 112,856	5,640	5,176
66	86	42 380	4 376,166	23 127,890	5,285	4,821
67	87	37 981	3 789,294	18 751,724	4,949	4,485
68	88	33 524	3 231,601	14 962,430	4,630	4,166
69	89	29 120	2 712,107	11 730,829	4,325	3,861
70	90	24 785	2 230,344	9 018,721	4,044	3,580
71	91	20 646	1 794,992	6 788,377	3,782	3,318
72	92	16 772	1 408,861	4 993,385	3,544	3,080
73	93	13 270	1 076,992	3 584,524	3,328	2,864
74	94	10 197	799,602	2 507,531	3,136	2,672
75	95	7 558	572,607	1 707,930	2,983	2,519
76	96	5 482	401,328	1 135,323	2,829	2,365
77	97	3 854	272,599	733,994	2,693	2,229
78	98	2 671	182,554	461,395	2,527	2,063
79	99	1 771	116,962	278,841	2,384	1,920
80	100	1 124	71,700	161,879	2,258	1,794

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 534 281,714	25,479	25,015
1	22	99 098	95 746,748	2 434 814,651	25,430	24,966
2	23	99 054	92 467,732	2 339 067,903	25,296	24,832
3	24	99 017	89 307,487	2 246 600,171	25,156	24,692
4	25	98 987	86 261,688	2 157 292,684	25,009	24,545
5	26	98 957	83 319,421	2 071 030,996	24,857	24,392
6	27	98 929	80 478,608	1 987 711,576	24,699	24,235
7	28	98 897	77 732,062	1 907 232,968	24,536	24,072
8	29	98 864	75 078,390	1 829 500,906	24,368	23,904
9	30	98 830	72 514,827	1 754 422,516	24,194	23,730
10	31	98 793	70 036,199	1 681 907,689	24,015	23,551
11	32	98 754	67 641,023	1 611 871,490	23,830	23,366
12	33	98 711	65 325,131	1 544 230,467	23,639	23,175
13	34	98 668	63 088,652	1 478 905,336	23,442	22,978
14	35	98 620	60 925,552	1 415 816,684	23,238	22,774
15	36	98 568	58 834,468	1 354 891,133	23,029	22,565
16	37	98 507	56 809,706	1 296 056,664	22,814	22,350
17	38	98 437	54 849,213	1 239 246,958	22,594	22,130
18	39	98 350	52 947,842	1 184 397,746	22,369	21,905
19	40	98 254	51 107,261	1 131 449,904	22,139	21,675
20	41	98 146	49 324,879	1 080 342,642	21,903	21,439
21	42	98 027	47 599,067	1 031 017,764	21,660	21,196
22	43	97 902	45 930,725	983 418,696	21,411	20,947
23	44	97 770	44 317,578	937 487,971	21,154	20,690
24	45	97 625	42 755,596	893 170,393	20,890	20,426
25	46	97 469	41 243,873	850 414,796	20,619	20,155
26	47	97 299	39 779,407	809 170,923	20,341	19,877
27	48	97 113	38 360,928	769 391,516	20,057	19,593
28	49	96 907	36 984,885	731 030,589	19,766	19,302
29	50	96 681	35 651,085	694 045,704	19,468	19,004
30	51	96 436	34 357,927	658 394,619	19,163	18,699
31	52	96 167	33 103,660	624 036,692	18,851	18,387
32	53	95 865	31 883,719	590 933,032	18,534	18,070
33	54	95 536	30 699,809	559 049,313	18,210	17,746
34	55	95 181	29 551,382	528 349,504	17,879	17,415
35	56	94 789	28 434,540	498 798,122	17,542	17,078
36	57	94 362	27 349,263	470 363,582	17,198	16,734
37	58	93 902	26 295,563	443 014,319	16,847	16,383
38	59	93 400	25 270,585	416 718,756	16,490	16,026
39	60	92 852	24 272,594	391 448,172	16,127	15,663
40	61	92 250	23 299,895	367 175,578	15,759	15,295
41	62	91 619	22 357,886	343 875,683	15,381	14,916
42	63	90 942	21 442,118	321 517,796	14,995	14,531
43	64	90 208	20 549,947	300 075,678	14,602	14,138
44	65	89 404	19 678,052	279 525,731	14,205	13,741
45	66	88 529	18 826,414	259 847,679	13,802	13,338
46	67	87 576	17 994,017	241 021,265	13,395	12,930
47	68	86 537	17 179,366	223 027,248	12,982	12,518
48	69	85 440	16 388,034	205 847,882	12,561	12,097
49	70	84 251	15 613,349	189 459,849	12,134	11,670
50	71	82 962	14 854,675	173 846,500	11,703	11,239
51	72	81 563	14 110,348	158 991,825	11,268	10,804
52	73	80 078	13 384,862	144 881,477	10,824	10,360
53	74	78 489	12 675,664	131 496,615	10,374	9,910
54	75	76 762	11 977,469	118 820,951	9,920	9,456
55	76	74 878	11 288,499	106 843,482	9,465	9,001
56	77	72 794	10 603,116	95 554,982	9,012	8,548
57	78	70 529	9 925,795	84 951,866	8,559	8,095
58	79	68 030	9 250,373	75 026,071	8,111	7,647
59	80	65 235	8 570,351	65 775,698	7,675	7,211
60	81	62 149	7 888,838	57 205,346	7,251	6,787
61	82	58 814	7 213,056	49 316,509	6,837	6,373
62	83	55 239	6 545,576	42 103,452	6,432	5,968
63	84	51 400	5 884,667	35 557,876	6,042	5,578
64	85	47 318	5 234,167	29 673,209	5,669	5,205
65	86	43 041	4 600,020	24 439,042	5,313	4,849
66	87	38 612	3 987,091	19 839,022	4,976	4,512
67	88	34 137	3 405,855	15 851,930	4,654	4,190
68	89	29 675	2 860,532	12 446,075	4,351	3,887
69	90	25 308	2 357,043	9 585,543	4,067	3,603
70	91	21 119	1 900,394	7 228,499	3,804	3,340
71	92	17 191	1 494,627	5 328,106	3,565	3,101
72	93	13 626	1 144,617	3 833,479	3,349	2,885
73	94	10 494	851,687	2 688,861	3,157	2,693
74	95	7 799	611,557	1 837,174	3,004	2,540
75	96	5 675	430,009	1 225,616	2,850	2,386
76	97	4 005	293,176	795,607	2,714	2,250
77	98	2 786	197,074	502,431	2,549	2,085
78	99	1 857	126,925	305,357	2,406	1,942
79	100	1 186	78,303	178,433	2,279	1,815

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 522 847,561	25,368	24,904
1	23	99 081	95 730,180	2 423 396,966	25,315	24,851
2	24	99 032	92 447,668	2 327 666,786	25,178	24,714
3	25	99 000	89 292,343	2 235 219,119	25,033	24,569
4	26	98 969	86 245,603	2 145 926,776	24,882	24,418
5	27	98 938	83 303,209	2 059 681,172	24,725	24,261
6	28	98 907	80 461,029	1 976 377,963	24,563	24,099
7	29	98 872	77 712,676	1 895 916,935	24,396	23,932
8	30	98 838	75 058,961	1 818 204,258	24,224	23,760
9	31	98 801	72 493,295	1 743 145,297	24,046	23,582
10	32	98 761	70 013,844	1 670 652,002	23,862	23,398
11	33	98 720	67 617,549	1 600 638,159	23,672	23,208
12	34	98 676	65 301,872	1 533 020,610	23,476	23,012
13	35	98 629	63 063,977	1 467 718,738	23,273	22,809
14	36	98 580	60 901,030	1 404 654,761	23,065	22,601
15	37	98 522	58 806,884	1 343 753,731	22,850	22,386
16	38	98 462	56 783,561	1 284 946,847	22,629	22,165
17	39	98 379	54 817,090	1 228 163,286	22,405	21,941
18	40	98 291	52 916,301	1 173 346,197	22,174	21,710
19	41	98 187	51 072,575	1 120 429,896	21,938	21,474
20	42	98 071	49 287,251	1 069 357,321	21,696	21,232
21	43	97 946	47 559,569	1 020 070,070	21,448	20,984
22	44	97 814	45 889,391	972 510,501	21,192	20,728
23	45	97 670	44 272,373	926 621,111	20,930	20,466
24	46	97 517	42 708,054	882 348,738	20,660	20,196
25	47	97 346	41 191,505	839 640,684	20,384	19,920
26	48	97 159	39 722,381	798 449,179	20,101	19,637
27	49	96 958	38 299,566	758 726,798	19,810	19,346
28	50	96 731	36 917,889	720 427,231	19,514	19,050
29	51	96 491	35 580,828	683 509,343	19,210	18,746
30	52	96 223	34 282,038	647 928,515	18,900	18,436
31	53	95 931	33 022,380	613 646,476	18,583	18,119
32	54	95 603	31 796,577	580 624,096	18,261	17,797
33	55	95 249	30 607,414	548 827,520	17,931	17,467
34	56	94 866	29 453,467	518 220,106	17,595	17,131
35	57	94 446	28 331,638	488 766,639	17,252	16,788
36	58	93 986	27 240,077	460 435,001	16,903	16,439
37	59	93 488	26 179,585	433 194,923	16,547	16,083
38	60	92 949	25 148,528	407 015,339	16,184	15,720
39	61	92 351	24 141,739	381 866,811	15,818	15,354
40	62	91 734	23 169,530	357 725,072	15,439	14,975
41	63	91 062	22 222,026	334 555,542	15,055	14,591
42	64	90 343	21 300,934	312 333,516	14,663	14,199
43	65	89 551	20 400,193	291 032,582	14,266	13,802
44	66	88 688	19 520,389	270 632,389	13,864	13,400
45	67	87 755	18 661,957	251 112,000	13,456	12,992
46	68	86 727	17 819,575	232 450,043	13,045	12,581
47	69	85 653	17 003,882	214 630,468	12,622	12,158
48	70	84 486	16 204,943	197 626,586	12,195	11,731
49	71	83 224	15 423,123	181 421,642	11,763	11,299
50	72	81 851	14 655,765	165 998,519	11,326	10,862
51	73	80 388	13 907,027	151 342,754	10,882	10,418
52	74	78 838	13 177,628	137 435,726	10,429	9,965
53	75	77 146	12 458,804	124 258,099	9,974	9,509
54	76	75 298	11 749,088	111 799,295	9,516	9,052
55	77	73 244	11 042,116	100 050,207	9,061	8,597
56	78	71 014	10 343,850	89 008,091	8,605	8,141
57	79	68 547	9 646,878	78 664,241	8,154	7,690
58	80	65 790	8 945,821	69 017,363	7,715	7,251
59	81	62 729	8 241,181	60 071,542	7,289	6,825
60	82	59 411	7 541,235	51 830,361	6,873	6,409
61	83	55 853	6 849,940	44 289,126	6,466	6,002
62	84	52 031	6 165,397	37 439,186	6,072	5,608
63	85	47 945	5 489,094	31 273,789	5,697	5,233
64	86	43 664	4 829,978	25 784,695	5,338	4,874
65	87	39 214	4 191,043	20 954,717	5,000	4,536
66	88	34 705	3 583,637	16 763,674	4,678	4,214
67	89	30 218	3 014,778	13 180,037	4,372	3,908
68	90	25 790	2 486,037	10 165,259	4,089	3,625
69	91	21 564	2 008,350	7 679,222	3,824	3,360
70	92	17 585	1 582,391	5 670,873	3,584	3,120
71	93	13 967	1 214,297	4 088,481	3,367	2,903
72	94	10 775	905,165	2 874,184	3,175	2,711
73	95	8 026	651,394	1 969,019	3,023	2,559
74	96	5 857	459,259	1 317,625	2,869	2,405
75	97	4 146	314,128	858,366	2,733	2,269
76	98	2 895	211,950	544,238	2,568	2,104
77	99	1 937	137,020	332,288	2,425	1,961
78	100	1 243	84,973	195,268	2,298	1,834

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 510 910,545	25,252	24,788
1	24	99 059	95 709,408	2 411 477,159	25,196	24,732
2	25	99 015	92 431,991	2 315 767,752	25,054	24,590
3	26	98 982	89 275,693	2 223 335,760	24,904	24,440
4	27	98 950	86 228,822	2 134 060,067	24,749	24,285
5	28	98 916	83 285,013	2 047 831,245	24,588	24,124
6	29	98 882	80 440,962	1 964 546,231	24,422	23,958
7	30	98 847	77 692,566	1 884 105,269	24,251	23,787
8	31	98 809	75 036,673	1 806 412,703	24,074	23,610
9	32	98 769	72 470,156	1 731 376,030	23,891	23,427
10	33	98 727	69 989,545	1 658 905,874	23,702	23,238
11	34	98 684	67 593,474	1 588 916,329	23,507	23,043
12	35	98 637	65 276,331	1 521 322,855	23,306	22,842
13	36	98 590	63 038,595	1 456 046,524	23,098	22,634
14	37	98 534	60 872,477	1 393 007,929	22,884	22,420
15	38	98 477	58 779,820	1 332 135,452	22,663	22,199
16	39	98 404	56 750,305	1 273 355,633	22,438	21,974
17	40	98 320	54 784,435	1 216 605,328	22,207	21,743
18	41	98 225	52 880,387	1 161 820,893	21,971	21,507
19	42	98 112	51 033,614	1 108 940,506	21,730	21,266
20	43	97 990	49 246,351	1 057 906,892	21,482	21,018
21	44	97 858	47 516,769	1 008 660,541	21,227	20,763
22	45	97 714	45 842,582	961 143,772	20,966	20,502
23	46	97 561	44 223,144	915 301,191	20,697	20,233
24	47	97 393	42 653,826	871 078,047	20,422	19,958
25	48	97 206	41 132,455	828 424,220	20,140	19,676
26	49	97 004	39 658,842	787 291,765	19,852	19,388
27	50	96 782	38 230,189	747 632,923	19,556	19,092
28	51	96 541	36 845,136	709 402,734	19,254	18,790
29	52	96 278	35 502,238	672 557,599	18,944	18,480
30	53	95 986	34 197,865	637 055,361	18,629	18,164
31	54	95 669	32 932,125	602 857,495	18,306	17,842
32	55	95 315	31 700,881	569 925,370	17,978	17,514
33	56	94 933	30 505,999	538 224,489	17,643	17,179
34	57	94 522	29 346,878	507 718,490	17,301	16,837
35	58	94 069	28 218,531	478 371,612	16,952	16,488
36	59	93 571	27 119,933	450 153,081	16,599	16,135
37	60	93 036	26 053,137	423 033,148	16,237	15,773
38	61	92 448	25 012,951	396 980,011	15,871	15,407
39	62	91 834	24 006,664	371 967,059	15,494	15,030
40	63	91 177	23 028,737	347 960,395	15,110	14,646
41	64	90 463	22 075,707	324 931,658	14,719	14,255
42	65	89 684	21 145,707	302 855,952	14,322	13,858
43	66	88 833	20 236,743	281 710,245	13,921	13,457
44	67	87 913	19 349,870	261 473,502	13,513	13,049
45	68	86 904	18 481,041	242 123,632	13,101	12,637
46	69	85 841	17 637,552	223 642,591	12,680	12,216
47	70	84 696	16 813,911	206 005,039	12,252	11,788
48	71	83 457	16 007,510	189 191,128	11,819	11,355
49	72	82 110	15 216,602	173 183,618	11,381	10,917
50	73	80 672	14 444,586	157 967,016	10,936	10,472
51	74	79 144	13 691,708	143 522,430	10,482	10,018
52	75	77 489	12 952,180	129 830,722	10,024	9,560
53	76	75 675	12 221,245	116 878,542	9,564	9,100
54	77	73 654	11 492,652	104 657,297	9,106	8,642
55	78	71 453	10 772,115	93 164,645	8,649	8,185
56	79	69 018	10 053,186	82 392,530	8,196	7,732
57	80	66 290	9 329,271	72 339,345	7,754	7,290
58	81	63 263	8 602,230	63 010,074	7,325	6,861
59	82	59 965	7 878,054	54 407,844	6,906	6,442
60	83	56 420	7 161,598	46 529,790	6,497	6,033
61	84	52 609	6 452,082	39 368,193	6,102	5,638
62	85	48 533	5 750,953	32 916,110	5,724	5,260
63	86	44 243	5 065,219	27 165,158	5,363	4,899
64	87	39 782	4 400,556	22 099,938	5,022	4,558
65	88	35 246	3 766,951	17 699,383	4,699	4,235
66	89	30 720	3 172,146	13 932,431	4,392	3,928
67	90	26 261	2 620,089	10 760,285	4,107	3,643
68	91	21 975	2 118,260	8 140,197	3,843	3,379
69	92	17 955	1 672,282	6 021,937	3,601	3,137
70	93	14 287	1 285,601	4 349,654	3,383	2,919
71	94	11 045	960,268	3 064,053	3,191	2,727
72	95	8 241	692,295	2 103,785	3,039	2,575
73	96	6 027	489,175	1 411,490	2,885	2,421
74	97	4 278	335,495	922,315	2,749	2,285
75	98	2 997	227,097	586,819	2,584	2,120
76	99	2 013	147,362	359,723	2,441	1,977
77	100	1 297	91,731	212,360	2,315	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 498 457,867	25,132	24,668
1	25	99 042	95 693,178	2 399 046,057	25,070	24,606
2	26	98 997	92 414,756	2 303 352,878	24,924	24,460
3	27	98 962	89 258,323	2 210 938,122	24,770	24,306
4	28	98 928	86 209,987	2 121 679,799	24,611	24,147
5	29	98 892	83 264,242	2 035 469,812	24,446	23,982
6	30	98 857	80 420,146	1 952 205,569	24,275	23,811
7	31	98 817	77 669,496	1 871 785,424	24,099	23,635
8	32	98 777	75 012,722	1 794 115,927	23,917	23,453
9	33	98 735	72 445,005	1 719 103,205	23,730	23,266
10	34	98 692	69 964,626	1 646 658,200	23,536	23,072
11	35	98 646	67 567,037	1 576 693,574	23,335	22,871
12	36	98 597	65 250,059	1 509 126,538	23,128	22,664
13	37	98 543	63 009,039	1 443 876,479	22,915	22,451
14	38	98 489	60 844,462	1 380 867,440	22,695	22,231
15	39	98 419	58 745,395	1 320 022,977	22,470	22,006
16	40	98 346	56 716,498	1 261 277,583	22,238	21,774
17	41	98 254	54 747,253	1 204 561,084	22,002	21,538
18	42	98 150	52 840,046	1 149 813,832	21,760	21,296
19	43	98 031	50 991,266	1 096 973,785	21,513	21,049
20	44	97 902	49 202,033	1 045 982,520	21,259	20,795
21	45	97 758	47 468,300	996 780,487	20,999	20,535
22	46	97 605	45 791,607	949 312,187	20,731	20,267
23	47	97 437	44 166,992	903 520,580	20,457	19,993
24	48	97 253	42 592,680	859 353,588	20,176	19,712
25	49	97 051	41 066,660	816 760,907	19,889	19,425
26	50	96 828	39 587,002	775 694,247	19,595	19,131
27	51	96 592	38 154,850	736 107,245	19,293	18,829
28	52	96 327	36 763,753	697 952,395	18,985	18,521
29	53	96 041	35 415,069	661 188,642	18,670	18,206
30	54	95 724	34 104,398	625 773,573	18,349	17,885
31	55	95 381	32 833,012	591 669,175	18,021	17,557
32	56	94 999	31 595,843	558 836,163	17,687	17,223
33	57	94 589	30 395,602	527 240,320	17,346	16,882
34	58	94 145	29 229,717	496 844,718	16,998	16,534
35	59	93 654	28 094,071	467 615,001	16,645	16,181
36	60	93 119	26 988,944	439 520,930	16,285	15,821
37	61	92 535	25 912,684	412 531,986	15,920	15,456
38	62	91 931	24 873,001	386 619,302	15,544	15,080
39	63	91 276	23 860,784	361 746,301	15,161	14,697
40	64	90 576	22 877,106	337 885,516	14,770	14,306
41	65	89 803	21 914,833	315 008,410	14,374	13,910
42	66	88 966	20 976,284	293 093,577	13,973	13,509
43	67	88 057	20 059,966	272 117,293	13,565	13,101
44	68	87 061	19 162,284	252 057,326	13,154	12,690
45	69	86 017	18 292,261	232 895,042	12,732	12,268
46	70	84 882	17 440,502	214 602,781	12,305	11,841
47	71	83 665	16 609,059	197 162,279	11,871	11,407
48	72	82 339	15 793,164	180 553,220	11,432	10,968
49	73	80 927	14 997,341	164 760,057	10,986	10,522
50	74	79 423	14 220,944	149 762,716	10,531	10,067
51	75	77 790	13 457,465	135 541,772	10,072	9,608
52	76	76 012	12 705,213	122 084,307	9,609	9,145
53	77	74 024	11 954,503	109 379,094	9,150	8,686
54	78	71 853	11 211,635	97 424,590	8,690	8,226
55	79	69 445	10 469,416	86 212,956	8,235	7,771
56	80	66 746	9 722,202	75 743,539	7,791	7,327
57	81	63 744	8 970,952	66 021,338	7,359	6,895
58	82	60 476	8 223,193	57 050,386	6,938	6,474
59	83	56 946	7 481,460	48 827,192	6,526	6,062
60	84	53 143	6 745,638	41 345,732	6,129	5,665
61	85	49 073	6 018,367	34 600,093	5,749	5,285
62	86	44 786	5 306,857	28 581,726	5,386	4,922
63	87	40 309	4 614,882	23 274,869	5,043	4,579
64	88	35 757	3 955,263	18 659,987	4,718	4,254
65	89	31 199	3 334,411	14 704,724	4,410	3,946
66	90	26 698	2 756,855	11 370,313	4,124	3,660
67	91	22 376	2 232,481	8 613,458	3,858	3,394
68	92	18 298	1 763,801	6 380,977	3,618	3,154
69	93	14 588	1 358,632	4 617,176	3,398	2,934
70	94	11 298	1 016,655	3 258,545	3,205	2,741
71	95	8 447	734,439	2 241,889	3,053	2,588
72	96	6 189	519,891	1 507,450	2,900	2,436
73	97	4 403	357,349	987,559	2,764	2,300
74	98	3 093	242,545	630,210	2,598	2,134
75	99	2 084	157,894	387,665	2,455	1,991
76	100	1 348	98,655	229,772	2,329	1,865

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 485 480,075	25,006	24,542
1	26	99 024	95 675,335	2 386 085,122	24,939	24,475
2	27	98 978	92 396,775	2 290 409,787	24,789	24,325
3	28	98 941	89 238,826	2 198 013,012	24,631	24,167
4	29	98 903	86 188,487	2 108 774,186	24,467	24,003
5	30	98 866	83 242,695	2 022 585,698	24,297	23,833
6	31	98 828	80 396,266	1 939 343,003	24,122	23,658
7	32	98 786	77 644,705	1 858 946,737	23,942	23,478
8	33	98 743	74 986,689	1 781 302,032	23,755	23,291
9	34	98 700	72 419,211	1 706 315,343	23,562	23,098
10	35	98 653	69 937,262	1 633 896,132	23,362	22,898
11	36	98 606	67 539,842	1 563 958,870	23,156	22,692
12	37	98 551	65 219,466	1 496 419,028	22,944	22,480
13	38	98 498	62 980,041	1 431 199,562	22,725	22,261
14	39	98 431	60 808,828	1 368 219,521	22,500	22,036
15	40	98 360	58 710,400	1 307 410,693	22,269	21,805
16	41	98 279	56 678,005	1 248 700,293	22,031	21,567
17	42	98 179	54 705,488	1 192 022,288	21,790	21,326
18	43	98 068	52 796,199	1 137 316,800	21,542	21,078
19	44	97 943	50 945,377	1 084 520,601	21,288	20,824
20	45	97 802	49 151,845	1 033 575,224	21,028	20,564
21	46	97 649	47 415,517	984 423,379	20,762	20,298
22	47	97 481	45 733,464	937 007,862	20,488	20,024
23	48	97 298	44 103,677	891 274,398	20,209	19,745
24	49	97 098	42 524,550	847 170,721	19,922	19,458
25	50	96 875	40 992,270	804 646,171	19,629	19,165
26	51	96 637	39 508,990	763 653,900	19,329	18,865
27	52	96 378	38 070,574	724 144,911	19,021	18,557
28	53	96 091	36 673,487	686 074,337	18,708	18,244
29	54	95 779	35 318,275	649 400,850	18,387	17,923
30	55	95 436	34 001,756	614 082,575	18,060	17,596
31	56	95 065	32 724,223	580 080,819	17,726	17,262
32	57	94 656	31 481,501	547 356,596	17,387	16,923
33	58	94 212	30 274,254	515 875,094	17,040	16,576
34	59	93 730	29 100,798	485 600,841	16,687	16,223
35	60	93 202	27 958,377	456 500,043	16,328	15,864
36	61	92 617	26 843,446	428 541,666	15,964	15,500
37	62	92 017	25 767,700	401 698,220	15,589	15,125
38	63	91 372	24 721,857	375 930,520	15,206	14,742
39	64	90 675	23 703,675	351 208,663	14,817	14,353
40	65	89 916	22 710,393	327 504,988	14,421	13,957
41	66	89 084	21 739,248	304 794,595	14,020	13,556
42	67	88 189	20 793,047	283 055,347	13,613	13,149
43	68	87 204	19 865,497	262 262,300	13,202	12,738
44	69	86 171	18 966,546	242 396,803	12,780	12,316
45	70	85 056	18 087,896	223 430,257	12,352	11,888
46	71	83 848	17 228,015	205 342,361	11,919	11,455
47	72	82 544	16 386,657	188 114,345	11,480	11,016
48	73	81 153	15 565,595	171 727,688	11,033	10,568
49	74	79 674	14 765,141	156 162,093	10,576	10,112
50	75	78 064	13 977,646	141 396,952	10,116	9,652
51	76	76 306	13 200,864	127 419,306	9,652	9,188
52	77	74 353	12 427,908	114 218,442	9,190	8,726
53	78	72 214	11 662,193	101 790,534	8,728	8,264
54	79	69 834	10 896,585	90 128,341	8,271	7,807
55	80	67 159	10 124,729	79 231,755	7,826	7,362
56	81	64 182	9 348,792	69 107,027	7,392	6,928
57	82	60 935	8 575,669	59 758,235	6,968	6,504
58	83	57 431	7 809,225	51 182,566	6,554	6,090
59	84	53 639	7 046,923	43 373,341	6,155	5,691
60	85	49 570	6 292,190	36 326,419	5,773	5,309
61	86	45 283	5 553,621	30 034,228	5,408	4,944
62	87	40 804	4 835,037	24 480,607	5,063	4,599
63	88	36 230	4 147,902	19 645,571	4,736	4,272
64	89	31 651	3 501,100	15 497,669	4,427	3,962
65	90	27 115	2 897,876	11 996,569	4,140	3,676
66	91	22 748	2 349,014	9 098,693	3,873	3,409
67	92	18 632	1 858,909	6 749,679	3,631	3,167
68	93	14 866	1 432,985	4 890,770	3,413	2,949
69	94	11 536	1 074,408	3 457,785	3,218	2,754
70	95	8 641	777,566	2 383,376	3,065	2,601
71	96	6 344	551,540	1 605,811	2,912	2,447
72	97	4 521	379,788	1 054,271	2,776	2,312
73	98	3 183	258,344	674,483	2,611	2,147
74	99	2 150	168,634	416,140	2,468	2,004
75	100	1 395	105,705	247,506	2,341	1,877

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	96 275,692	2 581 608,777	26,815	26,351
2	1	99 313	92 709,730	2 485 333,085	26,808	26,344
3	2	99 275	89 539,954	2 392 623,355	26,721	26,257
4	3	99 250	86 490,594	2 303 083,400	26,628	26,164
5	4	99 227	83 546,145	2 216 592,806	26,531	26,067
6	5	99 208	80 705,967	2 133 046,661	26,430	25,966
7	6	99 191	77 962,846	2 052 340,694	26,325	25,861
8	7	99 176	75 315,121	1 974 377,848	26,215	25,751
9	8	99 163	72 758,718	1 899 062,727	26,101	25,637
10	9	99 149	70 288,273	1 826 304,010	25,983	25,519
11	10	99 135	67 901,758	1 756 015,737	25,861	25,397
12	11	99 120	65 595,818	1 688 113,978	25,735	25,271
13	12	99 105	63 367,915	1 622 518,161	25,605	25,141
14	13	99 087	61 214,340	1 559 150,246	25,470	25,006
15	14	99 067	59 132,078	1 497 935,905	25,332	24,868
16	15	99 042	57 117,861	1 438 803,827	25,190	24,726
17	16	99 004	55 165,223	1 381 685,966	25,046	24,582
18	17	98 961	53 276,586	1 326 520,744	24,899	24,435
19	18	98 908	51 447,695	1 273 244,158	24,748	24,284
20	19	98 847	49 677,044	1 221 796,463	24,595	24,131
21	20	98 783	47 966,249	1 172 119,419	24,436	23,972
22	21	98 721	46 314,899	1 124 153,170	24,272	23,808
23	22	98 660	44 721,107	1 077 838,271	24,101	23,637
24	23	98 598	43 181,484	1 033 117,164	23,925	23,461
25	24	98 528	41 692,024	989 935,680	23,744	23,280
26	25	98 464	40 255,940	948 243,657	23,555	23,091
27	26	98 399	38 868,950	907 987,717	23,360	22,896
28	27	98 328	37 527,420	869 118,767	23,160	22,696
29	28	98 256	36 231,785	831 591,347	22,952	22,488
30	29	98 175	34 977,785	795 359,562	22,739	22,275
31	30	98 093	33 766,752	760 381,777	22,519	22,055
32	31	97 997	32 592,743	726 615,025	22,294	21,830
33	32	97 897	31 458,468	694 022,282	22,062	21,598
34	33	97 793	30 362,532	662 563,814	21,822	21,358
35	34	97 680	29 301,720	632 201,282	21,576	21,112
36	35	97 555	28 274,645	602 899,562	21,323	20,859
37	36	97 429	27 283,273	574 624,917	21,061	20,597
38	37	97 292	26 323,603	547 341,644	20,793	20,329
39	38	97 145	25 395,048	521 018,041	20,517	20,052
40	39	96 983	24 495,145	495 622,993	20,234	19,769
41	40	96 803	23 622,984	471 127,848	19,944	19,480
42	41	96 609	22 778,438	447 504,864	19,646	19,182
43	42	96 392	21 958,596	424 726,426	19,342	18,878
44	43	96 154	21 163,714	402 767,830	19,031	18,567
45	44	95 895	20 392,948	381 604,116	18,713	18,249
46	45	95 601	19 642,995	361 211,168	18,389	17,925
47	46	95 286	18 916,218	341 568,172	18,057	17,593
48	47	94 929	18 207,960	322 651,955	17,720	17,256
49	48	94 529	17 518,092	304 443,995	17,379	16,915
50	49	94 081	16 845,441	286 925,903	17,033	16,569
51	50	93 580	16 189,155	270 080,463	16,683	16,219
52	51	93 035	15 550,598	253 891,308	16,327	15,863
53	52	92 418	14 925,203	238 340,710	15,969	15,505
54	53	91 732	14 313,351	223 415,507	15,609	15,145
55	54	90 971	13 714,651	209 102,155	15,247	14,783
56	55	90 140	13 129,765	195 387,504	14,881	14,417
57	56	89 227	12 557,369	182 257,739	14,514	14,050
58	57	88 234	11 997,662	169 700,370	14,144	13,680
59	58	87 140	11 448,215	157 702,708	13,775	13,311
60	59	85 953	10 910,423	146 254,493	13,405	12,941
61	60	84 679	10 385,220	135 344,069	13,032	12,568
62	61	83 297	9 870,274	124 958,849	12,660	12,196
63	62	81 827	9 368,140	115 088,575	12,285	11,821
64	63	80 267	8 878,777	105 720,435	11,907	11,443
65	64	78 600	8 400,376	96 841,658	11,528	11,064
66	65	76 828	7 933,345	88 441,282	11,148	10,684
67	66	74 967	7 479,367	80 507,938	10,764	10,300
68	67	72 978	7 034,706	73 028,571	10,381	9,917
69	68	70 918	6 605,037	65 993,865	9,991	9,527
70	69	68 746	6 186,150	59 388,829	9,600	9,136
71	70	66 455	5 777,767	53 202,679	9,208	8,744
72	71	64 044	5 379,869	47 424,912	8,815	8,351
73	72	61 534	4 994,239	42 045,043	8,419	7,955
74	73	58 931	4 621,250	37 050,803	8,017	7,553
75	74	56 225	4 259,929	32 429,554	7,613	7,149
76	75	53 382	3 907,781	28 169,625	7,209	6,745
77	76	50 393	3 564,229	24 261,843	6,807	6,343
78	77	47 260	3 229,568	20 697,614	6,409	5,945
79	78	43 972	2 903,293	17 468,046	6,017	5,553
80	79	40 502	2 583,766	14 564,753	5,637	5,173
81	80	36 874	2 272,766	11 980,987	5,272	4,808
82	81	33 099	1 971,079	9 708,221	4,925	4,461
83	82	29 275	1 684,388	7 737,142	4,593	4,129
84	83	25 443	1 414,439	6 052,754	4,279	3,815
85	84	21 681	1 164,530	4 638,315	3,983	3,519
86	85	18 049	936,678	3 473,786	3,709	3,245
87	86	14 656	734,886	2 537,108	3,452	2,988
88	87	11 578	560,875	1 802,222	3,213	2,749
89	88	8 871	415,213	1 241,347	2,990	2,526
90	89	6 577	297,422	826,134	2,778	2,314
91	90	4 689	204,901	528,711	2,580	2,116
92	91	3 187	134,542	323,810	2,407	1,943
93	92	2 059	83,969	189,269	2,254	1,790
94	93	1 265	49,841	105,299	2,113	1,649
95	94	727	27,666	55,458	2,005	1,541
96	95	397	14,599	27,792	1,904	1,440
97	96	205	7,281	13,193	1,812	1,348
98	97	99	3,402	5,912	1,738	1,274
99	98	46	1,517	2,510	1,655	1,191
100	99	20	0,627	0,993	1,584	1,120

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	92 994,653	2 488 534,721	26,760	26,296
3	1	99 297	89 560,648	2 395 540,068	26,748	26,284
4	2	99 262	86 500,895	2 305 979,420	26,658	26,194
5	3	99 238	83 556,100	2 219 478,525	26,563	26,099
6	4	99 217	80 713,306	2 135 922,426	26,463	25,999
7	5	99 198	77 968,693	2 055 209,119	26,359	25,895
8	6	99 182	75 320,079	1 977 240,426	26,251	25,787
9	7	99 168	72 762,305	1 901 920,348	26,139	25,675
10	8	99 155	70 292,625	1 829 158,043	26,022	25,558
11	9	99 141	67 906,152	1 758 865,418	25,901	25,437
12	10	99 126	65 599,705	1 690 959,266	25,777	25,313
13	11	99 112	63 372,635	1 625 359,561	25,648	25,184
14	12	99 095	61 219,184	1 561 986,926	25,515	25,051
15	13	99 075	59 137,147	1 500 767,742	25,378	24,914
16	14	99 052	57 123,855	1 441 630,595	25,237	24,773
17	15	99 016	55 172,125	1 384 506,739	25,094	24,630
18	16	98 975	53 284,104	1 329 334,614	24,948	24,484
19	17	98 923	51 455,229	1 276 050,510	24,799	24,335
20	18	98 867	49 687,162	1 224 595,281	24,646	24,182
21	19	98 802	47 975,509	1 174 908,119	24,490	24,026
22	20	98 739	46 323,477	1 126 932,610	24,327	23,863
23	21	98 676	44 728,512	1 080 609,133	24,159	23,695
24	22	98 615	43 188,957	1 035 880,621	23,985	23,521
25	23	98 550	41 701,072	992 691,663	23,805	23,341
26	24	98 481	40 262,767	950 990,591	23,620	23,156
27	25	98 418	38 876,199	910 727,824	23,426	22,962
28	26	98 347	37 534,723	871 851,626	23,228	22,764
29	27	98 278	36 239,701	834 316,902	23,022	22,558
30	28	98 200	34 986,511	798 077,201	22,811	22,347
31	29	98 119	33 775,492	763 090,691	22,593	22,129
32	30	98 026	32 602,424	729 315,199	22,370	21,906
33	31	97 928	31 468,513	696 712,775	22,140	21,676
34	32	97 827	30 373,073	665 244,262	21,902	21,438
35	33	97 715	29 312,157	634 871,189	21,659	21,195
36	34	97 593	28 285,708	605 559,033	21,409	20,945
37	35	97 468	27 294,258	577 273,325	21,150	20,686
38	36	97 338	26 335,951	549 979,067	20,883	20,419
39	37	97 190	25 406,741	523 643,116	20,610	20,146
40	38	97 039	24 509,500	498 236,375	20,328	19,864
41	39	96 861	23 637,065	473 726,876	20,042	19,578
42	40	96 675	22 793,908	450 089,811	19,746	19,282
43	41	96 465	21 975,360	427 295,903	19,444	18,980
44	42	96 234	21 181,290	405 320,542	19,136	18,672
45	43	95 981	20 411,317	384 139,252	18,820	18,356
46	44	95 699	19 663,053	363 727,935	18,498	18,034
47	45	95 392	18 937,275	344 064,883	18,169	17,705
48	46	95 050	18 231,108	325 127,608	17,834	17,370
49	47	94 664	17 543,241	306 896,499	17,494	17,030
50	48	94 231	16 872,429	289 353,259	17,149	16,685
51	49	93 750	16 218,534	272 480,829	16,801	16,337
52	50	93 218	15 581,303	256 262,295	16,447	15,983
53	51	92 623	14 958,243	240 680,992	16,090	15,626
54	52	91 958	14 348,581	225 722,749	15,731	15,267
55	53	91 221	13 752,238	211 374,168	15,370	14,906
56	54	90 412	13 169,400	197 621,930	15,006	14,542
57	55	89 524	12 599,115	184 452,530	14,640	14,176
58	56	88 555	12 041,238	171 853,415	14,272	13,808
59	57	87 489	11 494,103	159 812,177	13,904	13,440
60	58	86 334	10 958,758	148 318,074	13,534	13,070
61	59	85 090	10 435,625	137 359,316	13,163	12,699
62	60	83 749	9 923,774	126 923,692	12,790	12,326
63	61	82 287	9 420,850	116 999,918	12,419	11,955
64	62	80 757	8 933,060	107 579,068	12,043	11,579
65	63	79 121	8 456,054	98 646,008	11,666	11,202
66	64	77 392	7 991,582	90 189,954	11,286	10,822
67	65	75 572	7 539,776	82 198,372	10,902	10,438
68	66	73 621	7 096,699	74 658,596	10,520	10,056
69	67	71 613	6 669,695	67 561,897	10,130	9,666
70	68	69 455	6 249,992	60 892,202	9,743	9,279
71	69	67 205	5 843,047	54 642,210	9,352	8,888
72	70	64 834	5 446,223	48 799,163	8,960	8,496
73	71	62 369	5 062,021	43 352,940	8,564	8,100
74	72	59 793	4 688,812	38 290,918	8,166	7,702
75	73	57 109	4 326,922	33 602,106	7,766	7,302
76	74	54 311	3 975,801	29 275,184	7,363	6,899
77	75	51 373	3 633,511	25 299,383	6,963	6,499
78	76	48 314	3 301,630	21 665,872	6,562	6,098
79	77	45 074	2 976,063	18 364,242	6,171	5,707
80	78	41 673	2 658,469	15 388,179	5,788	5,324
81	79	38 130	2 350,140	12 729,709	5,417	4,953
82	80	34 421	2 049,808	10 379,569	5,064	4,600
83	81	30 624	1 762,028	8 329,761	4,727	4,263
84	82	26 792	1 489,419	6 567,733	4,410	3,946
85	83	23 018	1 236,339	5 078,315	4,108	3,644
86	84	19 350	1 004,180	3 841,976	3,826	3,362
87	85	15 883	796,383	2 837,797	3,563	3,099
88	86	12 707	615,608	2 041,413	3,316	2,852
89	87	9 869	461,959	1 425,805	3,086	2,622
90	88	7 430	336,004	963,847	2,869	2,405
91	89	5 396	235,767	627,843	2,663	2,199
92	90	3 740	157,901	392,076	2,483	2,019
93	91	2 472	100,844	234,174	2,322	1,858
94	92	1 557	61,347	133,331	2,173	1,709
95	93	919	34,985	71,983	2,058	1,594
96	94	519	19,088	36,998	1,938	1,474
97	95	273	9,696	17,911	1,847	1,383
98	96	136	4,657	8,215	1,764	1,300
99	97	63	2,098	3,558	1,696	1,232
100	98	28	0,902	1,460	1,618	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	89 835,892	2 398 503,281	26,699	26,235
4	1	99 285	86 520,886	2 308 667,388	26,683	26,219
5	2	99 250	83 566,051	2 222 146,502	26,591	26,127
6	3	99 229	80 722,923	2 138 580,451	26,493	26,029
7	4	99 207	77 975,783	2 057 857,528	26,391	25,927
8	5	99 190	75 325,728	1 979 881,745	26,284	25,820
9	6	99 174	72 767,095	1 904 556,017	26,173	25,709
10	7	99 160	70 296,090	1 831 788,922	26,058	25,594
11	8	99 147	67 910,357	1 761 492,832	25,939	25,474
12	9	99 132	65 603,950	1 693 582,475	25,815	25,351
13	10	99 118	63 376,391	1 627 978,526	25,687	25,223
14	11	99 103	61 223,744	1 564 602,135	25,555	25,091
15	12	99 083	59 141,826	1 503 378,391	25,420	24,956
16	13	99 060	57 128,752	1 444 236,565	25,280	24,816
17	14	99 026	55 177,915	1 387 107,812	25,139	24,675
18	15	98 987	53 290,771	1 331 929,897	24,994	24,530
19	16	98 937	51 462,491	1 278 639,126	24,846	24,382
20	17	98 881	49 694,438	1 227 176,636	24,694	24,230
21	18	98 822	47 985,281	1 177 482,197	24,538	24,074
22	19	98 758	46 332,420	1 129 496,916	24,378	23,914
23	20	98 694	44 736,796	1 083 164,496	24,212	23,748
24	21	98 631	43 196,109	1 038 427,700	24,040	23,576
25	22	98 567	41 708,290	995 231,591	23,862	23,398
26	23	98 502	40 271,505	953 523,302	23,677	23,213
27	24	98 434	38 882,792	913 251,796	23,487	23,023
28	25	98 366	37 541,723	874 369,004	23,291	22,827
29	26	98 297	36 246,753	836 827,281	23,087	22,623
30	27	98 221	34 994,155	800 580,528	22,878	22,414
31	28	98 143	33 783,917	765 586,373	22,661	22,197
32	29	98 051	32 610,863	731 802,456	22,440	21,976
33	30	97 957	31 477,860	699 191,593	22,212	21,748
34	31	97 859	30 382,771	667 713,733	21,977	21,513
35	32	97 749	29 322,333	637 330,962	21,735	21,271
36	33	97 628	28 295,782	608 008,630	21,488	21,024
37	34	97 507	27 304,938	579 712,847	21,231	20,767
38	35	97 377	26 346,555	552 407,910	20,967	20,503
39	36	97 236	25 418,658	526 061,355	20,696	20,232
40	37	97 084	24 520,785	500 642,697	20,417	19,953
41	38	96 918	23 650,916	476 121,912	20,131	19,667
42	39	96 732	22 807,495	452 470,996	19,839	19,375
43	40	96 531	21 990,285	429 663,501	19,539	19,075
44	41	96 307	21 197,461	407 673,216	19,232	18,768
45	42	96 061	20 428,269	386 475,755	18,919	18,455
46	43	95 785	19 680,764	366 047,486	18,599	18,135
47	44	95 490	18 956,612	346 366,723	18,272	17,808
48	45	95 155	18 251,403	327 410,111	17,939	17,475
49	46	94 785	17 565,544	309 158,708	17,600	17,136
50	47	94 367	16 896,651	291 593,164	17,257	16,793
51	48	93 900	16 244,518	274 696,513	16,910	16,446
52	49	93 388	15 609,579	258 451,994	16,557	16,093
53	50	92 806	14 987,779	242 842,415	16,203	15,739
54	51	92 161	14 380,344	227 854,636	15,845	15,381
55	52	91 445	13 786,087	213 474,292	15,485	15,021
56	53	90 660	13 205,493	199 688,205	15,122	14,658
57	54	89 794	12 637,148	186 482,712	14,757	14,293
58	55	88 849	12 081,268	173 845,564	14,390	13,926
59	56	87 807	11 535,850	161 764,296	14,023	13,559
60	57	86 680	11 002,683	150 228,446	13,654	13,190
61	58	85 467	10 481,855	139 225,763	13,283	12,819
62	59	84 155	9 971,938	128 743,908	12,911	12,447
63	60	82 733	9 471,914	118 771,970	12,539	12,075
64	61	81 212	8 983,322	109 300,056	12,167	11,703
65	62	79 604	8 507,752	100 316,734	11,791	11,327
66	63	77 905	8 044,551	91 808,981	11,413	10,949
67	64	76 127	7 595,125	83 764,430	11,029	10,565
68	65	74 215	7 154,018	76 169,306	10,647	10,183
69	66	72 244	6 728,471	69 015,288	10,257	9,793
70	67	70 135	6 311,175	62 286,817	9,869	9,405
71	68	67 899	5 903,348	55 975,641	9,482	9,018
72	69	65 566	5 507,757	50 072,293	9,091	8,627
73	70	63 138	5 124,455	44 564,536	8,696	8,232
74	71	60 604	4 752,449	39 440,081	8,299	7,835
75	72	57 944	4 390,181	34 687,632	7,901	7,437
76	73	55 166	4 038,325	30 297,450	7,502	7,038
77	74	52 267	3 696,757	26 259,125	7,103	6,639
78	75	49 253	3 365,808	22 562,368	6,703	6,239
79	76	46 080	3 042,468	19 196,560	6,310	5,846
80	77	42 718	2 725,103	16 154,092	5,928	5,464
81	78	39 232	2 418,089	13 428,989	5,554	5,090
82	79	35 593	2 119,592	11 010,899	5,195	4,731
83	80	31 847	1 832,407	8 891,307	4,852	4,388
84	81	28 027	1 558,071	7 058,901	4,531	4,067
85	82	24 238	1 301,877	5 500,830	4,225	3,761
86	83	20 543	1 066,101	4 198,952	3,939	3,475
87	84	17 028	853,775	3 132,852	3,669	3,205
88	85	13 771	667,124	2 279,076	3,416	2,952
89	86	10 833	507,038	1 611,953	3,179	2,715
90	87	8 266	373,832	1 104,914	2,956	2,492
91	88	6 096	266,351	731,082	2,745	2,281
92	89	4 304	181,688	464,732	2,558	2,094
93	90	2 902	118,353	283,044	2,392	1,928
94	91	1 869	73,676	164,692	2,235	1,771
95	92	1 131	43,062	91,016	2,114	1,650
96	93	656	24,137	47,954	1,987	1,523
97	94	357	12,677	23,817	1,879	1,415
98	95	181	6,201	11,140	1,796	1,332
99	96	87	2,873	4,939	1,719	1,255
100	97	39	1,247	2,066	1,656	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	86 786,789	2 311 407,325	26,633	26,169
5	1	99 273	83 585,364	2 224 620,537	26,615	26,151
6	2	99 241	80 732,537	2 141 035,173	26,520	26,056
7	3	99 219	77 985,074	2 060 302,636	26,419	25,955
8	4	99 199	75 332,578	1 982 317,562	26,314	25,850
9	5	99 182	72 772,552	1 906 984,984	26,205	25,741
10	6	99 166	70 300,718	1 834 212,432	26,091	25,627
11	7	99 152	67 913,704	1 763 911,714	25,973	25,509
12	8	99 138	65 608,012	1 695 998,009	25,850	25,386
13	9	99 124	63 380,492	1 630 389,998	25,724	25,260
14	10	99 108	61 227,372	1 567 009,506	25,593	25,129
15	11	99 091	59 146,231	1 505 782,134	25,459	24,995
16	12	99 068	57 133,272	1 446 635,902	25,320	24,856
17	13	99 035	55 182,645	1 389 502,630	25,180	24,716
18	14	98 997	53 296,364	1 334 319,984	25,036	24,572
19	15	98 949	51 468,929	1 281 023,621	24,889	24,425
20	16	98 895	49 701,451	1 229 554,691	24,739	24,275
21	17	98 837	47 992,308	1 179 853,240	24,584	24,120
22	18	98 778	46 341,857	1 131 860,932	24,424	23,960
23	19	98 714	44 745,433	1 085 519,075	24,260	23,796
24	20	98 649	43 204,109	1 040 773,642	24,090	23,626
25	21	98 583	41 715,196	997 569,533	23,914	23,450
26	22	98 519	40 278,475	955 854,337	23,731	23,267
27	23	98 456	38 891,231	915 575,862	23,542	23,078
28	24	98 382	37 548,090	876 684,631	23,348	22,884
29	25	98 315	36 253,513	839 136,540	23,146	22,682
30	26	98 240	35 000,965	802 883,027	22,939	22,475
31	27	98 165	33 791,298	767 882,062	22,724	22,260
32	28	98 076	32 618,998	734 090,764	22,505	22,041
33	29	97 983	31 486,008	701 471,766	22,279	21,815
34	30	97 888	30 391,795	669 985,759	22,045	21,581
35	31	97 780	29 331,695	639 593,963	21,806	21,342
36	32	97 662	28 305,606	610 262,268	21,560	21,096
37	33	97 541	27 314,663	581 956,662	21,306	20,842
38	34	97 415	26 356,863	554 641,999	21,044	20,580
39	35	97 275	25 428,893	528 285,136	20,775	20,311
40	36	97 130	24 532,287	502 856,243	20,498	20,034
41	37	96 962	23 661,806	478 323,957	20,215	19,751
42	38	96 789	22 820,860	454 662,151	19,923	19,459
43	39	96 588	22 003,392	431 841,291	19,626	19,162
44	40	96 373	21 211,858	409 837,898	19,321	18,857
45	41	96 134	20 443,864	388 626,041	19,009	18,545
46	42	95 865	19 697,109	368 182,176	18,692	18,228
47	43	95 576	18 973,687	348 485,068	18,367	17,903
48	44	95 252	18 270,039	329 511,381	18,036	17,572
49	45	94 890	17 585,098	311 241,342	17,699	17,235
50	46	94 487	16 918,133	293 656,244	17,357	16,893
51	47	94 035	16 267,839	276 738,111	17,011	16,547
52	48	93 537	15 634,588	260 470,272	16,660	16,196
53	49	92 974	15 014,977	244 835,684	16,306	15,842
54	50	92 343	14 408,739	229 820,707	15,950	15,486
55	51	91 647	13 816,605	215 411,967	15,591	15,127
56	52	90 883	13 237,996	201 595,363	15,229	14,765
57	53	90 040	12 671,782	188 357,366	14,864	14,400
58	54	89 117	12 117,738	175 685,585	14,498	14,034
59	55	88 099	11 574,199	163 567,847	14,132	13,668
60	56	86 995	11 042,645	151 993,647	13,764	13,300
61	57	85 810	10 523,870	140 951,002	13,393	12,929
62	58	84 528	10 016,115	130 427,132	13,022	12,558
63	59	83 135	9 517,885	120 411,017	12,651	12,187
64	60	81 652	9 032,014	110 893,132	12,278	11,814
65	61	80 052	8 555,622	101 861,118	11,906	11,442
66	62	78 381	8 093,734	93 305,496	11,528	11,064
67	63	76 632	7 645,466	85 211,763	11,145	10,681
68	64	74 760	7 206,534	77 566,297	10,763	10,299
69	65	72 827	6 782,816	70 359,763	10,373	9,909
70	66	70 753	6 366,792	63 576,947	9,986	9,522
71	67	68 564	5 961,138	57 210,155	9,597	9,133
72	68	66 243	5 564,598	51 249,017	9,210	8,746
73	69	63 852	5 182,354	45 684,418	8,815	8,351
74	70	61 352	4 811,065	40 502,065	8,419	7,954
75	71	58 730	4 449,765	35 691,000	8,021	7,557
76	72	55 972	4 097,366	31 241,235	7,625	7,161
77	73	53 089	3 754,893	27 143,869	7,229	6,765
78	74	50 111	3 424,393	23 388,976	6,830	6,366
79	75	46 976	3 101,608	19 964,582	6,437	5,973
80	76	43 671	2 785,909	16 862,974	6,053	5,589
81	77	40 215	2 478,698	14 077,065	5,679	5,215
82	78	36 622	2 180,875	11 598,367	5,318	4,854
83	79	32 931	1 894,789	9 417,492	4,970	4,506
84	80	29 146	1 620,304	7 522,703	4,643	4,179
85	81	25 355	1 361,885	5 902,399	4,334	3,870
86	82	21 632	1 122,615	4 540,514	4,045	3,581
87	83	18 078	906,422	3 417,899	3,771	3,307
88	84	14 763	715,200	2 511,477	3,512	3,048
89	85	11 739	549,469	1 796,277	3,269	2,805
90	86	9 073	410,312	1 246,808	3,039	2,575
91	87	6 782	296,337	836,496	2,823	2,359
92	88	4 862	205,256	540,159	2,632	2,168
93	89	3 339	136,181	334,903	2,459	1,995
94	90	2 194	86,468	198,721	2,298	1,834
95	91	1 358	51,715	112,254	2,171	1,707
96	92	808	29,709	60,538	2,038	1,574
97	93	451	16,030	30,829	1,923	1,459
98	94	236	8,108	14,799	1,825	1,361
99	95	115	3,825	6,690	1,749	1,285
100	96	53	1,708	2,865	1,678	1,214

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	83 842,245	2 227 152,091	26,564	26,100
6	1	99 264	80 751,195	2 143 309,846	26,542	26,078
7	2	99 231	77 994,362	2 062 558,651	26,445	25,981
8	3	99 210	75 341,554	1 984 564,289	26,341	25,877
9	4	99 191	72 779,170	1 909 222,735	26,233	25,769
10	5	99 174	70 305,991	1 836 443,565	26,121	25,657
11	6	99 158	67 918,175	1 766 137,575	26,004	25,540
12	7	99 143	65 611,246	1 698 219,400	25,883	25,419
13	8	99 130	63 384,416	1 632 608,154	25,757	25,293
14	9	99 115	61 231,334	1 569 223,737	25,628	25,164
15	10	99 096	59 149,736	1 507 992,403	25,494	25,030
16	11	99 076	57 137,528	1 448 842,667	25,357	24,893
17	12	99 043	55 187,011	1 391 705,139	25,218	24,754
18	13	99 006	53 300,933	1 336 518,127	25,075	24,611
19	14	98 959	51 474,331	1 283 217,195	24,929	24,465
20	15	98 908	49 707,670	1 231 742,864	24,780	24,316
21	16	98 851	47 999,081	1 182 035,194	24,626	24,162
22	17	98 793	46 348,643	1 134 036,113	24,468	24,003
23	18	98 734	44 754,547	1 087 687,470	24,303	23,839
24	19	98 668	43 212,450	1 042 932,923	24,135	23,671
25	20	98 601	41 722,922	999 720,473	23,961	23,497
26	21	98 536	40 285,145	957 997,551	23,780	23,316
27	22	98 473	38 897,962	917 712,406	23,593	23,129
28	23	98 404	37 556,240	878 814,444	23,400	22,936
29	24	98 332	36 259,662	841 258,205	23,201	22,737
30	25	98 259	35 007,492	804 998,543	22,995	22,531
31	26	98 184	33 797,875	769 991,051	22,782	22,318
32	27	98 097	32 626,124	736 193,176	22,565	22,101
33	28	98 007	31 493,862	703 567,052	22,340	21,876
34	29	97 913	30 399,662	672 073,190	22,108	21,644
35	30	97 809	29 340,407	641 673,528	21,870	21,406
36	31	97 693	28 314,644	612 333,120	21,626	21,162
37	32	97 575	27 324,146	584 018,477	21,374	20,910
38	33	97 450	26 366,251	556 694,331	21,114	20,650
39	34	97 313	25 438,842	530 328,080	20,847	20,383
40	35	97 169	24 542,164	504 889,238	20,572	20,108
41	36	97 008	23 672,905	480 347,073	20,291	19,827
42	37	96 834	22 831,368	456 674,168	20,002	19,538
43	38	96 645	22 016,286	433 842,801	19,706	19,242
44	39	96 430	21 224,501	411 826,514	19,403	18,939
45	40	96 200	20 457,749	390 602,013	19,093	18,629
46	41	95 938	19 712,146	370 144,264	18,777	18,313
47	42	95 655	18 989,444	350 432,118	18,454	17,990
48	43	95 338	18 286,496	331 442,674	18,125	17,661
49	44	94 987	17 603,054	313 156,178	17,790	17,326
50	45	94 592	16 936,966	295 553,124	17,450	16,986
51	46	94 154	16 288,521	278 616,158	17,105	16,641
52	47	93 672	15 657,033	262 327,637	16,755	16,291
53	48	93 123	15 039,034	246 670,604	16,402	15,938
54	49	92 511	14 434,887	231 631,571	16,047	15,583
55	50	91 828	13 843,887	217 196,683	15,689	15,225
56	51	91 084	13 267,301	203 352,797	15,327	14,863
57	52	90 262	12 702,971	190 085,496	14,964	14,500
58	53	89 362	12 150,948	177 382,525	14,598	14,134
59	54	88 365	11 609,139	165 231,576	14,233	13,769
60	55	87 284	11 079,356	153 622,438	13,866	13,402
61	56	86 121	10 562,093	142 543,082	13,496	13,032
62	57	84 867	10 056,262	131 980,989	13,124	12,660
63	58	83 503	9 560,050	121 924,727	12,754	12,290
64	59	82 048	9 075,851	112 364,677	12,381	11,917
65	60	80 486	8 601,995	103 288,827	12,008	11,544
66	61	78 822	8 139,274	94 686,831	11,633	11,169
67	62	77 100	7 692,208	86 547,558	11,251	10,787
68	63	75 256	7 254,300	78 855,349	10,870	10,406
69	64	73 362	6 832,608	71 601,050	10,479	10,015
70	65	71 325	6 418,216	64 768,442	10,091	9,627
71	66	69 168	6 013,670	58 350,226	9,703	9,239
72	67	66 891	5 619,072	52 336,556	9,314	8,850
73	68	64 511	5 235,837	46 717,484	8,923	8,459
74	69	62 045	4 865,422	41 481,648	8,526	8,062
75	70	59 455	4 504,648	36 616,225	8,129	7,665
76	71	56 732	4 152,976	32 111,577	7,732	7,268
77	72	53 865	3 809,790	27 958,602	7,339	6,875
78	73	50 899	3 478,246	24 148,812	6,943	6,479
79	74	47 794	3 155,595	20 670,566	6,550	6,086
80	75	44 520	2 840,062	17 514,971	6,167	5,703
81	76	41 113	2 534,006	14 674,909	5,791	5,327
82	77	37 540	2 235,538	12 140,903	5,431	4,967
83	78	33 884	1 949,573	9 905,365	5,081	4,617
84	79	30 139	1 675,466	7 955,792	4,748	4,284
85	80	26 368	1 416,282	6 280,327	4,434	3,970
86	81	22 629	1 174,360	4 864,045	4,142	3,678
87	82	19 036	954,471	3 689,684	3,866	3,402
88	83	15 673	759,302	2 735,213	3,602	3,138
89	84	12 585	589,067	1 975,911	3,354	2,890
90	85	9 832	444,648	1 386,845	3,119	2,655
91	86	7 444	325,255	942,196	2,897	2,433
92	87	5 409	228,364	616,942	2,702	2,238
93	88	3 772	153,847	388,577	2,526	2,062
94	89	2 525	99,493	234,731	2,359	1,895
95	90	1 594	60,694	135,238	2,228	1,764
96	91	970	35,680	74,543	2,089	1,625
97	92	555	19,731	38,864	1,970	1,506
98	93	299	10,253	19,132	1,866	1,402
99	94	151	5,001	8,879	1,775	1,311
100	95	71	2,274	3,878	1,705	1,241

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	80 999,366	2 145 647,530	26,490	26,026
7	1	99 254	78 012,387	2 064 648,164	26,466	26,002
8	2	99 222	75 350,527	1 986 635,777	26,365	25,901
9	3	99 202	72 787,842	1 911 285,250	26,258	25,794
10	4	99 183	70 312,384	1 838 497,409	26,148	25,684
11	5	99 166	67 923,269	1 768 185,025	26,032	25,568
12	6	99 150	65 615,565	1 700 261,755	25,912	25,448
13	7	99 135	63 387,541	1 634 646,190	25,788	25,324
14	8	99 121	61 235,125	1 571 258,649	25,659	25,195
15	9	99 103	59 153,564	1 510 023,524	25,527	25,063
16	10	99 082	57 140,914	1 450 869,960	25,391	24,927
17	11	99 050	55 191,122	1 393 729,046	25,253	24,789
18	12	99 014	53 305,150	1 338 537,924	25,111	24,647
19	13	98 968	51 478,744	1 285 232,774	24,966	24,502
20	14	98 918	49 712,886	1 233 754,030	24,818	24,354
21	15	98 863	48 005,086	1 184 041,144	24,665	24,201
22	16	98 807	46 355,184	1 136 036,057	24,507	24,043
23	17	98 748	44 761,101	1 089 680,873	24,344	23,880
24	18	98 688	43 221,251	1 044 919,772	24,176	23,712
25	19	98 621	41 730,977	1 001 698,521	24,004	23,540
26	20	98 554	40 292,606	959 967,544	23,825	23,361
27	21	98 489	38 904,403	919 674,938	23,639	23,175
28	22	98 421	37 562,740	880 770,535	23,448	22,984
29	23	98 353	36 267,531	843 207,796	23,250	22,786
30	24	98 275	35 013,430	806 940,265	23,047	22,583
31	25	98 202	33 804,178	771 926,835	22,835	22,371
32	26	98 116	32 632,473	738 122,657	22,619	22,155
33	27	98 028	31 500,743	705 490,184	22,396	21,932
34	28	97 937	30 407,246	673 989,441	22,165	21,701
35	29	97 834	29 348,002	643 582,195	21,929	21,465
36	30	97 722	28 323,054	614 234,193	21,687	21,223
37	31	97 606	27 332,870	585 911,140	21,436	20,972
38	32	97 484	26 375,404	558 578,269	21,178	20,714
39	33	97 348	25 447,903	532 202,865	20,913	20,449
40	34	97 207	24 551,767	506 754,962	20,640	20,176
41	35	97 047	23 682,437	482 203,195	20,361	19,897
42	36	96 879	22 842,077	458 520,758	20,074	19,609
43	37	96 689	22 026,424	435 678,681	19,780	19,316
44	38	96 487	21 236,939	413 652,258	19,478	19,014
45	39	96 257	20 469,943	392 415,319	19,170	18,706
46	40	96 003	19 725,534	371 945,376	18,856	18,392
47	41	95 728	19 003,942	352 219,842	18,534	18,070
48	42	95 417	18 301,683	333 215,900	18,207	17,743
49	43	95 073	17 618,910	314 914,218	17,874	17,410
50	44	94 688	16 954,260	297 295,308	17,535	17,071
51	45	94 259	16 306,653	280 341,048	17,192	16,728
52	46	93 791	15 676,938	264 034,395	16,842	16,378
53	47	93 257	15 060,624	248 357,456	16,491	16,026
54	48	92 659	14 458,014	233 296,833	16,136	15,672
55	49	91 995	13 869,009	218 838,819	15,779	15,315
56	50	91 264	13 293,498	204 969,809	15,419	14,955
57	51	90 462	12 731,091	191 676,311	15,056	14,592
58	52	89 581	12 180,856	178 945,220	14,691	14,227
59	53	88 607	11 640,955	166 764,364	14,326	13,862
60	54	87 548	11 112,801	155 123,409	13,959	13,495
61	55	86 408	10 597,205	144 010,608	13,589	13,125
62	56	85 175	10 092,787	133 413,402	13,219	12,755
63	57	83 838	9 598,370	123 320,616	12,848	12,384
64	58	82 412	9 116,057	113 722,246	12,475	12,011
65	59	80 877	8 643,745	104 606,189	12,102	11,638
66	60	79 249	8 183,390	95 962,444	11,726	11,262
67	61	77 534	7 735,489	87 779,053	11,348	10,884
68	62	75 716	7 298,651	80 043,564	10,967	10,503
69	63	73 848	6 877,895	72 744,913	10,577	10,113
70	64	71 848	6 465,331	65 867,018	10,188	9,724
71	65	69 727	6 062,242	59 401,688	9,799	9,335
72	66	67 481	5 668,589	53 339,446	9,410	8,946
73	67	65 142	5 287,092	47 670,857	9,016	8,552
74	68	62 685	4 915,635	42 383,765	8,622	8,158
75	69	60 127	4 555,543	37 468,131	8,225	7,761
76	70	57 431	4 204,198	32 912,587	7,829	7,364
77	71	54 596	3 861,496	28 708,390	7,435	6,970
78	72	51 643	3 529,098	24 846,893	7,041	6,577
79	73	48 545	3 205,221	21 317,795	6,651	6,187
80	74	45 295	2 889,496	18 112,574	6,268	5,804
81	75	41 912	2 583,262	15 223,078	5,893	5,429
82	76	38 377	2 285,420	12 639,816	5,531	5,067
83	77	34 733	1 998,438	10 354,396	5,181	4,717
84	78	31 010	1 723,908	8 355,957	4,847	4,383
85	79	27 266	1 464,498	6 632,050	4,529	4,065
86	80	23 533	1 221,267	5 167,552	4,231	3,767
87	81	19 913	998,466	3 946,285	3,952	3,488
88	82	16 504	799,553	2 947,818	3,687	3,223
89	83	13 361	625,390	2 148,266	3,435	2,971
90	84	10 541	476,692	1 522,875	3,195	2,731
91	85	8 067	352,473	1 046,183	2,968	2,504
92	86	5 937	250,649	693,710	2,768	2,304
93	87	4 196	171,167	443,061	2,588	2,124
94	88	2 852	112,400	271,894	2,419	1,955
95	89	1 834	69,837	159,495	2,284	1,820
96	90	1 138	41,874	89,657	2,141	1,677
97	91	667	23,696	47,783	2,016	1,552
98	92	367	12,620	24,087	1,909	1,445
99	93	191	6,324	11,467	1,813	1,349
100	94	93	2,973	5,142	1,730	1,266

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	78 252,141	2 066 805,987	26,412	25,948
8	1	99 245	75 367,941	1 988 553,846	26,385	25,921
9	2	99 214	72 796,510	1 913 185,905	26,281	25,817
10	3	99 194	70 320,762	1 840 389,395	26,171	25,707
11	4	99 175	67 929,446	1 770 068,633	26,057	25,593
12	5	99 157	65 620,486	1 702 139,187	25,939	25,475
13	6	99 142	63 391,714	1 636 518,701	25,816	25,352
14	7	99 126	61 238,144	1 573 126,987	25,689	25,225
15	8	99 109	59 157,226	1 511 888,843	25,557	25,093
16	9	99 088	57 144,612	1 452 731,616	25,422	24,958
17	10	99 056	55 194,393	1 395 587,005	25,285	24,821
18	11	99 021	53 309,120	1 340 392,612	25,144	24,680
19	12	98 976	51 482,817	1 287 083,491	25,000	24,536
20	13	98 927	49 717,148	1 235 600,675	24,853	24,389
21	14	98 874	48 010,125	1 185 883,526	24,701	24,237
22	15	98 819	46 360,984	1 137 873,402	24,544	24,080
23	16	98 762	44 767,418	1 091 512,418	24,382	23,918
24	17	98 703	43 227,581	1 046 745,000	24,215	23,751
25	18	98 641	41 739,477	1 003 517,419	24,042	23,578
26	19	98 573	40 300,385	961 777,943	23,865	23,401
27	20	98 507	38 911,608	921 477,558	23,681	23,217
28	21	98 437	37 568,959	882 565,950	23,492	23,028
29	22	98 370	36 273,808	844 996,991	23,295	22,831
30	23	98 297	35 021,029	808 723,182	23,093	22,628
31	24	98 219	33 809,911	773 702,154	22,884	22,420
32	25	98 135	32 638,559	739 892,243	22,669	22,205
33	26	98 048	31 506,873	707 253,683	22,448	21,984
34	27	97 959	30 413,889	675 746,810	22,218	21,754
35	28	97 859	29 355,323	645 332,922	21,984	21,519
36	29	97 747	28 330,385	615 977,598	21,743	21,279
37	30	97 635	27 340,989	587 647,213	21,493	21,029
38	31	97 515	26 383,826	560 306,225	21,237	20,773
39	32	97 381	25 456,738	533 922,399	20,974	20,510
40	33	97 241	24 560,512	508 465,661	20,703	20,239
41	34	97 085	23 691,703	483 905,149	20,425	19,961
42	35	96 918	22 851,274	460 213,446	20,140	19,675
43	36	96 735	22 036,755	437 362,172	19,847	19,383
44	37	96 531	21 246,717	415 325,417	19,548	19,084
45	38	96 313	20 481,938	394 078,700	19,240	18,776
46	39	96 060	19 737,292	373 596,761	18,928	18,464
47	40	95 793	19 016,848	353 859,470	18,608	18,144
48	41	95 490	18 315,655	334 842,621	18,282	17,818
49	42	95 152	17 633,542	316 526,966	17,950	17,486
50	43	94 774	16 969,531	298 893,424	17,614	17,150
51	44	94 355	16 323,304	281 923,893	17,271	16,807
52	45	93 895	15 694,390	265 600,589	16,923	16,459
53	46	93 376	15 079,771	249 906,199	16,572	16,108
54	47	92 792	14 478,770	234 826,428	16,219	15,755
55	48	92 142	13 891,230	220 347,658	15,862	15,398
56	49	91 429	13 317,622	206 456,429	15,502	15,038
57	50	90 640	12 756,230	193 138,807	15,141	14,677
58	51	89 780	12 207,820	180 382,577	14,776	14,312
59	52	88 825	11 669,607	168 174,757	14,411	13,947
60	53	87 788	11 143,257	156 505,149	14,045	13,581
61	54	86 669	10 629,195	145 361,892	13,676	13,212
62	55	85 458	10 126,339	134 732,697	13,305	12,841
63	56	84 142	9 633,231	124 606,357	12,935	12,471
64	57	82 742	9 152,597	114 973,126	12,562	12,098
65	58	81 235	8 682,037	105 820,529	12,188	11,724
66	59	79 634	8 223,108	97 138,492	11,813	11,349
67	60	77 954	7 777,418	88 915,384	11,433	10,968
68	61	76 142	7 339,717	81 137,966	11,055	10,591
69	62	74 300	6 919,945	73 798,249	10,665	10,201
70	63	72 324	6 508,183	66 878,304	10,276	9,812
71	64	70 238	6 106,743	60 370,121	9,886	9,422
72	65	68 026	5 714,374	54 263,377	9,496	9,032
73	66	65 716	5 333,684	48 549,003	9,102	8,638
74	67	63 299	4 963,755	43 215,320	8,706	8,242
75	68	60 747	4 602,558	38 251,564	8,311	7,847
76	69	58 080	4 251,698	33 649,007	7,914	7,450
77	70	55 270	3 909,123	29 397,309	7,520	7,056
78	71	52 344	3 576,996	25 488,185	7,126	6,662
79	72	49 255	3 252,081	21 911,190	6,738	6,274
80	73	46 007	2 934,937	18 659,108	6,358	5,894
81	74	42 641	2 628,227	15 724,171	5,983	5,519
82	75	39 123	2 329,844	13 095,944	5,621	5,157
83	76	35 508	2 043,030	10 766,100	5,270	4,806
84	77	31 787	1 767,117	8 723,070	4,936	4,472
85	78	28 054	1 506,840	6 955,953	4,616	4,152
86	79	24 334	1 262,844	5 449,113	4,315	3,851
87	80	20 709	1 038,347	4 186,269	4,032	3,568
88	81	17 265	836,407	3 147,922	3,764	3,300
89	82	14 069	658,543	2 311,515	3,510	3,046
90	83	11 191	506,087	1 652,972	3,266	2,802
91	84	8 648	377,874	1 146,886	3,035	2,571
92	85	6 434	271,624	769,012	2,831	2,367
93	86	4 606	187,870	497,388	2,648	2,183
94	87	3 173	125,054	309,518	2,475	2,011
95	88	2 072	78,897	184,464	2,338	1,874
96	89	1 310	48,182	105,567	2,191	1,727
97	90	782	27,811	57,385	2,063	1,599
98	91	441	15,156	29,574	1,951	1,487
99	92	235	7,784	14,418	1,852	1,388
100	93	117	3,760	6,634	1,764	1,300

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	75 599,567	1 990 545,220	26,330	25,866
9	1	99 237	72 813,334	1 914 945,653	26,299	25,835
10	2	99 206	70 329,137	1 842 132,318	26,193	25,729
11	3	99 187	67 937,540	1 771 803,182	26,080	25,616
12	4	99 166	65 626,454	1 703 865,642	25,963	25,499
13	5	99 149	63 396,468	1 638 239,188	25,841	25,377
14	6	99 132	61 242,175	1 574 842,720	25,715	25,251
15	7	99 114	59 160,143	1 513 600,544	25,585	25,121
16	8	99 094	57 148,150	1 454 440,402	25,450	24,986
17	9	99 062	55 197,964	1 397 292,252	25,314	24,850
18	10	99 027	53 312,279	1 342 094,287	25,174	24,710
19	11	98 983	51 486,652	1 288 782,008	25,031	24,567
20	12	98 934	49 721,082	1 237 295,356	24,885	24,421
21	13	98 882	48 014,240	1 187 574,274	24,734	24,270
22	14	98 829	46 365,850	1 139 560,034	24,578	24,114
23	15	98 774	44 773,019	1 093 194,184	24,416	23,952
24	16	98 717	43 233,681	1 048 421,166	24,250	23,786
25	17	98 655	41 745,589	1 005 187,484	24,079	23,615
26	18	98 593	40 308,593	963 441,896	23,902	23,438
27	19	98 526	38 919,120	923 133,302	23,719	23,255
28	20	98 455	37 575,917	884 214,182	23,531	23,067
29	21	98 386	36 279,815	846 638,265	23,336	22,872
30	22	98 314	35 027,090	810 358,450	23,135	22,671
31	23	98 240	33 817,249	775 331,360	22,927	22,463
32	24	98 151	32 644,095	741 514,111	22,715	22,251
33	25	98 066	31 512,749	708 870,017	22,495	22,031
34	26	97 978	30 419,808	677 357,268	22,267	21,803
35	27	97 880	29 361,737	646 937,460	22,033	21,569
36	28	97 772	28 337,452	617 575,723	21,794	21,330
37	29	97 661	27 348,066	589 238,271	21,546	21,082
38	30	97 544	26 391,663	561 890,205	21,290	20,826
39	31	97 413	25 464,866	535 498,543	21,029	20,565
40	32	97 275	24 569,038	510 033,677	20,759	20,295
41	33	97 119	23 700,141	485 464,638	20,484	20,020
42	34	96 956	22 860,215	461 764,497	20,199	19,735
43	35	96 774	22 045,628	438 904,282	19,909	19,445
44	36	96 576	21 256,683	416 858,653	19,611	19,147
45	37	96 358	20 491,369	395 601,970	19,306	18,842
46	38	96 117	19 748,858	375 110,601	18,994	18,530
47	39	95 850	19 028,183	355 361,743	18,676	18,212
48	40	95 555	18 328,094	336 333,560	18,351	17,887
49	41	95 224	17 647,004	318 005,466	18,020	17,556
50	42	94 852	16 983,625	300 358,462	17,685	17,221
51	43	94 440	16 338,007	283 374,837	17,345	16,880
52	44	93 991	15 710,415	267 036,830	16,997	16,533
53	45	93 480	15 096,558	251 326,415	16,648	16,184
54	46	92 910	14 497,177	236 229,857	16,295	15,831
55	47	92 275	13 911,172	221 732,680	15,939	15,475
56	48	91 576	13 338,959	207 821,508	15,580	15,116
57	49	90 805	12 779,379	194 482,549	15,218	14,754
58	50	89 957	12 231,926	181 703,171	14,855	14,391
59	51	89 022	11 695,440	169 471,245	14,490	14,026
60	52	88 004	11 170,685	157 775,805	14,124	13,660
61	53	86 906	10 658,326	146 605,120	13,755	13,291
62	54	85 716	10 156,908	135 946,794	13,385	12,921
63	55	84 422	9 665,256	125 789,886	13,015	12,551
64	56	83 043	9 185,840	116 124,630	12,642	12,178
65	57	81 561	8 716,837	106 938,791	12,268	11,804
66	58	79 987	8 259,537	98 221,953	11,892	11,428
67	59	78 332	7 815,165	89 962,416	11,511	11,047
68	60	76 555	7 379,500	82 147,251	11,132	10,668
69	61	74 718	6 958,880	74 767,751	10,744	10,280
70	62	72 766	6 547,973	67 808,871	10,356	9,892
71	63	70 704	6 147,219	61 260,897	9,966	9,502
72	64	68 525	5 756,322	55 113,678	9,574	9,110
73	65	66 247	5 376,763	49 357,356	9,180	8,716
74	66	63 857	5 007,498	43 980,593	8,783	8,319
75	67	61 342	4 647,613	38 973,095	8,386	7,922
76	68	58 680	4 295,577	34 325,482	7,991	7,527
77	69	55 894	3 953,290	30 029,905	7,596	7,132
78	70	52 989	3 621,113	26 076,615	7,201	6,737
79	71	49 923	3 296,219	22 455,501	6,813	6,348
80	72	46 680	2 977,846	19 159,282	6,434	5,970
81	73	43 312	2 669,559	16 181,436	6,061	5,597
82	74	39 804	2 370,398	13 511,877	5,700	5,236
83	75	36 198	2 082,742	11 141,479	5,349	4,885
84	76	32 497	1 806,547	9 058,737	5,014	4,550
85	77	28 757	1 544,609	7 252,190	4,695	4,231
86	78	25 038	1 299,356	5 707,581	4,393	3,929
87	79	21 414	1 073,697	4 408,225	4,106	3,642
88	80	17 955	869,815	3 334,528	3,834	3,370
89	81	14 718	688,897	2 464,713	3,578	3,114
90	82	11 784	532,914	1 775,816	3,332	2,868
91	83	9 181	401,175	1 242,902	3,098	2,634
92	84	6 898	291,199	841,727	2,891	2,427
93	85	4 991	203,592	550,528	2,704	2,240
94	86	3 483	137,257	346,937	2,528	2,064
95	87	2 305	87,779	209,680	2,389	1,925
96	88	1 480	54,433	121,901	2,239	1,775
97	89	900	32,000	67,468	2,108	1,644
98	90	518	17,788	35,468	1,994	1,530
99	91	282	9,349	17,680	1,891	1,427
100	92	144	4,628	8,332	1,800	1,336

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	73 037,110	1 916 783,307	26,244	25,780
10	1	99 229	70 345,390	1 843 746,197	26,210	25,746
11	2	99 199	67 945,631	1 773 400,807	26,100	25,636
12	3	99 178	65 634,273	1 705 455,176	25,984	25,520
13	4	99 158	63 402,233	1 639 820,902	25,864	25,400
14	5	99 140	61 246,769	1 576 418,669	25,739	25,275
15	6	99 120	59 164,037	1 515 171,901	25,610	25,146
16	7	99 099	57 150,967	1 456 007,863	25,477	25,012
17	8	99 069	55 201,382	1 398 856,896	25,341	24,877
18	9	99 033	53 315,729	1 343 655,514	25,202	24,738
19	10	98 989	51 489,703	1 290 339,785	25,060	24,596
20	11	98 942	49 724,786	1 238 850,082	24,914	24,450
21	12	98 890	48 018,039	1 189 125,297	24,764	24,300
22	13	98 838	46 369,824	1 141 107,257	24,609	24,145
23	14	98 785	44 777,718	1 094 737,433	24,448	23,984
24	15	98 729	43 239,090	1 049 959,715	24,283	23,819
25	16	98 669	41 751,480	1 006 720,625	24,112	23,648
26	17	98 608	40 314,496	964 969,145	23,936	23,472
27	18	98 546	38 927,048	924 654,649	23,754	23,290
28	19	98 474	37 583,172	885 727,601	23,567	23,103
29	20	98 405	36 286,534	848 144,429	23,374	22,910
30	21	98 330	35 032,890	811 857,896	23,174	22,710
31	22	98 257	33 823,102	776 825,006	22,967	22,503
32	23	98 173	32 651,180	743 001,904	22,756	22,292
33	24	98 082	31 518,093	710 350,725	22,538	22,074
34	25	97 996	30 425,481	678 832,631	22,311	21,847
35	26	97 899	29 367,451	648 407,150	22,079	21,615
36	27	97 793	28 343,643	619 039,699	21,841	21,376
37	28	97 685	27 354,888	590 696,056	21,594	21,130
38	29	97 569	26 398,494	563 341,168	21,340	20,876
39	30	97 442	25 472,430	536 942,674	21,079	20,615
40	31	97 306	24 576,883	511 470,245	20,811	20,347
41	32	97 153	23 708,369	486 893,362	20,537	20,073
42	33	96 991	22 868,358	463 184,992	20,254	19,790
43	34	96 812	22 054,254	440 316,635	19,965	19,501
44	35	96 615	21 265,242	418 262,381	19,669	19,205
45	36	96 403	20 500,981	396 997,139	19,365	18,901
46	37	96 161	19 757,951	376 496,158	19,055	18,591
47	38	95 907	19 039,334	356 738,207	18,737	18,273
48	39	95 612	18 339,019	337 698,873	18,414	17,950
49	40	95 289	17 658,990	319 359,854	18,085	17,621
50	41	94 925	16 996,591	301 700,865	17,751	17,287
51	42	94 519	16 351,576	284 704,274	17,411	16,947
52	43	94 076	15 724,566	268 352,698	17,066	16,602
53	44	93 575	15 111,972	252 628,132	16,717	16,253
54	45	93 013	14 513,316	237 516,160	16,365	15,901
55	46	92 392	13 928,858	223 002,844	16,010	15,546
56	47	91 707	13 358,108	209 073,987	15,651	15,187
57	48	90 950	12 799,853	195 715,879	15,290	14,826
58	49	90 120	12 254,123	182 916,025	14,927	14,463
59	50	89 198	11 718,533	170 661,902	14,563	14,099
60	51	88 198	11 195,413	158 943,369	14,197	13,733
61	52	87 120	10 684,560	147 747,956	13,828	13,364
62	53	85 951	10 184,744	137 063,396	13,458	12,994
63	54	84 677	9 694,433	126 878,652	13,088	12,624
64	55	83 319	9 216,377	117 184,219	12,715	12,251
65	56	81 857	8 748,497	107 967,842	12,341	11,877
66	57	80 307	8 292,644	99 219,345	11,965	11,501
67	58	78 679	7 849,787	90 926,701	11,583	11,119
68	59	76 926	7 415,316	83 076,914	11,203	10,739
69	60	75 123	6 996,599	75 661,598	10,814	10,350
70	61	73 176	6 584,816	68 664,999	10,428	9,964
71	62	71 136	6 184,802	62 080,183	10,038	9,574
72	63	68 979	5 794,475	55 895,381	9,646	9,182
73	64	66 733	5 416,233	50 100,905	9,250	8,786
74	65	64 372	5 047,943	44 684,672	8,852	8,388
75	66	61 882	4 688,570	39 636,729	8,454	7,990
76	67	59 254	4 337,627	34 948,159	8,057	7,593
77	68	56 471	3 994,089	30 610,532	7,664	7,200
78	69	53 588	3 662,026	26 616,443	7,268	6,804
79	70	50 539	3 336,874	22 954,417	6,879	6,415
80	71	47 313	3 018,262	19 617,543	6,500	6,036
81	72	43 945	2 708,588	16 599,281	6,128	5,664
82	73	40 430	2 407,675	13 890,693	5,769	5,305
83	74	36 828	2 118,995	11 483,018	5,419	4,955
84	75	33 128	1 841,663	9 364,023	5,085	4,621
85	76	29 399	1 579,074	7 522,360	4,764	4,300
86	77	25 665	1 331,924	5 943,286	4,462	3,998
87	78	22 033	1 104,740	4 611,362	4,174	3,710
88	79	18 566	899,427	3 506,621	3,899	3,435
89	80	15 306	716,413	2 607,195	3,639	3,175
90	81	12 327	557,478	1 890,782	3,392	2,928
91	82	9 668	422,442	1 333,303	3,156	2,692
92	83	7 323	309,155	910,862	2,946	2,482
93	84	5 351	218,264	601,707	2,757	2,293
94	85	3 774	148,743	383,443	2,578	2,114
95	86	2 530	96,345	234,700	2,436	1,972
96	87	1 646	60,561	138,355	2,285	1,821
97	88	1 017	36,151	77,795	2,152	1,688
98	89	596	20,467	41,644	2,035	1,571
99	90	331	10,972	21,177	1,930	1,466
100	91	173	5,558	10,205	1,836	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	70 561,581	1 845 442,119	26,154	25,690
11	1	99 221	67 961,334	1 774 880,538	26,116	25,652
12	2	99 190	65 642,090	1 706 919,204	26,003	25,539
13	3	99 170	63 409,788	1 641 277,114	25,884	25,420
14	4	99 149	61 252,338	1 577 867,327	25,760	25,296
15	5	99 128	59 168,475	1 516 614,988	25,632	25,168
16	6	99 106	57 154,729	1 457 446,514	25,500	25,036
17	7	99 073	55 204,103	1 400 291,784	25,366	24,902
18	8	99 040	53 319,030	1 345 087,681	25,227	24,763
19	9	98 995	51 493,035	1 291 768,650	25,086	24,622
20	10	98 948	49 727,732	1 240 275,616	24,941	24,477
21	11	98 897	48 021,616	1 190 547,884	24,792	24,328
22	12	98 846	46 373,493	1 142 526,268	24,637	24,173
23	13	98 793	44 781,556	1 096 152,774	24,478	24,014
24	14	98 739	43 243,628	1 051 371,218	24,313	23,849
25	15	98 681	41 756,704	1 008 127,590	24,143	23,679
26	16	98 622	40 320,185	966 370,886	23,967	23,503
27	17	98 561	38 932,748	926 050,701	23,786	23,322
28	18	98 494	37 590,827	887 117,953	23,599	23,135
29	19	98 424	36 293,539	849 527,126	23,407	22,943
30	20	98 348	35 039,378	813 233,586	23,209	22,745
31	21	98 273	33 828,702	778 194,208	23,004	22,540
32	22	98 190	32 656,831	744 365,506	22,794	22,330
33	23	98 104	31 524,934	711 708,675	22,576	22,112
34	24	98 013	30 430,641	680 183,742	22,352	21,888
35	25	97 917	29 372,928	649 753,101	22,121	21,657
36	26	97 812	28 349,159	620 380,173	21,884	21,420
37	27	97 706	27 360,864	592 031,014	21,638	21,174
38	28	97 593	26 405,079	564 670,149	21,385	20,921
39	29	97 467	25 479,023	538 265,070	21,126	20,662
40	30	97 335	24 584,183	512 786,047	20,858	20,394
41	31	97 184	23 715,939	488 201,864	20,585	20,121
42	32	97 024	22 876,297	464 485,925	20,304	19,840
43	33	96 846	22 062,109	441 609,628	20,017	19,553
44	34	96 653	21 273,562	419 547,519	19,722	19,258
45	35	96 442	20 509,235	398 273,956	19,419	18,955
46	36	96 206	19 767,219	377 764,721	19,111	18,647
47	37	95 951	19 048,100	357 997,502	18,794	18,330
48	38	95 668	18 349,765	338 949,402	18,472	18,008
49	39	95 346	17 669,515	320 599,636	18,144	17,680
50	40	94 989	17 008,134	302 930,121	17,811	17,347
51	41	94 591	16 364,059	285 921,987	17,473	17,009
52	42	94 154	15 737,625	269 557,928	17,128	16,664
53	43	93 659	15 125,584	253 820,302	16,781	16,317
54	44	93 108	14 528,135	238 694,718	16,430	15,966
55	45	92 495	13 944,363	224 166,583	16,076	15,612
56	46	91 824	13 375,091	210 222,220	15,717	15,253
57	47	91 081	12 818,229	196 847,129	15,357	14,893
58	48	90 265	12 273,756	184 028,901	14,994	14,530
59	49	89 360	11 739,799	171 755,144	14,630	14,166
60	50	88 373	11 217,519	160 015,345	14,265	13,801
61	51	87 313	10 708,212	148 797,826	13,896	13,432
62	52	86 163	10 209,812	138 089,614	13,525	13,061
63	53	84 909	9 721,002	127 879,802	13,155	12,691
64	54	83 570	9 244,199	118 158,800	12,782	12,318
65	55	82 129	8 777,581	108 914,602	12,408	11,944
66	56	80 599	8 322,763	100 137,021	12,032	11,568
67	57	78 995	7 881,251	91 814,258	11,650	11,186
68	58	77 267	7 448,167	83 933,007	11,269	10,805
69	59	75 487	7 030,557	76 484,840	10,879	10,415
70	60	73 573	6 620,507	69 454,283	10,491	10,027
71	61	71 536	6 219,601	62 833,776	10,103	9,639
72	62	69 401	5 829,902	56 614,175	9,711	9,247
73	63	67 176	5 452,132	50 784,273	9,315	8,851
74	64	64 845	5 084,999	45 332,141	8,915	8,451
75	65	62 382	4 726,439	40 247,142	8,515	8,051
76	66	59 776	4 375,852	35 520,703	8,117	7,653
77	67	57 024	4 033,188	31 144,851	7,722	7,258
78	68	54 141	3 699,819	27 111,662	7,328	6,864
79	69	51 110	3 374,575	23 411,843	6,938	6,474
80	70	47 897	3 055,488	20 037,268	6,558	6,094
81	71	44 542	2 745,349	16 981,780	6,186	5,722
82	72	41 021	2 442,876	14 236,431	5,828	5,364
83	73	37 407	2 152,319	11 793,555	5,479	5,015
84	74	33 705	1 873,719	9 641,236	5,146	4,681
85	75	29 970	1 609,768	7 767,517	4,825	4,361
86	76	26 238	1 361,643	6 157,748	4,522	4,058
87	77	22 585	1 132,430	4 796,105	4,235	3,771
88	78	19 103	925,432	3 663,675	3,959	3,495
89	79	15 827	740,803	2 738,243	3,696	3,232
90	80	12 819	579,745	1 997,440	3,445	2,981
91	81	10 114	441,913	1 417,695	3,208	2,744
92	82	7 711	325,543	975,782	2,997	2,533
93	83	5 681	231,722	650,238	2,806	2,342
94	84	4 046	159,462	418,516	2,625	2,161
95	85	2 742	104,407	259,054	2,481	2,017
96	86	1 807	66,470	154,646	2,327	1,863
97	87	1 132	40,221	88,176	2,192	1,728
98	88	673	23,122	47,955	2,074	1,610
99	89	380	12,625	24,833	1,967	1,503
100	90	203	6,522	12,208	1,872	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	68 170,198	1 776 445,940	26,059	25,595
12	1	99 213	65 657,261	1 708 275,742	26,018	25,554
13	2	99 182	63 417,339	1 642 618,482	25,902	25,438
14	3	99 161	61 259,637	1 579 201,142	25,779	25,315
15	4	99 137	59 173,855	1 517 941,506	25,652	25,188
16	5	99 113	57 159,016	1 458 767,650	25,521	25,057
17	6	99 080	55 207,738	1 401 608,634	25,388	24,924
18	7	99 044	53 321,659	1 346 400,897	25,251	24,787
19	8	99 002	51 496,223	1 293 079,238	25,110	24,646
20	9	98 954	49 730,950	1 241 583,015	24,966	24,502
21	10	98 903	48 024,462	1 191 852,065	24,818	24,354
22	11	98 853	46 376,947	1 143 827,603	24,664	24,200
23	12	98 801	44 785,099	1 097 450,656	24,505	24,041
24	13	98 748	43 247,335	1 052 665,556	24,341	23,877
25	14	98 692	41 761,086	1 009 418,221	24,171	23,707
26	15	98 634	40 325,230	967 657,135	23,996	23,532
27	16	98 575	38 938,242	927 331,905	23,815	23,351
28	17	98 509	37 596,332	888 393,662	23,630	23,166
29	18	98 444	36 300,932	850 797,331	23,437	22,973
30	19	98 367	35 046,143	814 496,399	23,241	22,777
31	20	98 292	33 834,967	779 450,256	23,037	22,573
32	21	98 206	32 662,238	745 615,289	22,828	22,364
33	22	98 121	31 530,390	712 953,051	22,612	22,148
34	23	98 034	30 437,245	681 422,660	22,388	21,924
35	24	97 934	29 377,909	650 985,415	22,159	21,695
36	25	97 830	28 354,446	621 607,506	21,923	21,459
37	26	97 725	27 366,189	593 253,059	21,678	21,214
38	27	97 615	26 410,848	565 886,870	21,426	20,962
39	28	97 491	25 485,379	539 476,022	21,168	20,704
40	29	97 360	24 590,546	513 990,643	20,902	20,438
41	30	97 213	23 722,983	489 400,097	20,630	20,166
42	31	97 055	22 883,601	465 677,113	20,350	19,886
43	32	96 880	22 069,769	442 793,512	20,063	19,599
44	33	96 687	21 281,139	420 723,744	19,770	19,306
45	34	96 480	20 517,260	399 442,604	19,469	19,005
46	35	96 245	19 775,178	378 925,344	19,162	18,698
47	36	95 996	19 057,035	359 150,166	18,846	18,382
48	37	95 712	18 358,214	340 093,131	18,525	18,061
49	38	95 402	17 679,870	321 734,917	18,198	17,734
50	39	95 046	17 018,272	304 055,047	17,866	17,402
51	40	94 655	16 375,173	287 036,775	17,529	17,065
52	41	94 226	15 749,640	270 661,602	17,185	16,721
53	42	93 737	15 138,146	254 911,962	16,839	16,375
54	43	93 192	14 541,221	239 773,816	16,489	16,025
55	44	92 589	13 958,602	225 232,595	16,136	15,672
56	45	91 926	13 389,980	211 273,993	15,779	15,314
57	46	91 197	12 834,525	197 884,014	15,418	14,954
58	47	90 394	12 291,376	185 049,488	15,055	14,591
59	48	89 503	11 758,608	172 758,112	14,692	14,228
60	49	88 533	11 237,876	160 999,504	14,327	13,862
61	50	87 485	10 729,356	149 761,628	13,958	13,494
62	51	86 353	10 232,414	139 032,272	13,587	13,123
63	52	85 118	9 744,928	128 799,859	13,217	12,753
64	53	83 799	9 269,534	119 054,931	12,844	12,380
65	54	82 377	8 804,078	109 785,397	12,470	12,006
66	55	80 867	8 350,431	100 981,319	12,093	11,629
67	56	79 282	7 909,876	92 630,888	11,711	11,247
68	57	77 577	7 478,021	84 721,012	11,329	10,865
69	58	75 822	7 061,703	77 242,991	10,938	10,474
70	59	73 930	6 652,639	70 181,288	10,549	10,085
71	60	71 924	6 253,313	63 528,649	10,159	9,695
72	61	69 792	5 862,704	57 275,335	9,769	9,305
73	62	67 586	5 485,465	51 412,631	9,373	8,908
74	63	65 275	5 118,703	45 927,166	8,972	8,508
75	64	62 840	4 761,135	40 808,463	8,571	8,107
76	65	60 259	4 411,196	36 047,328	8,172	7,708
77	66	57 526	4 068,730	31 636,133	7,775	7,311
78	67	54 671	3 736,038	27 567,402	7,379	6,915
79	68	51 638	3 409,402	23 831,365	6,990	6,526
80	69	48 438	3 090,010	20 421,963	6,609	6,145
81	70	45 091	2 779,210	17 331,952	6,236	5,772
82	71	41 578	2 476,031	14 552,743	5,877	5,413
83	72	37 954	2 183,786	12 076,712	5,530	5,066
84	73	34 235	1 903,186	9 892,927	5,198	4,734
85	74	30 492	1 637,788	7 989,741	4,878	4,414
86	75	26 748	1 388,111	6 351,952	4,576	4,112
87	76	23 089	1 157,698	4 963,841	4,288	3,824
88	77	19 582	948,627	3 806,143	4,012	3,548
89	78	16 284	762,221	2 857,515	3,749	3,285
90	79	13 256	599,482	2 095,294	3,495	3,031
91	80	10 518	459,564	1 495,812	3,255	2,791
92	81	8 067	340,549	1 036,248	3,043	2,579
93	82	5 982	244,006	695,699	2,851	2,387
94	83	4 296	169,295	451,693	2,668	2,204
95	84	2 940	111,932	282,398	2,523	2,059
96	85	1 958	72,033	170,466	2,367	1,902
97	86	1 242	44,146	98,433	2,230	1,766
98	87	749	25,725	54,287	2,110	1,646
99	88	430	14,262	28,562	2,003	1,539
100	89	234	7,505	14,300	1,905	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	65 859,043	1 709 721,043	25,960	25,496
13	1	99 205	63 431,996	1 643 862,000	25,915	25,451
14	2	99 172	61 266,932	1 580 430,004	25,796	25,332
15	3	99 149	59 180,906	1 519 163,072	25,670	25,206
16	4	99 122	57 164,214	1 459 982,165	25,540	25,076
17	5	99 087	55 211,878	1 402 817,951	25,408	24,944
18	6	99 051	53 325,169	1 347 606,073	25,271	24,807
19	7	99 006	51 498,762	1 294 280,904	25,132	24,668
20	8	98 960	49 734,029	1 242 782,143	24,989	24,525
21	9	98 909	48 027,569	1 193 048,113	24,841	24,377
22	10	98 859	46 379,696	1 145 020,544	24,688	24,224
23	11	98 808	44 788,435	1 098 640,848	24,530	24,066
24	12	98 756	43 250,757	1 053 852,413	24,366	23,902
25	13	98 700	41 764,666	1 010 601,656	24,198	23,734
26	14	98 644	40 329,462	968 836,990	24,023	23,559
27	15	98 587	38 943,114	928 507,527	23,843	23,379
28	16	98 523	37 601,637	889 564,413	23,658	23,194
29	17	98 458	36 306,248	851 962,776	23,466	23,002
30	18	98 387	35 053,281	815 656,528	23,269	22,805
31	19	98 311	33 841,500	780 603,247	23,066	22,602
32	20	98 224	32 668,287	746 761,748	22,859	22,395
33	21	98 137	31 535,611	714 093,460	22,644	22,180
34	22	98 051	30 442,513	682 557,849	22,421	21,957
35	23	97 955	29 384,285	652 115,336	22,193	21,729
36	24	97 847	28 359,255	622 731,051	21,959	21,495
37	25	97 744	27 371,293	594 371,795	21,715	21,251
38	26	97 634	26 415,988	567 000,503	21,464	21,000
39	27	97 512	25 490,947	540 584,515	21,207	20,743
40	28	97 385	24 596,681	515 093,568	20,942	20,478
41	29	97 238	23 729,124	490 496,887	20,671	20,207
42	30	97 084	22 890,398	466 767,763	20,391	19,927
43	31	96 911	22 076,815	443 877,365	20,106	19,642
44	32	96 721	21 288,528	421 800,550	19,814	19,349
45	33	96 514	20 524,568	400 512,022	19,514	19,050
46	34	96 282	19 782,915	379 987,454	19,208	18,744
47	35	96 034	19 064,708	360 204,539	18,894	18,430
48	36	95 757	18 366,826	341 139,831	18,574	18,110
49	37	95 446	17 688,010	322 773,005	18,248	17,784
50	38	95 102	17 028,245	305 084,995	17,916	17,452
51	39	94 711	16 384,933	288 056,750	17,581	17,117
52	40	94 290	15 760,337	271 671,817	17,238	16,774
53	41	93 809	15 149,703	255 911,480	16,892	16,428
54	42	93 270	14 553,297	240 761,777	16,543	16,079
55	43	92 673	13 971,175	226 208,479	16,191	15,727
56	44	92 020	13 403,652	212 237,305	15,834	15,370
57	45	91 298	12 848,812	198 833,653	15,475	15,011
58	46	90 509	12 307,003	185 984,840	15,112	14,648
59	47	89 631	11 775,489	173 677,837	14,749	14,285
60	48	88 675	11 255,880	161 902,348	14,384	13,920
61	49	87 644	10 748,827	150 646,468	14,015	13,551
62	50	86 524	10 252,618	139 897,641	13,645	13,181
63	51	85 306	9 766,500	129 645,023	13,274	12,810
64	52	84 006	9 292,349	119 878,523	12,901	12,437
65	53	82 603	8 828,207	110 586,174	12,526	12,062
66	54	81 111	8 375,639	101 757,967	12,149	11,685
67	55	79 545	7 936,171	93 382,328	11,767	11,303
68	56	77 858	7 505,182	85 446,157	11,385	10,921
69	57	76 126	7 090,008	77 940,975	10,993	10,529
70	58	74 257	6 682,111	70 850,967	10,603	10,139
71	59	72 273	6 283,663	64 168,856	10,212	9,748
72	60	70 170	5 894,481	57 885,193	9,820	9,356
73	61	67 967	5 516,330	51 990,711	9,425	8,961
74	62	65 674	5 149,997	46 474,381	9,024	8,560
75	63	63 257	4 792,692	41 324,384	8,622	8,158
76	64	60 701	4 443,578	36 531,692	8,221	7,757
77	65	57 991	4 101,593	32 088,115	7,823	7,359
78	66	55 153	3 768,961	27 986,522	7,426	6,962
79	67	52 143	3 442,777	24 217,560	7,034	6,570
80	68	48 938	3 121,900	20 774,783	6,655	6,191
81	69	45 600	2 810,610	17 652,883	6,281	5,817
82	70	42 091	2 506,569	14 842,273	5,921	5,457
83	71	38 469	2 213,424	12 335,703	5,573	5,109
84	72	34 736	1 931,011	10 122,279	5,242	4,778
85	73	30 972	1 663,545	8 191,268	4,924	4,460
86	74	27 214	1 412,273	6 527,724	4,622	4,158
87	75	23 538	1 180,202	5 115,451	4,334	3,870
88	76	20 018	969,794	3 935,249	4,058	3,594
89	77	16 693	781,326	2 965,455	3,795	3,331
90	78	13 639	616,815	2 184,129	3,541	3,077
91	79	10 876	475,210	1 567,314	3,298	2,834
92	80	8 389	354,151	1 092,104	3,084	2,620
93	81	6 258	255,253	737,953	2,891	2,427
94	82	4 523	178,270	482,700	2,708	2,244
95	83	3 121	118,834	304,431	2,562	2,098
96	84	2 099	77,224	185,597	2,403	1,939
97	85	1 346	47,840	108,373	2,265	1,801
98	86	822	28,236	60,533	2,144	1,680
99	87	478	15,868	32,297	2,035	1,571
100	88	264	8,479	16,429	1,938	1,474

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	63 626,940	1 645 196,840	25,857	25,393
14	1	99 195	61 281,092	1 581 569,901	25,808	25,344
15	2	99 160	59 187,954	1 520 288,809	25,686	25,222
16	3	99 134	57 171,025	1 461 100,855	25,557	25,093
17	4	99 096	55 216,899	1 403 929,830	25,426	24,962
18	5	99 058	53 329,169	1 348 712,931	25,290	24,826
19	6	99 013	51 502,152	1 295 383,762	25,152	24,688
20	7	98 965	49 736,481	1 243 881,610	25,009	24,545
21	8	98 916	48 030,543	1 194 145,129	24,862	24,398
22	9	98 865	46 382,697	1 146 114,586	24,710	24,246
23	10	98 814	44 791,090	1 099 731,889	24,552	24,088
24	11	98 763	43 253,979	1 054 940,800	24,389	23,925
25	12	98 708	41 767,971	1 011 686,821	24,222	23,758
26	13	98 653	40 332,919	969 918,850	24,048	23,584
27	14	98 597	38 947,201	929 585,931	23,868	23,404
28	15	98 535	37 606,342	890 638,730	23,683	23,219
29	16	98 472	36 311,371	853 032,388	23,492	23,028
30	17	98 402	35 058,414	816 721,017	23,296	22,832
31	18	98 331	33 848,393	781 662,602	23,093	22,629
32	19	98 243	32 674,594	747 814,210	22,887	22,423
33	20	98 155	31 541,451	715 139,615	22,673	22,209
34	21	98 067	30 447,554	683 598,164	22,452	21,988
35	22	97 972	29 389,371	653 150,610	22,224	21,760
36	23	97 868	28 365,410	623 761,239	21,990	21,526
37	24	97 760	27 375,935	595 395,829	21,749	21,285
38	25	97 652	26 420,914	568 019,894	21,499	21,035
39	26	97 531	25 495,908	541 598,979	21,243	20,779
40	27	97 406	24 602,055	516 103,072	20,978	20,514
41	28	97 262	23 735,043	491 501,017	20,708	20,244
42	29	97 109	22 896,323	467 765,974	20,430	19,966
43	30	96 939	22 083,373	444 869,650	20,145	19,681
44	31	96 752	21 295,325	422 786,278	19,853	19,389
45	32	96 547	20 531,693	401 490,953	19,555	19,091
46	33	96 317	19 789,961	380 959,260	19,250	18,786
47	34	96 072	19 072,168	361 169,298	18,937	18,473
48	35	95 796	18 374,221	342 097,130	18,618	18,154
49	36	95 490	17 696,307	323 722,910	18,293	17,829
50	37	95 145	17 036,085	306 026,603	17,963	17,499
51	38	94 767	16 394,535	288 990,517	17,627	17,163
52	39	94 346	15 769,731	272 595,982	17,286	16,822
53	40	93 872	15 159,992	256 826,252	16,941	16,477
54	41	93 341	14 564,408	241 666,259	16,593	16,129
55	42	92 750	13 982,778	227 101,851	16,242	15,778
56	43	92 103	13 415,725	213 119,073	15,886	15,422
57	44	91 392	12 861,932	199 703,348	15,527	15,063
58	45	90 610	12 320,703	186 841,416	15,165	14,701
59	46	89 745	11 790,460	174 520,713	14,802	14,338
60	47	88 802	11 272,039	162 730,253	14,437	13,973
61	48	87 784	10 766,048	151 458,214	14,068	13,604
62	49	86 681	10 271,224	140 692,166	13,698	13,234
63	50	85 475	9 785,785	130 420,943	13,328	12,864
64	51	84 191	9 312,919	120 635,158	12,954	12,490
65	52	82 806	8 849,936	111 322,238	12,579	12,115
66	53	81 334	8 398,593	102 472,302	12,201	11,737
67	54	79 785	7 960,129	94 073,709	11,818	11,354
68	55	78 117	7 530,132	86 113,581	11,436	10,972
69	56	76 402	7 115,759	78 583,449	11,044	10,580
70	57	74 555	6 708,895	71 467,689	10,653	10,189
71	58	72 593	6 311,501	64 758,794	10,260	9,796
72	59	70 510	5 923,090	58 447,294	9,868	9,404
73	60	68 335	5 546,230	52 524,204	9,470	9,006
74	61	66 043	5 178,974	46 977,974	9,071	8,607
75	62	63 643	4 821,994	41 799,000	8,668	8,204
76	63	61 104	4 473,030	36 977,007	8,267	7,803
77	64	58 417	4 131,702	32 503,977	7,867	7,403
78	65	55 598	3 799,403	28 372,274	7,468	7,004
79	66	52 603	3 473,116	24 572,872	7,075	6,611
80	67	49 417	3 152,461	21 099,755	6,693	6,229
81	68	46 071	2 839,616	17 947,294	6,320	5,856
82	69	42 566	2 534,890	15 107,678	5,960	5,496
83	70	38 944	2 240,724	12 572,788	5,611	5,147
84	71	35 207	1 957,218	10 332,064	5,279	4,815
85	72	31 424	1 687,866	8 374,846	4,962	4,498
86	73	27 642	1 434,483	6 686,980	4,662	4,198
87	74	23 948	1 200,745	5 252,497	4,374	3,910
88	75	20 408	988,645	4 051,752	4,098	3,634
89	76	17 065	798,760	3 063,107	3,835	3,371
90	77	13 981	632,275	2 264,347	3,581	3,117
91	78	11 190	488,949	1 632,072	3,338	2,874
92	79	8 674	366,208	1 143,123	3,122	2,657
93	80	6 508	265,448	776,915	2,927	2,463
94	81	4 732	186,487	511,467	2,743	2,279
95	82	3 286	125,133	324,980	2,597	2,133
96	83	2 228	81,986	199,847	2,438	1,974
97	84	1 443	51,288	117,861	2,298	1,834
98	85	891	30,598	66,573	2,176	1,712
99	86	525	17,416	35,975	2,066	1,602
100	87	294	9,433	18,558	1,967	1,503

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	61 469,425	1 582 803,157	25,749	25,285
15	1	99 183	59 201,633	1 521 333,732	25,697	25,233
16	2	99 146	57 177,834	1 462 132,099	25,572	25,108
17	3	99 108	55 223,478	1 404 954,265	25,441	24,977
18	4	99 067	53 334,018	1 349 730,787	25,307	24,843
19	5	99 020	51 506,014	1 296 396,769	25,170	24,706
20	6	98 972	49 739,755	1 244 890,754	25,028	24,564
21	7	98 920	48 032,911	1 195 150,999	24,882	24,418
22	8	98 871	46 385,569	1 147 118,088	24,730	24,266
23	9	98 821	44 793,988	1 100 732,520	24,573	24,109
24	10	98 769	43 256,542	1 055 938,532	24,411	23,947
25	11	98 715	41 771,082	1 012 681,990	24,244	23,780
26	12	98 660	40 336,111	970 910,908	24,071	23,606
27	13	98 606	38 950,540	930 574,797	23,891	23,427
28	14	98 545	37 610,289	891 624,257	23,707	23,243
29	15	98 484	36 315,914	854 013,968	23,516	23,052
30	16	98 416	35 063,362	817 698,054	23,321	22,857
31	17	98 345	33 853,349	782 634,692	23,118	22,654
32	18	98 263	32 681,250	748 781,343	22,912	22,448
33	19	98 174	31 547,541	716 100,093	22,699	22,235
34	20	98 085	30 453,193	684 552,552	22,479	22,015
35	21	97 988	29 394,237	654 099,359	22,253	21,789
36	22	97 885	28 370,319	624 705,122	22,020	21,556
37	23	97 781	27 381,876	596 334,802	21,778	21,314
38	24	97 669	26 425,395	568 952,926	21,531	21,067
39	25	97 550	25 500,663	542 527,531	21,275	20,811
40	26	97 425	24 606,842	517 026,868	21,012	20,547
41	27	97 284	23 740,229	492 420,026	20,742	20,278
42	28	97 133	22 902,035	468 679,797	20,465	20,001
43	29	96 965	22 089,089	445 777,762	20,181	19,717
44	30	96 781	21 301,650	423 688,673	19,890	19,426
45	31	96 578	20 538,249	402 387,023	19,592	19,128
46	32	96 350	19 796,832	381 848,774	19,288	18,824
47	33	96 106	19 078,961	362 051,942	18,977	18,512
48	34	95 833	18 381,410	342 972,981	18,659	18,195
49	35	95 529	17 703,432	324 591,571	18,335	17,871
50	36	95 190	17 044,076	306 888,139	18,006	17,542
51	37	94 811	16 402,084	289 844,063	17,671	17,207
52	38	94 401	15 778,972	273 441,979	17,330	16,865
53	39	93 928	15 169,029	257 663,007	16,986	16,522
54	40	93 404	14 574,300	242 493,978	16,638	16,174
55	41	92 821	13 993,453	227 919,679	16,288	15,824
56	42	92 179	13 426,867	213 926,226	15,933	15,469
57	43	91 474	12 873,517	200 499,359	15,575	15,111
58	44	90 702	12 333,283	187 625,842	15,213	14,749
59	45	89 845	11 803,585	175 292,558	14,851	14,387
60	46	88 915	11 286,370	163 488,974	14,486	14,021
61	47	87 910	10 781,504	152 202,604	14,117	13,653
62	48	86 820	10 287,680	141 421,100	13,747	13,283
63	49	85 630	9 803,543	131 133,420	13,376	12,912
64	50	84 358	9 331,308	121 329,877	13,002	12,538
65	51	82 990	8 869,527	111 998,569	12,627	12,163
66	52	81 534	8 419,265	103 129,042	12,249	11,785
67	53	80 004	7 981,944	94 709,777	11,866	11,401
68	54	78 353	7 552,863	86 727,832	11,483	11,019
69	55	76 656	7 139,415	79 174,969	11,090	10,626
70	56	74 826	6 733,262	72 035,554	10,698	10,234
71	57	72 884	6 336,799	65 302,292	10,305	9,841
72	58	70 823	5 949,330	58 965,493	9,911	9,447
73	59	68 667	5 573,148	53 016,164	9,513	9,049
74	60	66 401	5 207,045	47 443,016	9,111	8,647
75	61	64 001	4 849,125	42 235,970	8,710	8,246
76	62	61 477	4 500,377	37 386,845	8,307	7,843
77	63	58 804	4 159,087	32 886,468	7,907	7,443
78	64	56 007	3 827,294	28 727,381	7,506	7,042
79	65	53 027	3 501,168	24 900,087	7,112	6,648
80	66	49 853	3 180,242	21 398,919	6,729	6,265
81	67	46 522	2 867,414	18 218,677	6,354	5,890
82	68	43 006	2 561,050	15 351,263	5,994	5,530
83	69	39 384	2 266,041	12 790,213	5,644	5,180
84	70	35 641	1 981,358	10 524,172	5,312	4,848
85	71	31 851	1 710,773	8 542,813	4,994	4,530
86	72	28 046	1 455,455	6 832,040	4,694	4,230
87	73	24 324	1 219,628	5 376,585	4,408	3,944
88	74	20 763	1 005,854	4 156,957	4,133	3,669
89	75	17 397	814,286	3 151,104	3,870	3,406
90	76	14 293	646,383	2 336,817	3,615	3,151
91	77	11 471	501,205	1 690,434	3,373	2,909
92	78	8 925	376,796	1 189,229	3,156	2,692
93	79	6 729	274,485	812,434	2,960	2,496
94	80	4 921	193,935	537,948	2,774	2,310
95	81	3 438	130,901	344,013	2,628	2,164
96	82	2 347	86,332	213,112	2,469	2,004
97	83	1 532	54,451	126,780	2,328	1,864
98	84	955	32,804	72,329	2,205	1,741
99	85	569	18,874	39,526	2,094	1,630
100	86	323	10,354	20,652	1,995	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	59 383,576	1 522 473,551	25,638	25,174
16	1	99 168	57 191,048	1 463 089,975	25,582	25,118
17	2	99 120	55 230,055	1 405 898,927	25,455	24,991
18	3	99 079	53 340,373	1 350 668,872	25,322	24,858
19	4	99 029	51 510,698	1 297 328,499	25,186	24,722
20	5	98 979	49 743,486	1 245 817,801	25,045	24,581
21	6	98 927	48 036,073	1 196 074,315	24,900	24,435
22	7	98 876	46 387,855	1 148 038,242	24,749	24,285
23	8	98 827	44 796,761	1 101 650,387	24,592	24,128
24	9	98 775	43 259,341	1 056 853,625	24,431	23,967
25	10	98 721	41 773,557	1 013 594,284	24,264	23,800
26	11	98 668	40 339,115	971 820,727	24,091	23,627
27	12	98 614	38 953,622	931 481,612	23,913	23,449
28	13	98 554	37 613,513	892 527,990	23,729	23,265
29	14	98 495	36 319,726	854 914,477	23,539	23,075
30	15	98 428	35 067,749	818 594,751	23,343	22,879
31	16	98 359	33 858,127	783 527,002	23,141	22,677
32	17	98 277	32 686,035	749 668,876	22,935	22,471
33	18	98 194	31 553,967	716 982,840	22,722	22,258
34	19	98 104	30 459,073	685 428,874	22,503	22,039
35	20	98 006	29 399,681	654 969,801	22,278	21,814
36	21	97 901	28 375,017	625 570,120	22,047	21,582
37	22	97 798	27 386,616	597 195,103	21,806	21,342
38	23	97 690	26 431,131	569 808,487	21,558	21,094
39	24	97 566	25 504,987	543 377,357	21,305	20,841
40	25	97 443	24 611,431	517 872,369	21,042	20,578
41	26	97 302	23 744,849	493 260,938	20,773	20,309
42	27	97 155	22 907,038	469 516,089	20,497	20,033
43	28	96 989	22 094,599	446 609,050	20,213	19,749
44	29	96 806	21 307,164	424 514,451	19,924	19,460
45	30	96 607	20 544,349	403 207,287	19,626	19,162
46	31	96 381	19 803,153	382 662,938	19,323	18,859
47	32	96 140	19 085,584	362 859,785	19,012	18,548
48	33	95 867	18 387,957	343 774,201	18,696	18,232
49	34	95 566	17 710,359	325 386,244	18,373	17,909
50	35	95 228	17 050,939	307 675,884	18,045	17,580
51	36	94 855	16 409,777	290 624,946	17,710	17,246
52	37	94 445	15 786,237	274 215,168	17,371	16,906
53	38	93 983	15 177,918	258 428,931	17,027	16,563
54	39	93 460	14 582,987	243 251,013	16,680	16,216
55	40	92 884	14 002,957	228 668,027	16,330	15,866
56	41	92 250	13 437,118	214 665,070	15,976	15,512
57	42	91 550	12 884,209	201 227,952	15,618	15,154
58	43	90 784	12 344,392	188 343,743	15,257	14,793
59	44	89 937	11 815,637	175 999,351	14,895	14,431
60	45	89 014	11 298,934	164 183,714	14,531	14,067
61	46	88 022	10 795,211	152 884,780	14,162	13,698
62	47	86 945	10 302,449	142 089,569	13,792	13,328
63	48	85 767	9 819,250	131 787,121	13,421	12,957
64	49	84 511	9 348,242	121 967,871	13,047	12,583
65	50	83 153	8 887,040	112 619,628	12,672	12,208
66	51	81 714	8 437,903	103 732,588	12,294	11,830
67	52	80 201	8 001,591	95 294,686	11,909	11,445
68	53	78 568	7 573,563	87 293,095	11,526	11,062
69	54	76 888	7 160,967	79 719,532	11,133	10,668
70	55	75 074	6 755,646	72 558,565	10,740	10,276
71	56	73 149	6 359,814	65 802,919	10,347	9,883
72	57	71 107	5 973,176	59 443,105	9,952	9,488
73	58	68 971	5 597,838	53 469,929	9,552	9,088
74	59	66 724	5 232,317	47 872,091	9,149	8,685
75	60	64 348	4 875,408	42 639,774	8,746	8,282
76	61	61 823	4 525,699	37 764,365	8,344	7,880
77	62	59 163	4 184,515	33 238,667	7,943	7,479
78	63	56 378	3 852,661	29 054,151	7,541	7,077
79	64	53 417	3 526,870	25 201,490	7,146	6,682
80	65	50 255	3 205,928	21 674,621	6,761	6,297
81	66	46 932	2 892,683	18 468,692	6,385	5,921
82	67	43 427	2 586,121	15 576,009	6,023	5,559
83	68	39 790	2 289,427	12 989,888	5,674	5,210
84	69	36 044	2 003,745	10 700,461	5,340	4,876
85	70	32 244	1 731,874	8 696,716	5,022	4,558
86	71	28 427	1 475,208	6 964,843	4,721	4,257
87	72	24 680	1 237,459	5 489,634	4,436	3,972
88	73	21 089	1 021,672	4 252,175	4,162	3,698
89	74	17 700	828,460	3 230,503	3,899	3,435
90	75	14 571	658,947	2 402,043	3,645	3,181
91	76	11 727	512,388	1 743,096	3,402	2,938
92	77	9 149	386,240	1 230,708	3,186	2,722
93	78	6 924	282,422	844,468	2,990	2,526
94	79	5 088	200,538	562,046	2,803	2,339
95	80	3 575	136,129	361,508	2,656	2,192
96	81	2 455	90,311	225,379	2,496	2,032
97	82	1 613	57,337	135,068	2,356	1,892
98	83	1 014	34,826	77,731	2,232	1,768
99	84	610	20,234	42,904	2,120	1,656
100	85	350	11,220	22,670	2,021	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	57 366,812	1 464 143,818	25,522	25,058
17	1	99 143	55 242,819	1 406 777,005	25,465	25,001
18	2	99 091	53 346,726	1 351 534,186	25,335	24,871
19	3	99 041	51 516,836	1 298 187,461	25,199	24,735
20	4	98 988	49 748,009	1 246 670,625	25,060	24,596
21	5	98 934	48 039,676	1 196 922,615	24,915	24,451
22	6	98 883	46 390,909	1 148 882,940	24,765	24,301
23	7	98 832	44 798,970	1 102 492,031	24,610	24,146
24	8	98 781	43 262,020	1 057 693,061	24,449	23,985
25	9	98 728	41 776,260	1 014 431,041	24,282	23,818
26	10	98 674	40 341,506	972 654,781	24,111	23,646
27	11	98 621	38 956,523	932 313,275	23,932	23,468
28	12	98 562	37 616,489	893 356,752	23,749	23,285
29	13	98 503	36 322,839	855 740,263	23,559	23,095
30	14	98 438	35 071,429	819 417,424	23,364	22,900
31	15	98 371	33 862,363	784 345,995	23,163	22,699
32	16	98 291	32 690,648	750 483,631	22,957	22,493
33	17	98 209	31 558,587	717 792,983	22,745	22,281
34	18	98 124	30 465,277	686 234,396	22,525	22,061
35	19	98 025	29 405,357	655 769,119	22,301	21,837
36	20	97 919	28 380,272	626 363,762	22,070	21,606
37	21	97 814	27 391,150	597 983,490	21,831	21,367
38	22	97 707	26 435,705	570 592,340	21,584	21,120
39	23	97 587	25 510,523	544 156,634	21,331	20,867
40	24	97 460	24 615,605	518 646,112	21,070	20,606
41	25	97 321	23 749,277	494 030,506	20,802	20,338
42	26	97 174	22 911,496	470 281,229	20,526	20,062
43	27	97 010	22 099,426	447 369,733	20,243	19,779
44	28	96 830	21 312,479	425 270,306	19,954	19,490
45	29	96 632	20 549,667	403 957,827	19,658	19,194
46	30	96 409	19 809,035	383 408,160	19,355	18,891
47	31	96 170	19 091,678	363 599,125	19,045	18,581
48	32	95 901	18 394,341	344 507,447	18,729	18,265
49	33	95 600	17 716,667	326 113,106	18,407	17,943
50	34	95 266	17 057,610	308 396,439	18,080	17,616
51	35	94 893	16 416,385	291 338,828	17,747	17,283
52	36	94 489	15 793,642	274 922,444	17,407	16,943
53	37	94 027	15 184,906	259 128,802	17,065	16,601
54	38	93 515	14 591,532	243 943,896	16,718	16,254
55	39	92 939	14 011,303	229 352,363	16,369	15,905
56	40	92 313	13 446,244	215 341,060	16,015	15,551
57	41	91 620	12 894,045	201 894,816	15,658	15,194
58	42	90 860	12 354,644	189 000,771	15,298	14,834
59	43	90 018	11 826,280	176 646,127	14,937	14,473
60	44	89 105	11 310,471	164 819,847	14,572	14,108
61	45	88 120	10 807,228	153 509,376	14,204	13,740
62	46	87 055	10 315,547	142 702,148	13,834	13,370
63	47	85 890	9 833,347	132 386,601	13,463	12,999
64	48	84 646	9 363,219	122 553,255	13,089	12,625
65	49	83 304	8 903,168	113 190,035	12,713	12,249
66	50	81 876	8 454,564	104 286,868	12,335	11,871
67	51	80 379	8 019,304	95 832,304	11,950	11,486
68	52	78 761	7 592,204	87 813,000	11,566	11,102
69	53	77 098	7 180,593	80 220,796	11,172	10,708
70	54	75 301	6 776,039	73 040,204	10,779	10,315
71	55	73 392	6 380,957	66 264,164	10,385	9,921
72	56	71 365	5 994,871	59 883,208	9,989	9,525
73	57	69 247	5 620,275	53 888,337	9,588	9,124
74	58	67 019	5 255,497	48 268,061	9,184	8,720
75	59	64 661	4 899,071	43 012,564	8,780	8,316
76	60	62 158	4 550,229	38 113,493	8,376	7,912
77	61	59 496	4 208,060	33 563,264	7,976	7,512
78	62	56 722	3 876,215	29 355,204	7,573	7,109
79	63	53 771	3 550,246	25 478,989	7,177	6,713
80	64	50 624	3 229,463	21 928,743	6,790	6,326
81	65	47 311	2 916,047	18 699,280	6,413	5,949
82	66	43 809	2 608,911	15 783,233	6,050	5,586
83	67	40 180	2 311,839	13 174,322	5,699	5,235
84	68	36 416	2 024,424	10 862,483	5,366	4,902
85	69	32 608	1 751,441	8 838,060	5,046	4,582
86	70	28 777	1 493,403	7 086,619	4,745	4,281
87	71	25 015	1 254,254	5 593,215	4,459	3,995
88	72	21 398	1 036,609	4 338,961	4,186	3,722
89	73	17 978	841,489	3 302,353	3,924	3,460
90	74	14 824	670,417	2 460,864	3,671	3,207
91	75	11 955	522,348	1 790,447	3,428	2,964
92	76	9 353	394,858	1 268,099	3,212	2,748
93	77	7 097	289,500	873,240	3,016	2,552
94	78	5 236	206,336	583,740	2,829	2,365
95	79	3 697	140,764	377,404	2,681	2,217
96	80	2 553	93,918	236,640	2,520	2,056
97	81	1 687	59,980	142,722	2,379	1,915
98	82	1 068	36,672	82,742	2,256	1,792
99	83	647	21,482	46,070	2,145	1,681
100	84	375	12,029	24,588	2,044	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	55 412,596	1 407 751,684	25,405	24,941
18	1	99 114	53 359,055	1 352 339,088	25,344	24,880
19	2	99 053	51 522,971	1 298 980,034	25,212	24,748
20	3	99 000	49 753,937	1 247 457,062	25,073	24,609
21	4	98 943	48 044,044	1 197 703,126	24,929	24,465
22	5	98 890	46 394,389	1 149 659,081	24,780	24,316
23	6	98 838	44 801,919	1 103 264,693	24,625	24,161
24	7	98 786	43 264,152	1 058 462,774	24,465	24,001
25	8	98 734	41 778,847	1 015 198,621	24,299	23,835
26	9	98 680	40 344,116	973 419,774	24,128	23,664
27	10	98 627	38 958,832	933 075,658	23,950	23,486
28	11	98 569	37 619,291	894 116,826	23,768	23,303
29	12	98 511	36 325,713	856 497,536	23,578	23,114
30	13	98 447	35 074,436	820 171,822	23,384	22,920
31	14	98 382	33 865,917	785 097,387	23,183	22,718
32	15	98 304	32 694,738	751 231,470	22,977	22,513
33	16	98 222	31 563,041	718 536,732	22,765	22,301
34	17	98 139	30 469,738	686 973,691	22,546	22,082
35	18	98 045	29 411,347	656 503,953	22,321	21,857
36	19	97 938	28 385,751	627 092,606	22,092	21,628
37	20	97 833	27 396,223	598 706,855	21,854	21,390
38	21	97 723	26 440,082	571 310,631	21,608	21,144
39	22	97 604	25 514,938	544 870,549	21,355	20,891
40	23	97 481	24 620,948	519 355,611	21,094	20,630
41	24	97 337	23 753,305	494 734,663	20,828	20,364
42	25	97 192	22 915,769	470 981,358	20,553	20,089
43	26	97 029	22 103,727	448 065,589	20,271	19,807
44	27	96 851	21 317,135	425 961,862	19,982	19,518
45	28	96 656	20 554,793	404 644,726	19,686	19,222
46	29	96 434	19 814,162	384 089,933	19,385	18,921
47	30	96 199	19 097,349	364 275,770	19,075	18,611
48	31	95 931	18 400,214	345 178,421	18,759	18,295
49	32	95 633	17 722,818	326 778,207	18,438	17,974
50	33	95 299	17 063,686	309 055,390	18,112	17,648
51	34	94 930	16 422,808	291 991,704	17,780	17,316
52	35	94 527	15 800,001	275 568,896	17,441	16,977
53	36	94 071	15 192,029	259 768,895	17,099	16,635
54	37	93 558	14 598,251	244 576,866	16,754	16,290
55	38	92 993	14 019,514	229 978,615	16,404	15,940
56	39	92 368	13 454,258	215 959,101	16,051	15,587
57	40	91 682	12 902,802	202 504,843	15,695	15,231
58	41	90 929	12 364,077	189 602,040	15,335	14,871
59	42	90 093	11 836,102	177 237,964	14,974	14,510
60	43	89 185	11 320,659	165 401,862	14,611	14,147
61	44	88 210	10 818,263	154 081,203	14,243	13,779
62	45	87 152	10 327,030	143 262,940	13,873	13,409
63	46	85 999	9 845,848	132 935,910	13,502	13,038
64	47	84 768	9 376,661	123 090,062	13,127	12,663
65	48	83 438	8 917,432	113 713,401	12,752	12,288
66	49	82 024	8 469,907	104 795,969	12,373	11,909
67	50	80 537	8 035,138	96 326,063	11,988	11,524
68	51	78 935	7 609,011	88 290,925	11,603	11,139
69	52	77 288	7 198,266	80 681,914	11,209	10,744
70	53	75 507	6 794,610	73 483,648	10,815	10,351
71	54	73 614	6 400,219	66 689,038	10,420	9,956
72	55	71 602	6 014,800	60 288,818	10,023	9,559
73	56	69 499	5 640,688	54 274,018	9,622	9,158
74	57	67 288	5 276,563	48 633,330	9,217	8,753
75	58	64 947	4 920,774	43 356,767	8,811	8,347
76	59	62 460	4 572,313	38 435,993	8,406	7,942
77	60	59 819	4 230,868	33 863,679	8,004	7,540
78	61	57 042	3 898,025	29 632,811	7,602	7,138
79	62	54 099	3 571,952	25 734,786	7,205	6,741
80	63	50 960	3 250,868	22 162,834	6,818	6,353
81	64	47 658	2 937,453	18 911,966	6,438	5,974
82	65	44 163	2 629,983	15 974,513	6,074	5,610
83	66	40 534	2 332,212	13 344,530	5,722	5,258
84	67	36 772	2 044,241	11 012,319	5,387	4,923
85	68	32 945	1 769,516	8 968,077	5,068	4,604
86	69	29 102	1 510,277	7 198,561	4,766	4,302
87	70	25 323	1 269,723	5 688,284	4,480	4,016
88	71	21 688	1 050,678	4 418,561	4,205	3,741
89	72	18 241	853,791	3 367,883	3,945	3,481
90	73	15 058	680,960	2 514,092	3,692	3,228
91	74	12 163	531,440	1 833,132	3,449	2,985
92	75	9 535	402,534	1 301,692	3,234	2,770
93	76	7 256	295,960	899,158	3,038	2,574
94	77	5 367	211,508	603,198	2,852	2,388
95	78	3 804	144,834	391,690	2,704	2,240
96	79	2 640	97,116	246,857	2,542	2,078
97	80	1 755	62,376	149,741	2,401	1,937
98	81	1 117	38,363	87,365	2,277	1,813
99	82	682	22,621	49,002	2,166	1,702
100	83	398	12,770	26,382	2,066	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	53 523,042	1 353 240,845	25,283	24,819
19	1	99 076	51 534,879	1 299 717,804	25,220	24,756
20	2	99 012	49 759,862	1 248 182,925	25,084	24,620
21	3	98 955	48 049,769	1 198 423,063	24,941	24,477
22	4	98 899	46 398,608	1 150 373,294	24,793	24,329
23	5	98 846	44 805,279	1 103 974,687	24,639	24,175
24	6	98 793	43 267,000	1 059 169,407	24,480	24,016
25	7	98 739	41 780,907	1 015 902,407	24,315	23,851
26	8	98 686	40 346,614	974 121,500	24,144	23,680
27	9	98 633	38 961,353	933 774,886	23,967	23,503
28	10	98 575	37 621,520	894 813,533	23,785	23,321
29	11	98 518	36 328,419	857 192,013	23,596	23,132
30	12	98 454	35 077,211	820 863,594	23,402	22,938
31	13	98 390	33 868,820	785 786,383	23,201	22,737
32	14	98 314	32 698,170	751 917,563	22,996	22,532
33	15	98 235	31 566,990	719 219,394	22,784	22,320
34	16	98 153	30 474,038	687 652,404	22,565	22,101
35	17	98 060	29 415,654	657 178,366	22,341	21,877
36	18	97 958	28 391,533	627 762,712	22,111	21,647
37	19	97 851	27 401,512	599 371,179	21,874	21,410
38	20	97 741	26 444,979	571 969,667	21,629	21,165
39	21	97 620	25 519,163	545 524,688	21,377	20,913
40	22	97 498	24 625,209	520 005,525	21,117	20,653
41	23	97 358	23 758,460	495 380,315	20,851	20,387
42	24	97 208	22 919,656	471 621,855	20,577	20,113
43	25	97 047	22 107,849	448 702,199	20,296	19,832
44	26	96 870	21 321,284	426 594,350	20,008	19,544
45	27	96 677	20 559,284	405 273,066	19,712	19,248
46	28	96 458	19 819,105	384 713,782	19,411	18,947
47	29	96 224	19 102,292	364 894,677	19,102	18,638
48	30	95 960	18 405,679	345 792,384	18,787	18,323
49	31	95 664	17 728,477	327 386,705	18,467	18,003
50	32	95 333	17 069,610	309 658,229	18,141	17,677
51	33	94 964	16 428,657	292 588,619	17,810	17,346
52	34	94 564	15 806,183	276 159,961	17,472	17,008
53	35	94 109	15 198,146	260 353,778	17,131	16,667
54	36	93 602	14 605,098	245 155,632	16,786	16,322
55	37	93 036	14 025,969	230 550,534	16,437	15,973
56	38	92 422	13 462,143	216 524,565	16,084	15,620
57	39	91 737	12 910,493	203 062,422	15,728	15,264
58	40	90 991	12 372,474	190 151,929	15,369	14,905
59	41	90 161	11 845,138	177 779,455	15,009	14,545
60	42	89 259	11 330,061	165 934,318	14,645	14,181
61	43	88 290	10 828,007	154 604,257	14,278	13,814
62	44	87 241	10 337,575	143 776,250	13,908	13,444
63	45	86 095	9 856,809	133 438,675	13,538	13,074
64	46	84 876	9 388,582	123 581,867	13,163	12,699
65	47	83 558	8 930,234	114 193,284	12,787	12,323
66	48	82 156	8 483,477	105 263,051	12,408	11,944
67	49	80 683	8 049,720	96 779,574	12,023	11,559
68	50	79 091	7 624,035	88 729,854	11,638	11,174
69	51	77 459	7 214,201	81 105,819	11,243	10,778
70	52	75 693	6 811,334	73 891,618	10,848	10,384
71	53	73 816	6 417,760	67 080,284	10,452	9,988
72	54	71 818	6 032,957	60 662,525	10,055	9,591
73	55	69 730	5 659,440	54 629,567	9,653	9,189
74	56	67 532	5 295,727	48 970,127	9,247	8,783
75	57	65 207	4 940,498	43 674,400	8,840	8,376
76	58	62 737	4 592,569	38 733,902	8,434	7,970
77	59	60 109	4 251,403	34 141,332	8,031	7,567
78	60	57 351	3 919,154	29 889,930	7,627	7,163
79	61	54 404	3 592,049	25 970,776	7,230	6,766
80	62	51 271	3 270,743	22 378,727	6,842	6,378
81	63	47 974	2 956,923	19 107,984	6,462	5,998
82	64	44 488	2 649,289	16 151,061	6,096	5,632
83	65	40 861	2 351,049	13 501,772	5,743	5,279
84	66	37 096	2 062,256	11 150,723	5,407	4,943
85	67	33 267	1 786,839	9 088,467	5,086	4,622
86	68	29 403	1 525,863	7 301,629	4,785	4,321
87	69	25 609	1 284,069	5 775,766	4,498	4,034
88	70	21 956	1 063,637	4 491,696	4,223	3,759
89	71	18 488	865,379	3 428,060	3,961	3,497
90	72	15 278	690,916	2 562,681	3,709	3,245
91	73	12 354	539,798	1 871,765	3,468	3,004
92	74	9 701	409,540	1 331,967	3,252	2,788
93	75	7 397	301,713	922,427	3,057	2,593
94	76	5 487	216,227	620,714	2,871	2,407
95	77	3 899	148,464	404,487	2,724	2,260
96	78	2 716	99,924	256,023	2,562	2,098
97	79	1 815	64,499	156,099	2,420	1,956
98	80	1 162	39,895	91,600	2,296	1,832
99	81	713	23,663	51,705	2,185	1,721
100	82	419	13,447	28,042	2,085	1,621

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	51 693,260	1 300 552,342	25,159	24,695
20	1	99 035	49 771,362	1 248 859,083	25,092	24,628
21	2	98 967	48 055,491	1 199 087,721	24,952	24,488
22	3	98 911	46 404,136	1 151 032,229	24,805	24,340
23	4	98 855	44 809,354	1 104 628,093	24,652	24,188
24	5	98 800	43 270,245	1 059 818,740	24,493	24,029
25	6	98 745	41 783,657	1 016 548,494	24,329	23,865
26	7	98 691	40 348,603	974 764,837	24,159	23,695
27	8	98 639	38 963,765	934 416,234	23,982	23,518
28	9	98 581	37 623,955	895 452,469	23,800	23,336
29	10	98 524	36 330,572	857 828,514	23,612	23,148
30	11	98 462	35 079,824	821 497,942	23,418	22,954
31	12	98 398	33 871,500	786 418,119	23,218	22,754
32	13	98 322	32 700,973	752 546,619	23,013	22,549
33	14	98 245	31 570,303	719 845,646	22,801	22,337
34	15	98 165	30 477,851	688 275,343	22,583	22,119
35	16	98 074	29 419,805	657 797,493	22,359	21,895
36	17	97 973	28 395,691	628 377,688	22,129	21,665
37	18	97 871	27 407,094	599 981,997	21,891	21,427
38	19	97 760	26 450,085	572 574,903	21,647	21,183
39	20	97 638	25 523,889	546 124,819	21,397	20,933
40	21	97 514	24 629,287	520 600,929	21,137	20,673
41	22	97 375	23 762,572	495 971,643	20,872	20,408
42	23	97 229	22 924,630	472 209,070	20,598	20,134
43	24	97 063	22 111,599	449 284,440	20,319	19,855
44	25	96 888	21 325,260	427 172,842	20,031	19,567
45	26	96 696	20 563,285	405 847,581	19,737	19,272
46	27	96 479	19 823,435	385 284,296	19,436	18,972
47	28	96 248	19 107,058	365 460,861	19,127	18,663
48	29	95 984	18 410,444	346 353,803	18,813	18,349
49	30	95 692	17 733,742	327 943,360	18,493	18,029
50	31	95 363	17 075,060	310 209,617	18,167	17,703
51	32	94 997	16 434,361	293 134,557	17,837	17,373
52	33	94 598	15 811,813	276 700,197	17,500	17,036
53	34	94 145	15 204,092	260 888,384	17,159	16,695
54	35	93 639	14 610,979	245 684,291	16,815	16,351
55	36	93 080	14 032,548	231 073,312	16,467	16,003
56	37	92 464	13 468,341	217 040,764	16,115	15,651
57	38	91 790	12 918,059	203 572,423	15,759	15,295
58	39	91 045	12 379,848	190 654,364	15,400	14,936
59	40	90 223	11 853,183	178 274,516	15,040	14,576
60	41	89 327	11 338,710	166 421,333	14,677	14,213
61	42	88 363	10 837,000	155 082,623	14,310	13,846
62	43	87 320	10 346,886	144 245,623	13,941	13,477
63	44	86 183	9 866,873	133 898,737	13,571	13,107
64	45	84 970	9 399,033	124 031,863	13,196	12,732
65	46	83 664	8 941,587	114 632,830	12,820	12,356
66	47	82 274	8 495,655	105 691,243	12,441	11,977
67	48	80 813	8 062,617	97 195,588	12,055	11,591
68	49	79 235	7 637,871	89 132,971	11,670	11,206
69	50	77 612	7 228,446	81 495,100	11,274	10,810
70	51	75 861	6 826,412	74 266,654	10,879	10,415
71	52	73 997	6 433,556	67 440,243	10,483	10,019
72	53	72 015	6 049,492	61 006,686	10,085	9,621
73	54	69 940	5 676,525	54 957,195	9,681	9,217
74	55	67 757	5 313,332	49 280,670	9,275	8,811
75	56	65 444	4 958,442	43 967,338	8,867	8,403
76	57	62 988	4 610,977	39 008,896	8,460	7,996
77	58	60 375	4 270,237	34 397,918	8,055	7,591
78	59	57 629	3 938,175	30 127,681	7,650	7,186
79	60	54 699	3 611,519	26 189,507	7,252	6,788
80	61	51 560	3 289,146	22 577,987	6,864	6,400
81	62	48 268	2 975,001	19 288,841	6,484	6,020
82	63	44 782	2 666,849	16 313,841	6,117	5,653
83	64	41 161	2 368,307	13 646,992	5,762	5,298
84	65	37 396	2 078,913	11 278,684	5,425	4,961
85	66	33 560	1 802,585	9 199,772	5,104	4,640
86	67	29 690	1 540,800	7 397,187	4,801	4,337
87	68	25 874	1 297,321	5 856,387	4,514	4,050
88	69	22 204	1 075,654	4 559,066	4,238	3,774
89	70	18 716	876,052	3 483,412	3,976	3,512
90	71	15 485	700,293	2 607,359	3,723	3,259
91	72	12 534	547,690	1 907,066	3,482	3,018
92	73	9 853	415,981	1 359,377	3,268	2,804
93	74	7 526	306,965	943,396	3,073	2,609
94	75	5 593	220,430	636,431	2,887	2,423
95	76	3 986	151,776	416,001	2,741	2,277
96	77	2 784	102,428	264,225	2,580	2,116
97	78	1 867	66,364	161,796	2,438	1,974
98	79	1 201	41,253	95,432	2,313	1,849
99	80	742	24,608	54,179	2,202	1,738
100	81	439	14,067	29,571	2,102	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	49 924,323	1 249 631,634	25,031	24,566
21	1	98 990	48 066,597	1 199 707,311	24,959	24,495
22	2	98 923	46 409,662	1 151 640,714	24,815	24,351
23	3	98 866	44 814,693	1 105 231,051	24,662	24,198
24	4	98 809	43 274,180	1 060 416,358	24,505	24,041
25	5	98 752	41 786,791	1 017 142,178	24,341	23,877
26	6	98 698	40 351,259	975 355,387	24,172	23,708
27	7	98 644	38 965,686	935 004,128	23,996	23,532
28	8	98 587	37 626,284	896 038,442	23,814	23,350
29	9	98 530	36 332,923	858 412,158	23,626	23,162
30	10	98 468	35 081,902	822 079,235	23,433	22,969
31	11	98 405	33 874,023	786 997,333	23,233	22,769
32	12	98 330	32 703,560	753 123,310	23,029	22,565
33	13	98 253	31 573,009	720 419,750	22,818	22,354
34	14	98 175	30 481,049	688 846,740	22,599	22,135
35	15	98 086	29 423,486	658 365,691	22,376	21,911
36	16	97 987	28 399,698	628 942,205	22,146	21,682
37	17	97 886	27 411,107	600 542,507	21,909	21,445
38	18	97 780	26 455,472	573 131,400	21,664	21,200
39	19	97 657	25 528,817	546 675,928	21,414	20,950
40	20	97 532	24 633,848	521 147,111	21,156	20,692
41	21	97 391	23 766,507	496 513,263	20,891	20,427
42	22	97 246	22 928,598	472 746,756	20,618	20,154
43	23	97 084	22 116,398	449 818,158	20,339	19,875
44	24	96 904	21 328,877	427 701,761	20,053	19,589
45	25	96 714	20 567,120	406 372,883	19,758	19,294
46	26	96 498	19 827,293	385 805,763	19,458	18,994
47	27	96 269	19 111,232	365 978,470	19,150	18,686
48	28	96 008	18 415,036	346 867,238	18,836	18,372
49	29	95 717	17 738,333	328 452,202	18,517	18,052
50	30	95 391	17 080,132	310 713,869	18,192	17,728
51	31	95 027	16 439,608	293 633,738	17,861	17,397
52	32	94 630	15 817,302	277 194,130	17,525	17,061
53	33	94 179	15 209,508	261 376,827	17,185	16,721
54	34	93 676	14 616,696	246 167,319	16,842	16,377
55	35	93 117	14 038,198	231 550,624	16,494	16,030
56	36	92 508	13 474,659	217 512,425	16,142	15,678
57	37	91 833	12 924,007	204 037,767	15,788	15,323
58	38	91 098	12 387,103	191 113,760	15,428	14,964
59	39	90 276	11 860,248	178 726,657	15,069	14,605
60	40	89 388	11 346,411	166 866,409	14,707	14,243
61	41	88 430	10 845,273	155 519,998	14,340	13,876
62	42	87 392	10 355,479	144 674,725	13,971	13,507
63	43	86 261	9 875,761	134 319,245	13,601	13,137
64	44	85 057	9 408,631	124 443,485	13,227	12,762
65	45	83 757	8 951,541	115 034,854	12,851	12,387
66	46	82 378	8 506,456	106 083,313	12,471	12,007
67	47	80 929	8 074,191	97 576,857	12,085	11,621
68	48	79 362	7 650,108	89 502,666	11,700	11,236
69	49	77 753	7 241,564	81 852,558	11,303	10,839
70	50	76 011	6 839,891	74 610,995	10,908	10,444
71	51	74 161	6 447,798	67 771,103	10,511	10,047
72	52	72 192	6 064,381	61 323,306	10,112	9,648
73	53	70 132	5 692,082	55 258,924	9,708	9,244
74	54	67 961	5 329,372	49 566,842	9,301	8,837
75	55	65 662	4 974,926	44 237,470	8,892	8,428
76	56	63 217	4 627,725	39 262,544	8,484	8,020
77	57	60 617	4 287,353	34 634,820	8,078	7,614
78	58	57 884	3 955,621	30 347,467	7,672	7,208
79	59	54 964	3 629,048	26 391,845	7,272	6,808
80	60	51 839	3 306,974	22 762,798	6,883	6,419
81	61	48 539	2 991,740	19 455,824	6,503	6,039
82	62	45 056	2 683,153	16 464,084	6,136	5,672
83	63	41 434	2 384,005	13 780,930	5,781	5,317
84	64	37 671	2 094,174	11 396,926	5,442	4,978
85	65	33 831	1 817,144	9 302,752	5,119	4,655
86	66	29 952	1 554,378	7 485,608	4,816	4,352
87	67	26 127	1 310,021	5 931,230	4,528	4,064
88	68	22 433	1 086,755	4 621,209	4,252	3,788
89	69	18 928	885,950	3 534,454	3,989	3,525
90	70	15 676	708,930	2 648,503	3,736	3,272
91	71	12 705	555,123	1 939,573	3,494	3,030
92	72	9 997	422,063	1 384,450	3,280	2,816
93	73	7 644	311,792	962,388	3,087	2,623
94	74	5 691	224,267	650,596	2,901	2,437
95	75	4 063	154,727	426,329	2,755	2,291
96	76	2 846	104,714	271,602	2,594	2,130
97	77	1 914	68,027	166,888	2,453	1,989
98	78	1 236	42,446	98,861	2,329	1,865
99	79	767	25,446	56,415	2,217	1,753
100	80	456	14,629	30,969	2,117	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	48 214,319	1 200 422,674	24,898	24,434
22	1	98 946	46 420,388	1 152 208,355	24,821	24,357
23	2	98 878	44 820,030	1 105 787,967	24,672	24,208
24	3	98 821	43 279,337	1 060 967,937	24,514	24,050
25	4	98 761	41 790,591	1 017 688,600	24,352	23,888
26	5	98 705	40 354,286	975 898,009	24,183	23,719
27	6	98 651	38 968,251	935 543,724	24,008	23,544
28	7	98 592	37 628,139	896 575,473	23,827	23,363
29	8	98 537	36 335,172	858 947,333	23,640	23,176
30	9	98 474	35 084,173	822 612,161	23,447	22,983
31	10	98 411	33 876,030	787 527,989	23,247	22,783
32	11	98 337	32 705,996	753 651,958	23,043	22,579
33	12	98 261	31 575,507	720 945,962	22,832	22,368
34	13	98 184	30 483,662	689 370,455	22,614	22,150
35	14	98 096	29 426,574	658 886,793	22,391	21,927
36	15	97 999	28 403,251	629 460,219	22,162	21,698
37	16	97 900	27 414,975	601 056,968	21,924	21,460
38	17	97 794	26 459,346	573 641,992	21,680	21,216
39	18	97 677	25 534,017	547 182,646	21,430	20,966
40	19	97 551	24 638,604	521 648,629	21,172	20,708
41	20	97 409	23 770,909	497 010,025	20,908	20,444
42	21	97 262	22 932,394	473 239,116	20,636	20,172
43	22	97 101	22 120,226	450 306,722	20,357	19,893
44	23	96 925	21 333,506	428 186,497	20,071	19,607
45	24	96 730	20 570,608	406 852,991	19,778	19,314
46	25	96 516	19 830,991	386 282,382	19,479	19,015
47	26	96 287	19 114,951	366 451,392	19,171	18,707
48	27	96 029	18 419,059	347 336,440	18,857	18,393
49	28	95 741	17 742,758	328 917,381	18,538	18,074
50	29	95 416	17 084,553	311 174,623	18,214	17,750
51	30	95 056	16 444,491	294 090,070	17,884	17,420
52	31	94 661	15 822,353	277 645,579	17,548	17,084
53	32	94 212	15 214,788	261 823,227	17,208	16,744
54	33	93 709	14 621,902	246 608,439	16,866	16,402
55	34	93 154	14 043,691	231 986,537	16,519	16,055
56	35	92 545	13 480,084	217 942,846	16,168	15,704
57	36	91 876	12 930,069	204 462,762	15,813	15,349
58	37	91 140	12 392,807	191 532,693	15,455	14,991
59	38	90 329	11 867,198	179 139,886	15,095	14,631
60	39	89 441	11 353,174	167 272,688	14,734	14,270
61	40	88 491	10 852,639	155 919,514	14,367	13,903
62	41	87 459	10 363,385	145 066,875	13,998	13,534
63	42	86 332	9 883,962	134 703,490	13,628	13,164
64	43	85 133	9 417,105	124 819,527	13,255	12,791
65	44	83 842	8 960,681	115 402,422	12,879	12,415
66	45	82 470	8 515,926	106 441,741	12,499	12,035
67	46	81 032	8 084,456	97 925,815	12,113	11,649
68	47	79 476	7 661,090	89 841,359	11,727	11,263
69	48	77 877	7 253,166	82 180,269	11,330	10,866
70	49	76 148	6 852,304	74 927,103	10,935	10,471
71	50	74 308	6 460,529	68 074,799	10,537	10,073
72	51	72 352	6 077,806	61 614,270	10,138	9,674
73	52	70 305	5 706,092	55 536,464	9,733	9,269
74	53	68 148	5 343,978	49 830,372	9,325	8,861
75	54	65 860	4 989,944	44 486,394	8,915	8,451
76	55	63 427	4 643,109	39 496,450	8,506	8,042
77	56	60 837	4 302,925	34 853,341	8,100	7,636
78	57	58 116	3 971,477	30 550,416	7,692	7,228
79	58	55 208	3 645,125	26 578,940	7,292	6,828
80	59	52 091	3 323,024	22 933,815	6,901	6,437
81	60	48 802	3 007,956	19 610,791	6,520	6,056
82	61	45 310	2 698,250	16 602,835	6,153	5,689
83	62	41 687	2 398,580	13 904,585	5,797	5,333
84	63	37 920	2 108,054	11 506,005	5,458	4,994
85	64	34 080	1 830,484	9 397,951	5,134	4,670
86	65	30 194	1 566,933	7 567,467	4,829	4,365
87	66	26 357	1 321,565	6 000,535	4,540	4,076
88	67	22 652	1 097,394	4 678,969	4,264	3,800
89	68	19 123	895,094	3 581,576	4,001	3,537
90	69	15 853	716,940	2 686,482	3,747	3,283
91	70	12 861	561,970	1 969,542	3,505	3,041
92	71	10 133	427,791	1 407,572	3,290	2,826
93	72	7 756	316,350	979,781	3,097	2,633
94	73	5 780	227,794	663,431	2,912	2,448
95	74	4 134	157,420	435,637	2,767	2,303
96	75	2 902	106,749	278,217	2,606	2,142
97	76	1 957	69,545	171,468	2,466	2,002
98	77	1 267	43,510	101,923	2,343	1,878
99	78	789	26,182	58,413	2,231	1,767
100	79	472	15,127	32,231	2,131	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	46 563,051	1 152 870,945	24,759	24,295
23	1	98 901	44 830,388	1 106 307,894	24,678	24,214
24	2	98 833	43 284,491	1 061 477,506	24,523	24,059
25	3	98 773	41 795,570	1 018 193,015	24,361	23,897
26	4	98 714	40 357,955	976 397,444	24,193	23,729
27	5	98 658	38 971,174	936 039,489	24,019	23,555
28	6	98 599	37 630,616	897 068,315	23,839	23,375
29	7	98 541	36 336,964	859 437,699	23,652	23,188
30	8	98 480	35 086,345	823 100,735	23,459	22,995
31	9	98 417	33 878,222	788 014,391	23,260	22,796
32	10	98 343	32 707,934	754 136,168	23,057	22,593
33	11	98 268	31 577,860	721 428,234	22,846	22,382
34	12	98 191	30 486,074	689 850,375	22,628	22,164
35	13	98 105	29 429,096	659 364,300	22,405	21,941
36	14	98 009	28 406,232	629 935,204	22,176	21,712
37	15	97 912	27 418,406	601 528,972	21,939	21,475
38	16	97 808	26 463,080	574 110,566	21,695	21,231
39	17	97 691	25 537,756	547 647,486	21,445	20,981
40	18	97 571	24 643,622	522 109,730	21,186	20,722
41	19	97 428	23 775,498	497 466,108	20,923	20,459
42	20	97 280	22 936,641	473 690,610	20,652	20,188
43	21	97 117	22 123,888	450 753,968	20,374	19,910
44	22	96 942	21 337,198	428 630,080	20,088	19,624
45	23	96 751	20 575,073	407 292,882	19,795	19,331
46	24	96 533	19 834,354	386 717,809	19,497	19,033
47	25	96 305	19 118,516	366 883,455	19,190	18,726
48	26	96 048	18 422,644	347 764,939	18,877	18,413
49	27	95 762	17 746,634	329 342,295	18,558	18,094
50	28	95 440	17 088,815	311 595,661	18,234	17,770
51	29	95 080	16 448,748	294 506,846	17,905	17,440
52	30	94 689	15 827,052	278 058,098	17,569	17,105
53	31	94 242	15 219,646	262 231,046	17,230	16,766
54	32	93 742	14 626,978	247 011,400	16,887	16,423
55	33	93 187	14 048,693	232 384,422	16,541	16,077
56	34	92 581	13 485,359	218 335,729	16,191	15,727
57	35	91 913	12 935,275	204 850,370	15,837	15,373
58	36	91 183	12 398,620	191 915,095	15,479	15,015
59	37	90 371	11 872,662	179 516,476	15,120	14,656
60	38	89 494	11 359,827	167 643,814	14,758	14,294
61	39	88 543	10 859,108	156 283,986	14,392	13,928
62	40	87 518	10 370,423	145 424,878	14,023	13,559
63	41	86 398	9 891,508	135 054,455	13,654	13,190
64	42	85 204	9 424,926	125 162,947	13,280	12,816
65	43	83 918	8 968,752	115 738,020	12,905	12,441
66	44	82 554	8 524,621	106 769,268	12,525	12,061
67	45	81 122	8 093,456	98 244,647	12,139	11,675
68	46	79 577	7 670,830	90 151,191	11,752	11,288
69	47	77 989	7 263,578	82 480,361	11,355	10,891
70	48	76 270	6 863,282	75 216,783	10,959	10,495
71	49	74 442	6 472,254	68 353,501	10,561	10,097
72	50	72 495	6 089,807	61 881,247	10,161	9,697
73	51	70 460	5 718,723	55 791,440	9,756	9,292
74	52	68 315	5 357,131	50 072,717	9,347	8,883
75	53	66 041	5 003,620	44 715,586	8,937	8,473
76	54	63 619	4 657,125	39 711,966	8,527	8,063
77	55	61 040	4 317,230	35 054,841	8,120	7,656
78	56	58 328	3 985,901	30 737,611	7,712	7,248
79	57	55 429	3 659,735	26 751,710	7,310	6,846
80	58	52 322	3 337,745	23 091,975	6,918	6,454
81	59	49 039	3 022,555	19 754,229	6,536	6,072
82	60	45 555	2 712,876	16 731,675	6,168	5,703
83	61	41 922	2 412,076	14 018,799	5,812	5,348
84	62	38 152	2 120,942	11 606,723	5,472	5,008
85	63	34 306	1 842,616	9 485,781	5,148	4,684
86	64	30 416	1 578,435	7 643,165	4,842	4,378
87	65	26 570	1 332,240	6 064,730	4,552	4,088
88	66	22 852	1 107,064	4 732,490	4,275	3,811
89	67	19 310	903,856	3 625,426	4,011	3,547
90	68	16 017	724,339	2 721,570	3,757	3,293
91	69	13 007	568,319	1 997,231	3,514	3,050
92	70	10 258	433,067	1 428,912	3,300	2,835
93	71	7 861	320,644	995,845	3,106	2,642
94	72	5 865	231,124	675,201	2,921	2,457
95	73	4 199	159,896	444,077	2,777	2,313
96	74	2 952	108,607	284,181	2,617	2,153
97	75	1 995	70,897	175,574	2,476	2,012
98	76	1 295	44,481	104,677	2,353	1,889
99	77	809	26,838	60,196	2,243	1,779
100	78	485	15,564	33,358	2,143	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	44 968,164	1 106 921,774	24,616	24,152
24	1	98 856	43 294,494	1 061 953,609	24,529	24,065
25	2	98 785	41 800,548	1 018 659,115	24,370	23,905
26	3	98 726	40 362,764	976 858,567	24,202	23,738
27	4	98 667	38 974,718	936 495,803	24,028	23,564
28	5	98 606	37 633,438	897 521,085	23,849	23,385
29	6	98 548	36 339,356	859 887,647	23,663	23,199
30	7	98 485	35 088,075	823 548,291	23,471	23,007
31	8	98 423	33 880,320	788 460,216	23,272	22,808
32	9	98 350	32 710,051	754 579,897	23,069	22,605
33	10	98 274	31 579,731	721 869,846	22,859	22,395
34	11	98 199	30 488,345	690 290,115	22,641	22,177
35	12	98 112	29 431,425	659 801,770	22,418	21,954
36	13	98 017	28 408,667	630 370,345	22,189	21,725
37	14	97 922	27 421,283	601 961,678	21,952	21,488
38	15	97 820	26 466,391	574 540,395	21,708	21,244
39	16	97 705	25 541,360	548 074,004	21,458	20,994
40	17	97 585	24 647,231	522 532,644	21,200	20,736
41	18	97 448	23 780,341	497 885,413	20,937	20,473
42	19	97 299	22 941,070	474 105,072	20,666	20,202
43	20	97 135	22 127,986	451 164,002	20,389	19,925
44	21	96 958	21 340,732	429 036,017	20,104	19,640
45	22	96 768	20 578,634	407 695,285	19,812	19,348
46	23	96 554	19 838,659	387 116,651	19,513	19,049
47	24	96 322	19 121,759	367 277,993	19,207	18,743
48	25	96 066	18 426,080	348 156,234	18,895	18,431
49	26	95 781	17 750,088	329 730,154	18,576	18,112
50	27	95 461	17 092,548	311 980,067	18,252	17,788
51	28	95 104	16 452,851	294 887,518	17,923	17,459
52	29	94 713	15 831,149	278 434,667	17,588	17,124
53	30	94 270	15 224,167	262 603,518	17,249	16,785
54	31	93 772	14 631,649	247 379,352	16,907	16,443
55	32	93 219	14 053,570	232 747,703	16,561	16,097
56	33	92 614	13 490,162	218 694,133	16,211	15,747
57	34	91 949	12 940,336	205 203,971	15,858	15,394
58	35	91 220	12 403,612	192 263,635	15,501	15,037
59	36	90 413	11 878,231	179 860,023	15,142	14,678
60	37	89 535	11 365,058	167 981,792	14,781	14,317
61	38	88 595	10 865,471	156 616,734	14,414	13,950
62	39	87 570	10 376,605	145 751,263	14,046	13,582
63	40	86 457	9 898,226	135 374,658	13,677	13,213
64	41	85 269	9 432,122	125 476,432	13,303	12,839
65	42	83 988	8 976,201	116 044,310	12,928	12,464
66	43	82 628	8 532,300	107 068,109	12,549	12,085
67	44	81 205	8 101,720	98 535,810	12,162	11,698
68	45	79 665	7 679,369	90 434,090	11,776	11,312
69	46	78 088	7 272,813	82 754,721	11,379	10,915
70	47	76 380	6 873,135	75 481,908	10,982	10,518
71	48	74 562	6 482,623	68 608,773	10,583	10,119
72	49	72 627	6 100,858	62 126,150	10,183	9,719
73	50	70 599	5 730,015	56 025,292	9,778	9,313
74	51	68 467	5 368,990	50 295,276	9,368	8,904
75	52	66 203	5 015,935	44 926,286	8,957	8,493
76	53	63 793	4 669,889	39 910,351	8,546	8,082
77	54	61 224	4 330,262	35 240,462	8,138	7,674
78	55	58 521	3 999,152	30 910,200	7,729	7,265
79	56	55 630	3 673,027	26 911,048	7,327	6,863
80	57	52 531	3 351,124	23 238,021	6,934	6,470
81	58	49 256	3 035,945	19 886,897	6,550	6,086
82	59	45 776	2 726,042	16 850,952	6,181	5,717
83	60	42 149	2 425,150	14 124,909	5,824	5,360
84	61	38 367	2 132,876	11 699,760	5,485	5,021
85	62	34 515	1 853,882	9 566,884	5,160	4,696
86	63	30 617	1 588,897	7 713,002	4,854	4,390
87	64	26 765	1 342,019	6 124,105	4,563	4,099
88	65	23 037	1 116,006	4 782,086	4,285	3,821
89	66	19 481	911,821	3 666,080	4,021	3,557
90	67	16 174	731,430	2 754,259	3,766	3,302
91	68	13 141	574,184	2 022,829	3,523	3,059
92	69	10 374	437,960	1 448,645	3,308	2,844
93	70	7 958	324,599	1 010,685	3,114	2,650
94	71	5 944	234,261	686,086	2,929	2,465
95	72	4 261	162,233	451,825	2,785	2,321
96	73	2 999	110,315	289,592	2,625	2,161
97	74	2 029	72,131	179,276	2,485	2,021
98	75	1 320	45,345	107,145	2,363	1,899
99	76	827	27,437	61,800	2,252	1,788
100	77	498	15,954	34,363	2,154	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	43 427,550	1 062 522,526	24,467	24,003
25	1	98 808	41 810,208	1 019 094,976	24,374	23,910
26	2	98 737	40 367,571	977 284,767	24,210	23,746
27	3	98 679	38 979,362	936 917,196	24,036	23,572
28	4	98 615	37 636,861	897 937,834	23,858	23,394
29	5	98 555	36 342,081	860 300,974	23,672	23,208
30	6	98 491	35 090,384	823 958,893	23,481	23,017
31	7	98 428	33 881,990	788 868,508	23,283	22,819
32	8	98 356	32 712,076	754 986,518	23,080	22,616
33	9	98 281	31 581,774	722 274,442	22,870	22,406
34	10	98 205	30 490,152	690 692,668	22,653	22,189
35	11	98 120	29 433,617	660 202,516	22,430	21,966
36	12	98 025	28 410,915	630 768,899	22,202	21,738
37	13	97 930	27 423,634	602 357,984	21,965	21,501
38	14	97 830	26 469,169	574 934,350	21,721	21,257
39	15	97 717	25 544,556	548 465,181	21,471	21,007
40	16	97 599	24 650,709	522 920,626	21,213	20,749
41	17	97 462	23 783,823	498 269,916	20,950	20,486
42	18	97 319	22 945,742	474 486,093	20,679	20,215
43	19	97 154	22 132,258	451 540,351	20,402	19,938
44	20	96 976	21 344,684	429 408,093	20,118	19,654
45	21	96 784	20 582,041	408 063,409	19,826	19,362
46	22	96 570	19 842,092	387 481,368	19,528	19,064
47	23	96 343	19 125,909	367 639,276	19,222	18,758
48	24	96 082	18 429,205	348 513,367	18,911	18,447
49	25	95 798	17 753,398	330 084,162	18,593	18,129
50	26	95 479	17 095,875	312 330,764	18,269	17,805
51	27	95 125	16 456,446	295 234,890	17,940	17,476
52	28	94 737	15 835,098	278 778,444	17,605	17,141
53	29	94 294	15 228,107	262 943,346	17,267	16,803
54	30	93 800	14 635,994	247 715,238	16,925	16,461
55	31	93 249	14 058,057	233 079,244	16,580	16,116
56	32	92 646	13 494,845	219 021,187	16,230	15,766
57	33	91 981	12 944,945	205 526,342	15,877	15,413
58	34	91 255	12 408,465	192 581,396	15,520	15,056
59	35	90 450	11 883,014	180 172,931	15,162	14,698
60	36	89 577	11 370,389	168 289,918	14,801	14,337
61	37	88 636	10 870,474	156 919,529	14,435	13,971
62	38	87 622	10 382,686	146 049,055	14,067	13,603
63	39	86 508	9 904,126	135 666,369	13,698	13,234
64	40	85 327	9 438,528	125 762,243	13,324	12,860
65	41	84 052	8 983,054	116 323,715	12,949	12,485
66	42	82 697	8 539,386	107 340,662	12,570	12,106
67	43	81 278	8 109,018	98 801,276	12,184	11,720
68	44	79 747	7 687,210	90 692,258	11,798	11,334
69	45	78 175	7 280,909	83 005,048	11,400	10,936
70	46	76 477	6 881,873	75 724,139	11,003	10,539
71	47	74 669	6 491,930	68 842,266	10,604	10,140
72	48	72 743	6 110,633	62 350,337	10,204	9,740
73	49	70 728	5 740,414	56 239,704	9,797	9,333
74	50	68 602	5 379,591	50 499,290	9,387	8,923
75	51	66 350	5 027,039	45 119,699	8,975	8,511
76	52	63 950	4 681,383	40 092,660	8,564	8,100
77	53	61 392	4 342,130	35 411,277	8,155	7,691
78	54	58 698	4 011,224	31 069,147	7,746	7,282
79	55	55 815	3 685,238	27 057,923	7,342	6,878
80	56	52 722	3 363,295	23 372,685	6,949	6,485
81	57	49 454	3 048,114	20 009,389	6,565	6,100
82	58	45 979	2 738,119	16 961,275	6,194	5,730
83	59	42 354	2 436,920	14 223,156	5,837	5,373
84	60	38 575	2 144,436	11 786,236	5,496	5,032
85	61	34 710	1 864,313	9 641,800	5,172	4,708
86	62	30 804	1 598,611	7 777,487	4,865	4,401
87	63	26 943	1 350,914	6 178,876	4,574	4,110
88	64	23 206	1 124,198	4 827,961	4,295	3,831
89	65	19 638	919,186	3 703,763	4,029	3,565
90	66	16 316	737,876	2 784,577	3,774	3,310
91	67	13 269	579,805	2 046,702	3,530	3,066
92	68	10 481	442,480	1 466,897	3,315	2,851
93	69	8 048	328,266	1 024,417	3,121	2,657
94	70	6 018	237,150	696,151	2,935	2,471
95	71	4 318	164,435	459,001	2,791	2,327
96	72	3 042	111,928	294,566	2,632	2,168
97	73	2 061	73,265	182,637	2,493	2,029
98	74	1 343	46,135	109,372	2,371	1,907
99	75	843	27,970	63,237	2,261	1,797
100	76	509	16,310	35,267	2,162	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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24						
25	0	99 111	41 938,703	1 019 622,387	24,312	23,848
26	1	98 760	40 376,900	977 683,684	24,214	23,750
27	2	98 691	38 984,004	937 306,784	24,043	23,579
28	3	98 627	37 641,345	898 322,780	23,865	23,401
29	4	98 564	36 345,386	860 681,434	23,681	23,217
30	5	98 499	35 093,016	824 336,048	23,490	23,026
31	6	98 435	33 884,221	789 243,032	23,292	22,828
32	7	98 360	32 713,689	755 358,812	23,090	22,626
33	8	98 287	31 583,730	722 645,123	22,880	22,416
34	9	98 211	30 492,125	691 061,393	22,664	22,200
35	10	98 125	29 435,361	660 569,269	22,441	21,977
36	11	98 033	28 413,031	631 133,907	22,213	21,749
37	12	97 938	27 425,804	602 720,876	21,976	21,512
38	13	97 839	26 471,438	575 295,073	21,733	21,269
39	14	97 728	25 547,236	548 823,635	21,483	21,019
40	15	97 611	24 653,794	523 276,398	21,225	20,761
41	16	97 476	23 787,180	498 622,604	20,962	20,498
42	17	97 333	22 949,102	474 835,425	20,691	20,227
43	18	97 174	22 136,766	451 886,322	20,413	19,949
44	19	96 995	21 348,805	429 749,557	20,130	19,666
45	20	96 802	20 585,853	408 400,752	19,839	19,375
46	21	96 586	19 845,378	387 814,899	19,542	19,078
47	22	96 359	19 129,219	367 969,521	19,236	18,772
48	23	96 103	18 433,204	348 840,302	18,925	18,461
49	24	95 815	17 756,409	330 407,098	18,608	18,144
50	25	95 497	17 099,063	312 650,689	18,285	17,821
51	26	95 143	16 459,648	295 551,626	17,956	17,492
52	27	94 758	15 838,558	279 091,978	17,621	17,157
53	28	94 318	15 231,906	263 253,420	17,283	16,819
54	29	93 824	14 639,783	248 021,514	16,942	16,478
55	30	93 277	14 062,233	233 381,731	16,596	16,132
56	31	92 676	13 499,154	219 319,498	16,247	15,783
57	32	92 013	12 949,439	205 820,344	15,894	15,430
58	33	91 288	12 412,885	192 870,904	15,538	15,074
59	34	90 485	11 887,663	180 458,020	15,180	14,716
60	35	89 613	11 374,967	168 570,357	14,819	14,355
61	36	88 678	10 875,573	157 195,390	14,454	13,990
62	37	87 662	10 387,466	146 319,816	14,086	13,622
63	38	86 559	9 909,930	135 932,350	13,717	13,253
64	39	85 378	9 444,154	126 022,420	13,344	12,880
65	40	84 109	8 989,155	116 578,267	12,969	12,505
66	41	82 760	8 545,905	107 589,112	12,590	12,126
67	42	81 345	8 115,752	99 043,207	12,204	11,740
68	43	79 819	7 694,135	90 927,455	11,818	11,354
69	44	78 255	7 288,343	83 233,321	11,420	10,956
70	45	76 562	6 889,534	75 944,977	11,023	10,559
71	46	74 764	6 500,183	69 055,444	10,624	10,160
72	47	72 847	6 119,405	62 555,261	10,222	9,758
73	48	70 841	5 749,611	56 435,855	9,816	9,352
74	49	68 726	5 389,354	50 686,245	9,405	8,941
75	50	66 481	5 036,965	45 296,891	8,993	8,529
76	51	64 092	4 691,746	40 259,926	8,581	8,117
77	52	61 543	4 352,817	35 568,180	8,171	7,707
78	53	58 859	4 022,218	31 215,362	7,761	7,297
79	54	55 984	3 696,363	27 193,145	7,357	6,893
80	55	52 897	3 374,476	23 496,782	6,963	6,499
81	56	49 633	3 059,185	20 122,306	6,578	6,114
82	57	46 163	2 749,094	17 063,121	6,207	5,743
83	58	42 541	2 447,716	14 314,027	5,848	5,384
84	59	38 762	2 154,844	11 866,311	5,507	5,043
85	60	34 898	1 874,418	9 711,467	5,181	4,717
86	61	30 978	1 607,606	7 837,049	4,875	4,411
87	62	27 107	1 359,174	6 229,443	4,583	4,119
88	63	23 359	1 131,650	4 870,269	4,304	3,840
89	64	19 782	925,933	3 738,620	4,038	3,574
90	65	16 448	743,835	2 812,686	3,781	3,317
91	66	13 386	584,914	2 068,851	3,537	3,073
92	67	10 584	446,811	1 483,937	3,321	2,857
93	68	8 131	331,654	1 037,125	3,127	2,663
94	69	6 085	239,830	705,471	2,942	2,478
95	70	4 372	166,463	465,641	2,797	2,333
96	71	3 084	113,447	299,178	2,637	2,173
97	72	2 091	74,337	185,731	2,499	2,034
98	73	1 364	46,860	111,394	2,377	1,913
99	74	858	28,457	64,534	2,268	1,804
100	75	519	16,628	36,077	2,170	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 540 972,871	25,410	24,945
1	1	99 340	95 749,437	2 440 972,871	25,493	25,029
2	2	99 290	92 242,157	2 345 223,434	25,425	24,960
3	3	99 263	88 883,651	2 252 981,277	25,348	24,883
4	4	99 238	85 649,753	2 164 097,627	25,267	24,802
5	5	99 218	82 536,898	2 078 447,874	25,182	24,718
6	6	99 201	79 540,175	1 995 910,975	25,093	24,629
7	7	99 184	76 652,232	1 916 370,800	25,001	24,536
8	8	99 171	73 871,807	1 839 718,568	24,904	24,440
9	9	99 157	71 191,533	1 765 846,761	24,804	24,340
10	10	99 142	68 608,388	1 694 655,228	24,700	24,236
11	11	99 129	66 119,563	1 626 046,840	24,593	24,128
12	12	99 112	63 719,262	1 559 927,277	24,481	24,017
13	13	99 097	61 406,485	1 496 208,016	24,366	23,901
14	14	99 079	59 176,240	1 434 801,531	24,246	23,782
15	15	99 056	57 024,466	1 375 625,291	24,123	23,659
16	16	99 029	54 948,205	1 318 600,825	23,997	23,533
17	17	98 990	52 941,013	1 263 652,620	23,869	23,405
18	18	98 946	51 005,052	1 210 711,606	23,737	23,273
19	19	98 888	49 132,642	1 159 706,555	23,604	23,139
20	20	98 828	47 327,852	1 110 573,913	23,466	23,001
21	21	98 765	45 588,202	1 063 246,061	23,323	22,858
22	22	98 704	43 913,514	1 017 657,859	23,174	22,710
23	23	98 643	42 299,868	973 744,345	23,020	22,556
24	24	98 576	40 743,392	931 444,477	22,861	22,397
25	25	98 512	39 245,100	890 701,085	22,696	22,231
26	26	98 446	37 801,352	851 455,986	22,524	22,060
27	27	98 380	36 410,689	813 654,633	22,347	21,882
28	28	98 307	35 068,459	777 243,945	22,164	21,699
29	29	98 232	33 775,088	742 175,486	21,974	21,510
30	30	98 150	32 527,242	708 400,398	21,779	21,314
31	31	98 064	31 324,192	675 873,156	21,577	21,112
32	32	97 966	30 161,580	644 548,963	21,370	20,905
33	33	97 863	29 040,955	614 387,383	21,156	20,691
34	34	97 759	27 961,447	585 346,429	20,934	20,470
35	35	97 642	26 918,557	557 384,982	20,706	20,242
36	36	97 516	25 912,131	530 466,425	20,472	20,007
37	37	97 384	24 941,688	504 554,294	20,229	19,765
38	38	97 248	24 006,603	479 612,606	19,978	19,514
39	39	97 089	23 101,073	455 606,003	19,722	19,258
40	40	96 925	22 228,544	432 504,931	19,457	18,993
41	41	96 737	21 383,654	410 276,387	19,186	18,722
42	42	96 536	20 567,750	388 892,733	18,908	18,443
43	43	96 312	19 778,372	368 324,983	18,623	18,158
44	44	96 067	19 015,144	348 546,611	18,330	17,866
45	45	95 797	18 276,279	329 531,467	18,031	17,566
46	46	95 495	17 560,132	311 255,187	17,725	17,261
47	47	95 165	16 867,006	293 695,055	17,412	16,948
48	48	94 793	16 193,696	276 828,049	17,095	16,630
49	49	94 378	15 540,018	260 634,353	16,772	16,307
50	50	93 910	14 904,149	245 094,335	16,445	15,980
51	51	93 395	14 286,701	230 190,186	16,112	15,648
52	52	92 829	13 686,849	215 903,485	15,775	15,310
53	53	92 192	13 101,517	202 216,636	15,435	14,970
54	54	91 481	12 530,659	189 115,120	15,092	14,628
55	55	90 697	11 974,273	176 584,461	14,747	14,283
56	56	89 841	11 432,502	164 610,187	14,398	13,934
57	57	88 905	10 904,407	153 177,685	14,047	13,583
58	58	87 882	10 389,377	142 273,278	13,694	13,230
59	59	86 756	9 885,542	131 883,901	13,341	12,877
60	60	85 538	9 394,497	121 998,359	12,986	12,522
61	61	84 223	8 915,691	112 603,862	12,630	12,165
62	62	82 831	8 451,458	103 688,171	12,269	11,804
63	63	81 330	7 998,299	95 236,713	11,907	11,443
64	64	79 738	7 558,363	87 238,413	11,542	11,078
65	65	78 027	7 128,828	79 680,050	11,177	10,713
66	66	76 212	6 711,364	72 551,222	10,810	10,346
67	67	74 312	6 307,464	65 839,858	10,438	9,974
68	68	72 270	5 912,454	59 532,394	10,069	9,605
69	69	70 194	5 535,044	53 619,940	9,687	9,223
70	70	67 978	5 166,521	48 084,896	9,307	8,843
71	71	65 645	4 808,899	42 918,375	8,925	8,460
72	72	63 186	4 461,477	38 109,476	8,542	8,077
73	73	60 647	4 127,430	33 647,999	8,152	7,688
74	74	58 019	3 805,825	29 520,568	7,757	7,292
75	75	55 263	3 494,028	25 714,743	7,360	6,895
76	76	52 364	3 191,097	22 220,716	6,963	6,499
77	77	49 293	2 895,373	19 029,619	6,572	6,108
78	78	46 104	2 610,167	16 134,246	6,181	5,717
79	79	42 737	2 332,059	13 524,079	5,799	5,335
80	80	39 169	2 060,125	11 192,020	5,433	4,968
81	81	35 458	1 797,535	9 131,895	5,080	4,616
82	82	31 640	1 546,029	7 334,360	4,744	4,280
83	83	27 801	1 309,320	5 788,331	4,421	3,956
84	84	23 966	1 087,892	4 479,011	4,117	3,653
85	85	20 224	884,851	3 391,119	3,832	3,368
86	86	16 656	702,394	2 506,268	3,568	3,104
87	87	13 353	542,785	1 803,874	3,323	2,859
88	88	10 406	407,692	1 261,089	3,093	2,629
89	89	7 852	296,517	853,397	2,878	2,414
90	90	5 716	208,035	556,880	2,677	2,212
91	91	3 996	140,175	348,845	2,489	2,024
92	92	2 654	89,729	208,671	2,326	1,861
93	93	1 672	54,509	118,941	2,182	1,718
94	94	1 000	31,417	64,432	2,051	1,586
95	95	556	16,826	33,015	1,962	1,498
96	96	298	8,697	16,189	1,862	1,397
97	97	150	4,209	7,492	1,780	1,316
98	98	72	1,942	3,283	1,691	1,227
99	99	32	0,831	1,342	1,615	1,151
100	100	13	0,330	0,511	1,550	1,085

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 537 744,220	25,455	24,991	50	51	93 725	14 874,778	242 716,260	16,317	15,853
1	2	99 317	95 727,314	2 438 050,606	25,469	25,004	51	52	93 189	14 255,145	227 841,482	15,983	15,519
2	3	99 278	92 231,173	2 342 323,292	25,396	24,932	52	53	92 601	13 653,244	213 586,338	15,644	15,179
3	4	99 251	88 873,061	2 250 092,120	25,318	24,854	53	54	91 940	13 065,708	199 933,094	15,302	14,838
4	5	99 229	85 641,965	2 161 219,059	25,236	24,771	54	55	91 206	12 492,946	186 867,386	14,958	14,493
5	6	99 210	82 530,709	2 075 577,094	25,149	24,685	55	56	90 397	11 934,598	174 374,439	14,611	14,146
6	7	99 194	79 534,939	1 993 046,385	25,059	24,594	56	57	89 516	11 391,129	162 439,841	14,260	13,796
7	8	99 179	76 648,453	1 913 511,446	24,965	24,500	57	58	88 550	10 860,874	151 048,713	13,908	13,443
8	9	99 165	73 867,233	1 836 862,993	24,867	24,403	58	59	87 494	10 343,554	140 187,838	13,553	13,089
9	10	99 150	71 186,927	1 762 995,759	24,766	24,301	59	60	86 337	9 837,795	129 844,284	13,199	12,734
10	11	99 136	68 604,323	1 691 808,832	24,660	24,196	60	61	85 077	9 343,851	120 006,489	12,843	12,379
11	12	99 121	66 114,638	1 623 204,510	24,551	24,087	61	62	83 752	8 865,807	110 662,638	12,482	12,018
12	13	99 105	63 714,220	1 557 089,872	24,439	23,974	62	63	82 328	8 400,101	101 796,832	12,119	11,654
13	14	99 088	61 401,221	1 493 375,652	24,322	23,857	63	64	80 794	7 945,635	93 396,730	11,754	11,290
14	15	99 068	59 170,030	1 431 974,431	24,201	23,737	64	65	79 157	7 503,283	85 451,095	11,388	10,924
15	16	99 044	57 017,333	1 372 804,400	24,077	23,613	65	66	77 402	7 071,711	77 947,812	11,022	10,558
16	17	99 015	54 940,452	1 315 787,068	23,949	23,485	66	67	75 547	6 652,738	70 876,101	10,654	10,189
17	18	98 975	52 933,262	1 260 846,616	23,820	23,355	67	68	73 591	6 246,317	64 223,364	10,282	9,817
18	19	98 926	50 994,665	1 207 913,354	23,687	23,223	68	69	71 532	5 852,060	57 977,047	9,907	9,443
19	20	98 869	49 123,158	1 156 918,690	23,551	23,087	69	70	69 410	5 473,205	52 124,987	9,524	9,059
20	21	98 809	47 319,088	1 107 795,531	23,411	22,947	70	71	67 149	5 103,575	46 651,782	9,141	8,677
21	22	98 749	45 580,655	1 060 476,443	23,266	22,802	71	72	64 766	4 744,506	41 548,207	8,757	8,293
22	23	98 687	43 905,915	1 014 895,788	23,115	22,651	72	73	62 276	4 397,190	36 803,701	8,370	7,905
23	24	98 621	42 290,689	970 989,873	22,960	22,495	73	74	59 708	4 063,526	32 406,511	7,975	7,511
24	25	98 559	40 736,483	928 699,184	22,798	22,333	74	75	57 026	3 740,714	28 342,984	7,577	7,112
25	26	98 493	39 237,782	887 962,701	22,630	22,166	75	76	54 209	3 427,405	24 602,271	7,178	6,714
26	27	98 427	37 793,997	848 724,919	22,457	21,992	76	77	51 221	3 121,447	21 174,866	6,784	6,319
27	28	98 359	36 402,736	810 930,922	22,277	21,812	77	78	48 088	2 824,576	18 053,418	6,392	5,927
28	29	98 282	35 059,713	774 528,186	22,092	21,627	78	79	44 809	2 536,820	15 228,843	6,003	5,539
29	30	98 206	33 766,348	739 468,474	21,900	21,435	79	80	41 330	2 255,280	12 692,022	5,628	5,163
30	31	98 121	32 517,583	705 702,126	21,702	21,238	80	81	37 665	1 981,000	10 436,742	5,268	4,804
31	32	98 033	31 314,194	673 184,542	21,498	21,033	81	82	33 896	1 718,331	8 455,742	4,921	4,456
32	33	97 932	30 151,112	641 870,348	21,288	20,824	82	83	30 048	1 468,199	6 737,411	4,589	4,124
33	34	97 828	29 030,615	611 719,236	21,072	20,607	83	84	26 186	1 233,272	5 269,212	4,273	3,808
34	35	97 720	27 950,511	582 688,621	20,847	20,383	84	85	22 355	1 014,763	4 035,939	3,977	3,513
35	36	97 602	26 907,723	554 738,110	20,616	20,152	85	86	18 662	816,522	3 021,176	3,700	3,236
36	37	97 470	25 899,982	527 830,388	20,380	19,915	86	87	15 175	639,946	2 204,655	3,445	2,981
37	38	97 339	24 930,209	501 930,406	20,133	19,669	87	88	12 002	487,860	1 564,709	3,207	2,743
38	39	97 191	23 992,543	477 000,196	19,881	19,417	88	89	9 211	360,878	1 076,849	2,984	2,520
39	40	97 031	23 087,311	453 007,654	19,621	19,157	89	90	6 824	257,698	715,970	2,778	2,314
40	41	96 859	22 213,457	429 920,342	19,354	18,890	90	91	4 870	177,259	458,273	2,585	2,121
41	42	96 664	21 367,342	407 706,885	19,081	18,616	91	92	3 327	116,719	281,014	2,408	1,943
42	43	96 455	20 550,682	386 339,544	18,799	18,335	92	93	2 156	72,900	164,295	2,254	1,789
43	44	96 225	19 760,573	365 788,861	18,511	18,047	93	94	1 323	43,106	91,395	2,120	1,656
44	45	95 969	18 995,748	346 028,288	18,216	17,752	94	95	765	24,029	48,289	2,010	1,545
45	46	95 691	18 255,957	327 032,540	17,914	17,449	95	96	417	12,636	24,261	1,920	1,456
46	47	95 374	17 537,835	308 776,583	17,606	17,142	96	97	218	6,353	11,625	1,830	1,365
47	48	95 029	16 842,826	291 238,748	17,292	16,827	97	98	108	3,043	5,272	1,732	1,268
48	49	94 641	16 167,793	274 395,921	16,972	16,507	98	99	50	1,350	2,229	1,651	1,187
49	50	94 207	15 511,868	258 228,128	16,647	16,183	99	100	21	0,556	0,879	1,581	1,116

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 534 586,200	25,430	24,965
1	3	99 305	95 715,915	2 434 915,621	25,439	24,975
2	4	99 266	92 220,184	2 339 199,706	25,365	24,901
3	5	99 242	88 864,980	2 246 979,522	25,285	24,821
4	6	99 222	85 635,542	2 158 114,542	25,201	24,737
5	7	99 204	82 525,276	2 072 479,000	25,113	24,649
6	8	99 189	79 531,018	1 989 953,724	25,021	24,557
7	9	99 173	76 643,708	1 910 422,706	24,926	24,462
8	10	99 158	73 862,454	1 833 778,998	24,827	24,363
9	11	99 144	71 182,709	1 759 916,544	24,724	24,260
10	12	99 129	68 599,213	1 688 733,835	24,617	24,153
11	13	99 113	66 109,407	1 620 134,622	24,507	24,042
12	14	99 096	63 708,759	1 554 025,215	24,393	23,928
13	15	99 078	61 394,778	1 490 316,456	24,274	23,810
14	16	99 056	59 162,628	1 428 921,679	24,152	23,688
15	17	99 030	57 009,287	1 369 759,051	24,027	23,563
16	18	99 001	54 932,408	1 312 749,763	23,898	23,433
17	19	98 955	52 922,482	1 257 817,356	23,767	23,303
18	20	98 907	50 984,822	1 204 894,874	23,632	23,168
19	21	98 851	49 114,062	1 153 910,052	23,494	23,030
20	22	98 793	47 311,254	1 104 795,990	23,352	22,887
21	23	98 731	45 572,767	1 057 484,736	23,204	22,740
22	24	98 666	43 896,388	1 011 911,969	23,052	22,588
23	25	98 605	42 283,518	968 015,580	22,893	22,429
24	26	98 541	40 728,887	925 732,062	22,729	22,265
25	27	98 474	39 230,147	885 003,175	22,559	22,095
26	28	98 405	37 785,742	845 773,028	22,383	21,919
27	29	98 334	36 393,657	807 987,286	22,201	21,737
28	30	98 257	35 050,640	771 593,629	22,014	21,549
29	31	98 177	33 756,322	736 542,989	21,819	21,355
30	32	98 090	32 507,204	702 786,667	21,619	21,155
31	33	97 999	31 303,326	670 279,463	21,412	20,948
32	34	97 897	30 140,377	638 976,137	21,200	20,736
33	35	97 790	29 019,260	608 835,760	20,980	20,516
34	36	97 681	27 939,261	579 816,499	20,753	20,288
35	37	97 557	26 895,107	551 877,238	20,520	20,055
36	38	97 425	25 888,062	524 982,131	20,279	19,815
37	39	97 282	24 915,609	499 094,069	20,031	19,567
38	40	97 133	23 978,250	474 178,460	19,775	19,311
39	41	96 965	23 071,642	450 200,210	19,513	19,049
40	42	96 785	22 196,511	427 128,568	19,243	18,779
41	43	96 583	21 349,611	404 932,056	18,967	18,502
42	44	96 369	20 532,188	383 582,446	18,682	18,218
43	45	96 127	19 740,416	363 050,258	18,391	17,927
44	46	95 863	18 974,626	343 309,841	18,093	17,629
45	47	95 569	18 232,777	324 335,216	17,789	17,324
46	48	95 237	17 512,694	306 102,439	17,479	17,014
47	49	94 877	16 815,885	288 589,745	17,162	16,697
48	50	94 470	16 138,506	271 773,860	16,840	16,376
49	51	94 021	15 481,300	255 635,354	16,513	16,048
50	52	93 518	14 841,923	240 154,054	16,181	15,716
51	53	92 960	14 220,144	225 312,131	15,845	15,380
52	54	92 348	13 615,927	211 091,987	15,503	15,039
53	55	91 663	13 026,385	197 476,060	15,160	14,695
54	56	90 904	12 451,552	184 449,675	14,813	14,349
55	57	90 070	11 891,408	171 998,122	14,464	14,000
56	58	89 159	11 345,652	160 106,714	14,112	13,647
57	59	88 159	10 812,972	148 761,062	13,758	13,293
58	60	87 072	10 293,595	137 948,090	13,401	12,937
59	61	85 871	9 784,759	127 654,496	13,046	12,582
60	62	84 601	9 291,571	117 869,737	12,686	12,221
61	63	83 243	8 811,932	108 578,165	12,322	11,857
62	64	81 786	8 344,792	99 766,233	11,956	11,491
63	65	80 205	7 887,733	91 421,441	11,590	11,126
64	66	78 523	7 443,165	83 533,708	11,223	10,758
65	67	76 726	7 009,936	76 090,543	10,855	10,390
66	68	74 814	6 588,243	69 080,607	10,485	10,021
67	69	72 840	6 182,512	62 492,364	10,108	9,644
68	70	70 733	5 786,680	56 309,852	9,731	9,267
69	71	68 564	5 406,522	50 523,172	9,345	8,880
70	72	66 250	5 035,236	45 116,650	8,960	8,496
71	73	63 833	4 676,141	40 081,414	8,571	8,107
72	74	61 312	4 329,110	35 405,273	8,178	7,714
73	75	58 687	3 994,006	31 076,163	7,781	7,316
74	76	55 939	3 669,387	27 082,157	7,381	6,916
75	77	53 026	3 352,598	23 412,770	6,983	6,519
76	78	49 969	3 045,122	20 060,172	6,588	6,123
77	79	46 737	2 745,204	17 015,049	6,198	5,734
78	80	43 333	2 453,300	14 269,845	5,817	5,352
79	81	39 742	2 168,660	11 816,545	5,449	4,984
80	82	36 005	1 893,712	9 647,886	5,095	4,630
81	83	32 189	1 631,828	7 754,174	4,752	4,287
82	84	28 302	1 382,923	6 122,346	4,427	3,963
83	85	24 426	1 150,371	4 739,423	4,120	3,655
84	86	20 628	936,402	3 589,052	3,833	3,368
85	87	17 003	743,927	2 652,650	3,566	3,101
86	88	13 639	575,190	1 908,724	3,318	2,854
87	89	10 624	431,842	1 333,534	3,088	2,624
88	90	8 005	313,633	901,692	2,875	2,411
89	91	5 815	219,575	588,060	2,678	2,214
90	92	4 055	147,597	368,485	2,497	2,032
91	93	2 703	94,827	220,888	2,329	1,865
92	94	1 705	57,649	126,061	2,187	1,722
93	95	1 012	32,969	68,411	2,075	1,611
94	96	574	18,045	35,443	1,964	1,500
95	97	305	9,231	17,398	1,885	1,420
96	98	157	4,593	8,167	1,778	1,314
97	99	75	2,116	3,574	1,689	1,225
98	100	33	0,904	1,459	1,614	1,150

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 531 203,377	25,399	24,934
1	4	99 293	95 704,511	2 431 544,667	25,407	24,942
2	5	99 257	92 211,799	2 335 840,156	25,331	24,867
3	6	99 234	88 858,315	2 243 628,357	25,250	24,785
4	7	99 215	85 629,905	2 154 770,042	25,164	24,699
5	8	99 199	82 521,208	2 069 140,136	25,074	24,610
6	9	99 183	79 526,094	1 986 618,929	24,981	24,516
7	10	99 167	76 638,749	1 907 092,834	24,884	24,420
8	11	99 152	73 858,077	1 830 454,086	24,783	24,319
9	12	99 137	71 177,407	1 756 596,009	24,679	24,215
10	13	99 121	68 593,785	1 685 418,602	24,571	24,107
11	14	99 105	66 103,740	1 616 824,816	24,459	23,994
12	15	99 086	63 702,073	1 550 721,076	24,343	23,879
13	16	99 066	61 387,097	1 487 019,002	24,224	23,759
14	17	99 042	59 154,280	1 425 631,905	24,100	23,636
15	18	99 016	57 000,940	1 366 477,625	23,973	23,508
16	19	98 981	54 921,221	1 309 476,685	23,843	23,378
17	20	98 936	52 912,267	1 254 555,464	23,710	23,246
18	21	98 889	50 975,381	1 201 643,197	23,573	23,109
19	22	98 834	49 105,931	1 150 667,817	23,432	22,968
20	23	98 776	47 303,067	1 101 561,886	23,287	22,823
21	24	98 710	45 562,878	1 054 258,818	23,139	22,674
22	25	98 649	43 888,945	1 008 695,940	22,983	22,518
23	26	98 586	42 275,634	964 806,995	22,822	22,357
24	27	98 522	40 720,962	922 531,361	22,655	22,191
25	28	98 453	39 221,578	881 810,399	22,483	22,018
26	29	98 381	37 776,318	842 588,821	22,305	21,840
27	30	98 309	36 384,239	804 812,502	22,120	21,655
28	31	98 228	35 040,232	768 428,263	21,930	21,465
29	32	98 146	33 745,547	733 388,031	21,733	21,268
30	33	98 056	32 495,922	699 642,484	21,530	21,066
31	34	97 964	31 292,181	667 146,562	21,320	20,855
32	35	97 858	30 128,589	635 854,381	21,105	20,640
33	36	97 750	29 007,581	605 725,792	20,882	20,417
34	37	97 635	27 926,162	576 718,211	20,652	20,187
35	38	97 512	26 882,729	548 792,049	20,414	19,950
36	39	97 368	25 872,900	521 909,320	20,172	19,708
37	40	97 224	24 900,766	496 036,419	19,921	19,456
38	41	97 067	23 961,976	471 135,653	19,662	19,197
39	42	96 891	23 054,041	447 173,677	19,397	18,932
40	43	96 705	22 178,092	424 119,635	19,123	18,659
41	44	96 496	21 330,398	401 941,543	18,844	18,379
42	45	96 270	20 511,244	380 611,145	18,556	18,092
43	46	96 020	19 718,466	360 099,901	18,262	17,798
44	47	95 741	18 950,533	340 381,435	17,962	17,497
45	48	95 432	18 206,639	321 430,902	17,655	17,190
46	49	95 085	17 484,681	303 224,262	17,342	16,878
47	50	94 705	16 785,424	285 739,581	17,023	16,559
48	51	94 283	16 106,702	268 954,157	16,698	16,234
49	52	93 813	15 447,105	252 847,455	16,369	15,904
50	53	93 288	14 805,481	237 400,350	16,035	15,570
51	54	92 706	14 181,278	222 594,869	15,696	15,232
52	55	92 070	13 574,948	208 413,590	15,353	14,888
53	56	91 359	12 983,224	194 838,642	15,007	14,543
54	57	90 575	12 406,492	181 855,418	14,658	14,194
55	58	89 710	11 843,934	169 448,927	14,307	13,842
56	59	88 765	11 295,612	157 604,992	13,953	13,488
57	60	87 733	10 760,745	146 309,381	13,597	13,132
58	61	86 602	10 238,102	135 548,636	13,240	12,775
59	62	85 391	9 730,012	125 310,534	12,879	12,414
60	63	84 087	9 235,110	115 580,522	12,515	12,051
61	64	82 694	8 753,911	106 345,412	12,148	11,684
62	65	81 190	8 283,980	97 591,501	11,781	11,316
63	66	79 563	7 824,535	89 307,521	11,414	10,949
64	67	77 837	7 378,146	81 482,986	11,044	10,579
65	68	75 982	6 941,979	74 104,840	10,675	10,210
66	69	74 050	6 520,946	67 162,861	10,300	9,835
67	70	72 026	6 113,440	60 641,915	9,919	9,455
68	71	69 871	5 716,177	54 528,475	9,539	9,075
69	72	67 646	5 334,127	48 812,298	9,151	8,687
70	73	65 296	4 962,682	43 478,171	8,761	8,297
71	74	62 844	4 603,741	38 515,489	8,366	7,902
72	75	60 263	4 255,045	33 911,748	7,970	7,505
73	76	57 568	3 917,850	29 656,702	7,570	7,105
74	77	54 718	3 589,299	25 738,852	7,171	6,707
75	78	51 729	3 270,621	22 149,553	6,772	6,308
76	79	48 565	2 959,554	18 878,932	6,379	5,915
77	80	45 198	2 654,823	15 919,379	5,996	5,532
78	81	41 669	2 359,074	13 264,555	5,623	5,158
79	82	37 991	2 073,103	10 905,482	5,260	4,796
80	83	34 192	1 798,380	8 832,379	4,911	4,447
81	84	30 320	1 537,048	7 033,999	4,576	4,112
82	85	26 400	1 289,962	5 496,951	4,261	3,797
83	86	22 540	1 061,538	4 206,989	3,963	3,499
84	87	18 794	853,148	3 145,452	3,687	3,222
85	88	15 282	668,649	2 292,303	3,428	2,964
86	89	12 073	509,143	1 623,655	3,189	2,725
87	90	9 233	375,306	1 114,511	2,970	2,505
88	91	6 821	267,235	739,206	2,766	2,302
89	92	4 842	182,832	471,971	2,581	2,117
90	93	3 295	119,914	289,139	2,411	1,947
91	94	2 138	74,989	169,224	2,257	1,792
92	95	1 304	44,092	94,235	2,137	1,673
93	96	760	24,758	50,143	2,025	1,561
94	97	420	13,182	25,385	1,926	1,461
95	98	220	6,673	12,203	1,829	1,364
96	99	109	3,193	5,530	1,732	1,267
97	100	50	1,416	2,336	1,650	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 527 572,298	25,365	24,901
1	5	99 284	95 695,809	2 427 925,461	25,371	24,907
2	6	99 250	92 204,883	2 332 229,652	25,294	24,830
3	7	99 228	88 852,466	2 240 024,769	25,211	24,746
4	8	99 210	85 625,684	2 151 172,303	25,123	24,659
5	9	99 193	82 516,099	2 065 546,618	25,032	24,568
6	10	99 177	79 520,948	1 983 030,520	24,937	24,473
7	11	99 161	76 634,207	1 903 509,571	24,839	24,374
8	12	99 145	73 852,576	1 826 875,364	24,737	24,272
9	13	99 129	71 171,776	1 753 022,788	24,631	24,166
10	14	99 113	68 587,906	1 681 851,012	24,521	24,057
11	15	99 095	66 096,804	1 613 263,107	24,408	23,943
12	16	99 073	63 694,104	1 547 166,303	24,291	23,826
13	17	99 052	61 378,435	1 483 472,199	24,169	23,705
14	18	99 028	59 145,619	1 422 093,764	24,044	23,580
15	19	98 995	56 989,332	1 362 948,145	23,916	23,451
16	20	98 961	54 910,620	1 305 958,812	23,783	23,319
17	21	98 918	52 902,469	1 251 048,193	23,648	23,184
18	22	98 872	50 966,941	1 198 145,723	23,508	23,044
19	23	98 817	49 097,433	1 147 178,782	23,365	22,901
20	24	98 755	47 292,803	1 098 081,349	23,219	22,754
21	25	98 693	45 555,152	1 050 788,545	23,066	22,602
22	26	98 631	43 880,761	1 005 233,393	22,908	22,444
23	27	98 567	42 267,408	961 352,632	22,745	22,280
24	28	98 500	40 712,068	919 085,224	22,575	22,111
25	29	98 428	39 211,797	878 373,156	22,401	21,936
26	30	98 355	37 766,543	839 161,360	22,220	21,755
27	31	98 280	36 373,435	801 394,817	22,032	21,568
28	32	98 196	35 029,048	765 021,381	21,840	21,375
29	33	98 112	33 733,836	729 992,334	21,640	21,175
30	34	98 021	32 484,352	696 258,498	21,434	20,969
31	35	97 926	31 279,942	663 774,146	21,220	20,756
32	36	97 819	30 116,462	632 494,204	21,002	20,537
33	37	97 705	28 993,981	602 377,741	20,776	20,312
34	38	97 590	27 913,310	573 383,761	20,542	20,077
35	39	97 455	26 866,985	545 470,451	20,303	19,838
36	40	97 310	25 857,488	518 603,466	20,056	19,592
37	41	97 158	24 883,866	492 745,978	19,802	19,337
38	42	96 993	23 943,697	467 862,112	19,540	19,076
39	43	96 811	23 034,911	443 918,415	19,272	18,807
40	44	96 618	22 158,134	420 883,504	18,995	18,530
41	45	96 398	21 308,640	398 725,370	18,712	18,247
42	46	96 163	20 488,437	377 416,730	18,421	17,957
43	47	95 898	19 693,429	356 928,294	18,124	17,660
44	48	95 604	18 923,367	337 234,865	17,821	17,357
45	49	95 279	18 177,516	318 311,498	17,511	17,047
46	50	94 912	17 453,009	300 133,982	17,197	16,732
47	51	94 518	16 752,346	282 680,973	16,874	16,410
48	52	94 075	16 071,126	265 928,628	16,547	16,083
49	53	93 583	15 409,178	249 857,502	16,215	15,750
50	54	93 033	14 765,016	234 448,324	15,879	15,414
51	55	92 427	14 138,598	219 683,308	15,538	15,073
52	56	91 765	13 529,969	205 544,710	15,192	14,727
53	57	91 029	12 936,239	192 014,741	14,843	14,379
54	58	90 213	12 356,961	179 078,502	14,492	14,028
55	59	89 315	11 791,696	166 721,540	14,139	13,674
56	60	88 337	11 241,054	154 929,845	13,783	13,318
57	61	87 260	10 702,733	143 688,791	13,425	12,961
58	62	86 118	10 180,819	132 986,057	13,062	12,598
59	63	84 872	9 670,886	122 805,239	12,698	12,234
60	64	83 533	9 174,302	113 134,352	12,332	11,867
61	65	82 092	8 690,118	103 960,050	11,963	11,499
62	66	80 539	8 217,608	95 269,932	11,593	11,129
63	67	78 868	7 756,184	87 052,324	11,224	10,759
64	68	77 082	7 306,619	79 296,140	10,853	10,388
65	69	75 206	6 871,068	71 989,521	10,477	10,013
66	70	73 223	6 448,093	65 118,452	10,099	9,634
67	71	71 148	6 038,957	58 670,360	9,715	9,251
68	72	68 935	5 639,636	52 631,403	9,332	8,868
69	73	66 671	5 257,266	46 991,768	8,938	8,474
70	74	64 285	4 885,846	41 734,502	8,542	8,077
71	75	61 769	4 524,979	36 848,656	8,143	7,679
72	76	59 114	4 173,912	32 323,678	7,744	7,280
73	77	56 311	3 832,339	28 149,765	7,345	6,881
74	78	53 380	3 501,534	24 317,427	6,945	6,480
75	79	50 276	3 178,716	20 815,893	6,549	6,084
76	80	46 966	2 862,115	17 637,177	6,162	5,698
77	81	43 462	2 552,857	14 775,062	5,788	5,323
78	82	39 833	2 255,127	12 222,205	5,420	4,955
79	83	36 079	1 968,740	9 967,078	5,063	4,598
80	84	32 206	1 693,926	7 998,338	4,722	4,257
81	85	28 282	1 433,726	6 304,412	4,397	3,933
82	86	24 361	1 190,349	4 870,686	4,092	3,627
83	87	20 536	967,159	3 680,337	3,805	3,341
84	88	16 892	766,818	2 713,178	3,538	3,074
85	89	13 527	591,871	1 946,360	3,288	2,824
86	90	10 492	442,487	1 354,489	3,061	2,597
87	91	7 867	319,784	912,001	2,852	2,388
88	92	5 680	222,517	592,217	2,661	2,197
89	93	3 934	148,540	369,700	2,489	2,024
90	94	2 605	94,828	221,159	2,332	1,868
91	95	1 635	57,354	126,331	2,203	1,738
92	96	979	33,111	68,977	2,083	1,619
93	97	555	18,086	35,866	1,983	1,519
94	98	303	9,530	17,779	1,866	1,401
95	99	153	4,640	8,250	1,778	1,314
96	100	73	2,138	3,610	1,689	1,224

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 523 680,972	25,329	24,864
1	6	99 277	95 688,632	2 424 043,196	25,333	24,868
2	7	99 243	92 198,814	2 328 354,563	25,254	24,789
3	8	99 223	88 848,086	2 236 155,750	25,168	24,704
4	9	99 204	85 620,383	2 147 307,663	25,079	24,615
5	10	99 186	82 510,759	2 061 687,281	24,987	24,522
6	11	99 171	79 516,236	1 979 176,521	24,890	24,426
7	12	99 153	76 628,499	1 899 660,285	24,791	24,326
8	13	99 137	73 846,733	1 823 031,785	24,687	24,222
9	14	99 121	71 165,675	1 749 185,052	24,579	24,115
10	15	99 102	68 580,708	1 678 019,377	24,468	24,003
11	16	99 082	66 088,535	1 609 438,669	24,353	23,888
12	17	99 059	63 685,117	1 543 350,134	24,234	23,770
13	18	99 037	61 369,448	1 479 665,017	24,111	23,646
14	19	99 007	59 133,574	1 418 295,569	23,985	23,520
15	20	98 976	56 978,332	1 359 161,995	23,854	23,390
16	21	98 943	54 900,452	1 302 183,663	23,719	23,255
17	22	98 901	52 893,711	1 247 283,211	23,581	23,117
18	23	98 855	50 958,122	1 194 389,500	23,439	22,974
19	24	98 796	49 086,780	1 143 431,378	23,294	22,830
20	25	98 738	47 284,784	1 094 344,598	23,144	22,679
21	26	98 675	45 546,658	1 047 059,814	22,989	22,524
22	27	98 612	43 872,223	1 001 513,156	22,828	22,364
23	28	98 546	42 258,176	957 640,933	22,662	22,197
24	29	98 476	40 701,914	915 382,758	22,490	22,025
25	30	98 403	39 201,649	874 680,843	22,312	21,848
26	31	98 326	37 755,328	835 479,194	22,129	21,664
27	32	98 248	36 361,825	797 723,865	21,938	21,474
28	33	98 162	35 016,891	761 362,040	21,743	21,278
29	34	98 077	33 721,825	726 345,149	21,539	21,075
30	35	97 982	32 471,647	692 623,324	21,330	20,866
31	36	97 886	31 267,352	660 151,677	21,113	20,649
32	37	97 773	30 102,342	628 884,325	20,892	20,427
33	38	97 660	28 980,637	598 781,982	20,661	20,197
34	39	97 533	27 896,962	569 801,345	20,425	19,961
35	40	97 397	26 850,981	541 904,383	20,182	19,717
36	41	97 244	25 839,938	515 053,403	19,932	19,468
37	42	97 084	24 864,883	489 213,464	19,675	19,210
38	43	96 912	23 923,828	464 348,581	19,409	18,945
39	44	96 723	23 014,181	440 424,753	19,137	18,673
40	45	96 519	22 135,532	417 410,572	18,857	18,393
41	46	96 291	21 284,945	395 275,040	18,571	18,106
42	47	96 041	20 462,422	373 990,095	18,277	17,812
43	48	95 761	19 665,197	353 527,673	17,977	17,513
44	49	95 451	18 893,097	333 862,476	17,671	17,207
45	50	95 107	18 144,589	314 969,378	17,359	16,894
46	51	94 725	17 418,614	296 824,789	17,041	16,576
47	52	94 310	16 715,343	279 406,175	16,716	16,251
48	53	93 844	16 031,667	262 690,832	16,386	15,921
49	54	93 327	15 367,062	246 659,165	16,051	15,587
50	55	92 753	14 720,578	231 292,103	15,712	15,248
51	56	92 121	14 091,751	216 571,524	15,369	14,904
52	57	91 433	13 481,006	202 479,773	15,020	14,555
53	58	90 665	12 884,594	188 998,767	14,669	14,204
54	59	89 815	12 302,460	176 114,173	14,315	13,851
55	60	88 883	11 734,742	163 811,713	13,960	13,495
56	61	87 860	11 180,453	152 076,971	13,602	13,138
57	62	86 772	10 642,851	140 896,518	13,239	12,774
58	63	85 594	10 118,954	130 253,668	12,872	12,408
59	64	84 313	9 607,209	120 134,714	12,505	12,040
60	65	82 925	9 107,446	110 527,505	12,136	11,672
61	66	81 434	8 620,492	101 420,059	11,765	11,301
62	67	79 836	8 145,823	92 799,567	11,392	10,928
63	68	78 103	7 680,993	84 653,744	11,021	10,557
64	69	76 295	7 231,984	76 972,751	10,643	10,179
65	70	74 366	6 794,304	69 740,768	10,265	9,800
66	71	72 331	6 369,532	62 946,464	9,882	9,418
67	72	70 196	5 958,093	56 576,932	9,496	9,031
68	73	67 942	5 558,372	50 618,839	9,107	8,642
69	74	65 639	5 175,869	45 060,467	8,706	8,241
70	75	63 185	4 802,257	39 884,598	8,305	7,841
71	76	60 591	4 438,699	35 082,342	7,904	7,439
72	77	57 823	4 082,812	30 643,643	7,506	7,041
73	78	54 934	3 738,631	26 560,831	7,104	6,640
74	79	51 880	3 403,140	22 822,200	6,706	6,242
75	80	48 621	3 074,062	19 419,060	6,317	5,853
76	81	45 162	2 752,187	16 344,998	5,939	5,474
77	82	41 547	2 440,371	13 592,811	5,570	5,106
78	83	37 828	2 141,600	11 152,439	5,208	4,743
79	84	33 983	1 854,391	9 010,839	4,859	4,395
80	85	30 042	1 580,059	7 156,448	4,529	4,065
81	86	26 098	1 323,012	5 576,389	4,215	3,750
82	87	22 195	1 084,518	4 253,377	3,922	3,457
83	88	18 458	869,292	3 168,859	3,645	3,181
84	89	14 953	678,768	2 299,567	3,388	2,923
85	90	11 756	514,384	1 620,799	3,151	2,687
86	91	8 940	377,027	1 106,414	2,935	2,470
87	92	6 551	266,273	729,387	2,739	2,275
88	93	4 614	180,782	463,114	2,562	2,097
89	94	3 111	117,466	282,332	2,404	1,939
90	95	1 993	72,527	164,866	2,273	1,809
91	96	1 228	43,071	92,338	2,144	1,679
92	97	715	24,188	49,268	2,037	1,572
93	98	401	13,075	25,079	1,918	1,454
94	99	211	6,626	12,004	1,812	1,347
95	100	103	3,106	5,378	1,731	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 519 514,801	25,289	24,824
1	7	99 270	95 682,333	2 419 884,497	25,291	24,826
2	8	99 238	92 194,269	2 324 202,163	25,210	24,745
3	9	99 217	88 842,585	2 232 007,895	25,123	24,659
4	10	99 198	85 614,843	2 143 165,309	25,033	24,568
5	11	99 180	82 505,870	2 057 550,467	24,938	24,474
6	12	99 164	79 510,314	1 975 044,596	24,840	24,376
7	13	99 145	76 622,437	1 895 534,283	24,739	24,274
8	14	99 129	73 840,403	1 818 911,846	24,633	24,169
9	15	99 110	71 158,207	1 745 071,443	24,524	24,059
10	16	99 090	68 572,129	1 673 913,236	24,411	23,947
11	17	99 068	66 079,210	1 605 341,107	24,294	23,830
12	18	99 045	63 675,792	1 539 261,897	24,173	23,709
13	19	99 017	61 356,951	1 475 586,105	24,049	23,585
14	20	98 988	59 122,160	1 414 229,154	23,920	23,456
15	21	98 958	56 967,781	1 355 106,994	23,787	23,323
16	22	98 927	54 891,363	1 298 139,213	23,649	23,185
17	23	98 884	52 884,558	1 243 247,850	23,509	23,044
18	24	98 834	50 947,065	1 190 363,292	23,365	22,900
19	25	98 779	49 078,456	1 139 416,227	23,216	22,752
20	26	98 719	47 275,967	1 090 337,771	23,063	22,599
21	27	98 656	45 537,796	1 043 061,804	22,905	22,441
22	28	98 590	43 862,640	997 524,008	22,742	22,278
23	29	98 521	42 247,637	953 661,368	22,573	22,109
24	30	98 450	40 691,382	911 413,731	22,398	21,934
25	31	98 373	39 190,009	870 722,350	22,218	21,754
26	32	98 295	37 743,277	831 532,341	22,031	21,567
27	33	98 214	36 349,206	793 789,063	21,838	21,373
28	34	98 127	35 004,423	757 439,857	21,638	21,174
29	35	98 038	33 708,636	722 435,434	21,432	20,967
30	36	97 943	32 458,578	688 726,799	21,219	20,754
31	37	97 841	31 252,693	656 268,221	20,999	20,534
32	38	97 728	30 088,489	625 015,528	20,773	20,308
33	39	97 603	28 963,664	594 927,039	20,540	20,076
34	40	97 475	27 880,344	565 963,375	20,300	19,835
35	41	97 331	26 832,757	538 083,031	20,053	19,589
36	42	97 170	25 820,226	511 250,275	19,800	19,336
37	43	97 003	24 844,250	485 430,048	19,539	19,075
38	44	96 825	23 902,298	460 585,798	19,270	18,805
39	45	96 625	22 990,706	436 683,500	18,994	18,529
40	46	96 412	22 110,918	413 692,794	18,710	18,245
41	47	96 169	21 257,919	391 581,876	18,421	17,956
42	48	95 903	20 433,088	370 323,957	18,124	17,659
43	49	95 607	19 633,741	349 890,869	17,821	17,356
44	50	95 278	18 858,873	330 257,127	17,512	17,048
45	51	94 919	18 108,832	311 398,254	17,196	16,732
46	52	94 516	17 380,141	293 289,422	16,875	16,411
47	53	94 078	16 674,302	275 909,282	16,547	16,083
48	54	93 588	15 987,850	259 234,980	16,214	15,750
49	55	93 046	15 320,813	243 247,130	15,877	15,412
50	56	92 446	14 671,803	227 926,317	15,535	15,071
51	57	91 788	14 040,755	213 254,513	15,188	14,724
52	58	91 068	13 427,186	199 213,759	14,837	14,372
53	59	90 265	12 827,766	185 786,573	14,483	14,019
54	60	89 381	12 243,039	172 958,807	14,127	13,663
55	61	88 404	11 671,480	160 715,767	13,770	13,306
56	62	87 369	11 117,897	149 044,288	13,406	12,941
57	63	86 245	10 578,178	137 926,391	13,039	12,574
58	64	85 031	10 052,326	127 348,213	12,669	12,204
59	65	83 699	9 537,198	117 295,887	12,299	11,834
60	66	82 260	9 034,475	107 758,688	11,927	11,463
61	67	80 723	8 545,188	98 724,213	11,553	11,089
62	68	79 062	8 066,854	90 179,025	11,179	10,715
63	69	77 305	7 602,533	82 112,171	10,801	10,336
64	70	75 443	7 151,187	74 509,638	10,419	9,955
65	71	73 460	6 711,525	67 358,451	10,036	9,572
66	72	71 362	6 284,242	60 646,926	9,651	9,186
67	73	69 184	5 872,241	54 362,684	9,258	8,793
68	74	66 890	5 472,313	48 490,444	8,861	8,397
69	75	64 516	5 087,318	43 018,130	8,456	7,992
70	76	61 980	4 710,690	37 930,812	8,052	7,588
71	77	59 269	4 341,819	33 220,123	7,651	7,187
72	78	56 409	3 982,980	28 878,304	7,250	6,786
73	79	53 391	3 633,574	24 895,324	6,851	6,387
74	80	50 172	3 291,097	21 261,750	6,460	5,996
75	81	46 753	2 955,993	17 970,652	6,079	5,615
76	82	43 172	2 630,919	15 014,659	5,707	5,243
77	83	39 455	2 317,519	12 383,740	5,344	4,879
78	84	35 631	2 017,212	10 066,221	4,990	4,526
79	85	31 699	1 729,738	8 049,009	4,653	4,189
80	86	27 722	1 458,045	6 319,271	4,334	3,870
81	87	23 777	1 205,386	4 861,227	4,033	3,568
82	88	19 949	974,776	3 655,841	3,750	3,286
83	89	16 338	769,475	2 681,065	3,484	3,020
84	90	12 995	589,905	1 911,589	3,241	2,776
85	91	10 017	438,288	1 321,684	3,016	2,551
86	92	7 444	313,937	883,396	2,814	2,350
87	93	5 322	216,331	569,459	2,632	2,168
88	94	3 649	142,963	353,128	2,470	2,006
89	95	2 379	89,841	210,165	2,339	1,875
90	96	1 496	54,466	120,323	2,209	1,745
91	97	897	31,464	65,858	2,093	1,629
92	98	517	17,487	34,394	1,967	1,502
93	99	279	9,091	16,907	1,860	1,395
94	100	141	4,436	7,816	1,762	1,298

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 515 060,678	25,246	24,781
1	8	99 266	95 677,617	2 415 436,932	25,246	24,781
2	9	99 232	92 188,561	2 319 759,315	25,163	24,699
3	10	99 210	88 836,837	2 227 570,754	25,075	24,610
4	11	99 192	85 609,770	2 138 733,917	24,982	24,518
5	12	99 173	82 499,725	2 053 124,148	24,886	24,422
6	13	99 156	79 504,023	1 970 624,423	24,786	24,322
7	14	99 137	76 615,869	1 891 120,400	24,683	24,219
8	15	99 118	73 832,654	1 814 504,531	24,576	24,111
9	16	99 098	71 149,305	1 740 671,876	24,465	24,001
10	17	99 076	68 562,453	1 669 522,571	24,350	23,886
11	18	99 054	66 069,535	1 600 960,118	24,231	23,767
12	19	99 025	63 662,825	1 534 890,584	24,110	23,645
13	20	98 998	61 345,108	1 471 227,759	23,983	23,518
14	21	98 970	59 111,212	1 409 882,651	23,851	23,387
15	22	98 942	56 958,350	1 350 771,439	23,715	23,251
16	23	98 910	54 881,864	1 293 813,089	23,575	23,110
17	24	98 863	52 873,083	1 238 931,224	23,432	22,968
18	25	98 817	50 938,426	1 186 058,142	23,284	22,820
19	26	98 761	49 069,305	1 135 119,716	23,133	22,669
20	27	98 700	47 266,768	1 086 050,411	22,977	22,513
21	28	98 634	45 527,849	1 038 783,643	22,816	22,352
22	29	98 565	43 851,701	993 255,794	22,650	22,186
23	30	98 496	42 236,704	949 404,093	22,478	22,014
24	31	98 421	40 679,299	907 167,389	22,300	21,836
25	32	98 342	39 177,500	866 488,090	22,117	21,653
26	33	98 261	37 730,179	827 310,590	21,927	21,463
27	34	98 179	36 336,264	789 580,411	21,730	21,265
28	35	98 089	34 990,733	753 244,147	21,527	21,063
29	36	97 999	33 695,068	718 253,415	21,316	20,852
30	37	97 897	32 443,360	684 558,346	21,100	20,636
31	38	97 795	31 238,310	652 114,987	20,875	20,411
32	39	97 671	30 070,867	620 876,677	20,647	20,183
33	40	97 544	28 946,410	590 805,810	20,410	19,946
34	41	97 409	27 861,421	561 859,400	20,166	19,702
35	42	97 256	26 812,287	533 997,978	19,916	19,452
36	43	97 089	25 798,800	507 185,691	19,659	19,195
37	44	96 916	24 821,892	481 386,891	19,394	18,929
38	45	96 726	23 877,917	456 564,999	19,121	18,656
39	46	96 517	22 965,141	432 687,082	18,841	18,377
40	47	96 290	22 082,843	409 721,941	18,554	18,089
41	48	96 031	21 227,445	387 639,098	18,261	17,797
42	49	95 750	20 400,404	366 411,653	17,961	17,497
43	50	95 434	19 598,176	346 011,249	17,655	17,191
44	51	95 090	18 821,709	326 413,073	17,342	16,878
45	52	94 710	18 068,833	307 591,364	17,023	16,559
46	53	94 284	17 337,467	289 522,531	16,699	16,235
47	54	93 821	16 628,729	272 185,064	16,368	15,904
48	55	93 306	15 939,732	255 556,335	16,033	15,568
49	56	92 738	15 270,049	239 616,602	15,692	15,228
50	57	92 112	14 618,708	224 346,553	15,347	14,882
51	58	91 421	13 984,700	209 727,845	14,997	14,533
52	59	90 666	13 367,965	195 743,145	14,643	14,178
53	60	89 829	12 765,808	182 375,181	14,286	13,822
54	61	88 899	12 177,037	169 609,373	13,929	13,464
55	62	87 909	11 606,177	157 432,336	13,565	13,100
56	63	86 838	11 050,338	145 826,160	13,197	12,732
57	64	85 677	10 508,527	134 775,822	12,825	12,361
58	65	84 411	9 979,071	124 267,295	12,453	11,988
59	66	83 028	9 460,785	114 288,224	12,080	11,616
60	67	81 542	8 955,556	104 827,439	11,705	11,241
61	68	79 940	8 462,347	95 871,884	11,329	10,865
62	69	78 254	7 984,453	87 409,536	10,947	10,483
63	70	76 442	7 517,596	79 425,083	10,565	10,101
64	71	74 523	7 064,060	71 907,487	10,179	9,715
65	72	72 476	6 621,655	64 843,427	9,793	9,328
66	73	70 334	6 193,690	58 221,772	9,400	8,936
67	74	68 113	5 781,322	52 028,082	8,999	8,535
68	75	65 746	5 378,691	46 246,760	8,598	8,134
69	76	63 286	4 990,315	40 868,069	8,189	7,725
70	77	60 627	4 607,874	35 877,754	7,786	7,322
71	78	57 820	4 235,653	31 269,880	7,383	6,918
72	79	54 824	3 871,057	27 034,227	6,984	6,519
73	80	51 633	3 513,945	23 163,170	6,592	6,127
74	81	48 245	3 164,693	19 649,224	6,209	5,744
75	82	44 693	2 825,745	16 484,531	5,834	5,369
76	83	40 999	2 498,474	13 658,787	5,467	5,002
77	84	37 164	2 182,913	11 160,312	5,113	4,648
78	85	33 236	1 881,613	8 977,399	4,771	4,307
79	86	29 251	1 596,165	7 095,786	4,446	3,981
80	87	25 257	1 328,413	5 499,621	4,140	3,676
81	88	21 371	1 083,413	4 171,208	3,850	3,386
82	89	17 659	862,847	3 087,795	3,579	3,114
83	90	14 199	668,737	2 224,948	3,327	2,863
84	91	11 073	502,637	1 556,210	3,096	2,632
85	92	8 341	364,947	1 053,574	2,887	2,422
86	93	6 048	255,056	688,627	2,700	2,235
87	94	4 209	171,075	433,571	2,534	2,070
88	95	2 791	109,342	262,496	2,401	1,936
89	96	1 787	67,468	153,154	2,270	1,806
90	97	1 093	39,788	85,686	2,154	1,689
91	98	648	22,747	45,898	2,018	1,553
92	99	360	12,158	23,152	1,904	1,440
93	100	187	6,086	10,994	1,806	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 510 306,448	25,199	24,735
1	9	99 259	95 671,693	2 410 687,613	25,198	24,733
2	10	99 226	92 182,596	2 315 015,920	25,113	24,649
3	11	99 205	88 831,573	2 222 833,325	25,023	24,559
4	12	99 184	85 603,393	2 134 001,752	24,929	24,465
5	13	99 165	82 493,198	2 048 398,359	24,831	24,367
6	14	99 147	79 497,208	1 965 905,161	24,729	24,265
7	15	99 127	76 607,829	1 886 407,953	24,624	24,160
8	16	99 106	73 823,418	1 809 800,123	24,515	24,051
9	17	99 084	71 139,266	1 735 976,706	24,403	23,938
10	18	99 061	68 552,414	1 664 837,440	24,286	23,821
11	19	99 033	66 056,080	1 596 285,026	24,166	23,701
12	20	99 006	63 650,537	1 530 228,946	24,041	23,577
13	21	98 979	61 333,748	1 466 578,409	23,911	23,447
14	22	98 954	59 101,426	1 405 244,661	23,777	23,312
15	23	98 924	56 948,493	1 346 143,234	23,638	23,173
16	24	98 888	54 869,956	1 289 194,741	23,495	23,031
17	25	98 846	52 864,117	1 234 324,785	23,349	22,885
18	26	98 799	50 928,928	1 181 460,668	23,198	22,734
19	27	98 741	49 059,758	1 130 531,741	23,044	22,580
20	28	98 679	47 256,444	1 081 471,983	22,885	22,421
21	29	98 610	45 516,495	1 034 215,539	22,722	22,257
22	30	98 540	43 840,353	988 699,044	22,552	22,088
23	31	98 466	42 224,162	944 858,691	22,377	21,913
24	32	98 390	40 666,314	902 634,529	22,196	21,732
25	33	98 308	39 163,903	861 968,215	22,009	21,545
26	34	98 226	37 716,745	822 804,311	21,815	21,351
27	35	98 141	36 322,052	785 087,567	21,615	21,150
28	36	98 049	34 976,649	748 765,514	21,408	20,943
29	37	97 953	33 679,271	713 788,865	21,194	20,729
30	38	97 852	32 428,429	680 109,594	20,973	20,508
31	39	97 738	31 220,015	647 681,166	20,746	20,281
32	40	97 613	30 052,954	616 461,151	20,512	20,048
33	41	97 478	28 926,764	586 408,197	20,272	19,808
34	42	97 335	27 840,167	557 481,433	20,024	19,560
35	43	97 176	26 790,038	529 641,266	19,770	19,306
36	44	97 002	25 775,583	502 851,228	19,509	19,044
37	45	96 817	24 796,573	477 075,645	19,240	18,775
38	46	96 619	23 851,366	452 279,072	18,962	18,498
39	47	96 395	22 935,982	428 427,706	18,679	18,215
40	48	96 152	22 051,186	405 491,725	18,389	17,924
41	49	95 877	21 193,490	383 440,539	18,092	17,628
42	50	95 577	20 363,450	362 247,048	17,789	17,325
43	51	95 246	19 559,554	341 883,599	17,479	17,015
44	52	94 880	18 780,136	322 324,044	17,163	16,699
45	53	94 477	18 024,469	303 543,909	16,841	16,376
46	54	94 026	17 290,081	285 519,439	16,513	16,049
47	55	93 539	16 578,682	268 229,358	16,179	15,715
48	56	92 997	15 886,918	251 650,676	15,840	15,376
49	57	92 402	15 214,789	235 763,758	15,496	15,031
50	58	91 744	14 560,346	220 548,969	15,147	14,683
51	59	91 018	13 923,020	205 988,623	14,795	14,330
52	60	90 229	13 303,397	192 065,604	14,437	13,973
53	61	89 345	12 696,987	178 762,206	14,079	13,615
54	62	88 402	12 108,905	166 065,219	13,714	13,250
55	63	87 375	11 535,650	153 956,314	13,346	12,882
56	64	86 266	10 977,578	142 420,664	12,974	12,509
57	65	85 053	10 431,947	131 443,087	12,600	12,136
58	66	83 735	9 899,117	121 011,139	12,224	11,760
59	67	82 303	9 378,141	111 112,022	11,848	11,384
60	68	80 751	8 868,737	101 733,881	11,471	11,007
61	69	79 124	8 375,906	92 865,144	11,087	10,623
62	70	77 380	7 895,249	84 489,238	10,701	10,237
63	71	75 510	7 426,005	76 593,989	10,314	9,850
64	72	73 526	6 969,470	69 167,983	9,924	9,460
65	73	71 432	6 526,242	62 198,514	9,531	9,066
66	74	69 245	6 097,795	55 672,272	9,130	8,665
67	75	66 948	5 682,413	49 574,478	8,724	8,260
68	76	64 492	5 276,132	43 892,065	8,319	7,855
69	77	61 905	4 881,396	38 615,932	7,911	7,446
70	78	59 145	4 495,202	33 734,536	7,505	7,040
71	79	56 195	4 116,631	29 239,334	7,103	6,638
72	80	53 019	3 743,609	25 122,703	6,711	6,246
73	81	49 650	3 378,982	21 379,094	6,327	5,863
74	82	46 119	3 025,248	18 000,112	5,950	5,486
75	83	42 443	2 683,492	14 974,864	5,580	5,116
76	84	38 617	2 353,358	12 291,371	5,223	4,758
77	85	34 666	2 036,176	9 938,013	4,881	4,416
78	86	30 669	1 736,312	7 901,837	4,551	4,087
79	87	26 650	1 454,254	6 165,525	4,240	3,775
80	88	22 701	1 193,991	4 711,271	3,946	3,481
81	89	18 917	959,010	3 517,280	3,668	3,203
82	90	15 347	749,885	2 558,270	3,412	2,947
83	91	12 099	569,806	1 808,385	3,174	2,709
84	92	9 220	418,528	1 238,579	2,959	2,495
85	93	6 777	296,498	820,051	2,766	2,301
86	94	4 783	201,699	523,553	2,596	2,131
87	95	3 219	130,843	321,855	2,460	1,995
88	96	2 096	82,112	191,012	2,326	1,862
89	97	1 305	49,286	108,900	2,210	1,745
90	98	790	28,764	59,613	2,072	1,608
91	99	451	15,815	30,849	1,951	1,486
92	100	241	8,140	15,034	1,847	1,383

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 505 239,433	25,150	24,685
1	10	99 253	95 665,503	2 405 626,766	25,146	24,682
2	11	99 220	92 177,133	2 309 961,263	25,060	24,596
3	12	99 197	88 824,956	2 217 784,130	24,968	24,504
4	13	99 177	85 596,621	2 128 959,173	24,872	24,408
5	14	99 157	82 486,127	2 043 362,553	24,772	24,308
6	15	99 137	79 488,866	1 960 876,426	24,669	24,204
7	16	99 114	76 598,245	1 881 387,560	24,562	24,097
8	17	99 092	73 813,001	1 804 789,315	24,451	23,986
9	18	99 069	71 128,850	1 730 976,313	24,336	23,871
10	19	99 041	68 538,454	1 659 847,464	24,218	23,753
11	20	99 014	66 043,330	1 591 309,010	24,095	23,631
12	21	98 987	63 638,751	1 525 265,680	23,968	23,503
13	22	98 963	61 323,594	1 461 626,930	23,835	23,370
14	23	98 936	59 091,199	1 400 303,335	23,697	23,233
15	24	98 903	56 936,137	1 341 212,136	23,556	23,092
16	25	98 871	54 860,651	1 284 276,000	23,410	22,945
17	26	98 827	52 854,260	1 229 415,349	23,260	22,796
18	27	98 779	50 919,018	1 176 561,089	23,107	22,642
19	28	98 720	49 049,041	1 125 642,071	22,949	22,485
20	29	98 654	47 244,658	1 076 593,029	22,788	22,323
21	30	98 584	45 504,716	1 029 348,371	22,621	22,156
22	31	98 511	43 827,335	983 843,655	22,448	21,984
23	32	98 435	42 210,685	940 016,319	22,270	21,805
24	33	98 355	40 652,201	897 805,635	22,085	21,621
25	34	98 273	39 149,959	857 153,433	21,894	21,430
26	35	98 187	37 701,993	818 003,474	21,697	21,232
27	36	98 101	36 307,433	780 301,481	21,492	21,027
28	37	98 003	34 960,251	743 994,048	21,281	20,817
29	38	97 908	33 663,771	709 033,797	21,062	20,598
30	39	97 795	32 409,437	675 370,026	20,839	20,374
31	40	97 680	31 201,417	642 960,590	20,607	20,142
32	41	97 546	30 032,557	611 759,173	20,370	19,905
33	42	97 404	28 904,697	581 726,616	20,126	19,661
34	43	97 254	27 817,065	552 821,919	19,873	19,409
35	44	97 088	26 765,929	525 004,854	19,615	19,150
36	45	96 903	25 749,291	498 238,925	19,350	18,885
37	46	96 709	24 769,000	472 489,634	19,076	18,611
38	47	96 496	23 821,081	447 720,634	18,795	18,331
39	48	96 257	22 903,102	423 899,553	18,508	18,044
40	49	95 998	22 015,914	400 996,452	18,214	17,750
41	50	95 703	21 155,099	378 980,538	17,914	17,450
42	51	95 388	20 323,320	357 825,439	17,607	17,142
43	52	95 036	19 516,352	337 502,118	17,293	16,829
44	53	94 647	18 734,025	317 985,767	16,974	16,509
45	54	94 219	17 975,206	299 251,742	16,648	16,184
46	55	93 743	17 238,045	281 276,536	16,317	15,853
47	56	93 229	16 523,751	264 038,492	15,979	15,515
48	57	92 660	15 829,425	247 514,741	15,636	15,172
49	58	92 033	15 154,047	231 685,316	15,289	14,824
50	59	91 339	14 496,127	216 531,269	14,937	14,473
51	60	90 578	13 855,772	202 035,142	14,581	14,117
52	61	89 742	13 231,678	188 179,371	14,222	13,757
53	62	88 845	12 625,946	174 947,692	13,856	13,392
54	63	87 865	12 035,324	162 321,747	13,487	13,023
55	64	86 800	11 459,695	150 286,423	13,114	12,650
56	65	85 637	10 897,580	138 826,728	12,739	12,275
57	66	84 371	10 348,365	127 929,148	12,362	11,898
58	67	83 003	9 812,644	117 580,783	11,983	11,518
59	68	81 505	9 287,225	107 768,139	11,604	11,139
60	69	79 926	8 778,144	98 480,914	11,219	10,754
61	70	78 240	8 282,329	89 702,769	10,831	10,366
62	71	76 437	7 799,057	81 420,440	10,440	9,975
63	72	74 499	7 326,568	73 621,383	10,049	9,584
64	73	72 466	6 869,044	66 294,814	9,651	9,187
65	74	70 326	6 425,197	59 425,770	9,249	8,784
66	75	68 060	5 993,471	53 000,573	8,843	8,379
67	76	65 671	5 574,063	47 007,102	8,433	7,969
68	77	63 085	5 160,975	41 433,038	8,028	7,564
69	78	60 391	4 762,037	36 272,063	7,617	7,152
70	79	57 483	4 368,886	31 510,026	7,212	6,748
71	80	54 345	3 981,098	27 141,140	6,818	6,353
72	81	50 983	3 599,825	23 160,042	6,434	5,969
73	82	47 462	3 230,095	19 560,218	6,056	5,591
74	83	43 797	2 872,953	16 330,123	5,684	5,220
75	84	39 978	2 527,630	13 457,170	5,324	4,860
76	85	36 022	2 195,163	10 929,540	4,979	4,514
77	86	31 989	1 878,940	8 734,377	4,649	4,184
78	87	27 942	1 581,941	6 855,437	4,334	3,869
79	88	23 953	1 307,098	5 273,496	4,035	3,570
80	89	20 095	1 056,891	3 966,398	3,753	3,288
81	90	16 441	833,458	2 909,507	3,491	3,026
82	91	13 076	638,949	2 076,049	3,249	2,785
83	92	10 074	474,458	1 437,100	3,029	2,565
84	93	7 491	340,029	962,642	2,831	2,367
85	94	5 359	234,471	622,613	2,655	2,191
86	95	3 658	154,265	388,142	2,516	2,052
87	96	2 417	98,259	233,877	2,380	1,916
88	97	1 531	59,984	135,619	2,261	1,796
89	98	944	35,631	75,634	2,123	1,658
90	99	549	19,999	40,003	2,000	1,536
91	100	302	10,588	20,004	1,889	1,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 499 850,127	25,097	24,633
1	11	99 247	95 659,834	2 400 243,906	25,091	24,627
2	12	99 213	92 170,268	2 304 584,072	25,004	24,539
3	13	99 189	88 817,929	2 212 413,804	24,910	24,445
4	14	99 168	85 589,283	2 123 595,875	24,811	24,347
5	15	99 146	82 477,471	2 038 006,592	24,710	24,245
6	16	99 124	79 478,922	1 955 529,121	24,604	24,140
7	17	99 100	76 587,437	1 876 050,199	24,496	24,031
8	18	99 077	73 802,194	1 799 462,762	24,382	23,918
9	19	99 049	71 114,365	1 725 660,568	24,266	23,802
10	20	99 022	68 525,225	1 654 546,204	24,145	23,681
11	21	98 996	66 031,100	1 586 020,979	24,019	23,555
12	22	98 971	63 628,215	1 519 989,879	23,889	23,424
13	23	98 946	61 312,982	1 456 361,664	23,753	23,288
14	24	98 915	59 078,377	1 395 048,682	23,614	23,149
15	25	98 886	56 926,482	1 335 970,305	23,468	23,004
16	26	98 853	54 850,422	1 279 043,823	23,319	22,854
17	27	98 808	52 843,976	1 224 193,401	23,166	22,702
18	28	98 758	50 907,896	1 171 349,425	23,009	22,545
19	29	98 695	49 036,809	1 120 441,529	22,849	22,385
20	30	98 628	47 232,433	1 071 404,720	22,684	22,219
21	31	98 555	45 491,204	1 024 172,287	22,514	22,049
22	32	98 479	43 813,346	978 681,083	22,338	21,873
23	33	98 401	42 196,036	934 867,737	22,155	21,691
24	34	98 320	40 637,727	892 671,702	21,967	21,502
25	35	98 235	39 134,647	852 033,975	21,772	21,307
26	36	98 148	37 686,819	812 899,328	21,570	21,105
27	37	98 055	36 290,411	775 212,509	21,361	20,897
28	38	97 958	34 944,161	738 922,098	21,146	20,681
29	39	97 851	33 644,055	703 977,937	20,924	20,460
30	40	97 736	32 390,130	670 333,882	20,696	20,231
31	41	97 614	31 180,240	637 943,752	20,460	19,995
32	42	97 472	30 009,646	606 763,511	20,219	19,755
33	43	97 323	28 880,712	576 753,865	19,970	19,506
34	44	97 166	27 792,031	547 873,153	19,713	19,249
35	45	96 989	26 738,627	520 081,122	19,451	18,986
36	46	96 795	25 720,659	493 342,495	19,181	18,716
37	47	96 587	24 737,550	467 621,837	18,903	18,439
38	48	96 358	23 786,932	442 884,286	18,619	18,154
39	49	96 103	22 866,467	419 097,354	18,328	17,864
40	50	95 824	21 976,033	396 230,888	18,030	17,566
41	51	95 515	21 113,410	374 254,855	17,726	17,262
42	52	95 178	20 278,430	353 141,445	17,415	16,950
43	53	94 802	19 468,433	332 863,015	17,098	16,633
44	54	94 389	18 682,822	313 394,581	16,774	16,310
45	55	93 935	17 921,107	294 711,759	16,445	15,981
46	56	93 433	17 180,928	276 790,652	16,110	15,646
47	57	92 891	16 463,953	259 609,724	15,768	15,304
48	58	92 290	15 766,229	243 145,771	15,422	14,958
49	59	91 628	15 087,209	227 379,542	15,071	14,607
50	60	90 898	14 426,110	212 292,332	14,716	14,251
51	61	90 090	13 781,075	197 866,222	14,358	13,893
52	62	89 240	13 157,646	184 085,147	13,991	13,526
53	63	88 305	12 549,223	170 927,502	13,621	13,156
54	64	87 286	11 956,078	158 378,279	13,247	12,782
55	65	86 167	11 376,184	146 422,201	12,871	12,407
56	66	84 951	10 810,267	135 046,017	12,492	12,028
57	67	83 634	10 257,968	124 235,750	12,111	11,647
58	68	82 199	9 717,517	113 977,782	11,729	11,265
59	69	80 672	9 192,358	104 260,266	11,342	10,878
60	70	79 033	8 680,073	95 067,908	10,952	10,488
61	71	77 286	8 181,421	86 387,834	10,559	10,095
62	72	75 414	7 694,625	78 206,413	10,164	9,699
63	73	73 426	7 220,997	70 511,788	9,765	9,300
64	74	71 344	6 762,692	63 290,790	9,359	8,894
65	75	69 122	6 315,273	56 528,098	8,951	8,487
66	76	66 762	5 879,190	50 212,825	8,541	8,076
67	77	64 238	5 452,403	44 333,635	8,131	7,667
68	78	61 542	5 034,780	38 881,232	7,723	7,258
69	79	58 694	4 628,223	33 846,452	7,313	6,849
70	80	55 590	4 225,048	29 218,229	6,915	6,451
71	81	52 258	3 828,192	24 993,181	6,529	6,064
72	82	48 737	3 441,207	21 164,990	6,150	5,686
73	83	45 073	3 067,487	17 723,783	5,778	5,314
74	84	41 254	2 706,086	14 656,296	5,416	4,952
75	85	37 291	2 357,720	11 950,209	5,069	4,604
76	86	33 240	2 025,650	9 592,489	4,736	4,271
77	87	29 145	1 711,888	7 566,839	4,420	3,956
78	88	25 115	1 421,864	5 854,952	4,118	3,653
79	89	21 203	1 157,010	4 433,088	3,832	3,367
80	90	17 464	918,525	3 276,077	3,567	3,102
81	91	14 009	710,159	2 357,553	3,320	2,855
82	92	10 888	532,031	1 647,394	3,096	2,632
83	93	8 185	385,469	1 115,363	2,894	2,429
84	94	5 924	268,896	729,894	2,714	2,250
85	95	4 099	179,330	460,998	2,571	2,106
86	96	2 747	115,848	281,668	2,431	1,967
87	97	1 766	71,779	165,821	2,310	1,846
88	98	1 107	43,365	94,041	2,169	1,704
89	99	656	24,773	50,676	2,046	1,581
90	100	368	13,389	25,903	1,935	1,470

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 494 128,218	25,041	24,577
1	12	99 240	95 652,709	2 394 527,898	25,034	24,569
2	13	99 205	92 162,976	2 298 875,189	24,944	24,479
3	14	99 181	88 810,316	2 206 712,214	24,847	24,383
4	15	99 158	85 580,302	2 117 901,898	24,748	24,283
5	16	99 134	82 467,153	2 032 321,596	24,644	24,180
6	17	99 110	79 467,707	1 949 854,444	24,536	24,072
7	18	99 086	76 576,223	1 870 386,736	24,425	23,961
8	19	99 057	73 787,164	1 793 810,513	24,311	23,846
9	20	99 030	71 100,638	1 720 023,348	24,191	23,727
10	21	99 004	68 512,536	1 648 922,711	24,067	23,603
11	22	98 980	66 020,169	1 580 410,175	23,938	23,474
12	23	98 954	63 617,204	1 514 390,006	23,805	23,340
13	24	98 924	61 299,678	1 450 772,802	23,667	23,202
14	25	98 898	59 068,359	1 389 473,124	23,523	23,059
15	26	98 868	56 915,867	1 330 404,765	23,375	22,911
16	27	98 834	54 839,750	1 273 488,897	23,222	22,758
17	28	98 787	52 832,433	1 218 649,148	23,066	22,602
18	29	98 733	50 895,200	1 165 816,715	22,906	22,442
19	30	98 670	49 024,119	1 114 921,515	22,742	22,278
20	31	98 599	47 218,408	1 065 897,396	22,574	22,109
21	32	98 523	45 476,684	1 018 678,988	22,400	21,936
22	33	98 445	43 798,141	973 202,304	22,220	21,756
23	34	98 366	42 181,012	929 404,164	22,034	21,569
24	35	98 282	40 621,833	887 223,152	21,841	21,377
25	36	98 195	39 118,896	846 601,319	21,642	21,177
26	37	98 102	37 669,149	807 482,423	21,436	20,972
27	38	98 010	36 273,709	769 813,273	21,222	20,758
28	39	97 901	34 923,696	733 539,565	21,004	20,540
29	40	97 792	33 624,013	698 615,869	20,777	20,313
30	41	97 670	32 368,147	664 991,856	20,545	20,080
31	42	97 539	31 156,454	632 623,708	20,305	19,840
32	43	97 391	29 984,744	601 467,254	20,059	19,595
33	44	97 235	28 854,721	571 482,511	19,806	19,341
34	45	97 067	27 763,682	542 627,789	19,545	19,080
35	46	96 881	26 708,894	514 864,107	19,277	18,812
36	47	96 672	25 688,001	488 155,212	19,003	18,539
37	48	96 448	24 702,088	462 467,212	18,722	18,257
38	49	96 204	23 748,883	437 765,124	18,433	17,969
39	50	95 929	22 825,045	414 016,241	18,139	17,674
40	51	95 635	21 932,725	391 191,196	17,836	17,372
41	52	95 304	21 066,775	369 258,470	17,528	17,064
42	53	94 944	20 228,641	348 191,695	17,213	16,748
43	54	94 543	19 415,223	327 963,055	16,892	16,428
44	55	94 104	18 626,594	308 547,831	16,565	16,100
45	56	93 624	17 861,727	289 921,238	16,231	15,767
46	57	93 095	17 118,752	272 059,510	15,892	15,428
47	58	92 520	16 398,225	254 940,758	15,547	15,082
48	59	91 883	15 696,691	238 542,534	15,197	14,733
49	60	91 185	15 014,338	222 845,842	14,842	14,378
50	61	90 408	14 348,339	207 831,504	14,485	14,020
51	62	89 586	13 703,968	193 483,165	14,119	13,654
52	63	88 698	13 077,692	179 779,197	13,747	13,283
53	64	87 724	12 466,593	166 701,506	13,372	12,907
54	65	86 650	11 868,950	154 234,912	12,995	12,530
55	66	85 477	11 285,036	142 365,962	12,615	12,151
56	67	84 209	10 715,835	131 080,926	12,232	11,768
57	68	82 823	10 158,523	120 365,092	11,849	11,384
58	69	81 359	9 618,254	110 206,569	11,458	10,994
59	70	79 771	9 089,659	100 588,314	11,066	10,602
60	71	78 070	8 574,319	91 498,655	10,671	10,207
61	72	76 252	8 071,869	82 924,336	10,273	9,809
62	73	74 327	7 583,751	74 852,467	9,870	9,406
63	74	72 289	7 109,196	67 268,716	9,462	8,998
64	75	70 124	6 646,994	60 159,519	9,051	8,586
65	76	67 804	6 194,856	53 512,526	8,638	8,174
66	77	65 305	5 750,871	47 317,670	8,228	7,763
67	78	62 667	5 319,082	41 566,799	7,815	7,350
68	79	59 813	4 893,301	36 247,717	7,408	6,943
69	80	56 762	4 475,846	31 354,416	7,005	6,541
70	81	53 455	4 062,773	26 878,570	6,616	6,151
71	82	49 955	3 659,512	22 815,798	6,235	5,770
72	83	46 283	3 267,971	19 156,286	5,862	5,397
73	84	42 455	2 889,322	15 888,315	5,499	5,035
74	85	38 480	2 524,181	12 998,993	5,150	4,685
75	86	34 411	2 175,654	10 474,812	4,815	4,350
76	87	30 285	1 845,554	8 299,158	4,497	4,032
77	88	26 196	1 538,662	6 453,604	4,194	3,730
78	89	22 231	1 258,599	4 914,943	3,905	3,441
79	90	18 427	1 005,536	3 656,344	3,636	3,172
80	91	14 880	782,641	2 650,808	3,387	2,923
81	92	11 664	591,325	1 868,167	3,159	2,695
82	93	8 846	432,244	1 276,842	2,954	2,490
83	94	6 472	304,830	844,598	2,771	2,306
84	95	4 531	205,659	539,769	2,625	2,160
85	96	3 078	134,671	334,110	2,481	2,017
86	97	2 007	84,628	199,439	2,357	1,892
87	98	1 277	51,893	114,811	2,212	1,748
88	99	770	30,150	62,918	2,087	1,622
89	100	439	16,585	32,768	1,976	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 488 062,612	24,982	24,518
1	13	99 232	95 645,141	2 388 469,712	24,972	24,508
2	14	99 196	92 155,076	2 292 824,570	24,880	24,416
3	15	99 170	88 800,996	2 200 669,495	24,782	24,318
4	16	99 145	85 569,596	2 111 868,499	24,680	24,216
5	17	99 120	82 455,517	2 026 298,903	24,574	24,110
6	18	99 096	79 456,072	1 943 843,386	24,464	24,000
7	19	99 065	76 560,629	1 864 387,315	24,352	23,887
8	20	99 038	73 772,922	1 787 826,685	24,234	23,770
9	21	99 012	71 087,472	1 714 053,764	24,112	23,647
10	22	98 987	68 501,193	1 642 966,291	23,984	23,520
11	23	98 962	66 008,744	1 574 465,098	23,852	23,388
12	24	98 932	63 603,400	1 508 456,354	23,717	23,252
13	25	98 908	61 289,284	1 444 852,954	23,574	23,110
14	26	98 880	59 057,345	1 383 563,670	23,427	22,963
15	27	98 849	56 904,793	1 324 506,325	23,276	22,811
16	28	98 812	54 827,771	1 267 601,532	23,120	22,655
17	29	98 762	52 819,257	1 212 773,761	22,961	22,496
18	30	98 708	50 882,029	1 159 954,504	22,797	22,333
19	31	98 640	49 009,562	1 109 072,475	22,630	22,165
20	32	98 568	47 203,336	1 060 062,913	22,457	21,993
21	33	98 489	45 460,901	1 012 859,577	22,280	21,815
22	34	98 410	43 782,546	967 398,676	22,096	21,631
23	35	98 327	42 164,514	923 616,129	21,905	21,441
24	36	98 242	40 605,483	881 451,615	21,708	21,243
25	37	98 149	39 100,555	840 846,132	21,505	21,040
26	38	98 057	37 651,813	801 745,577	21,294	20,829
27	39	97 953	36 252,465	764 093,763	21,077	20,613
28	40	97 843	34 902,892	727 841,299	20,853	20,389
29	41	97 726	33 601,193	692 938,407	20,622	20,158
30	42	97 595	32 343,455	659 337,214	20,385	19,921
31	43	97 458	31 130,600	626 993,760	20,141	19,676
32	44	97 304	29 957,760	595 863,159	19,890	19,426
33	45	97 136	28 825,288	565 905,400	19,632	19,168
34	46	96 959	27 732,810	537 080,112	19,366	18,902
35	47	96 758	26 674,981	509 347,301	19,095	18,630
36	48	96 534	25 651,176	482 672,320	18,817	18,352
37	49	96 294	24 662,575	457 021,144	18,531	18,067
38	50	96 029	23 705,864	432 358,569	18,238	17,774
39	51	95 739	22 780,065	408 652,706	17,939	17,475
40	52	95 424	21 884,281	385 872,641	17,632	17,168
41	53	95 070	21 015,050	363 988,360	17,320	16,856
42	54	94 684	20 173,353	342 973,311	17,001	16,537
43	55	94 259	19 356,791	322 799,958	16,676	16,212
44	56	93 793	18 564,877	303 443,167	16,345	15,881
45	57	93 285	17 797,088	284 878,291	16,007	15,543
46	58	92 723	17 050,409	267 081,203	15,664	15,200
47	59	92 112	16 325,899	250 030,794	15,315	14,851
48	60	91 440	15 620,876	233 704,894	14,961	14,497
49	61	90 693	14 933,395	218 084,018	14,604	14,139
50	62	89 902	14 268,058	203 150,623	14,238	13,774
51	63	89 042	13 620,694	188 882,564	13,867	13,403
52	64	88 114	12 991,583	175 261,870	13,490	13,026
53	65	87 085	12 375,745	162 270,287	13,112	12,648
54	66	85 956	11 773,854	149 894,543	12,731	12,267
55	67	84 730	11 186,456	138 120,688	12,347	11,883
56	68	83 393	10 611,951	126 934,232	11,961	11,497
57	69	81 977	10 054,756	116 322,281	11,569	11,104
58	70	80 450	9 510,797	106 267,525	11,173	10,709
59	71	78 799	8 978,915	96 756,728	10,776	10,312
60	72	77 025	8 459,506	87 777,813	10,376	9,912
61	73	75 153	7 955,559	79 318,307	9,970	9,506
62	74	73 176	7 466,334	71 362,748	9,558	9,094
63	75	71 052	6 987,569	63 896,414	9,144	8,680
64	76	68 786	6 520,252	56 908,845	8,728	8,264
65	77	66 325	6 059,646	50 388,593	8,315	7,851
66	78	63 708	5 610,251	44 328,947	7,901	7,437
67	79	60 906	5 169,614	38 718,696	7,490	7,025
68	80	57 843	4 732,198	33 549,081	7,090	6,625
69	81	54 581	4 303,938	28 816,884	6,695	6,231
70	82	51 100	3 883,756	24 512,946	6,312	5,847
71	83	47 440	3 475,286	20 629,189	5,936	5,472
72	84	43 595	3 078,161	17 153,903	5,573	5,108
73	85	39 601	2 695,099	14 075,742	5,223	4,758
74	86	35 509	2 329,260	11 380,643	4,886	4,422
75	87	31 352	1 982,222	9 051,383	4,566	4,102
76	88	27 220	1 658,802	7 069,161	4,262	3,797
77	89	23 188	1 361,985	5 410,359	3,972	3,508
78	90	19 321	1 093,825	4 048,374	3,701	3,237
79	91	15 701	856,780	2 954,549	3,448	2,984
80	92	12 390	651,678	2 097,769	3,219	2,755
81	93	9 477	480,417	1 446,091	3,010	2,546
82	94	6 996	341,819	965,674	2,825	2,361
83	95	4 950	233,142	623,855	2,676	2,211
84	96	3 402	154,443	390,713	2,530	2,065
85	97	2 248	98,379	236,270	2,402	1,937
86	98	1 451	61,182	137,891	2,254	1,789
87	99	888	36,079	76,710	2,126	1,662
88	100	515	20,185	40,630	2,013	1,548

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 481 644,325	24,920	24,455
1	14	99 223	95 636,943	2 382 059,303	24,907	24,443
2	15	99 186	92 145,405	2 286 422,361	24,813	24,349
3	16	99 158	88 789,887	2 194 276,955	24,713	24,249
4	17	99 131	85 557,522	2 105 487,069	24,609	24,145
5	18	99 105	82 443,444	2 019 929,547	24,501	24,036
6	19	99 076	79 439,891	1 937 486,103	24,389	23,925
7	20	99 046	76 545,851	1 858 046,212	24,274	23,809
8	21	99 020	73 759,261	1 781 500,361	24,153	23,688
9	22	98 995	71 075,703	1 707 741,100	24,027	23,563
10	23	98 970	68 489,339	1 636 665,396	23,897	23,432
11	24	98 941	65 994,421	1 568 176,057	23,762	23,298
12	25	98 915	63 592,615	1 502 181,636	23,622	23,158
13	26	98 889	61 277,856	1 438 589,021	23,476	23,012
14	27	98 861	59 045,854	1 377 311,166	23,326	22,862
15	28	98 827	56 892,363	1 318 265,311	23,171	22,707
16	29	98 787	54 814,097	1 261 372,948	23,012	22,547
17	30	98 736	52 805,588	1 206 558,851	22,849	22,385
18	31	98 678	50 866,921	1 153 753,262	22,682	22,217
19	32	98 609	48 993,919	1 102 886,342	22,511	22,046
20	33	98 534	47 186,954	1 053 892,423	22,334	21,870
21	34	98 454	45 444,715	1 006 705,469	22,152	21,688
22	35	98 372	43 765,422	961 260,754	21,964	21,500
23	36	98 288	42 147,544	917 495,332	21,769	21,304
24	37	98 196	40 586,446	875 347,788	21,567	21,103
25	38	98 104	39 082,560	834 761,342	21,359	20,894
26	39	97 999	37 629,762	795 678,782	21,145	20,681
27	40	97 894	36 230,869	758 049,020	20,923	20,458
28	41	97 776	34 879,203	721 818,151	20,695	20,230
29	42	97 651	33 575,560	686 938,948	20,459	19,995
30	43	97 514	32 316,616	653 363,388	20,218	19,753
31	44	97 371	31 102,585	621 046,773	19,968	19,503
32	45	97 204	29 927,201	589 944,188	19,713	19,248
33	46	97 028	28 793,236	560 016,986	19,450	18,985
34	47	96 836	27 697,597	531 223,750	19,179	18,715
35	48	96 619	26 636,742	503 526,153	18,903	18,439
36	49	96 379	25 610,145	476 889,412	18,621	18,157
37	50	96 119	24 617,900	451 279,267	18,331	17,867
38	51	95 840	23 659,147	426 661,367	18,034	17,569
39	52	95 528	22 729,748	403 002,220	17,730	17,266
40	53	95 189	21 830,548	380 272,472	17,419	16,955
41	54	94 810	20 957,612	358 441,923	17,103	16,639
42	55	94 399	20 112,639	337 484,311	16,780	16,315
43	56	93 946	19 292,654	317 371,672	16,450	15,986
44	57	93 453	18 497,692	298 079,018	16,114	15,650
45	58	92 913	17 726,037	279 581,326	15,772	15,308
46	59	92 314	16 975,208	261 855,289	15,426	14,961
47	60	91 667	16 247,045	244 880,081	15,072	14,608
48	61	90 947	15 536,664	228 633,036	14,716	14,251
49	62	90 186	14 849,841	213 096,372	14,350	13,886
50	63	89 356	14 181,357	198 246,531	13,979	13,515
51	64	88 455	13 531,010	184 065,174	13,603	13,139
52	65	87 472	12 896,908	170 534,164	13,223	12,758
53	66	86 387	12 276,588	157 637,256	12,840	12,376
54	67	85 205	11 671,004	145 360,668	12,455	11,990
55	68	83 909	11 078,010	133 689,663	12,068	11,604
56	69	82 541	10 503,552	122 611,653	11,673	11,209
57	70	81 061	9 942,422	112 108,101	11,276	10,811
58	71	79 470	9 394,922	102 165,679	10,875	10,410
59	72	77 744	8 858,684	92 770,756	10,472	10,008
60	73	75 915	8 337,610	83 912,072	10,064	9,600
61	74	73 989	7 832,385	75 574,461	9,649	9,185
62	75	71 924	7 338,596	67 742,077	9,231	8,767
63	76	69 697	6 854,334	60 403,480	8,812	8,348
64	77	67 285	6 377,940	53 549,147	8,396	7,932
65	78	64 703	5 911,477	47 171,206	7,980	7,515
66	79	61 918	5 452,602	41 259,730	7,567	7,103
67	80	58 901	4 999,414	35 807,128	7,162	6,698
68	81	55 622	4 550,443	30 807,714	6,770	6,306
69	82	52 176	4 114,295	26 257,271	6,382	5,918
70	83	48 527	3 688,242	22 142,975	6,004	5,539
71	84	44 685	3 273,435	18 454,733	5,638	5,173
72	85	40 664	2 871,244	15 181,299	5,287	4,823
73	86	36 543	2 486,980	12 310,054	4,950	4,485
74	87	32 352	2 122,171	9 823,075	4,629	4,164
75	88	28 179	1 781,641	7 700,904	4,322	3,858
76	89	24 095	1 468,330	5 919,263	4,031	3,567
77	90	20 152	1 183,676	4 450,933	3,760	3,296
78	91	16 462	932,008	3 267,257	3,506	3,041
79	92	13 074	713,411	2 335,249	3,273	2,809
80	93	10 066	529,450	1 621,837	3,063	2,599
81	94	7 494	379,914	1 092,387	2,875	2,411
82	95	5 350	261,433	712,473	2,725	2,261
83	96	3 718	175,082	451,040	2,576	2,112
84	97	2 485	112,823	275,958	2,446	1,982
85	98	1 626	71,123	163,136	2,294	1,829
86	99	1 009	42,538	92,013	2,163	1,699
87	100	594	24,154	49,475	2,048	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 474 863,226	24,854	24,389
1	15	99 213	95 626,907	2 375 286,741	24,839	24,375
2	16	99 173	92 133,878	2 279 659,834	24,743	24,278
3	17	99 144	88 777,358	2 187 525,957	24,641	24,176
4	18	99 117	85 544,994	2 098 748,598	24,534	24,069
5	19	99 085	82 426,655	2 013 203,604	24,424	23,960
6	20	99 057	79 424,557	1 930 776,949	24,310	23,845
7	21	99 028	76 531,677	1 851 352,392	24,191	23,726
8	22	99 003	73 747,050	1 774 820,714	24,066	23,602
9	23	98 978	71 063,404	1 701 073,665	23,937	23,473
10	24	98 949	68 474,478	1 630 010,261	23,805	23,340
11	25	98 924	65 983,230	1 561 535,783	23,666	23,201
12	26	98 897	63 580,757	1 495 552,552	23,522	23,058
13	27	98 870	61 265,933	1 431 971,795	23,373	22,909
14	28	98 839	59 032,957	1 370 705,862	23,219	22,755
15	29	98 802	56 878,175	1 311 672,905	23,061	22,597
16	30	98 762	54 799,913	1 254 794,730	22,898	22,433
17	31	98 707	52 789,909	1 199 994,818	22,732	22,267
18	32	98 647	50 850,684	1 147 204,909	22,560	22,096
19	33	98 575	48 976,915	1 096 354,225	22,385	21,921
20	34	98 498	47 170,153	1 047 377,310	22,204	21,740
21	35	98 416	45 426,941	1 000 207,156	22,018	21,554
22	36	98 332	43 747,808	954 780,216	21,825	21,360
23	37	98 242	42 127,783	911 032,408	21,625	21,161
24	38	98 151	40 567,767	868 904,625	21,419	20,954
25	39	98 046	39 059,671	828 336,858	21,207	20,743
26	40	97 941	37 607,346	789 277,187	20,987	20,523
27	41	97 828	36 206,279	751 669,841	20,761	20,296
28	42	97 702	34 852,595	715 463,562	20,528	20,064
29	43	97 570	33 547,698	680 610,967	20,288	19,823
30	44	97 427	32 287,533	647 063,269	20,041	19,576
31	45	97 271	31 070,859	614 775,736	19,786	19,322
32	46	97 096	29 893,924	583 704,877	19,526	19,061
33	47	96 905	28 756,676	553 810,953	19,259	18,794
34	48	96 697	27 657,891	525 054,277	18,984	18,519
35	49	96 465	26 594,134	497 396,385	18,703	18,239
36	50	96 205	25 563,753	470 802,251	18,417	17,952
37	51	95 930	24 569,386	445 238,498	18,122	17,657
38	52	95 628	23 606,889	420 669,112	17,820	17,355
39	53	95 293	22 673,940	397 062,223	17,512	17,047
40	54	94 929	21 770,883	374 388,283	17,197	16,732
41	55	94 525	20 894,538	352 617,400	16,876	16,412
42	56	94 087	20 045,998	331 722,862	16,548	16,084
43	57	93 606	19 222,836	311 676,865	16,214	15,749
44	58	93 080	18 423,844	292 454,029	15,874	15,409
45	59	92 503	17 647,855	274 030,184	15,528	15,063
46	60	91 868	16 893,217	256 382,329	15,177	14,712
47	61	91 173	16 159,457	239 489,112	14,820	14,356
48	62	90 438	15 449,735	223 329,655	14,455	13,991
49	63	89 638	14 759,604	207 879,920	14,084	13,620
50	64	88 768	14 087,981	193 120,316	13,708	13,244
51	65	87 811	13 432,405	179 032,336	13,328	12,864
52	66	86 771	12 793,576	165 599,931	12,944	12,480
53	67	85 632	12 169,347	152 806,355	12,557	12,092
54	68	84 379	11 557,861	140 637,007	12,168	11,704
55	69	83 052	10 964,851	129 079,146	11,772	11,308
56	70	81 619	10 386,205	118 114,295	11,372	10,908
57	71	80 074	9 821,288	107 728,091	10,969	10,504
58	72	78 406	9 269,121	97 906,803	10,563	10,098
59	73	76 624	8 731,037	88 637,682	10,152	9,688
60	74	74 740	8 208,521	79 906,645	9,735	9,270
61	75	72 723	7 698,385	71 698,124	9,313	8,849
62	76	70 553	7 198,668	63 999,739	8,890	8,426
63	77	68 176	6 704,730	56 801,071	8,472	8,007
64	78	65 640	6 221,988	50 096,341	8,052	7,587
65	79	62 885	5 745,363	43 874,353	7,636	7,172
66	80	59 880	5 273,084	38 128,990	7,231	6,766
67	81	56 639	4 807,396	32 855,906	6,834	6,370
68	82	53 171	4 349,939	28 048,510	6,448	5,984
69	83	49 550	3 907,175	23 698,571	6,065	5,601
70	84	45 709	3 474,022	19 791,395	5,697	5,233
71	85	41 681	3 053,392	16 317,373	5,344	4,880
72	86	37 524	2 649,523	13 263,982	5,006	4,542
73	87	33 294	2 265,868	10 614,459	4,685	4,220
74	88	29 078	1 907,428	8 348,591	4,377	3,912
75	89	24 943	1 577,064	6 441,162	4,084	3,620
76	90	20 940	1 276,099	4 864,099	3,812	3,347
77	91	17 171	1 008,567	3 588,000	3,558	3,093
78	92	13 708	776,050	2 579,433	3,324	2,859
79	93	10 622	579,605	1 803,382	3,111	2,647
80	94	7 961	418,690	1 223,777	2,923	2,458
81	95	5 732	290,569	805,087	2,771	2,306
82	96	4 018	196,327	514,518	2,621	2,156
83	97	2 716	127,900	318,191	2,488	2,023
84	98	1 797	81,565	190,291	2,333	1,869
85	99	1 130	49,449	108,727	2,199	1,734
86	100	675	28,478	59,277	2,082	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 467 709,227	24,785	24,320
1	16	99 201	95 614,944	2 368 143,191	24,768	24,303
2	17	99 159	92 120,877	2 272 528,247	24,669	24,205
3	18	99 130	88 764,360	2 180 407,370	24,564	24,100
4	19	99 097	85 527,574	2 091 643,010	24,456	23,991
5	20	99 066	82 410,744	2 006 115,436	24,343	23,878
6	21	99 038	79 409,850	1 923 704,692	24,225	23,761
7	22	99 012	76 519,007	1 844 294,841	24,102	23,638
8	23	98 986	73 734,288	1 767 775,834	23,975	23,511
9	24	98 957	71 047,984	1 694 041,546	23,844	23,379
10	25	98 932	68 462,867	1 622 993,562	23,706	23,242
11	26	98 906	65 970,927	1 554 530,695	23,564	23,099
12	27	98 878	63 568,386	1 488 559,768	23,417	22,952
13	28	98 848	61 252,550	1 424 991,382	23,264	22,800
14	29	98 814	59 018,234	1 363 738,831	23,107	22,643
15	30	98 777	56 863,456	1 304 720,597	22,945	22,480
16	31	98 733	54 783,641	1 247 857,141	22,778	22,313
17	32	98 676	52 773,058	1 193 073,501	22,608	22,143
18	33	98 612	50 833,037	1 140 300,442	22,432	21,968
19	34	98 540	48 959,477	1 089 467,406	22,252	21,788
20	35	98 460	47 151,704	1 040 507,928	22,067	21,603
21	36	98 376	45 408,657	993 356,224	21,876	21,411
22	37	98 286	43 727,297	947 947,567	21,679	21,214
23	38	98 196	42 108,395	904 220,270	21,474	21,009
24	39	98 094	40 544,008	862 111,876	21,264	20,799
25	40	97 988	39 036,403	821 567,868	21,046	20,582
26	41	97 874	37 581,822	782 531,464	20,822	20,358
27	42	97 753	36 178,659	744 949,643	20,591	20,126
28	43	97 621	34 823,674	708 770,984	20,353	19,889
29	44	97 483	33 517,508	673 947,310	20,107	19,643
30	45	97 327	32 254,598	640 429,802	19,855	19,391
31	46	97 163	31 036,309	608 175,204	19,596	19,131
32	47	96 973	29 855,966	577 138,894	19,331	18,866
33	48	96 766	28 715,452	547 282,928	19,059	18,594
34	49	96 543	27 613,651	518 567,475	18,779	18,315
35	50	96 290	26 545,960	490 953,825	18,494	18,030
36	51	96 015	25 513,376	464 407,865	18,203	17,738
37	52	95 718	24 515,118	438 894,489	17,903	17,439
38	53	95 394	23 548,927	414 379,371	17,597	17,132
39	54	95 033	22 611,969	390 830,444	17,284	16,820
40	55	94 644	21 705,360	368 218,475	16,964	16,500
41	56	94 211	20 825,306	346 513,115	16,639	16,175
42	57	93 746	19 973,453	325 687,809	16,306	15,842
43	58	93 233	19 146,093	305 714,355	15,967	15,503
44	59	92 670	18 342,585	286 568,262	15,623	15,159
45	60	92 056	17 562,616	268 225,677	15,273	14,808
46	61	91 373	16 802,146	250 663,062	14,919	14,454
47	62	90 663	16 069,043	233 860,916	14,554	14,089
48	63	89 888	15 355,852	217 791,873	14,183	13,719
49	64	89 048	14 662,421	202 436,021	13,806	13,342
50	65	88 121	13 985,317	187 773,600	13,426	12,962
51	66	87 107	13 324,782	173 788,283	13,042	12,578
52	67	86 013	12 681,819	160 463,501	12,653	12,189
53	68	84 802	12 051,373	147 781,682	12,263	11,798
54	69	83 517	11 439,800	135 730,309	11,865	11,400
55	70	82 124	10 842,349	124 290,509	11,463	10,999
56	71	80 625	10 259,664	113 448,160	11,058	10,593
57	72	79 002	9 689,778	103 188,496	10,649	10,185
58	73	77 276	9 135,559	93 498,718	10,235	9,770
59	74	75 438	8 595,856	84 363,159	9,814	9,350
60	75	73 461	8 068,087	75 767,303	9,391	8,927
61	76	71 337	7 551,596	67 699,217	8,965	8,500
62	77	69 013	7 041,549	60 147,621	8,542	8,077
63	78	66 509	6 540,787	53 106,072	8,119	7,655
64	79	63 795	6 047,148	46 565,285	7,700	7,236
65	80	60 814	5 556,207	40 518,136	7,292	6,828
66	81	57 580	5 070,556	34 961,930	6,895	6,431
67	82	54 143	4 595,570	29 891,374	6,504	6,040
68	83	50 494	4 130,956	25 295,804	6,123	5,659
69	84	46 672	3 680,239	21 164,848	5,751	5,287
70	85	42 636	3 240,495	17 484,608	5,396	4,931
71	86	38 462	2 817,605	14 244,114	5,055	4,591
72	87	34 188	2 413,960	11 426,509	4,734	4,269
73	88	29 925	2 036,585	9 012,549	4,425	3,961
74	89	25 739	1 688,408	6 975,964	4,132	3,667
75	90	21 678	1 370,597	5 287,556	3,858	3,393
76	91	17 842	1 087,317	3 916,959	3,602	3,138
77	92	14 297	839,798	2 829,642	3,369	2,905
78	93	11 137	630,496	1 989,844	3,156	2,692
79	94	8 400	458,353	1 359,348	2,966	2,501
80	95	6 088	320,226	900,995	2,814	2,349
81	96	4 304	218,208	580,770	2,662	2,197
82	97	2 935	143,420	362,562	2,528	2,064
83	98	1 963	92,464	219,142	2,370	1,906
84	99	1 249	56,709	126,678	2,234	1,769
85	100	757	33,105	69,969	2,114	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 460 173,310	24,712	24,248
1	17	99 187	95 601,452	2 360 619,730	24,692	24,228
2	18	99 145	92 107,389	2 265 018,277	24,591	24,127
3	19	99 109	88 746,284	2 172 910,888	24,485	24,020
4	20	99 077	85 511,065	2 084 164,605	24,373	23,909
5	21	99 048	82 395,484	1 998 653,540	24,257	23,792
6	22	99 022	79 396,704	1 916 258,055	24,135	23,671
7	23	98 994	76 505,766	1 836 861,352	24,009	23,545
8	24	98 965	73 718,289	1 760 355,586	23,879	23,415
9	25	98 940	71 035,937	1 686 637,297	23,743	23,279
10	26	98 913	68 450,101	1 615 601,360	23,603	23,138
11	27	98 887	65 958,091	1 547 151,259	23,457	22,992
12	28	98 856	63 554,501	1 481 193,168	23,306	22,841
13	29	98 824	61 237,274	1 417 638,667	23,150	22,686
14	30	98 789	59 002,962	1 356 401,393	22,989	22,524
15	31	98 747	56 846,571	1 297 398,431	22,823	22,358
16	32	98 701	54 766,154	1 240 551,860	22,652	22,187
17	33	98 641	52 754,744	1 185 785,706	22,477	22,013
18	34	98 577	50 814,938	1 133 030,962	22,297	21,833
19	35	98 501	48 940,329	1 082 216,025	22,113	21,649
20	36	98 420	47 132,726	1 033 275,696	21,923	21,458
21	37	98 330	45 387,367	986 142,970	21,727	21,263
22	38	98 241	43 707,172	940 755,602	21,524	21,060
23	39	98 139	42 083,733	897 048,430	21,316	20,851
24	40	98 035	40 519,856	854 964,697	21,100	20,635
25	41	97 921	39 009,909	814 444,841	20,878	20,413
26	42	97 800	37 553,152	775 434,932	20,649	20,185
27	43	97 672	36 148,637	737 881,779	20,412	19,948
28	44	97 533	34 792,335	701 733,142	20,169	19,705
29	45	97 383	33 483,318	666 940,807	19,919	19,454
30	46	97 219	32 218,733	633 457,488	19,661	19,197
31	47	97 040	30 996,902	601 238,756	19,397	18,932
32	48	96 834	29 813,167	570 241,854	19,127	18,663
33	49	96 611	28 669,520	540 428,687	18,850	18,386
34	50	96 368	27 563,630	511 759,168	18,566	18,102
35	51	96 100	26 493,647	484 195,538	18,276	17,811
36	52	95 803	25 457,022	457 701,891	17,979	17,515
37	53	95 483	24 454,926	432 244,869	17,675	17,211
38	54	95 133	23 484,565	407 789,943	17,364	16,900
39	55	94 747	22 543,915	384 305,378	17,047	16,583
40	56	94 330	21 633,442	361 761,463	16,722	16,258
41	57	93 871	20 749,941	340 128,021	16,392	15,927
42	58	93 372	19 893,714	319 378,079	16,054	15,590
43	59	92 822	19 061,648	299 484,366	15,711	15,247
44	60	92 222	18 253,990	280 422,718	15,362	14,898
45	61	91 560	17 467,935	262 168,727	15,009	14,544
46	62	90 862	16 708,136	244 700,792	14,646	14,181
47	63	90 112	15 971,397	227 992,656	14,275	13,811
48	64	89 296	15 254,743	212 021,259	13,899	13,434
49	65	88 399	14 555,571	196 766,516	13,518	13,054
50	66	87 415	13 873,264	182 210,945	13,134	12,670
51	67	86 346	13 208,385	168 337,681	12,745	12,280
52	68	85 179	12 558,876	155 129,296	12,352	11,888
53	69	83 936	11 928,270	142 570,420	11,952	11,488
54	70	82 584	11 311,992	130 642,150	11,549	11,085
55	71	81 123	10 710,251	119 330,157	11,142	10,677
56	72	79 545	10 122,283	108 619,906	10,731	10,266
57	73	77 863	9 550,154	98 497,623	10,314	9,849
58	74	76 080	8 994,115	88 947,468	9,890	9,425
59	75	74 147	8 448,795	79 953,353	9,463	8,999
60	76	72 060	7 914,248	71 504,558	9,035	8,570
61	77	69 780	7 386,774	63 590,310	8,609	8,144
62	78	67 325	6 869,370	56 203,536	8,182	7,717
63	79	64 640	6 356,990	49 334,166	7,761	7,296
64	80	61 695	5 848,056	42 977,177	7,349	6,885
65	81	58 478	5 342,804	37 129,120	6,949	6,485
66	82	55 043	4 847,134	31 786,316	6,558	6,093
67	83	51 417	4 364,222	26 939,183	6,173	5,708
68	84	47 561	3 891,023	22 574,961	5,802	5,337
69	85	43 535	3 432,850	18 683,938	5,443	4,978
70	86	39 344	2 990,260	15 251,088	5,100	4,636
71	87	35 043	2 567,098	12 260,828	4,776	4,312
72	88	30 729	2 169,691	9 693,730	4,468	4,003
73	89	26 489	1 802,734	7 524,039	4,174	3,709
74	90	22 370	1 467,365	5 721,305	3,899	3,435
75	91	18 471	1 167,835	4 253,941	3,643	3,178
76	92	14 857	905,371	3 086,105	3,409	2,944
77	93	11 616	682,287	2 180,734	3,196	2,732
78	94	8 807	498,597	1 498,447	3,005	2,541
79	95	6 424	350,561	999,850	2,852	2,388
80	96	4 572	240,479	649,290	2,700	2,236
81	97	3 144	159,404	408,811	2,565	2,100
82	98	2 122	103,685	249,407	2,405	1,941
83	99	1 365	64,288	145,723	2,267	1,802
84	100	836	37,965	81,435	2,145	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 452 246,320	24,636	24,171
1	18	99 172	95 587,455	2 352 706,787	24,613	24,149
2	19	99 125	92 088,632	2 257 119,333	24,510	24,046
3	20	99 090	88 729,154	2 165 030,701	24,400	23,936
4	21	99 059	85 495,231	2 076 301,547	24,286	23,821
5	22	99 031	82 381,843	1 990 806,316	24,166	23,701
6	23	99 005	79 382,964	1 908 424,473	24,041	23,576
7	24	98 973	76 489,165	1 829 041,509	23,912	23,448
8	25	98 948	73 705,789	1 752 552,344	23,778	23,313
9	26	98 921	71 022,691	1 678 846,555	23,638	23,174
10	27	98 894	68 436,783	1 607 823,864	23,494	23,029
11	28	98 865	65 943,684	1 539 387,081	23,344	22,880
12	29	98 831	63 538,651	1 473 443,397	23,190	22,725
13	30	98 798	61 221,427	1 409 904,746	23,030	22,565
14	31	98 759	58 985,442	1 348 683,319	22,865	22,400
15	32	98 716	56 828,426	1 289 697,877	22,695	22,230
16	33	98 667	54 747,148	1 232 869,451	22,519	22,055
17	34	98 606	52 735,961	1 178 122,304	22,340	21,876
18	35	98 539	50 795,063	1 125 386,343	22,155	21,691
19	36	98 461	48 920,631	1 074 591,280	21,966	21,502
20	37	98 374	47 110,628	1 025 670,649	21,772	21,307
21	38	98 285	45 366,479	978 560,021	21,570	21,106
22	39	98 183	43 681,575	933 193,542	21,364	20,899
23	40	98 080	42 058,664	889 511,967	21,149	20,685
24	41	97 969	40 492,355	847 453,303	20,929	20,464
25	42	97 847	38 980,150	806 960,948	20,702	20,237
26	43	97 718	37 521,990	767 980,798	20,467	20,003
27	44	97 584	36 116,106	730 458,808	20,225	19,761
28	45	97 433	34 756,846	694 342,702	19,977	19,513
29	46	97 275	33 446,086	659 585,856	19,721	19,256
30	47	97 096	32 177,824	626 139,770	19,459	18,994
31	48	96 901	30 952,466	593 961,946	19,189	18,725
32	49	96 679	29 765,478	563 009,480	18,915	18,450
33	50	96 436	28 617,586	533 244,001	18,633	18,169
34	51	96 178	27 509,311	504 626,415	18,344	17,879
35	52	95 888	26 435,128	477 117,104	18,049	17,584
36	53	95 568	25 394,518	450 681,976	17,747	17,283
37	54	95 222	24 388,087	425 287,458	17,438	16,974
38	55	94 847	23 413,885	400 899,371	17,122	16,658
39	56	94 433	22 469,218	377 485,486	16,800	16,336
40	57	93 989	21 555,153	355 016,268	16,470	16,006
41	58	93 496	20 667,102	333 461,115	16,135	15,670
42	59	92 960	19 805,971	312 794,013	15,793	15,328
43	60	92 373	18 969,580	292 988,041	15,445	14,981
44	61	91 725	18 155,583	274 018,461	15,093	14,628
45	62	91 048	17 370,200	255 862,879	14,730	14,266
46	63	90 310	16 606,607	238 492,678	14,361	13,897
47	64	89 519	15 866,235	221 886,071	13,985	13,520
48	65	88 646	15 143,576	206 019,836	13,604	13,140
49	66	87 691	14 438,949	190 876,260	13,220	12,755
50	67	86 651	13 752,075	176 437,311	12,830	12,365
51	68	85 509	13 080,337	162 685,236	12,437	11,973
52	69	84 309	12 430,590	149 604,899	12,035	11,571
53	70	82 998	11 795,006	137 174,309	11,630	11,165
54	71	81 578	11 174,172	125 379,303	11,220	10,756
55	72	80 037	10 566,837	114 205,131	10,808	10,343
56	73	78 399	9 976,428	103 638,294	10,388	9,924
57	74	76 658	9 402,292	93 661,865	9,962	9,497
58	75	74 778	8 840,240	84 259,574	9,531	9,067
59	76	72 733	8 287,697	75 419,333	9,100	8,636
60	77	70 487	7 741,511	67 131,636	8,672	8,207
61	78	68 073	7 206,154	59 390,125	8,242	7,777
62	79	65 434	6 676,339	52 183,971	7,816	7,352
63	80	62 512	6 147,696	45 507,633	7,402	6,938
64	81	59 325	5 623,444	39 359,936	6,999	6,535
65	82	55 902	5 107,386	33 736,492	6,605	6,141
66	83	52 272	4 603,122	28 629,106	6,219	5,755
67	84	48 431	4 110,740	24 025,984	5,845	5,380
68	85	44 364	3 629,464	19 915,245	5,487	5,023
69	86	40 173	3 167,761	16 285,780	5,141	4,677
70	87	35 846	2 724,403	13 118,019	4,815	4,351
71	88	31 497	2 307,333	10 393,617	4,505	4,040
72	89	27 200	1 920,556	8 086,284	4,210	3,746
73	90	23 021	1 566,723	6 165,727	3,935	3,471
74	91	19 060	1 250,287	4 599,004	3,678	3,214
75	92	15 380	972,416	3 348,717	3,444	2,979
76	93	12 070	735,561	2 376,301	3,231	2,766
77	94	9 186	539,554	1 640,740	3,041	2,576
78	95	6 736	381,341	1 101,186	2,888	2,423
79	96	4 824	263,259	719,846	2,734	2,270
80	97	3 340	175,673	456,586	2,599	2,135
81	98	2 273	115,240	280,913	2,438	1,973
82	99	1 475	72,089	165,673	2,298	1,834
83	100	914	43,039	93,584	2,174	1,710

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 443 918,386	24,556	24,091
1	19	99 152	95 567,989	2 344 393,427	24,531	24,067
2	20	99 106	92 070,857	2 248 825,438	24,425	23,961
3	21	99 072	88 712,724	2 156 754,581	24,312	23,847
4	22	99 043	85 481,077	2 068 041,858	24,193	23,729
5	23	99 014	82 367,587	1 982 560,781	24,070	23,605
6	24	98 983	79 365,739	1 900 193,194	23,942	23,478
7	25	98 956	76 476,195	1 820 827,454	23,809	23,345
8	26	98 929	73 692,045	1 744 351,260	23,671	23,206
9	27	98 902	71 008,872	1 670 659,214	23,527	23,063
10	28	98 873	68 421,834	1 599 650,342	23,379	22,915
11	29	98 840	65 927,238	1 531 228,508	23,226	22,762
12	30	98 806	63 522,208	1 465 301,270	23,068	22,603
13	31	98 769	61 203,249	1 401 779,062	22,904	22,439
14	32	98 728	58 966,614	1 340 575,813	22,734	22,270
15	33	98 682	56 808,704	1 281 609,199	22,560	22,096
16	34	98 632	54 727,655	1 224 800,495	22,380	21,915
17	35	98 568	52 715,335	1 170 072,840	22,196	21,732
18	36	98 499	50 774,619	1 117 357,506	22,006	21,542
19	37	98 415	48 897,695	1 066 582,887	21,813	21,348
20	38	98 329	47 088,947	1 017 685,192	21,612	21,148
21	39	98 227	45 339,910	970 596,245	21,407	20,943
22	40	98 125	43 655,553	925 256,335	21,194	20,730
23	41	98 014	42 030,119	881 600,782	20,975	20,511
24	42	97 894	40 461,465	839 570,663	20,750	20,285
25	43	97 765	38 947,804	799 109,198	20,517	20,053
26	44	97 631	37 488,223	760 161,394	20,277	19,813
27	45	97 485	36 079,266	722 673,171	20,030	19,566
28	46	97 325	34 718,198	686 593,905	19,776	19,312
29	47	97 151	33 403,619	651 875,707	19,515	19,051
30	48	96 956	32 131,695	618 472,088	19,248	18,784
31	49	96 746	30 902,955	586 340,393	18,974	18,509
32	50	96 504	29 711,560	555 437,438	18,694	18,230
33	51	96 246	28 561,191	525 725,878	18,407	17,943
34	52	95 965	27 448,549	497 164,687	18,113	17,648
35	53	95 653	26 370,222	469 716,138	17,812	17,348
36	54	95 307	25 325,111	443 345,916	17,506	17,042
37	55	94 935	24 314,688	418 020,805	17,192	16,728
38	56	94 532	23 336,305	393 706,117	16,871	16,407
39	57	94 091	22 387,905	370 369,812	16,543	16,079
40	58	93 613	21 469,099	347 981,907	16,209	15,744
41	59	93 083	20 575,949	326 512,809	15,869	15,404
42	60	92 511	19 710,308	305 936,860	15,522	15,057
43	61	91 875	18 867,315	286 226,551	15,170	14,706
44	62	91 212	18 054,000	267 359,237	14,809	14,344
45	63	90 495	17 264,648	249 305,236	14,440	13,976
46	64	89 715	16 497,262	232 040,588	14,065	13,601
47	65	88 867	15 750,612	215 543,326	13,685	13,220
48	66	87 935	15 022,243	199 792,714	13,300	12,835
49	67	86 925	14 312,819	184 770,471	12,909	12,445
50	68	85 811	13 618,757	170 457,652	12,516	12,052
51	69	84 636	12 946,724	156 838,895	12,114	11,650
52	70	83 367	12 291,713	143 892,171	11,706	11,242
53	71	81 987	11 651,301	131 600,457	11,295	10,830
54	72	80 486	11 024,546	119 949,157	10,880	10,416
55	73	78 884	10 414,576	108 924,611	10,459	9,994
56	74	77 185	9 821,966	98 510,034	10,030	9,565
57	75	75 346	9 241,433	88 688,069	9,597	9,132
58	76	73 352	8 671,679	79 446,635	9,162	8,697
59	77	71 146	8 106,809	70 774,956	8,730	8,266
60	78	68 764	7 552,217	62 668,147	8,298	7,834
61	79	66 161	7 003,659	55 115,931	7,870	7,405
62	80	63 279	6 456,532	48 112,272	7,452	6,987
63	81	60 111	5 911,576	41 655,740	7,046	6,582
64	82	56 711	5 375,661	35 744,164	6,649	6,185
65	83	53 088	4 850,272	30 368,503	6,261	5,797
66	84	49 236	4 335,764	25 518,231	5,886	5,421
67	85	45 175	3 834,412	21 182,467	5,524	5,060
68	86	40 938	3 349,192	17 348,056	5,180	4,715
69	87	36 601	2 886,123	13 998,863	4,850	4,386
70	88	32 219	2 448,720	11 112,741	4,538	4,074
71	89	27 880	2 042,394	8 664,020	4,242	3,778
72	90	23 639	1 669,121	6 621,627	3,967	3,503
73	91	19 615	1 334,947	4 952,506	3,710	3,245
74	92	15 871	1 041,070	3 617,559	3,475	3,010
75	93	12 495	790,031	2 576,489	3,261	2,797
76	94	9 545	581,683	1 786,458	3,071	2,607
77	95	7 026	412,665	1 204,775	2,919	2,455
78	96	5 058	286,374	792,109	2,766	2,302
79	97	3 524	192,315	505,735	2,630	2,165
80	98	2 415	127,002	313,421	2,468	2,003
81	99	1 580	80,123	186,419	2,327	1,862
82	100	988	48,261	106,296	2,202	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 435 178,174	24,473	24,009
1	20	99 133	95 549,542	2 335 673,483	24,445	23,980
2	21	99 087	92 053,808	2 240 123,941	24,335	23,871
3	22	99 055	88 698,037	2 148 070,133	24,218	23,753
4	23	99 026	85 466,284	2 059 372,096	24,096	23,631
5	24	98 993	82 349,715	1 973 905,812	23,970	23,505
6	25	98 966	79 352,281	1 891 556,097	23,837	23,373
7	26	98 938	76 461,935	1 812 203,815	23,701	23,236
8	27	98 910	73 677,707	1 735 741,880	23,559	23,094
9	28	98 881	70 993,362	1 662 064,174	23,412	22,947
10	29	98 848	68 404,770	1 591 070,812	23,260	22,795
11	30	98 815	65 910,177	1 522 666,042	23,102	22,638
12	31	98 777	63 503,347	1 456 755,865	22,940	22,475
13	32	98 737	61 183,713	1 393 252,518	22,772	22,307
14	33	98 694	58 946,150	1 332 068,805	22,598	22,134
15	34	98 647	56 788,477	1 273 122,655	22,419	21,954
16	35	98 593	54 706,250	1 216 334,178	22,234	21,769
17	36	98 528	52 694,118	1 161 627,928	22,045	21,580
18	37	98 453	50 750,813	1 108 933,810	21,851	21,386
19	38	98 370	48 875,191	1 058 182,997	21,651	21,186
20	39	98 271	47 061,369	1 009 307,806	21,447	20,982
21	40	98 168	45 312,901	962 246,437	21,236	20,771
22	41	98 058	43 625,924	916 933,537	21,018	20,554
23	42	97 939	41 998,056	873 307,612	20,794	20,330
24	43	97 813	40 427,890	831 309,556	20,563	20,098
25	44	97 678	38 912,754	790 881,667	20,324	19,860
26	45	97 531	37 449,983	751 968,913	20,079	19,615
27	46	97 376	36 039,148	714 518,930	19,826	19,362
28	47	97 201	34 674,115	678 479,782	19,567	19,103
29	48	97 012	33 355,733	643 805,667	19,301	18,837
30	49	96 801	32 080,298	610 449,934	19,029	18,564
31	50	96 570	30 846,976	578 369,636	18,750	18,285
32	51	96 314	29 653,008	547 522,659	18,464	18,000
33	52	96 034	28 498,105	517 869,651	18,172	17,708
34	53	95 730	27 381,155	489 371,546	17,873	17,408
35	54	95 391	26 298,149	461 990,391	17,567	17,103
36	55	95 020	25 248,891	435 692,243	17,256	16,791
37	56	94 621	24 234,124	410 443,351	16,937	16,472
38	57	94 190	23 251,854	386 209,227	16,610	16,145
39	58	93 716	22 298,526	362 957,373	16,277	15,813
40	59	93 201	21 374,408	340 658,847	15,938	15,473
41	60	92 634	20 476,567	319 284,439	15,593	15,128
42	61	92 012	19 604,050	298 807,873	15,242	14,778
43	62	91 361	18 761,750	279 203,823	14,882	14,417
44	63	90 657	17 944,293	260 442,073	14,514	14,049
45	64	89 899	17 150,971	242 497,780	14,139	13,675
46	65	89 061	16 377,041	225 346,809	13,760	13,295
47	66	88 155	15 624,416	208 969,769	13,375	12,910
48	67	87 167	14 891,018	193 345,353	12,984	12,520
49	68	86 082	14 174,065	178 454,335	12,590	12,126
50	69	84 934	13 479,644	164 280,271	12,187	11,723
51	70	83 690	12 802,081	150 800,626	11,779	11,315
52	71	82 351	12 141,957	137 998,545	11,365	10,901
53	72	80 889	11 495,286	125 856,589	10,949	10,484
54	73	79 326	10 865,690	114 361,303	10,525	10,061
55	74	77 662	10 253,330	103 495,613	10,094	9,629
56	75	75 864	9 653,927	93 242,283	9,658	9,194
57	76	73 910	9 065,222	83 588,356	9,221	8,756
58	77	71 751	8 482,410	74 523,134	8,786	8,321
59	78	69 406	7 908,582	66 040,724	8,351	7,886
60	79	66 832	7 339,997	58 132,141	7,920	7,455
61	80	63 982	6 773,075	50 792,144	7,499	7,035
62	81	60 849	6 208,549	44 019,068	7,090	6,626
63	82	57 462	5 651,097	37 810,519	6,691	6,226
64	83	53 856	5 105,042	32 159,422	6,300	5,835
65	84	50 004	4 568,559	27 054,381	5,922	5,457
66	85	45 926	4 044,309	22 485,821	5,560	5,095
67	86	41 687	3 538,314	18 441,512	5,212	4,748
68	87	37 299	3 051,424	14 903,198	4,884	4,420
69	88	32 897	2 594,076	11 851,775	4,569	4,104
70	89	28 519	2 167,546	9 257,699	4,271	3,807
71	90	24 230	1 775,007	7 090,154	3,994	3,530
72	91	20 142	1 422,196	5 315,146	3,737	3,273
73	92	16 333	1 111,564	3 892,950	3,502	3,038
74	93	12 894	845,809	2 781,386	3,288	2,824
75	94	9 881	624,758	1 935,578	3,098	2,634
76	95	7 300	444,887	1 310,820	2,946	2,482
77	96	5 276	309,898	865,933	2,794	2,330
78	97	3 695	209,200	556,035	2,658	2,193
79	98	2 548	139,033	346,834	2,495	2,030
80	99	1 679	88,301	207,802	2,353	1,889
81	100	1 058	53,640	119,501	2,228	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 426 019,327	24,386	23,921
1	21	99 114	95 531,849	2 326 533,842	24,353	23,889
2	22	99 071	92 038,568	2 231 001,993	24,240	23,775
3	23	99 038	88 682,688	2 138 963,425	24,119	23,655
4	24	99 004	85 447,740	2 050 280,737	23,995	23,530
5	25	98 976	82 335,751	1 964 832,998	23,864	23,399
6	26	98 948	79 337,485	1 882 497,247	23,728	23,263
7	27	98 918	76 447,058	1 803 159,762	23,587	23,123
8	28	98 889	73 661,614	1 726 712,704	23,441	22,977
9	29	98 856	70 975,656	1 653 051,091	23,290	22,826
10	30	98 822	68 387,068	1 582 075,434	23,134	22,670
11	31	98 785	65 890,606	1 513 688,366	22,973	22,508
12	32	98 745	63 483,077	1 447 797,760	22,806	22,342
13	33	98 703	61 162,479	1 384 314,683	22,633	22,169
14	34	98 658	58 925,162	1 323 152,204	22,455	21,990
15	35	98 608	56 766,266	1 264 227,042	22,271	21,806
16	36	98 553	54 684,232	1 207 460,775	22,081	21,616
17	37	98 482	52 669,412	1 152 776,544	21,887	21,423
18	38	98 408	50 727,457	1 100 107,131	21,687	21,222
19	39	98 312	48 846,566	1 049 379,675	21,483	21,019
20	40	98 213	47 033,334	1 000 533,108	21,273	20,808
21	41	98 102	45 282,147	953 499,774	21,057	20,592
22	42	97 983	43 592,644	908 217,627	20,834	20,370
23	43	97 858	41 963,205	864 624,983	20,604	20,140
24	44	97 725	40 391,507	822 661,778	20,367	19,903
25	45	97 578	38 873,061	782 270,270	20,124	19,659
26	46	97 422	37 408,341	743 397,209	19,872	19,408
27	47	97 253	35 993,388	705 988,869	19,614	19,150
28	48	97 062	34 624,408	669 995,481	19,350	18,886
29	49	96 857	33 302,378	635 371,073	19,079	18,614
30	50	96 626	32 022,187	602 068,695	18,802	18,337
31	51	96 380	30 786,187	570 046,508	18,516	18,052
32	52	96 101	29 587,511	539 260,321	18,226	17,762
33	53	95 798	28 428,134	509 672,810	17,928	17,464
34	54	95 468	27 306,318	481 244,676	17,624	17,160
35	55	95 104	26 219,001	453 938,358	17,313	16,849
36	56	94 705	25 165,232	427 719,357	16,996	16,532
37	57	94 279	24 146,423	402 554,125	16,671	16,207
38	58	93 814	23 159,026	378 407,702	16,340	15,875
39	59	93 302	22 200,177	355 248,676	16,002	15,538
40	60	92 750	21 271,169	333 048,499	15,657	15,193
41	61	92 134	20 366,177	311 777,329	15,309	14,844
42	62	91 498	19 494,363	291 411,152	14,948	14,484
43	63	90 806	18 647,742	271 916,789	14,582	14,117
44	64	90 060	17 826,140	253 269,047	14,208	13,743
45	65	89 244	17 025,985	235 442,907	13,828	13,364
46	66	88 348	16 245,825	218 416,922	13,444	12,980
47	67	87 384	15 487,930	202 171,097	13,053	12,589
48	68	86 322	14 746,658	186 683,167	12,659	12,195
49	69	85 203	14 029,279	171 936,508	12,256	11,791
50	70	83 986	13 329,047	157 907,229	11,847	11,382
51	71	82 670	12 646,107	144 578,182	11,433	10,968
52	72	81 249	11 979,372	131 932,075	11,013	10,549
53	73	79 723	11 329,646	119 952,704	10,588	10,123
54	74	78 098	10 697,459	108 623,057	10,154	9,690
55	75	76 334	10 077,912	97 925,598	9,717	9,252
56	76	74 418	9 469,851	87 847,687	9,277	8,812
57	77	72 296	8 867,364	78 377,836	8,839	8,374
58	78	69 997	8 274,999	69 510,472	8,400	7,936
59	79	67 456	7 686,349	61 235,473	7,967	7,502
60	80	64 631	7 098,341	53 549,124	7,544	7,079
61	81	61 525	6 512,935	46 450,783	7,132	6,668
62	82	58 168	5 934,985	39 937,848	6,729	6,265
63	83	54 570	5 366,612	34 002,863	6,336	5,872
64	84	50 728	4 808,531	28 636,251	5,955	5,491
65	85	46 643	4 261,457	23 827,720	5,591	5,127
66	86	42 380	3 732,002	19 566,264	5,243	4,778
67	87	37 981	3 223,730	15 834,261	4,912	4,447
68	88	33 524	2 742,650	12 610,531	4,598	4,134
69	89	29 120	2 296,211	9 867,881	4,297	3,833
70	90	24 785	1 883,775	7 571,670	4,019	3,555
71	91	20 646	1 512,418	5 687,895	3,761	3,296
72	92	16 772	1 184,213	4 175,477	3,526	3,062
73	93	13 270	903,081	2 991,264	3,312	2,848
74	94	10 197	668,867	2 088,184	3,122	2,658
75	95	7 558	477,832	1 419,317	2,970	2,506
76	96	5 482	334,095	941,485	2,818	2,354
77	97	3 854	226,385	607,390	2,683	2,219
78	98	2 671	151,240	381,005	2,519	2,055
79	99	1 771	96,665	229,764	2,377	1,912
80	100	1 124	59,115	133,099	2,252	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 416 428,247	24,294	23,829
1	22	99 098	95 516,033	2 316 961,185	24,257	23,793
2	23	99 054	92 022,641	2 221 445,151	24,140	23,676
3	24	99 017	88 663,445	2 129 422,510	24,017	23,552
4	25	98 987	85 433,250	2 040 759,065	23,887	23,423
5	26	98 957	82 320,398	1 955 325,815	23,753	23,288
6	27	98 929	79 322,048	1 873 005,417	23,613	23,148
7	28	98 897	76 430,359	1 793 683,368	23,468	23,004
8	29	98 864	73 643,243	1 717 253,009	23,319	22,854
9	30	98 830	70 957,289	1 643 609,766	23,163	22,699
10	31	98 793	68 366,762	1 572 652,477	23,003	22,539
11	32	98 754	65 869,574	1 504 285,715	22,837	22,373
12	33	98 711	63 461,045	1 438 416,141	22,666	22,202
13	34	98 668	61 140,703	1 374 955,096	22,488	22,024
14	35	98 620	58 902,116	1 313 814,393	22,305	21,841
15	36	98 568	56 743,419	1 254 912,278	22,116	21,651
16	37	98 507	54 658,593	1 198 168,859	21,921	21,457
17	38	98 437	52 645,172	1 143 510,265	21,721	21,257
18	39	98 350	50 697,748	1 090 865,093	21,517	21,053
19	40	98 254	48 817,468	1 040 167,345	21,307	20,843
20	41	98 146	47 001,413	991 349,877	21,092	20,627
21	42	98 027	45 247,603	944 348,464	20,871	20,406
22	43	97 902	43 556,470	899 100,861	20,642	20,178
23	44	97 770	41 925,441	855 544,391	20,406	19,942
24	45	97 625	40 350,306	813 618,949	20,164	19,699
25	46	97 469	38 829,836	773 268,643	19,914	19,450
26	47	97 299	37 360,842	734 438,807	19,658	19,194
27	48	97 113	35 941,790	697 077,965	19,395	18,930
28	49	96 907	34 569,024	661 136,175	19,125	18,661
29	50	96 681	33 242,053	626 567,152	18,849	18,384
30	51	96 436	31 959,081	593 325,099	18,565	18,101
31	52	96 167	30 718,187	561 366,018	18,275	17,810
32	53	95 865	29 514,865	530 647,830	17,979	17,515
33	54	95 536	28 350,436	501 132,965	17,676	17,212
34	55	95 181	27 224,136	472 782,530	17,366	16,902
35	56	94 789	26 132,127	445 558,394	17,050	16,586
36	57	94 362	25 074,162	419 426,267	16,727	16,263
37	58	93 902	24 050,024	394 352,105	16,397	15,933
38	59	93 400	23 056,882	370 302,081	16,060	15,596
39	60	92 852	22 092,950	347 245,199	15,717	15,253
40	61	92 250	21 156,496	325 152,249	15,369	14,904
41	62	91 619	20 252,226	303 995,752	15,010	14,546
42	63	90 942	19 375,903	283 743,526	14,644	14,180
43	64	90 208	18 524,958	264 367,623	14,271	13,806
44	65	89 404	17 696,235	245 842,666	13,892	13,428
45	66	88 529	16 889,570	228 146,431	13,508	13,044
46	67	87 576	16 103,911	211 256,861	13,118	12,654
47	68	86 537	15 337,784	195 152,950	12,724	12,259
48	69	85 440	14 596,024	179 815,166	12,319	11,855
49	70	84 251	13 872,542	165 219,142	11,910	11,445
50	71	82 962	13 166,652	151 346,600	11,495	11,030
51	72	81 563	12 476,771	138 179,948	11,075	10,611
52	73	80 078	11 806,757	125 703,177	10,647	10,182
53	74	78 489	11 154,232	113 896,420	10,211	9,747
54	75	76 762	10 514,443	102 742,188	9,772	9,307
55	76	74 878	9 885,751	92 227,746	9,329	8,865
56	77	72 794	9 263,161	82 341,995	8,889	8,425
57	78	70 529	8 650,540	73 078,834	8,448	7,983
58	79	68 030	8 042,470	64 428,294	8,011	7,547
59	80	65 235	7 433,289	56 385,824	7,586	7,121
60	81	62 149	6 825,708	48 952,535	7,172	6,707
61	82	58 814	6 225,959	42 126,827	6,766	6,302
62	83	55 239	5 636,208	35 900,868	6,370	5,905
63	84	51 400	5 054,909	30 264,660	5,987	5,523
64	85	47 318	4 485,297	25 209,751	5,621	5,156
65	86	43 041	3 932,381	20 724,454	5,270	4,806
66	87	38 612	3 400,199	16 792,073	4,939	4,474
67	88	34 137	2 897,521	13 391,874	4,622	4,157
68	89	29 675	2 427,725	10 494,353	4,323	3,858
69	90	25 308	1 995,595	8 066,628	4,042	3,578
70	91	21 119	1 605,095	6 071,033	3,782	3,318
71	92	17 191	1 259,338	4 465,938	3,546	3,082
72	93	13 626	962,104	3 206,601	3,333	2,868
73	94	10 494	714,158	2 244,497	3,143	2,678
74	95	7 799	511,568	1 530,339	2,991	2,527
75	96	5 675	358,836	1 018,771	2,839	2,375
76	97	4 005	244,061	659,935	2,704	2,240
77	98	2 786	163,664	415,874	2,541	2,077
78	99	1 857	105,153	252,210	2,399	1,934
79	100	1 186	64,715	147,057	2,272	1,808

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 406 391,129	24,197	23,732
1	23	99 081	95 499,505	2 306 940,533	24,157	23,692
2	24	99 032	92 002,674	2 211 441,029	24,037	23,572
3	25	99 000	88 648,410	2 119 438,355	23,908	23,444
4	26	98 969	85 417,320	2 030 789,945	23,775	23,310
5	27	98 938	82 304,381	1 945 372,625	23,636	23,172
6	28	98 907	79 304,722	1 863 068,243	23,493	23,028
7	29	98 872	76 411,298	1 783 763,521	23,344	22,880
8	30	98 838	73 624,185	1 707 352,223	23,190	22,726
9	31	98 801	70 936,220	1 633 728,038	23,031	22,567
10	32	98 761	68 344,940	1 562 791,818	22,866	22,402
11	33	98 720	65 846,714	1 494 446,879	22,696	22,231
12	34	98 676	63 438,450	1 428 600,164	22,519	22,055
13	35	98 629	61 116,790	1 365 161,714	22,337	21,873
14	36	98 580	58 878,408	1 304 044,925	22,148	21,684
15	37	98 522	56 716,815	1 245 166,516	21,954	21,490
16	38	98 462	54 633,438	1 188 449,701	21,753	21,289
17	39	98 379	52 614,340	1 133 816,263	21,550	21,085
18	40	98 291	50 667,547	1 081 201,923	21,339	20,875
19	41	98 187	48 784,336	1 030 534,376	21,124	20,660
20	42	98 071	46 965,557	981 750,040	20,904	20,439
21	43	97 946	45 210,056	934 784,483	20,676	20,212
22	44	97 814	43 517,272	889 574,427	20,442	19,977
23	45	97 670	41 882,676	846 057,154	20,201	19,736
24	46	97 517	40 305,438	804 174,479	19,952	19,488
25	47	97 346	38 780,532	763 869,040	19,697	19,233
26	48	97 159	37 307,284	725 088,508	19,436	18,971
27	49	96 958	35 884,298	687 781,224	19,167	18,702
28	50	96 731	34 506,404	651 896,926	18,892	18,428
29	51	96 491	33 176,544	617 390,522	18,609	18,145
30	52	96 223	31 888,491	584 213,979	18,321	17,856
31	53	95 931	30 642,765	552 325,488	18,025	17,560
32	54	95 603	29 434,197	521 682,723	17,724	17,259
33	55	95 249	28 265,111	492 248,526	17,415	16,951
34	56	94 866	27 133,932	463 983,415	17,100	16,635
35	57	94 446	26 037,558	436 849,483	16,778	16,313
36	58	93 986	24 974,059	410 811,925	16,450	15,985
37	59	93 488	23 943,950	385 837,866	16,114	15,650
38	60	92 949	22 945,517	361 893,916	15,772	15,307
39	61	92 351	21 973,847	338 948,399	15,425	14,961
40	62	91 734	21 038,123	316 974,553	15,067	14,602
41	63	91 062	20 129,161	295 936,429	14,702	14,237
42	64	90 343	19 248,324	275 807,269	14,329	13,864
43	65	89 551	18 389,960	256 558,945	13,951	13,487
44	66	88 688	17 554,450	238 168,985	13,567	13,103
45	67	87 755	16 742,033	220 614,535	13,177	12,713
46	68	86 727	15 947,793	203 872,503	12,784	12,319
47	69	85 653	15 181,111	187 924,709	12,379	11,914
48	70	84 486	14 432,955	172 743,598	11,969	11,504
49	71	83 224	13 703,525	158 310,643	11,553	11,088
50	72	81 851	12 990,346	144 607,118	11,132	10,667
51	73	80 388	12 296,989	131 616,772	10,703	10,239
52	74	78 838	11 623,956	119 319,783	10,265	9,801
53	75	77 146	10 963,401	107 695,827	9,823	9,359
54	76	75 298	10 313,958	96 732,426	9,379	8,914
55	77	73 244	9 669,984	86 418,468	8,937	8,472
56	78	71 014	9 036,659	76 748,485	8,493	8,029
57	79	68 547	8 407,458	67 711,825	8,054	7,589
58	80	65 790	7 777,685	59 304,368	7,625	7,161
59	81	62 729	7 147,792	51 526,682	7,209	6,744
60	82	59 411	6 524,949	44 378,891	6,801	6,337
61	83	55 853	5 912,534	37 853,941	6,402	5,938
62	84	52 031	5 308,847	31 941,407	6,017	5,552
63	85	47 945	4 715,113	26 632,560	5,648	5,184
64	86	43 664	4 138,937	21 917,447	5,295	4,831
65	87	39 214	3 582,762	17 778,511	4,962	4,498
66	88	34 705	3 056,133	14 195,748	4,645	4,181
67	89	30 218	2 564,813	11 139,616	4,343	3,879
68	90	25 790	2 109,892	8 574,803	4,064	3,600
69	91	21 564	1 700,373	6 464,911	3,802	3,338
70	92	17 585	1 336,506	4 764,538	3,565	3,100
71	93	13 967	1 023,138	3 428,032	3,351	2,886
72	94	10 775	760,833	2 404,894	3,161	2,696
73	95	8 026	546,207	1 644,060	3,010	2,546
74	96	5 857	384,170	1 097,853	2,858	2,393
75	97	4 146	262,135	713,683	2,723	2,258
76	98	2 895	176,443	451,548	2,559	2,095
77	99	1 937	113,790	275,105	2,418	1,953
78	100	1 243	70,397	161,315	2,292	1,827

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 395 892,433	24,095	23,631
1	24	99 059	95 478,783	2 296 459,047	24,052	23,588
2	25	99 015	91 987,073	2 200 980,264	23,927	23,463
3	26	98 982	88 631,881	2 108 993,192	23,795	23,331
4	27	98 950	85 400,700	2 020 361,311	23,657	23,193
5	28	98 916	82 286,403	1 934 960,611	23,515	23,051
6	29	98 882	79 284,944	1 852 674,207	23,367	22,903
7	30	98 847	76 391,524	1 773 389,263	23,214	22,750
8	31	98 809	73 602,324	1 696 997,739	23,056	22,592
9	32	98 769	70 913,577	1 623 395,415	22,893	22,428
10	33	98 727	68 321,221	1 552 481,838	22,723	22,259
11	34	98 684	65 823,270	1 484 160,617	22,548	22,083
12	35	98 637	63 413,638	1 418 337,347	22,366	21,902
13	36	98 590	61 092,191	1 354 923,709	22,178	21,714
14	37	98 534	58 850,803	1 293 831,518	21,985	21,521
15	38	98 477	56 690,713	1 234 980,714	21,785	21,320
16	39	98 404	54 601,441	1 178 290,002	21,580	21,115
17	40	98 320	52 582,998	1 123 688,560	21,370	20,905
18	41	98 225	50 633,159	1 071 105,563	21,154	20,690
19	42	98 112	48 747,120	1 020 472,404	20,934	20,470
20	43	97 990	46 926,585	971 725,283	20,707	20,243
21	44	97 858	45 169,370	924 798,699	20,474	20,010
22	45	97 714	43 472,883	879 629,329	20,234	19,770
23	46	97 561	41 836,104	836 156,446	19,986	19,522
24	47	97 393	40 254,261	794 320,341	19,733	19,268
25	48	97 206	38 724,939	754 066,080	19,472	19,008
26	49	97 004	37 247,608	715 341,141	19,205	18,741
27	50	96 782	35 819,296	678 093,533	18,931	18,467
28	51	96 541	34 438,403	642 274,238	18,650	18,186
29	52	96 278	33 103,264	607 835,835	18,362	17,897
30	53	95 986	31 810,195	574 732,571	18,068	17,603
31	54	95 669	30 559,014	542 922,376	17,766	17,302
32	55	95 315	29 345,610	512 363,362	17,460	16,995
33	56	94 933	28 171,458	483 017,751	17,146	16,681
34	57	94 522	27 035,737	454 846,293	16,824	16,359
35	58	94 069	25 933,609	427 810,556	16,496	16,032
36	59	93 571	24 863,909	401 876,948	16,163	15,699
37	60	93 036	23 828,301	377 013,038	15,822	15,358
38	61	92 448	22 821,817	353 184,738	15,476	15,011
39	62	91 834	21 850,901	330 362,920	15,119	14,655
40	63	91 177	20 910,282	308 512,019	14,754	14,290
41	64	90 463	19 996,622	287 601,737	14,383	13,918
42	65	89 684	19 108,055	267 605,115	14,005	13,540
43	66	88 833	18 242,616	248 497,060	13,622	13,157
44	67	87 913	17 401,104	230 254,444	13,232	12,768
45	68	86 904	16 579,729	212 853,340	12,838	12,374
46	69	85 841	15 784,890	196 273,611	12,434	11,970
47	70	84 696	15 011,505	180 488,721	12,023	11,559
48	71	83 457	14 257,111	165 477,216	11,607	11,142
49	72	82 110	13 520,030	151 220,106	11,185	10,720
50	73	80 672	12 803,164	137 700,076	10,755	10,291
51	74	79 144	12 106,597	124 896,912	10,316	9,852
52	75	77 489	11 425,088	112 790,314	9,872	9,408
53	76	75 675	10 754,356	101 365,226	9,426	8,961
54	77	73 654	10 088,845	90 610,870	8,981	8,517
55	78	71 453	9 433,534	80 522,025	8,536	8,071
56	79	69 018	8 782,727	71 088,491	8,094	7,630
57	80	66 290	8 130,657	62 305,764	7,663	7,199
58	81	63 263	7 478,960	54 175,107	7,244	6,779
59	82	59 965	6 832,842	46 696,147	6,834	6,370
60	83	56 420	6 196,473	39 863,305	6,433	5,969
61	84	52 609	5 569,123	33 666,832	6,045	5,581
62	85	48 533	4 951,981	28 097,709	5,674	5,210
63	86	44 243	4 351,006	23 145,728	5,320	4,855
64	87	39 782	3 770,953	18 794,722	4,984	4,520
65	88	35 246	3 220,222	15 023,769	4,665	4,201
66	89	30 720	2 705,212	11 803,547	4,363	3,899
67	90	26 261	2 229,032	9 098,335	4,082	3,617
68	91	21 975	1 797,761	6 869,302	3,821	3,357
69	92	17 955	1 415,841	5 071,541	3,582	3,118
70	93	14 287	1 085,833	3 655,700	3,367	2,902
71	94	11 045	809,099	2 569,867	3,176	2,712
72	95	8 241	581,906	1 760,768	3,026	2,561
73	96	6 027	410,183	1 178,861	2,874	2,410
74	97	4 278	280,642	768,678	2,739	2,275
75	98	2 997	189,509	488,036	2,575	2,111
76	99	2 013	122,675	298,527	2,433	1,969
77	100	1 297	76,180	175,852	2,308	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 384 918,849	23,990	23,526
1	25	99 042	95 462,592	2 285 507,039	23,941	23,477
2	26	98 997	91 969,921	2 190 044,447	23,813	23,348
3	27	98 962	88 614,636	2 098 074,526	23,676	23,212
4	28	98 928	85 382,046	2 009 459,891	23,535	23,070
5	29	98 892	82 265,882	1 924 077,844	23,389	22,924
6	30	98 857	79 264,427	1 841 811,963	23,236	22,772
7	31	98 817	76 368,841	1 762 547,536	23,079	22,615
8	32	98 777	73 578,830	1 686 178,695	22,917	22,452
9	33	98 735	70 888,967	1 612 599,865	22,748	22,284
10	34	98 692	68 296,895	1 541 710,898	22,574	22,109
11	35	98 646	65 797,525	1 473 414,003	22,393	21,929
12	36	98 597	63 388,115	1 407 616,477	22,206	21,742
13	37	98 543	61 063,548	1 344 228,362	22,014	21,549
14	38	98 489	58 823,719	1 283 164,814	21,814	21,349
15	39	98 419	56 657,511	1 224 341,095	21,610	21,145
16	40	98 346	54 568,915	1 167 683,584	21,398	20,934
17	41	98 254	52 547,310	1 113 114,669	21,183	20,719
18	42	98 150	50 594,533	1 060 567,359	20,962	20,498
19	43	98 031	48 706,670	1 009 972,826	20,736	20,271
20	44	97 902	46 884,354	961 266,157	20,503	20,038
21	45	97 758	45 123,295	914 381,803	20,264	19,800
22	46	97 605	43 424,543	869 258,507	20,018	19,553
23	47	97 437	41 782,983	825 833,964	19,765	19,300
24	48	97 253	40 196,555	784 050,981	19,505	19,041
25	49	97 051	38 662,995	743 854,425	19,239	18,775
26	50	96 828	37 180,136	705 191,430	18,967	18,502
27	51	96 592	35 748,708	668 011,294	18,686	18,222
28	52	96 327	34 362,336	632 262,586	18,400	17,935
29	53	96 041	33 021,986	597 900,250	18,106	17,642
30	54	95 724	31 723,253	564 878,265	17,806	17,342
31	55	95 381	30 467,043	533 155,011	17,499	17,035
32	56	94 999	29 248,377	502 687,969	17,187	16,722
33	57	94 589	28 069,509	473 439,592	16,867	16,402
34	58	94 145	26 927,803	445 370,083	16,539	16,075
35	59	93 654	25 819,227	418 442,280	16,207	15,742
36	60	93 119	24 743,817	392 623,053	15,868	15,403
37	61	92 535	23 699,842	367 879,237	15,522	15,058
38	62	91 931	22 694,127	344 179,395	15,166	14,702
39	63	91 276	21 718,121	321 485,268	14,803	14,338
40	64	90 576	20 772,600	299 767,147	14,431	13,966
41	65	89 803	19 850,900	278 994,547	14,055	13,590
42	66	88 966	18 954,958	259 143,647	13,672	13,207
43	67	88 057	18 083,259	240 188,690	13,282	12,818
44	68	87 061	17 232,411	222 105,430	12,889	12,424
45	69	86 017	16 410,370	204 873,020	12,484	12,020
46	70	84 882	15 608,538	188 462,649	12,074	11,610
47	71	83 665	14 828,612	172 854,111	11,657	11,192
48	72	82 339	14 066,203	158 025,499	11,234	10,770
49	73	80 927	13 325,216	143 959,296	10,804	10,339
50	74	79 423	12 604,936	130 634,081	10,364	9,899
51	75	77 790	11 899,473	118 029,145	9,919	9,454
52	76	76 012	11 207,240	106 129,672	9,470	9,005
53	77	74 024	10 519,631	94 922,432	9,023	8,559
54	78	71 853	9 842,154	84 402,802	8,576	8,111
55	79	69 445	9 168,450	74 560,648	8,132	7,668
56	80	66 746	8 493,571	65 392,198	7,699	7,235
57	81	63 744	7 818,375	56 898,628	7,278	6,813
58	82	60 476	7 149,418	49 080,253	6,865	6,401
59	83	56 946	6 488,866	41 930,835	6,462	5,998
60	84	53 143	5 836,570	35 441,969	6,072	5,608
61	85	49 073	5 194,761	29 605,399	5,699	5,235
62	86	44 786	4 569,582	24 410,638	5,342	4,878
63	87	40 309	3 964,168	19 841,055	5,005	4,541
64	88	35 757	3 389,370	15 876,887	4,684	4,220
65	89	31 199	2 850,460	12 487,517	4,381	3,916
66	90	26 698	2 351,051	9 637,057	4,099	3,635
67	91	22 376	1 899,276	7 286,006	3,836	3,372
68	92	18 298	1 496,932	5 386,730	3,599	3,134
69	93	14 588	1 150,288	3 889,797	3,382	2,917
70	94	11 298	858,679	2 739,509	3,190	2,726
71	95	8 447	618,821	1 880,830	3,039	2,575
72	96	6 189	436,992	1 262,009	2,888	2,424
73	97	4 403	299,645	825,017	2,753	2,289
74	98	3 093	202,889	525,372	2,589	2,125
75	99	2 084	131,760	322,483	2,448	1,983
76	100	1 348	82,128	190,724	2,322	1,858

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 373 460,387	23,879	23,415
1	26	99 024	95 444,792	2 274 065,434	23,826	23,362
2	27	98 978	91 952,026	2 178 620,642	23,693	23,229
3	28	98 941	88 595,280	2 086 668,616	23,553	23,088
4	29	98 903	85 360,753	1 998 073,336	23,407	22,943
5	30	98 866	82 244,593	1 912 712,584	23,256	22,792
6	31	98 828	79 240,890	1 830 467,991	23,100	22,636
7	32	98 786	76 344,465	1 751 227,101	22,938	22,474
8	33	98 743	73 553,295	1 674 882,636	22,771	22,307
9	34	98 700	70 863,727	1 601 329,341	22,597	22,133
10	35	98 653	68 270,183	1 530 465,614	22,418	21,953
11	36	98 606	65 771,043	1 462 195,431	22,232	21,767
12	37	98 551	63 358,396	1 396 424,388	22,040	21,576
13	38	98 498	61 035,445	1 333 065,992	21,841	21,376
14	39	98 431	58 789,268	1 272 030,547	21,637	21,173
15	40	98 360	56 623,760	1 213 241,278	21,426	20,962
16	41	98 279	54 531,879	1 156 617,518	21,210	20,746
17	42	98 179	52 507,223	1 102 085,639	20,989	20,525
18	43	98 068	50 552,549	1 049 578,416	20,762	20,298
19	44	97 943	48 662,837	999 025,867	20,530	20,065
20	45	97 802	46 836,530	950 363,030	20,291	19,827
21	46	97 649	45 073,120	903 526,500	20,046	19,581
22	47	97 481	43 369,406	858 453,379	19,794	19,330
23	48	97 298	41 723,086	815 083,974	19,536	19,071
24	49	97 098	40 132,258	773 360,888	19,270	18,806
25	50	96 875	38 592,959	733 228,630	18,999	18,535
26	51	96 637	37 106,866	694 635,671	18,720	18,255
27	52	96 378	35 669,747	657 528,805	18,434	17,969
28	53	96 091	34 277,966	621 859,058	18,142	17,677
29	54	95 779	32 931,732	587 581,092	17,842	17,378
30	55	95 436	31 627,778	554 649,360	17,537	17,072
31	56	95 065	30 366,093	523 021,582	17,224	16,759
32	57	94 656	29 142,530	492 655,489	16,905	16,441
33	58	94 212	27 957,447	463 512,958	16,579	16,115
34	59	93 730	26 809,037	435 555,511	16,247	15,782
35	60	93 202	25 694,520	408 746,474	15,908	15,444
36	61	92 617	24 610,422	383 051,955	15,565	15,100
37	62	92 017	23 567,239	358 441,532	15,209	14,745
38	63	91 372	22 556,223	334 874,294	14,846	14,382
39	64	90 675	21 575,120	312 318,071	14,476	14,011
40	65	89 916	20 621,223	290 742,951	14,099	13,635
41	66	89 084	19 691,851	270 121,728	13,717	13,253
42	67	88 189	18 789,378	250 429,877	13,328	12,864
43	68	87 204	17 907,953	231 640,499	12,935	12,471
44	69	86 171	17 056,385	213 732,546	12,531	12,067
45	70	85 056	16 227,031	196 676,160	12,120	11,656
46	71	83 848	15 418,371	180 449,130	11,704	11,239
47	72	82 544	14 630,052	165 030,759	11,280	10,816
48	73	81 153	13 863,518	150 400,707	10,849	10,384
49	74	79 674	13 118,904	136 537,189	10,408	9,943
50	75	78 064	12 389,285	123 418,285	9,962	9,497
51	76	76 306	11 672,579	111 028,999	9,512	9,048
52	77	74 353	10 962,630	99 356,420	9,063	8,599
53	78	72 214	10 262,406	88 393,790	8,613	8,149
54	79	69 834	9 565,587	78 131,384	8,168	7,704
55	80	67 159	8 866,594	68 565,798	7,733	7,269
56	81	64 182	8 167,350	59 699,204	7,309	6,845
57	82	60 935	7 473,877	51 531,854	6,895	6,431
58	83	57 431	6 789,505	44 057,977	6,489	6,025
59	84	53 639	6 111,980	37 268,472	6,098	5,633
60	85	49 570	5 444,231	31 156,492	5,723	5,258
61	86	45 283	4 793,615	25 712,261	5,364	4,899
62	87	40 804	4 163,312	20 918,646	5,025	4,560
63	88	36 230	3 563,034	16 755,334	4,703	4,238
64	89	31 651	3 000,186	13 192,301	4,397	3,933
65	90	27 115	2 477,283	10 192,115	4,114	3,650
66	91	22 748	2 003,243	7 714,832	3,851	3,387
67	92	18 632	1 581,461	5 711,588	3,612	3,147
68	93	14 866	1 216,170	4 130,127	3,396	2,932
69	94	11 536	909,650	2 913,957	3,203	2,739
70	95	8 641	656,741	2 004,307	3,052	2,587
71	96	6 344	464,714	1 347,566	2,900	2,435
72	97	4 521	319,229	882,852	2,766	2,301
73	98	3 183	216,627	563,623	2,602	2,137
74	99	2 150	141,062	346,996	2,460	1,995
75	100	1 395	88,210	205,934	2,335	1,870

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	96 043,702	2 443 966,844	25,446	24,982
2	1	99 313	92 263,475	2 347 923,142	25,448	24,984
3	2	99 275	88 894,236	2 255 659,668	25,375	24,910
4	3	99 250	85 659,959	2 166 765,432	25,295	24,831
5	4	99 227	82 544,404	2 081 105,473	25,212	24,748
6	5	99 208	79 546,140	1 998 561,069	25,125	24,660
7	6	99 191	76 657,278	1 919 014,929	25,034	24,569
8	7	99 176	73 875,449	1 842 357,651	24,939	24,474
9	8	99 163	71 195,941	1 768 482,202	24,840	24,375
10	9	99 149	68 612,828	1 697 286,261	24,737	24,273
11	10	99 135	66 123,481	1 628 673,433	24,631	24,166
12	11	99 120	63 724,008	1 562 549,952	24,521	24,056
13	12	99 105	61 411,343	1 498 825,944	24,406	23,942
14	13	99 087	59 181,313	1 437 414,601	24,288	23,824
15	14	99 067	57 030,451	1 378 233,288	24,167	23,702
16	15	99 042	54 955,080	1 321 202,837	24,042	23,577
17	16	99 004	52 948,484	1 266 247,757	23,915	23,450
18	17	98 961	51 012,521	1 213 299,273	23,784	23,320
19	18	98 908	49 142,649	1 162 286,752	23,651	23,187
20	19	98 847	47 336,989	1 113 144,102	23,515	23,051
21	20	98 783	45 596,645	1 065 807,113	23,375	22,910
22	21	98 721	43 920,785	1 020 210,468	23,228	22,764
23	22	98 660	42 307,189	976 289,683	23,076	22,612
24	23	98 598	40 752,234	933 982,494	22,919	22,454
25	24	98 528	39 251,755	893 230,259	22,756	22,292
26	25	98 464	37 808,402	853 978,504	22,587	22,123
27	26	98 399	36 417,775	816 170,102	22,411	21,947
28	27	98 328	35 076,120	779 752,327	22,230	21,766
29	28	98 256	33 783,514	744 676,207	22,043	21,578
30	29	98 175	32 535,661	710 892,693	21,850	21,385
31	30	98 093	31 333,496	678 357,031	21,650	21,185
32	31	97 997	30 171,210	647 023,535	21,445	20,981
33	32	97 897	29 051,037	616 852,325	21,233	20,769
34	33	97 793	27 971,406	587 801,288	21,014	20,550
35	34	97 680	26 929,089	559 829,882	20,789	20,325
36	35	97 555	25 922,564	532 900,792	20,557	20,093
37	36	97 429	24 953,387	506 978,228	20,317	19,853
38	37	97 292	24 017,656	482 024,841	20,070	19,605
39	38	97 145	23 114,610	458 007,185	19,815	19,350
40	39	96 983	22 241,793	434 892,575	19,553	19,089
41	40	96 803	21 398,177	412 650,782	19,284	18,820
42	41	96 609	20 583,452	391 252,605	19,008	18,544
43	42	96 392	19 794,798	370 669,153	18,726	18,261
44	43	96 154	19 032,272	350 874,355	18,436	17,971
45	44	95 895	18 294,941	331 842,083	18,138	17,674
46	45	95 601	17 579,680	313 547,142	17,836	17,371
47	46	95 286	16 888,450	295 967,462	17,525	17,060
48	47	94 929	16 216,944	279 079,012	17,209	16,745
49	48	94 529	15 564,916	262 862,068	16,888	16,424
50	49	94 081	14 931,196	247 297,153	16,562	16,098
51	50	93 580	14 314,911	232 365,957	16,232	15,768
52	51	93 035	13 717,147	218 051,046	15,896	15,432
53	52	92 418	13 133,764	204 333,899	15,558	15,093
54	53	91 732	12 565,001	191 200,135	15,217	14,752
55	54	90 971	12 010,420	178 635,134	14,873	14,409
56	55	90 140	11 470,508	166 624,713	14,526	14,062
57	56	89 227	10 944,013	155 154,205	14,177	13,713
58	57	88 234	10 431,021	144 210,193	13,825	13,361
59	58	87 140	9 929,336	133 779,172	13,473	13,009
60	59	85 953	9 440,093	123 849,836	13,120	12,655
61	60	84 679	8 964,016	114 409,743	12,763	12,299
62	61	83 297	8 499,011	105 445,727	12,407	11,942
63	62	81 827	8 047,199	96 946,717	12,047	11,583
64	63	80 267	7 608,460	88 899,517	11,684	11,220
65	64	78 600	7 181,160	81 291,057	11,320	10,856
66	65	76 828	6 765,571	74 109,897	10,954	10,490
67	66	74 967	6 363,048	67 344,326	10,584	10,119
68	67	72 978	5 970,333	60 981,278	10,214	9,750
69	68	70 918	5 592,166	55 010,945	9,837	9,373
70	69	68 746	5 224,895	49 418,779	9,458	8,994
71	70	66 455	4 868,211	44 193,884	9,078	8,614
72	71	64 044	4 522,029	39 325,673	8,696	8,232
73	72	61 534	4 187,773	34 803,644	8,311	7,846
74	73	58 931	3 865,677	30 615,871	7,920	7,456
75	74	56 225	3 554,845	26 750,194	7,525	7,061
76	75	53 382	3 253,126	23 195,349	7,130	6,666
77	76	50 393	2 959,978	19 942,223	6,737	6,273
78	77	47 260	2 675,590	16 982,246	6,347	5,883
79	78	43 972	2 399,485	14 306,656	5,962	5,498
80	79	40 502	2 130,260	11 907,170	5,590	5,125
81	80	36 874	1 869,332	9 776,910	5,230	4,766
82	81	33 099	1 617,291	7 907,578	4,889	4,425
83	82	29 275	1 378,728	6 290,287	4,562	4,098
84	83	25 443	1 154,975	4 911,559	4,253	3,788
85	84	21 681	948,618	3 756,584	3,960	3,496
86	85	18 049	761,173	2 807,966	3,689	3,225
87	86	14 656	595,751	2 046,793	3,436	2,971
88	87	11 578	453,590	1 451,042	3,199	2,735
89	88	8 871	334,981	997,451	2,978	2,513
90	89	6 577	239,373	662,470	2,768	2,303
91	90	4 689	164,512	423,097	2,572	2,107
92	91	3 187	107,762	258,585	2,400	1,935
93	92	2 059	67,093	150,823	2,248	1,784
94	93	1 265	39,728	83,730	2,108	1,643
95	94	727	22,000	44,002	2,000	1,536
96	95	397	11,581	22,002	1,900	1,435
97	96	205	5,762	10,421	1,809	1,344
98	97	99	2,686	4,660	1,735	1,271
99	98	46	1,195	1,974	1,652	1,188
100	99	20	0,493	0,779	1,582	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	92 547,026	2 350 697,024	25,400	24,936
3	1	99 297	88 914,780	2 258 149,998	25,397	24,932
4	2	99 262	85 670,160	2 169 235,218	25,321	24,856
5	3	99 238	82 554,240	2 083 565,058	25,239	24,774
6	4	99 217	79 553,374	2 001 010,818	25,153	24,689
7	5	99 198	76 663,027	1 921 457,444	25,064	24,599
8	6	99 182	73 880,312	1 844 794,417	24,970	24,506
9	7	99 168	71 199,451	1 770 914,105	24,873	24,408
10	8	99 155	68 617,076	1 699 714,654	24,771	24,307
11	9	99 141	66 127,760	1 631 097,578	24,666	24,201
12	10	99 126	63 727,784	1 564 969,818	24,557	24,093
13	11	99 112	61 415,918	1 501 242,034	24,444	23,979
14	12	99 095	59 185,996	1 439 826,116	24,327	23,863
15	13	99 075	57 035,340	1 380 640,121	24,207	23,742
16	14	99 052	54 960,847	1 323 604,781	24,083	23,618
17	15	99 016	52 955,109	1 268 643,933	23,957	23,493
18	16	98 975	51 019,720	1 215 688,824	23,828	23,363
19	17	98 923	49 149,846	1 164 669,105	23,696	23,232
20	18	98 867	47 346,631	1 115 519,259	23,561	23,096
21	19	98 802	45 605,448	1 068 172,628	23,422	22,958
22	20	98 739	43 928,920	1 022 567,180	23,278	22,813
23	21	98 676	42 314,194	978 638,260	23,128	22,663
24	22	98 615	40 759,288	936 324,066	22,972	22,508
25	23	98 550	39 260,274	895 564,778	22,811	22,347
26	24	98 481	37 814,814	856 304,504	22,645	22,180
27	25	98 418	36 424,566	818 489,689	22,471	22,006
28	26	98 347	35 082,947	782 065,123	22,292	21,827
29	27	98 278	33 790,895	746 982,176	22,106	21,642
30	28	98 200	32 543,778	713 191,282	21,915	21,450
31	29	98 119	31 341,607	680 647,504	21,717	21,253
32	30	98 026	30 180,172	649 305,897	21,514	21,050
33	31	97 928	29 060,313	619 125,725	21,305	20,840
34	32	97 827	27 981,117	590 065,412	21,088	20,624
35	33	97 715	26 938,681	562 084,296	20,865	20,401
36	34	97 593	25 932,707	535 145,615	20,636	20,172
37	35	97 468	24 963,435	509 212,908	20,398	19,934
38	36	97 338	24 028,922	484 249,473	20,153	19,688
39	37	97 190	23 125,253	460 220,551	19,901	19,437
40	38	97 039	22 254,827	437 095,299	19,640	19,176
41	39	96 861	21 410,932	414 840,472	19,375	18,911
42	40	96 675	20 597,431	393 429,540	19,101	18,636
43	41	96 465	19 809,910	372 832,108	18,820	18,356
44	42	96 234	19 048,078	353 022,198	18,533	18,069
45	43	95 981	18 311,420	333 974,120	18,239	17,774
46	44	95 699	17 597,630	315 662,700	17,938	17,473
47	45	95 392	16 907,250	298 065,070	17,629	17,165
48	46	95 050	16 237,561	281 157,820	17,315	16,851
49	47	94 664	15 587,261	264 920,259	16,996	16,532
50	48	94 231	14 955,118	249 332,998	16,672	16,208
51	49	93 750	14 340,889	234 377,880	16,343	15,879
52	50	93 218	13 744,232	220 036,992	16,009	15,545
53	51	92 623	13 162,838	206 292,759	15,672	15,208
54	52	91 958	12 595,928	193 129,922	15,333	14,868
55	53	91 221	12 043,337	180 533,994	14,990	14,526
56	54	90 412	11 505,134	168 490,657	14,645	14,180
57	55	89 524	10 980,395	156 985,523	14,297	13,832
58	56	88 555	10 468,907	146 005,128	13,947	13,482
59	57	87 489	9 969,135	135 536,221	13,596	13,131
60	58	86 334	9 481,913	125 567,086	13,243	12,778
61	59	85 090	9 007,522	116 085,173	12,888	12,423
62	60	83 749	8 545,077	107 077,650	12,531	12,066
63	61	82 287	8 092,478	98 532,573	12,176	11,711
64	62	80 757	7 654,977	90 440,095	11,815	11,350
65	63	79 121	7 228,757	82 785,118	11,452	10,988
66	64	77 392	6 815,236	75 556,362	11,086	10,622
67	65	75 572	6 414,441	68 741,125	10,717	10,252
68	66	73 621	6 022,946	62 326,684	10,348	9,884
69	67	71 613	5 646,910	56 303,738	9,971	9,506
70	68	69 455	5 278,817	50 656,828	9,596	9,132
71	69	67 205	4 923,214	45 378,011	9,217	8,753
72	70	64 834	4 577,802	40 454,797	8,837	8,373
73	71	62 369	4 244,610	35 876,995	8,452	7,988
74	72	59 793	3 922,193	31 632,385	8,065	7,601
75	73	57 109	3 610,750	27 710,192	7,674	7,210
76	74	54 311	3 309,750	24 099,442	7,281	6,817
77	75	51 373	3 017,514	20 789,692	6,890	6,425
78	76	48 314	2 735,291	17 772,178	6,497	6,033
79	77	45 074	2 459,628	15 036,887	6,113	5,649
80	78	41 673	2 191,852	12 577,259	5,738	5,274
81	79	38 130	1 932,972	10 385,407	5,373	4,908
82	80	34 421	1 681,889	8 452,435	5,026	4,561
83	81	30 624	1 442,278	6 770,546	4,694	4,230
84	82	26 792	1 216,201	5 328,268	4,381	3,917
85	83	23 018	1 007,113	4 112,068	4,083	3,619
86	84	19 350	816,027	3 104,955	3,805	3,341
87	85	15 883	645,606	2 288,928	3,545	3,081
88	86	12 707	497,853	1 643,322	3,301	2,836
89	87	9 869	372,694	1 145,468	3,073	2,609
90	88	7 430	270,425	772,774	2,858	2,393
91	89	5 396	189,294	502,349	2,654	2,189
92	90	3 740	126,471	313,055	2,475	2,011
93	91	2 472	80,576	186,584	2,316	1,851
94	92	1 557	48,900	106,007	2,168	1,703
95	93	919	27,819	57,107	2,053	1,588
96	94	519	15,141	29,288	1,934	1,470
97	95	273	7,673	14,147	1,844	1,379
98	96	136	3,676	6,474	1,761	1,297
99	97	63	1,653	2,798	1,693	1,228
100	98	28	0,709	1,145	1,616	1,152

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	89 188,040	2 260 717,326	25,348	24,883
4	1	99 285	85 689,959	2 171 529,286	25,342	24,877
5	2	99 250	82 564,071	2 085 839,327	25,263	24,799
6	3	99 229	79 562,853	2 003 275,256	25,179	24,714
7	4	99 207	76 669,999	1 923 712,403	25,091	24,626
8	5	99 190	73 885,853	1 847 042,404	24,999	24,534
9	6	99 174	71 204,138	1 773 156,551	24,902	24,438
10	7	99 160	68 620,458	1 701 952,413	24,802	24,338
11	8	99 147	66 131,854	1 633 331,954	24,698	24,234
12	9	99 132	63 731,908	1 567 200,100	24,591	24,126
13	10	99 118	61 419,557	1 503 468,192	24,479	24,014
14	11	99 103	59 190,404	1 442 048,635	24,363	23,898
15	12	99 083	57 039,853	1 382 858,231	24,244	23,779
16	13	99 060	54 965,559	1 325 818,378	24,121	23,656
17	14	99 026	52 960,667	1 270 852,819	23,996	23,532
18	15	98 987	51 026,103	1 217 892,152	23,868	23,404
19	16	98 937	49 156,782	1 166 866,049	23,738	23,273
20	17	98 881	47 353,564	1 117 709,267	23,603	23,139
21	18	98 822	45 614,737	1 070 355,703	23,465	23,001
22	19	98 758	43 937,401	1 024 740,966	23,323	22,858
23	20	98 694	42 322,031	980 803,565	23,175	22,710
24	21	98 631	40 766,037	938 481,534	23,021	22,557
25	22	98 567	39 267,069	897 715,497	22,862	22,397
26	23	98 502	37 823,021	858 448,428	22,696	22,232
27	24	98 434	36 430,744	820 625,407	22,526	22,061
28	25	98 366	35 089,489	784 194,663	22,348	21,884
29	26	98 297	33 797,471	749 105,173	22,165	21,700
30	27	98 221	32 550,888	715 307,702	21,975	21,511
31	28	98 143	31 349,425	682 756,815	21,779	21,315
32	29	98 051	30 187,984	651 407,389	21,578	21,114
33	30	97 957	29 068,944	621 219,405	21,371	20,906
34	31	97 859	27 990,051	592 150,461	21,156	20,691
35	32	97 749	26 948,033	564 160,410	20,935	20,471
36	33	97 628	25 941,943	537 212,377	20,708	20,244
37	34	97 507	24 973,202	511 270,434	20,473	20,008
38	35	97 377	24 038,597	486 297,232	20,230	19,765
39	36	97 236	23 136,100	462 258,634	19,980	19,516
40	37	97 084	22 265,074	439 122,534	19,722	19,258
41	38	96 918	21 423,479	416 857,461	19,458	18,994
42	39	96 732	20 609,709	395 433,982	19,187	18,722
43	40	96 531	19 823,364	374 824,273	18,908	18,444
44	41	96 307	19 062,620	355 000,909	18,623	18,158
45	42	96 061	18 326,628	335 938,288	18,331	17,866
46	43	95 785	17 613,481	317 611,661	18,032	17,568
47	44	95 490	16 924,514	299 998,180	17,726	17,261
48	45	95 155	16 255,637	283 073,666	17,414	16,949
49	46	94 785	15 607,077	266 818,030	17,096	16,632
50	47	94 367	14 976,587	251 210,952	16,774	16,309
51	48	93 900	14 363,865	236 234,365	16,446	15,982
52	49	93 388	13 769,175	221 870,500	16,114	15,649
53	50	92 806	13 188,829	208 101,326	15,779	15,314
54	51	92 161	12 623,811	194 912,497	15,440	14,976
55	52	91 445	12 072,979	182 288,686	15,099	14,634
56	53	90 660	11 536,666	170 215,707	14,754	14,290
57	54	89 794	11 013,542	158 679,041	14,408	13,943
58	55	88 849	10 503,709	147 665,499	14,058	13,594
59	56	87 807	10 005,344	137 161,790	13,709	13,244
60	57	86 680	9 519,920	127 156,446	13,357	12,892
61	58	85 467	9 047,427	117 636,527	13,002	12,538
62	59	84 155	8 586,550	108 589,100	12,646	12,182
63	60	82 733	8 136,341	100 002,550	12,291	11,826
64	61	81 212	7 698,048	91 866,209	11,934	11,469
65	62	79 604	7 272,952	84 168,161	11,573	11,108
66	63	77 905	6 860,408	76 895,209	11,209	10,744
67	64	76 127	6 461,529	70 034,801	10,839	10,374
68	65	74 215	6 071,593	63 573,272	10,471	10,006
69	66	72 244	5 696,673	57 501,679	10,094	9,629
70	67	70 135	5 330,493	51 805,007	9,719	9,254
71	68	67 899	4 974,023	46 474,514	9,343	8,879
72	69	65 566	4 629,524	41 500,491	8,964	8,500
73	70	63 138	4 296,962	36 870,967	8,581	8,116
74	71	60 604	3 975,425	32 574,005	8,194	7,729
75	72	57 944	3 663,539	28 598,580	7,806	7,342
76	73	55 166	3 361,800	24 935,041	7,417	6,953
77	74	52 267	3 070,038	21 573,241	7,027	6,563
78	75	49 253	2 788,460	18 503,203	6,636	6,171
79	76	46 080	2 514,510	15 714,743	6,250	5,785
80	77	42 718	2 246,790	13 200,233	5,875	5,411
81	78	39 232	1 988,860	10 953,443	5,507	5,043
82	79	35 593	1 739,147	8 964,583	5,155	4,690
83	80	31 847	1 499,886	7 225,436	4,817	4,353
84	81	28 027	1 272,260	5 725,551	4,500	4,036
85	82	24 238	1 060,500	4 453,291	4,199	3,735
86	83	20 543	866,346	3 392,791	3,916	3,452
87	84	17 028	692,132	2 526,445	3,650	3,186
88	85	13 771	539,515	1 834,313	3,400	2,936
89	86	10 833	409,063	1 294,798	3,165	2,701
90	87	8 266	300,870	885,734	2,944	2,479
91	88	6 096	213,849	584,865	2,735	2,271
92	89	4 304	145,523	371,015	2,550	2,085
93	90	2 902	94,566	225,492	2,384	1,920
94	91	1 869	58,727	130,926	2,229	1,765
95	92	1 131	34,242	72,199	2,109	1,644
96	93	656	19,147	37,957	1,982	1,518
97	94	357	10,032	18,811	1,875	1,411
98	95	181	4,896	8,779	1,793	1,329
99	96	87	2,262	3,883	1,716	1,252
100	97	39	0,980	1,621	1,654	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	85 953,308	2 173 903,394	25,292	24,827
5	1	99 273	82 583,153	2 087 950,086	25,283	24,819
6	2	99 241	79 572,328	2 005 366,933	25,202	24,737
7	3	99 219	76 679,134	1 925 794,605	25,115	24,651
8	4	99 199	73 892,572	1 849 115,470	25,024	24,560
9	5	99 182	71 209,479	1 775 222,898	24,930	24,465
10	6	99 166	68 624,976	1 704 013,420	24,831	24,366
11	7	99 152	66 135,114	1 635 388,444	24,728	24,264
12	8	99 138	63 735,854	1 569 253,329	24,621	24,157
13	9	99 124	61 423,532	1 505 517,475	24,510	24,046
14	10	99 108	59 193,912	1 444 093,944	24,396	23,932
15	11	99 091	57 044,102	1 384 900,032	24,278	23,813
16	12	99 068	54 969,908	1 327 855,931	24,156	23,692
17	13	99 035	52 965,207	1 272 886,023	24,032	23,568
18	14	98 997	51 031,458	1 219 920,816	23,905	23,441
19	15	98 949	49 162,932	1 168 889,358	23,776	23,311
20	16	98 895	47 360,247	1 119 726,425	23,643	23,178
21	17	98 837	45 621,417	1 072 366,178	23,506	23,041
22	18	98 778	43 946,350	1 026 744,761	23,364	22,899
23	19	98 714	42 330,202	982 798,411	23,217	22,753
24	20	98 649	40 773,587	940 468,210	23,066	22,601
25	21	98 583	39 273,571	899 694,623	22,908	22,444
26	22	98 519	37 829,568	860 421,052	22,745	22,280
27	23	98 456	36 438,651	822 591,484	22,575	22,110
28	24	98 382	35 095,441	786 152,833	22,400	21,936
29	25	98 315	33 803,774	751 057,393	22,218	21,754
30	26	98 240	32 557,223	717 253,619	22,031	21,566
31	27	98 165	31 356,274	684 696,396	21,836	21,372
32	28	98 076	30 195,514	653 340,122	21,637	21,173
33	29	97 983	29 076,469	623 144,607	21,431	20,967
34	30	97 888	27 998,365	594 068,139	21,218	20,754
35	31	97 780	26 956,638	566 069,774	20,999	20,535
36	32	97 662	25 950,950	539 113,136	20,774	20,310
37	33	97 541	24 982,097	513 162,187	20,541	20,077
38	34	97 415	24 048,003	488 180,090	20,300	19,836
39	35	97 275	23 145,416	464 132,087	20,053	19,588
40	36	97 130	22 275,518	440 986,672	19,797	19,332
41	37	96 962	21 433,343	418 711,154	19,536	19,071
42	38	96 789	20 621,786	397 277,811	19,265	18,801
43	39	96 588	19 835,180	376 656,025	18,989	18,525
44	40	96 373	19 075,567	356 820,845	18,706	18,241
45	41	96 134	18 340,619	337 745,278	18,415	17,951
46	42	95 865	17 628,109	319 404,659	18,119	17,655
47	43	95 576	16 939,758	301 776,550	17,815	17,350
48	44	95 252	16 272,235	284 836,792	17,504	17,040
49	45	94 890	15 624,451	268 564,557	17,189	16,724
50	46	94 487	14 995,628	252 940,106	16,868	16,403
51	47	94 035	14 384,485	237 944,478	16,542	16,077
52	48	93 537	13 791,235	223 559,993	16,210	15,746
53	49	92 974	13 212,763	209 768,758	15,876	15,412
54	50	92 343	12 648,737	196 555,995	15,540	15,075
55	51	91 647	12 099,705	183 907,258	15,199	14,735
56	52	90 883	11 565,061	171 807,553	14,856	14,391
57	53	90 040	11 043,726	160 242,491	14,510	14,045
58	54	89 117	10 535,417	149 198,766	14,162	13,697
59	55	88 099	10 038,605	138 663,348	13,813	13,349
60	56	86 995	9 554,496	128 624,743	13,462	12,998
61	57	85 810	9 083,691	119 070,247	13,108	12,644
62	58	84 528	8 624,590	109 986,556	12,753	12,288
63	59	83 135	8 175,830	101 361,966	12,398	11,933
64	60	81 652	7 739,773	93 186,136	12,040	11,575
65	61	80 052	7 313,874	85 446,362	11,683	11,218
66	62	78 381	6 902,351	78 132,488	11,320	10,855
67	63	76 632	6 504,356	71 230,138	10,951	10,487
68	64	74 760	6 116,163	64 725,781	10,583	10,118
69	65	72 827	5 742,684	58 609,618	10,206	9,742
70	66	70 753	5 377,467	52 866,934	9,831	9,367
71	67	68 564	5 022,715	47 489,467	9,455	8,991
72	68	66 243	4 677,302	42 466,752	9,079	8,615
73	69	63 852	4 345,511	37 789,450	8,696	8,232
74	70	61 352	4 024,457	33 443,939	8,310	7,846
75	71	58 730	3 713,261	29 419,482	7,923	7,458
76	72	55 972	3 410,950	25 706,221	7,536	7,072
77	73	53 089	3 118,318	22 295,271	7,150	6,685
78	74	50 111	2 836,996	19 176,953	6,760	6,295
79	75	46 976	2 563,387	16 339,957	6,374	5,910
80	76	43 671	2 296,923	13 776,570	5,998	5,533
81	77	40 215	2 038,710	11 479,647	5,631	5,166
82	78	36 622	1 789,430	9 440,937	5,276	4,812
83	79	32 931	1 550,948	7 651,506	4,933	4,469
84	80	29 146	1 323,077	6 100,559	4,611	4,146
85	81	25 355	1 109,382	4 777,482	4,306	3,842
86	82	21 632	912,271	3 668,099	4,021	3,556
87	83	18 078	734,811	2 755,828	3,750	3,286
88	84	14 763	578,396	2 021,017	3,494	3,030
89	85	11 739	443,295	1 442,622	3,254	2,790
90	86	9 073	330,230	999,327	3,026	2,562
91	87	6 782	237,925	669,097	2,812	2,348
92	88	4 862	164,400	431,172	2,623	2,158
93	89	3 339	108,812	266,772	2,452	1,987
94	90	2 194	68,923	157,960	2,292	1,827
95	91	1 358	41,123	89,037	2,165	1,701
96	92	808	23,567	47,914	2,033	1,569
97	93	451	12,686	24,347	1,919	1,455
98	94	236	6,401	11,661	1,822	1,357
99	95	115	3,012	5,260	1,746	1,282
100	96	53	1,342	2,248	1,675	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	82 836,953	2 090 144,013	25,232	24,768
6	1	99 264	79 590,718	2 007 307,059	25,220	24,756
7	2	99 231	76 688,266	1 927 716,341	25,137	24,673
8	3	99 210	73 901,377	1 851 028,074	25,047	24,583
9	4	99 191	71 215,954	1 777 126,698	24,954	24,490
10	5	99 174	68 630,123	1 705 910,744	24,857	24,392
11	6	99 158	66 139,468	1 637 280,621	24,755	24,291
12	7	99 143	63 738,996	1 571 141,153	24,650	24,185
13	8	99 130	61 427,335	1 507 402,157	24,540	24,075
14	9	99 115	59 197,742	1 445 974,822	24,426	23,962
15	10	99 096	57 047,482	1 386 777,080	24,309	23,845
16	11	99 076	54 974,003	1 329 729,598	24,188	23,724
17	12	99 043	52 969,397	1 274 755,595	24,066	23,601
18	13	99 006	51 035,833	1 221 786,198	23,940	23,475
19	14	98 959	49 168,092	1 170 750,365	23,811	23,347
20	15	98 908	47 366,173	1 121 582,273	23,679	23,215
21	16	98 851	45 627,855	1 074 216,101	23,543	23,079
22	17	98 793	43 952,786	1 028 588,246	23,402	22,938
23	18	98 734	42 338,824	984 635,460	23,256	22,792
24	19	98 668	40 781,458	942 296,636	23,106	22,642
25	20	98 601	39 280,845	901 515,178	22,951	22,486
26	21	98 536	37 835,832	862 234,333	22,789	22,324
27	22	98 473	36 444,957	824 398,501	22,620	22,156
28	23	98 404	35 103,057	787 953,544	22,447	21,982
29	24	98 332	33 809,507	752 850,486	22,267	21,803
30	25	98 259	32 563,294	719 040,980	22,081	21,617
31	26	98 184	31 362,377	686 477,685	21,889	21,424
32	27	98 097	30 202,111	655 115,309	21,691	21,227
33	28	98 007	29 083,722	624 913,197	21,487	21,022
34	29	97 913	28 005,612	595 829,475	21,275	20,811
35	30	97 809	26 964,644	567 823,863	21,058	20,594
36	31	97 693	25 959,236	540 859,219	20,835	20,371
37	32	97 575	24 990,770	514 899,983	20,604	20,139
38	33	97 450	24 056,568	489 909,213	20,365	19,900
39	34	97 313	23 154,472	465 852,646	20,119	19,655
40	35	97 169	22 284,487	442 698,174	19,866	19,401
41	36	97 008	21 443,397	420 413,687	19,606	19,141
42	37	96 834	20 631,281	398 970,291	19,338	18,874
43	38	96 645	19 846,804	378 339,010	19,063	18,599
44	39	96 430	19 086,937	358 492,206	18,782	18,318
45	40	96 200	18 353,075	339 405,269	18,493	18,029
46	41	95 938	17 641,567	321 052,193	18,199	17,734
47	42	95 655	16 953,827	303 410,626	17,896	17,432
48	43	95 338	16 286,892	286 456,800	17,588	17,124
49	44	94 987	15 640,405	270 169,908	17,274	16,809
50	45	94 592	15 012,321	254 529,503	16,955	16,490
51	46	94 154	14 402,773	239 517,182	16,630	16,166
52	47	93 672	13 811,033	225 114,409	16,300	15,835
53	48	93 123	13 233,932	211 303,375	15,967	15,502
54	49	92 511	12 671,692	198 069,444	15,631	15,166
55	50	91 828	12 123,596	185 397,752	15,292	14,828
56	51	91 084	11 590,662	173 274,156	14,949	14,485
57	52	90 262	11 070,908	161 683,493	14,604	14,140
58	53	89 362	10 564,291	150 612,585	14,257	13,792
59	54	88 365	10 068,909	140 048,294	13,909	13,445
60	55	87 284	9 586,259	129 979,385	13,559	13,095
61	56	86 121	9 116,684	120 393,126	13,206	12,741
62	57	84 867	8 659,159	111 276,442	12,851	12,386
63	58	83 503	8 212,050	102 617,283	12,496	12,032
64	59	82 048	7 777,338	94 405,233	12,139	11,674
65	60	80 486	7 353,517	86 627,895	11,780	11,316
66	61	78 822	6 941,188	79 274,378	11,421	10,956
67	62	77 100	6 544,122	72 333,191	11,053	10,589
68	63	75 256	6 156,702	65 789,068	10,686	10,221
69	64	73 362	5 784,840	59 632,367	10,308	9,844
70	65	71 325	5 420,900	53 847,526	9,933	9,469
71	66	69 168	5 066,977	48 426,626	9,557	9,093
72	67	66 891	4 723,090	43 359,649	9,180	8,716
73	68	64 511	4 390,358	38 636,560	8,800	8,336
74	69	62 045	4 069,927	34 246,202	8,414	7,950
75	70	59 455	3 759,059	30 176,275	8,028	7,563
76	71	56 732	3 457,243	26 417,215	7,641	7,177
77	72	53 865	3 163,908	22 959,972	7,257	6,792
78	73	50 899	2 881,611	19 796,064	6,870	6,405
79	74	47 794	2 608,006	16 914,453	6,486	6,021
80	75	44 520	2 341,571	14 306,447	6,110	5,645
81	76	41 113	2 084,200	11 964,876	5,741	5,276
82	77	37 540	1 834,282	9 880,676	5,387	4,922
83	78	33 884	1 595,790	8 046,394	5,042	4,578
84	79	30 139	1 368,120	6 450,604	4,715	4,251
85	80	26 368	1 153,694	5 082,484	4,405	3,941
86	81	22 629	954,321	3 928,791	4,117	3,652
87	82	19 036	773,763	2 974,470	3,844	3,380
88	83	15 673	614,062	2 200,706	3,584	3,119
89	84	12 585	475,241	1 586,645	3,339	2,874
90	85	9 832	357,865	1 111,403	3,106	2,641
91	86	7 444	261,143	753,539	2,886	2,421
92	87	5 409	182,909	492,396	2,692	2,228
93	88	3 772	122,927	309,487	2,518	2,053
94	89	2 525	79,306	186,561	2,352	1,888
95	90	1 594	48,263	107,255	2,222	1,758
96	91	970	28,303	58,992	2,084	1,620
97	92	555	15,614	30,689	1,965	1,501
98	93	299	8,094	15,075	1,862	1,398
99	94	151	3,939	6,981	1,772	1,308
100	95	71	1,786	3,042	1,703	1,238

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	79 835,323	2 009 333,459	25,168	24,704
7	1	99 254	76 705,990	1 929 498,136	25,154	24,690
8	2	99 222	73 910,178	1 852 792,147	25,068	24,604
9	3	99 202	71 224,440	1 778 881,969	24,976	24,511
10	4	99 183	68 636,364	1 707 657,529	24,880	24,415
11	5	99 166	66 144,429	1 639 021,165	24,779	24,315
12	6	99 150	63 743,192	1 572 876,737	24,675	24,211
13	7	99 135	61 430,363	1 509 133,545	24,567	24,102
14	8	99 121	59 201,407	1 447 703,182	24,454	23,989
15	9	99 103	57 051,173	1 388 501,774	24,338	23,873
16	10	99 082	54 977,260	1 331 450,601	24,218	23,754
17	11	99 050	52 973,343	1 276 473,341	24,097	23,632
18	12	99 014	51 039,871	1 223 499,998	23,971	23,507
19	13	98 968	49 172,307	1 172 460,127	23,844	23,379
20	14	98 918	47 371,144	1 123 287,820	23,712	23,248
21	15	98 863	45 633,564	1 075 916,676	23,577	23,113
22	16	98 807	43 958,988	1 030 283,112	23,437	22,973
23	17	98 748	42 345,024	986 324,124	23,293	22,828
24	18	98 688	40 789,765	943 979,100	23,143	22,678
25	19	98 621	39 288,429	903 189,335	22,989	22,524
26	20	98 554	37 842,839	863 900,907	22,829	22,364
27	21	98 489	36 450,992	826 058,068	22,662	22,198
28	22	98 421	35 109,133	789 607,075	22,490	22,026
29	23	98 353	33 816,845	754 497,943	22,311	21,847
30	24	98 275	32 568,817	720 681,098	22,128	21,664
31	25	98 202	31 368,226	688 112,281	21,937	21,472
32	26	98 116	30 207,989	656 744,055	21,741	21,276
33	27	98 028	29 090,076	626 536,066	21,538	21,073
34	28	97 937	28 012,598	597 445,990	21,328	20,863
35	29	97 834	26 971,624	569 433,392	21,112	20,648
36	30	97 722	25 966,946	542 461,768	20,890	20,426
37	31	97 606	24 998,749	516 494,822	20,661	20,196
38	32	97 484	24 064,920	491 496,073	20,424	19,959
39	33	97 348	23 162,719	467 431,153	20,180	19,716
40	34	97 207	22 293,206	444 268,434	19,928	19,464
41	35	97 047	21 452,031	421 975,228	19,671	19,206
42	36	96 879	20 640,958	400 523,198	19,404	18,940
43	37	96 689	19 855,942	379 882,239	19,132	18,667
44	38	96 487	19 098,122	360 026,297	18,851	18,387
45	39	96 257	18 364,015	340 928,175	18,565	18,101
46	40	96 003	17 653,548	322 564,160	18,272	17,807
47	41	95 728	16 966,770	304 910,612	17,971	17,507
48	42	95 417	16 300,418	287 943,842	17,665	17,200
49	43	95 073	15 654,493	271 643,424	17,352	16,888
50	44	94 688	15 027,650	255 988,931	17,035	16,570
51	45	94 259	14 418,806	240 961,281	16,712	16,247
52	46	93 791	13 828,592	226 542,475	16,382	15,918
53	47	93 257	13 252,930	212 713,883	16,050	15,586
54	48	92 659	12 691,993	199 460,953	15,715	15,251
55	49	91 995	12 145,598	186 768,959	15,378	14,913
56	50	91 264	11 613,549	174 623,362	15,036	14,572
57	51	90 462	11 095,415	163 009,813	14,692	14,227
58	52	89 581	10 590,293	151 914,398	14,345	13,880
59	53	88 607	10 096,504	141 324,104	13,997	13,533
60	54	87 548	9 615,197	131 227,600	13,648	13,184
61	55	86 408	9 146,991	121 612,402	13,295	12,831
62	56	85 175	8 690,610	112 465,411	12,941	12,477
63	57	83 838	8 244,966	103 774,802	12,586	12,122
64	58	82 412	7 811,792	95 529,836	12,229	11,765
65	59	80 877	7 389,207	87 718,043	11,871	11,407
66	60	79 249	6 978,810	80 328,836	11,510	11,046
67	61	77 534	6 580,944	73 350,026	11,146	10,681
68	62	75 716	6 194,342	66 769,082	10,779	10,315
69	63	73 848	5 823,182	60 574,740	10,402	9,938
70	64	71 848	5 460,694	54 751,558	10,026	9,562
71	65	69 727	5 107,902	49 290,863	9,650	9,185
72	66	67 481	4 764,711	44 182,961	9,273	8,809
73	67	65 142	4 433,336	39 418,250	8,891	8,427
74	68	62 685	4 111,930	34 984,913	8,508	8,044
75	69	60 127	3 801,531	30 872,984	8,121	7,657
76	70	57 431	3 499,884	27 071,453	7,735	7,271
77	71	54 596	3 206,849	23 571,569	7,350	6,886
78	72	51 643	2 923,740	20 364,720	6,965	6,501
79	73	48 545	2 649,020	17 440,980	6,584	6,120
80	74	45 295	2 382,329	14 791,959	6,209	5,745
81	75	41 912	2 124,713	12 409,630	5,841	5,376
82	76	38 377	1 875,211	10 284,917	5,485	5,020
83	77	34 733	1 635,788	8 409,707	5,141	4,677
84	78	31 010	1 407,676	6 773,919	4,812	4,348
85	79	27 266	1 192,970	5 366,243	4,498	4,034
86	80	23 533	992,438	4 173,273	4,205	3,741
87	81	19 913	809,429	3 180,835	3,930	3,465
88	82	16 504	646,613	2 371,406	3,667	3,203
89	83	13 361	504,546	1 724,793	3,419	2,954
90	84	10 541	383,654	1 220,246	3,181	2,716
91	85	8 067	282,996	836,592	2,956	2,492
92	86	5 937	200,758	553,596	2,758	2,293
93	87	4 196	136,766	352,839	2,580	2,115
94	88	2 852	89,593	216,072	2,412	1,947
95	89	1 834	55,533	126,479	2,278	1,813
96	90	1 138	33,217	70,946	2,136	1,671
97	91	667	18,752	37,729	2,012	1,548
98	92	367	9,963	18,977	1,905	1,440
99	93	191	4,981	9,014	1,810	1,345
100	94	93	2,336	4,033	1,727	1,262

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	76 941,729	1 931 369,178	25,102	24,637
8	1	99 245	73 927,259	1 854 427,449	25,084	24,620
9	2	99 214	71 232,922	1 780 500,190	24,995	24,531
10	3	99 194	68 644,542	1 709 267,268	24,900	24,436
11	4	99 175	66 150,444	1 640 622,726	24,801	24,337
12	5	99 157	63 747,973	1 574 472,282	24,698	24,234
13	6	99 142	61 434,407	1 510 724,310	24,591	24,126
14	7	99 126	59 204,326	1 449 289,903	24,479	24,015
15	8	99 109	57 054,706	1 390 085,577	24,364	23,900
16	9	99 088	54 980,818	1 333 030,871	24,245	23,781
17	10	99 056	52 976,482	1 278 050,053	24,125	23,660
18	11	99 021	51 043,673	1 225 073,571	24,000	23,536
19	12	98 976	49 176,198	1 174 029,898	23,874	23,410
20	13	98 927	47 375,204	1 124 853,700	23,744	23,279
21	14	98 874	45 638,353	1 077 478,496	23,609	23,145
22	15	98 819	43 964,488	1 031 840,143	23,470	23,005
23	16	98 762	42 351,000	987 875,655	23,326	22,861
24	17	98 703	40 795,738	945 524,655	23,177	22,713
25	18	98 641	39 296,431	904 728,917	23,023	22,559
26	19	98 573	37 850,145	865 432,486	22,865	22,400
27	20	98 507	36 457,743	827 582,341	22,700	22,235
28	21	98 437	35 114,946	791 124,598	22,530	22,065
29	22	98 370	33 822,698	756 009,651	22,352	21,888
30	23	98 297	32 575,885	722 186,954	22,169	21,705
31	24	98 219	31 373,546	689 611,068	21,981	21,516
32	25	98 135	30 213,623	658 237,523	21,786	21,322
33	26	98 048	29 095,737	628 023,900	21,585	21,120
34	27	97 959	28 018,718	598 928,163	21,376	20,912
35	28	97 859	26 978,352	570 909,444	21,162	20,697
36	29	97 747	25 973,667	543 931,092	20,942	20,477
37	30	97 635	25 006,175	517 957,425	20,713	20,249
38	31	97 515	24 072,603	492 951,250	20,478	20,013
39	32	97 381	23 170,760	468 878,647	20,236	19,771
40	33	97 241	22 301,146	445 707,887	19,986	19,521
41	34	97 085	21 460,424	423 406,740	19,730	19,265
42	35	96 918	20 649,269	401 946,316	19,465	19,001
43	36	96 735	19 865,256	381 297,047	19,194	18,730
44	37	96 531	19 106,916	361 431,791	18,916	18,452
45	38	96 313	18 374,776	342 324,876	18,630	18,166
46	39	96 060	17 664,071	323 950,100	18,339	17,875
47	40	95 793	16 978,293	306 286,029	18,040	17,575
48	41	95 490	16 312,863	289 307,735	17,735	17,271
49	42	95 152	15 667,494	272 994,873	17,424	16,960
50	43	94 774	15 041,186	257 327,379	17,108	16,644
51	44	94 355	14 433,529	242 286,193	16,786	16,322
52	45	93 895	13 843,986	227 852,664	16,459	15,994
53	46	93 376	13 269,779	214 008,678	16,128	15,663
54	47	92 792	12 710,214	200 738,899	15,794	15,329
55	48	92 142	12 165,057	188 028,685	15,456	14,992
56	49	91 429	11 634,624	175 863,628	15,116	14,651
57	50	90 640	11 117,324	164 229,004	14,772	14,308
58	51	89 780	10 613,737	153 111,680	14,426	13,961
59	52	88 825	10 121,355	142 497,943	14,079	13,615
60	53	87 788	9 641,549	132 376,588	13,730	13,265
61	54	86 669	9 174,603	122 735,039	13,378	12,913
62	55	85 458	8 719,501	113 560,436	13,024	12,559
63	56	84 142	8 274,912	104 840,935	12,670	12,205
64	57	82 742	7 843,104	96 566,023	12,312	11,848
65	58	81 235	7 421,942	88 722,918	11,954	11,490
66	59	79 634	7 012,682	81 300,977	11,593	11,129
67	60	77 954	6 616,614	74 288,295	11,228	10,763
68	61	76 142	6 229,195	67 671,681	10,864	10,399
69	62	74 300	5 858,784	61 442,486	10,487	10,023
70	63	72 324	5 496,888	55 583,702	10,112	9,647
71	64	70 238	5 145,399	50 086,814	9,734	9,270
72	65	68 026	4 803,195	44 941,415	9,357	8,892
73	66	65 716	4 472,405	40 138,220	8,975	8,510
74	67	63 299	4 152,183	35 665,815	8,590	8,125
75	68	60 747	3 840,763	31 513,632	8,205	7,741
76	69	58 080	3 539,427	27 672,869	7,818	7,354
77	70	55 270	3 246,401	24 133,442	7,434	6,969
78	71	52 344	2 963,422	20 887,040	7,048	6,584
79	72	49 255	2 687,749	17 923,619	6,669	6,204
80	73	46 007	2 419,794	15 235,870	6,296	5,832
81	74	42 641	2 161,696	12 816,076	5,929	5,464
82	75	39 123	1 911,661	10 654,380	5,573	5,109
83	76	35 508	1 672,288	8 742,718	5,228	4,764
84	77	31 787	1 442,959	7 070,431	4,900	4,436
85	78	28 054	1 227,462	5 627,472	4,585	4,120
86	79	24 334	1 026,225	4 400,010	4,288	3,823
87	80	20 709	841,759	3 373,785	4,008	3,544
88	81	17 265	676,418	2 532,026	3,743	3,279
89	82	14 069	531,292	1 855,608	3,493	3,028
90	83	11 191	407,312	1 324,316	3,251	2,787
91	84	8 648	303,390	917,004	3,023	2,558
92	85	6 434	217,558	613,614	2,820	2,356
93	86	4 606	150,112	396,056	2,638	2,174
94	87	3 173	99,680	245,944	2,467	2,003
95	88	2 072	62,737	146,264	2,331	1,867
96	89	1 310	38,221	83,527	2,185	1,721
97	90	782	22,008	45,306	2,059	1,594
98	91	441	11,965	23,298	1,947	1,483
99	92	235	6,130	11,333	1,849	1,384
100	93	117	2,954	5,203	1,761	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7						
8	0	99 550	74 154,458	1 856 154,749	25,031	24,567
9	1	99 237	71 249,385	1 782 000,291	25,011	24,546
10	2	99 206	68 652,717	1 710 750,906	24,919	24,454
11	3	99 187	66 158,326	1 642 098,189	24,821	24,356
12	4	99 166	63 753,770	1 575 939,863	24,719	24,255
13	5	99 149	61 439,014	1 512 186,093	24,613	24,148
14	6	99 132	59 208,223	1 450 747,079	24,502	24,038
15	7	99 114	57 057,518	1 391 538,856	24,388	23,924
16	8	99 094	54 984,222	1 334 481,337	24,270	23,806
17	9	99 062	52 979,910	1 279 497,115	24,151	23,686
18	10	99 027	51 046,698	1 226 517,205	24,027	23,563
19	11	98 983	49 179,861	1 175 470,507	23,901	23,437
20	12	98 934	47 378,953	1 126 290,647	23,772	23,308
21	13	98 882	45 642,266	1 078 911,694	23,638	23,174
22	14	98 829	43 969,102	1 033 269,428	23,500	23,035
23	15	98 774	42 356,298	989 300,326	23,357	22,892
24	16	98 717	40 801,495	946 944,027	23,209	22,744
25	17	98 655	39 302,186	906 142,532	23,056	22,591
26	18	98 593	37 857,854	866 840,346	22,897	22,433
27	19	98 526	36 464,781	828 982,492	22,734	22,269
28	20	98 455	35 121,450	792 517,711	22,565	22,101
29	21	98 386	33 828,298	757 396,261	22,389	21,925
30	22	98 314	32 581,524	723 567,963	22,208	21,743
31	23	98 240	31 380,355	690 986,439	22,020	21,555
32	24	98 151	30 218,747	659 606,084	21,828	21,363
33	25	98 066	29 101,164	629 387,338	21,628	21,163
34	26	97 978	28 024,171	600 286,174	21,420	20,956
35	27	97 880	26 984,246	572 262,003	21,207	20,743
36	28	97 772	25 980,147	545 277,756	20,988	20,524
37	29	97 661	25 012,647	519 297,610	20,761	20,297
38	30	97 544	24 079,754	494 284,962	20,527	20,063
39	31	97 413	23 178,158	470 205,209	20,287	19,822
40	32	97 275	22 308,888	447 027,050	20,038	19,574
41	33	97 119	21 468,068	424 718,162	19,784	19,319
42	34	96 956	20 657,349	403 250,094	19,521	19,056
43	35	96 774	19 873,254	382 592,745	19,252	18,787
44	36	96 576	19 115,878	362 719,491	18,975	18,510
45	37	96 358	18 383,236	343 603,613	18,691	18,227
46	38	96 117	17 674,422	325 220,377	18,401	17,936
47	39	95 850	16 988,413	307 545,954	18,103	17,639
48	40	95 555	16 323,942	290 557,541	17,799	17,335
49	41	95 224	15 679,455	274 233,599	17,490	17,026
50	42	94 852	15 053,677	258 554,144	17,175	16,711
51	43	94 440	14 446,530	243 500,467	16,855	16,391
52	44	93 991	13 858,122	229 053,937	16,528	16,064
53	45	93 480	13 284,551	215 195,815	16,199	15,735
54	46	92 910	12 726,373	201 911,264	15,866	15,401
55	47	92 275	12 182,521	189 184,891	15,529	15,065
56	48	91 576	11 653,265	177 002,370	15,189	14,725
57	49	90 805	11 137,499	165 349,106	14,846	14,382
58	50	89 957	10 634,694	154 211,607	14,501	14,036
59	51	89 022	10 143,761	143 576,913	14,154	13,690
60	52	88 004	9 665,280	133 433,152	13,805	13,341
61	53	86 906	9 199,748	123 767,872	13,453	12,989
62	54	85 716	8 745,823	114 568,124	13,100	12,635
63	55	84 422	8 302,421	105 822,302	12,746	12,282
64	56	83 043	7 871,591	97 519,880	12,389	11,924
65	57	81 561	7 451,691	89 648,290	12,031	11,566
66	58	79 987	7 043,749	82 196,599	11,669	11,205
67	59	78 332	6 648,727	75 152,850	11,303	10,839
68	60	76 555	6 262,959	68 504,123	10,938	10,474
69	61	74 718	5 891,749	62 241,164	10,564	10,100
70	62	72 766	5 530,495	56 349,415	10,189	9,724
71	63	70 704	5 179,503	50 818,920	9,812	9,347
72	64	68 525	4 838,455	45 639,417	9,433	8,968
73	65	66 247	4 508,528	40 800,962	9,050	8,585
74	66	63 857	4 188,773	36 292,435	8,664	8,200
75	67	61 342	3 878,362	32 103,661	8,278	7,813
76	68	58 680	3 575,955	28 225,300	7,893	7,429
77	69	55 894	3 283,080	24 649,345	7,508	7,044
78	70	52 989	2 999,972	21 366,264	7,122	6,658
79	71	49 923	2 724,227	18 366,292	6,742	6,277
80	72	46 680	2 455,171	15 642,065	6,371	5,907
81	73	43 312	2 195,691	13 186,893	6,006	5,541
82	74	39 804	1 944,936	10 991,202	5,651	5,187
83	75	36 198	1 704,794	9 046,266	5,306	4,842
84	76	32 497	1 475,156	7 341,472	4,977	4,512
85	77	28 757	1 258,228	5 866,317	4,662	4,198
86	78	25 038	1 055,896	4 608,089	4,364	3,900
87	79	21 414	870,416	3 552,193	4,081	3,617
88	80	17 955	703,435	2 681,777	3,812	3,348
89	81	14 718	555,782	1 978,341	3,560	3,095
90	82	11 784	428,903	1 422,560	3,317	2,852
91	83	9 181	322,098	993,656	3,085	2,621
92	84	6 898	233,236	671,558	2,879	2,415
93	85	4 991	162,674	438,322	2,694	2,230
94	86	3 483	109,407	275,648	2,519	2,055
95	87	2 305	69,800	166,241	2,382	1,917
96	88	1 480	43,179	96,441	2,234	1,769
97	89	900	25,323	53,262	2,103	1,639
98	90	518	14,042	27,939	1,990	1,525
99	91	282	7,362	13,896	1,887	1,423
100	92	144	3,636	6,534	1,797	1,333

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	71 468,354	1 783 594,847	24,956	24,492
10	1	99 229	68 668,583	1 712 126,493	24,933	24,469
11	2	99 199	66 166,205	1 643 457,910	24,838	24,374
12	3	99 178	63 761,366	1 577 291,705	24,737	24,273
13	4	99 158	61 444,602	1 513 530,339	24,632	24,168
14	5	99 140	59 212,664	1 452 085,737	24,523	24,059
15	6	99 120	57 061,275	1 392 873,073	24,410	23,946
16	7	99 099	54 986,933	1 335 811,799	24,293	23,829
17	8	99 069	52 983,190	1 280 824,866	24,174	23,710
18	9	99 033	51 050,001	1 227 841,675	24,052	23,587
19	10	98 989	49 182,775	1 176 791,675	23,927	23,462
20	11	98 942	47 382,482	1 127 608,900	23,798	23,334
21	12	98 890	45 645,877	1 080 226,418	23,665	23,201
22	13	98 838	43 972,872	1 034 580,541	23,528	23,063
23	14	98 785	42 360,744	990 607,669	23,385	22,921
24	15	98 729	40 806,600	948 246,926	23,238	22,773
25	16	98 669	39 307,732	907 440,325	23,086	22,621
26	17	98 608	37 863,398	868 132,593	22,928	22,464
27	18	98 546	36 472,209	830 269,195	22,764	22,300
28	19	98 474	35 128,230	793 796,986	22,597	22,133
29	20	98 405	33 834,563	758 668,756	22,423	21,958
30	21	98 330	32 586,919	724 834,193	22,243	21,779
31	22	98 257	31 385,786	692 247,274	22,056	21,592
32	23	98 173	30 225,305	660 861,488	21,865	21,400
33	24	98 082	29 106,099	630 636,183	21,667	21,202
34	25	97 996	28 029,397	601 530,084	21,461	20,996
35	26	97 899	26 989,498	573 500,686	21,249	20,785
36	27	97 793	25 985,823	546 511,189	21,031	20,567
37	28	97 685	25 018,887	520 525,366	20,805	20,341
38	29	97 569	24 085,986	495 506,479	20,572	20,108
39	30	97 442	23 185,043	471 420,492	20,333	19,869
40	31	97 306	22 316,012	448 235,449	20,086	19,621
41	32	97 153	21 475,521	425 919,438	19,833	19,368
42	33	96 991	20 664,706	404 443,917	19,572	19,107
43	34	96 812	19 881,030	383 779,211	19,304	18,839
44	35	96 615	19 123,575	363 898,181	19,029	18,564
45	36	96 403	18 391,859	344 774,606	18,746	18,282
46	37	96 161	17 682,560	326 382,746	18,458	17,993
47	38	95 907	16 998,368	308 700,186	18,161	17,696
48	39	95 612	16 333,672	291 701,818	17,859	17,395
49	40	95 289	15 690,104	275 368,146	17,550	17,086
50	41	94 925	15 065,170	259 678,042	17,237	16,773
51	42	94 519	14 458,528	244 612,872	16,918	16,454
52	43	94 076	13 870,604	230 154,344	16,593	16,129
53	44	93 575	13 298,116	216 283,740	16,264	15,800
54	45	93 013	12 740,540	202 985,624	15,932	15,468
55	46	92 392	12 198,009	190 245,084	15,596	15,132
56	47	91 707	11 669,994	178 047,075	15,257	14,792
57	48	90 950	11 155,343	166 377,081	14,915	14,450
58	49	90 120	10 653,993	155 221,738	14,569	14,105
59	50	89 198	10 163,790	144 567,745	14,224	13,759
60	51	88 198	9 686,676	134 403,955	13,875	13,411
61	52	87 120	9 222,391	124 717,279	13,523	13,059
62	53	85 951	8 769,792	115 494,888	13,170	12,705
63	54	84 677	8 327,484	106 725,096	12,816	12,352
64	55	83 319	7 897,759	98 397,612	12,459	11,995
65	56	81 857	7 478,756	90 499,853	12,101	11,637
66	57	80 307	7 071,982	83 021,097	11,739	11,275
67	58	78 679	6 678,182	75 949,115	11,373	10,908
68	59	76 926	6 293,356	69 270,934	11,007	10,543
69	60	75 123	5 923,684	62 977,578	10,631	10,167
70	61	73 176	5 561,613	57 053,894	10,259	9,794
71	62	71 136	5 211,169	51 492,281	9,881	9,417
72	63	68 979	4 870,524	46 281,112	9,502	9,038
73	64	66 733	4 541,624	41 410,588	9,118	8,654
74	65	64 372	4 222,605	36 868,964	8,731	8,267
75	66	61 882	3 912,539	32 646,358	8,344	7,880
76	67	59 254	3 610,961	28 733,819	7,957	7,493
77	68	56 471	3 316,962	25 122,857	7,574	7,110
78	69	53 588	3 033,867	21 805,895	7,187	6,723
79	70	50 539	2 757,827	18 772,028	6,807	6,342
80	71	47 313	2 488,493	16 014,201	6,435	5,971
81	72	43 945	2 227,792	13 525,707	6,071	5,607
82	73	40 430	1 975,523	11 297,915	5,719	5,255
83	74	36 828	1 734,468	9 322,393	5,375	4,910
84	75	33 128	1 503,830	7 587,925	5,046	4,581
85	76	29 399	1 286,303	6 084,095	4,730	4,265
86	77	25 665	1 082,362	4 797,792	4,433	3,968
87	78	22 033	895,582	3 715,430	4,149	3,684
88	79	18 566	727,383	2 819,848	3,877	3,412
89	80	15 306	577,981	2 092,465	3,620	3,156
90	81	12 327	448,673	1 514,484	3,375	2,911
91	82	9 668	339,173	1 065,811	3,142	2,678
92	83	7 323	247,618	726,639	2,935	2,470
93	84	5 351	174,397	479,020	2,747	2,282
94	85	3 774	118,563	304,623	2,569	2,105
95	86	2 530	76,611	186,060	2,429	1,964
96	87	1 646	48,040	109,449	2,278	1,814
97	88	1 017	28,608	61,409	2,147	1,682
98	89	596	16,158	32,801	2,030	1,566
99	90	331	8,641	16,643	1,926	1,462
100	91	173	4,366	8,002	1,833	1,368

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
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8						
9						
10	0	99 534	68 879,621	1 713 598,645	24,878	24,414
11	1	99 221	66 181,496	1 644 719,024	24,852	24,387
12	2	99 190	63 768,960	1 578 537,527	24,754	24,290
13	3	99 170	61 451,923	1 514 768,568	24,650	24,185
14	4	99 149	59 218,049	1 453 316,645	24,542	24,077
15	5	99 128	57 065,554	1 394 098,596	24,430	23,965
16	6	99 106	54 990,553	1 337 033,042	24,314	23,849
17	7	99 073	52 985,802	1 282 042,489	24,196	23,732
18	8	99 040	51 053,162	1 229 056,687	24,074	23,610
19	9	98 995	49 185,958	1 178 003,525	23,950	23,486
20	10	98 948	47 385,290	1 128 817,567	23,822	23,358
21	11	98 897	45 649,277	1 081 432,278	23,690	23,226
22	12	98 846	43 976,351	1 035 783,001	23,553	23,089
23	13	98 793	42 364,375	991 806,650	23,411	22,947
24	14	98 739	40 810,883	949 442,275	23,264	22,800
25	15	98 681	39 312,650	908 631,392	23,113	22,649
26	16	98 622	37 868,742	869 318,742	22,956	22,492
27	17	98 561	36 477,550	831 450,000	22,793	22,329
28	18	98 494	35 135,385	794 972,450	22,626	22,162
29	19	98 424	33 841,095	759 837,065	22,453	21,989
30	20	98 348	32 592,954	725 995,970	22,275	21,810
31	21	98 273	31 390,983	693 403,016	22,089	21,625
32	22	98 190	30 230,537	662 012,033	21,899	21,434
33	23	98 104	29 112,416	631 781,496	21,701	21,237
34	24	98 013	28 034,151	602 669,080	21,498	21,033
35	25	97 917	26 994,531	574 634,929	21,287	20,823
36	26	97 812	25 990,880	547 640,398	21,070	20,606
37	27	97 706	25 024,353	521 649,518	20,846	20,381
38	28	97 593	24 091,995	496 625,165	20,614	20,149
39	29	97 467	23 191,044	472 533,170	20,376	19,911
40	30	97 335	22 322,640	449 342,126	20,129	19,665
41	31	97 184	21 482,378	427 019,486	19,878	19,413
42	32	97 024	20 671,881	405 537,108	19,618	19,153
43	33	96 846	19 888,111	384 865,228	19,352	18,887
44	34	96 653	19 131,057	364 977,116	19,078	18,613
45	35	96 442	18 399,265	345 846,059	18,797	18,332
46	36	96 206	17 690,854	327 446,794	18,509	18,045
47	37	95 951	17 006,195	309 755,940	18,214	17,750
48	38	95 668	16 343,243	292 749,745	17,913	17,448
49	39	95 346	15 699,456	276 406,501	17,606	17,142
50	40	94 989	15 075,402	260 707,045	17,294	16,829
51	41	94 591	14 469,566	245 631,643	16,976	16,511
52	42	94 154	13 882,124	231 162,077	16,652	16,187
53	43	93 659	13 310,094	217 279,954	16,324	15,860
54	44	93 108	12 753,549	203 969,860	15,993	15,529
55	45	92 495	12 211,588	191 216,311	15,659	15,194
56	46	91 824	11 684,831	179 004,723	15,319	14,855
57	47	91 081	11 171,357	167 319,892	14,978	14,513
58	48	90 265	10 671,062	156 148,535	14,633	14,168
59	49	89 360	10 182,235	145 477,472	14,287	13,823
60	50	88 373	9 705,803	135 295,238	13,940	13,475
61	51	87 313	9 242,807	125 589,435	13,588	13,123
62	52	86 163	8 791,377	116 346,628	13,234	12,770
63	53	84 909	8 350,306	107 555,251	12,880	12,416
64	54	83 570	7 921,600	99 204,945	12,523	12,059
65	55	82 129	7 503,618	91 283,344	12,165	11,701
66	56	80 599	7 097,668	83 779,726	11,804	11,339
67	57	78 995	6 704,950	76 682,059	11,437	10,972
68	58	77 267	6 321,236	69 977,109	11,070	10,606
69	59	75 487	5 952,434	63 655,873	10,694	10,230
70	60	73 573	5 591,758	57 703,439	10,319	9,855
71	61	71 536	5 240,490	52 111,681	9,944	9,480
72	62	69 401	4 900,302	46 871,191	9,565	9,101
73	63	67 176	4 571,726	41 970,889	9,181	8,716
74	64	64 845	4 253,603	37 399,163	8,792	8,328
75	65	62 382	3 944,141	33 145,560	8,404	7,939
76	66	59 776	3 642,782	29 201,419	8,016	7,552
77	67	57 024	3 349,433	25 558,637	7,631	7,166
78	68	54 141	3 065,177	22 209,203	7,246	6,781
79	69	51 110	2 788,987	19 144,026	6,864	6,400
80	70	47 897	2 519,186	16 355,040	6,492	6,028
81	71	44 542	2 258,028	13 835,854	6,127	5,663
82	72	41 021	2 004,405	11 577,826	5,776	5,312
83	73	37 407	1 761,744	9 573,421	5,434	4,970
84	74	33 705	1 530,006	7 811,677	5,106	4,641
85	75	29 970	1 311,306	6 281,671	4,790	4,326
86	76	26 238	1 106,513	4 970,365	4,492	4,027
87	77	22 585	918,030	3 863,852	4,209	3,744
88	78	19 103	748,414	2 945,822	3,936	3,472
89	79	15 827	597,657	2 197,408	3,677	3,212
90	80	12 819	466,594	1 599,751	3,429	2,964
91	81	10 114	354,806	1 133,157	3,194	2,729
92	82	7 711	260,745	778,351	2,985	2,521
93	83	5 681	185,151	517,606	2,796	2,331
94	84	4 046	127,107	332,455	2,616	2,151
95	85	2 742	83,022	205,348	2,473	2,009
96	86	1 807	52,728	122,326	2,320	1,856
97	87	1 132	31,829	69,597	2,187	1,722
98	88	673	18,254	37,769	2,069	1,605
99	89	380	9,942	19,515	1,963	1,498
100	90	203	5,124	9,573	1,868	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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8						
9						
10						
11	0	99 526	66 384,890	1 646 078,427	24,796	24,332
12	1	99 213	63 783,697	1 579 693,537	24,766	24,302
13	2	99 182	61 459,241	1 515 909,839	24,665	24,201
14	3	99 161	59 225,105	1 454 450,598	24,558	24,094
15	4	99 137	57 070,744	1 395 225,493	24,447	23,983
16	5	99 113	54 994,677	1 338 154,749	24,332	23,868
17	6	99 080	52 989,291	1 283 160,072	24,215	23,751
18	7	99 044	51 055,678	1 230 170,782	24,095	23,630
19	8	99 002	49 189,003	1 179 115,103	23,971	23,507
20	9	98 954	47 388,356	1 129 926,100	23,844	23,380
21	10	98 903	45 651,982	1 082 537,744	23,713	23,248
22	11	98 853	43 979,627	1 036 885,762	23,577	23,112
23	12	98 801	42 367,727	992 906,136	23,435	22,971
24	13	98 748	40 814,382	950 538,409	23,289	22,825
25	14	98 692	39 316,776	909 724,027	23,138	22,674
26	15	98 634	37 873,480	870 407,251	22,982	22,518
27	16	98 575	36 482,697	832 533,772	22,820	22,356
28	17	98 509	35 140,531	796 051,074	22,653	22,189
29	18	98 444	33 847,988	760 910,543	22,480	22,016
30	19	98 367	32 599,246	727 062,555	22,303	21,839
31	20	98 292	31 396,797	694 463,309	22,119	21,654
32	21	98 206	30 235,542	663 066,512	21,930	21,466
33	22	98 121	29 117,455	632 830,970	21,734	21,269
34	23	98 034	28 040,236	603 713,515	21,530	21,066
35	24	97 934	26 999,109	575 673,280	21,322	20,858
36	25	97 830	25 995,727	548 674,170	21,106	20,642
37	26	97 725	25 029,223	522 678,443	20,883	20,418
38	27	97 615	24 097,258	497 649,220	20,652	20,187
39	28	97 491	23 196,829	473 551,962	20,415	19,950
40	29	97 360	22 328,418	450 355,133	20,170	19,705
41	30	97 213	21 488,759	428 026,715	19,919	19,454
42	31	97 055	20 678,481	406 537,956	19,660	19,196
43	32	96 880	19 895,016	385 859,475	19,395	18,930
44	33	96 687	19 137,871	365 964,459	19,123	18,658
45	34	96 480	18 406,464	346 826,588	18,843	18,378
46	35	96 245	17 697,978	328 420,124	18,557	18,093
47	36	95 996	17 014,172	310 722,146	18,263	17,798
48	37	95 712	16 350,768	293 707,974	17,963	17,499
49	38	95 402	15 708,656	277 357,206	17,656	17,192
50	39	95 046	15 084,387	261 648,550	17,346	16,881
51	40	94 655	14 479,393	246 564,162	17,029	16,564
52	41	94 226	13 892,722	232 084,769	16,705	16,241
53	42	93 737	13 321,148	218 192,047	16,379	15,915
54	43	93 192	12 765,037	204 870,899	16,049	15,585
55	44	92 589	12 224,057	192 105,862	15,715	15,251
56	45	91 926	11 697,838	179 881,806	15,377	14,913
57	46	91 197	11 185,560	168 183,967	15,036	14,571
58	47	90 394	10 686,382	156 998,407	14,691	14,227
59	48	89 503	10 198,548	146 312,026	14,346	13,882
60	49	88 533	9 723,416	136 113,478	13,999	13,534
61	50	87 485	9 261,057	126 390,061	13,647	13,183
62	51	86 353	8 810,838	117 129,004	13,294	12,829
63	52	85 118	8 370,859	108 318,166	12,940	12,475
64	53	83 799	7 943,310	99 947,306	12,583	12,118
65	54	82 377	7 526,269	92 003,996	12,224	11,760
66	55	80 867	7 121,263	84 477,727	11,863	11,398
67	56	79 282	6 729,302	77 356,464	11,495	11,031
68	57	77 577	6 346,574	70 627,161	11,128	10,664
69	58	75 822	5 978,804	64 280,588	10,751	10,287
70	59	73 930	5 618,897	58 301,784	10,376	9,912
71	60	71 924	5 268,895	52 682,886	9,999	9,534
72	61	69 792	4 927,874	47 413,992	9,622	9,157
73	62	67 586	4 599,677	42 486,118	9,237	8,772
74	63	65 275	4 281,796	37 886,441	8,848	8,384
75	64	62 840	3 973,094	33 604,645	8,458	7,994
76	65	60 259	3 672,205	29 631,551	8,069	7,605
77	66	57 526	3 378,950	25 959,346	7,683	7,218
78	67	54 671	3 095,183	22 580,397	7,295	6,831
79	68	51 638	2 817,769	19 485,214	6,915	6,451
80	69	48 438	2 547,648	16 667,444	6,542	6,078
81	70	45 091	2 285,878	14 119,796	6,177	5,713
82	71	41 578	2 031,609	11 833,917	5,825	5,360
83	72	37 954	1 787,501	9 802,309	5,484	5,019
84	73	34 235	1 554,067	8 014,808	5,157	4,693
85	74	30 492	1 334,131	6 460,741	4,843	4,378
86	75	26 748	1 128,021	5 126,609	4,545	4,080
87	76	23 089	938,514	3 998,588	4,261	3,796
88	77	19 582	767,173	3 060,074	3,989	3,524
89	78	16 284	614,937	2 292,902	3,729	3,264
90	79	13 256	482,479	1 677,964	3,478	3,013
91	80	10 518	368,978	1 195,486	3,240	2,776
92	81	8 067	272,763	826,508	3,030	2,566
93	82	5 982	194,966	553,744	2,840	2,376
94	83	4 296	134,945	358,778	2,659	2,194
95	84	2 940	89,005	223,833	2,515	2,050
96	85	1 958	57,141	134,828	2,360	1,895
97	86	1 242	34,935	77,687	2,224	1,759
98	87	749	20,309	42,752	2,105	1,641
99	88	430	11,232	22,444	1,998	1,534
100	89	234	5,896	11,212	1,902	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	63 979,722	1 580 949,157	24,710	24,246
13	1	99 205	61 473,445	1 516 969,435	24,677	24,212
14	2	99 172	59 232,158	1 455 495,990	24,573	24,108
15	3	99 149	57 077,544	1 396 263,831	24,463	23,998
16	4	99 122	54 999,678	1 339 186,288	24,349	23,885
17	5	99 087	52 993,265	1 284 186,610	24,233	23,769
18	6	99 051	51 059,040	1 231 193,345	24,113	23,649
19	7	99 006	49 191,428	1 180 134,305	23,991	23,526
20	8	98 960	47 391,290	1 130 942,878	23,864	23,400
21	9	98 909	45 654,936	1 083 551,587	23,734	23,269
22	10	98 859	43 982,233	1 037 896,651	23,598	23,134
23	11	98 808	42 370,883	993 914,418	23,457	22,993
24	12	98 756	40 817,611	951 543,536	23,312	22,848
25	13	98 700	39 320,146	910 725,925	23,162	22,697
26	14	98 644	37 877,454	871 405,778	23,006	22,541
27	15	98 587	36 487,262	833 528,324	22,844	22,380
28	16	98 523	35 145,490	797 041,062	22,678	22,214
29	17	98 458	33 852,945	761 895,572	22,506	22,042
30	18	98 387	32 605,886	728 042,627	22,329	21,864
31	19	98 311	31 402,858	695 436,741	22,146	21,681
32	20	98 224	30 241,142	664 033,883	21,958	21,494
33	21	98 137	29 122,276	633 792,741	21,763	21,299
34	22	98 051	28 045,089	604 670,465	21,561	21,096
35	23	97 955	27 004,969	576 625,376	21,353	20,888
36	24	97 847	26 000,136	549 620,407	21,139	20,675
37	25	97 744	25 033,891	523 620,271	20,916	20,452
38	26	97 634	24 101,948	498 586,380	20,687	20,222
39	27	97 512	23 201,897	474 484,432	20,450	19,986
40	28	97 385	22 333,988	451 282,535	20,206	19,742
41	29	97 238	21 494,321	428 948,547	19,956	19,492
42	30	97 084	20 684,623	407 454,226	19,698	19,234
43	31	96 911	19 901,368	386 769,603	19,434	18,970
44	32	96 721	19 144,515	366 868,235	19,163	18,699
45	33	96 514	18 413,020	347 723,720	18,885	18,420
46	34	96 282	17 704,902	329 310,700	18,600	18,136
47	35	96 034	17 021,023	311 605,798	18,307	17,843
48	36	95 757	16 358,438	294 584,775	18,008	17,544
49	37	95 446	15 715,889	278 226,337	17,704	17,239
50	38	95 102	15 093,227	262 510,448	17,393	16,928
51	39	94 711	14 488,024	247 417,221	17,077	16,613
52	40	94 290	13 902,157	232 929,197	16,755	16,290
53	41	93 809	13 331,318	219 027,040	16,430	15,965
54	42	93 270	12 775,638	205 695,722	16,101	15,636
55	43	92 673	12 235,067	192 920,084	15,768	15,303
56	44	92 020	11 709,783	180 685,016	15,430	14,966
57	45	91 298	11 198,012	168 975,234	15,090	14,625
58	46	90 509	10 699,968	157 777,222	14,746	14,281
59	47	89 631	10 213,189	147 077,254	14,401	13,936
60	48	88 675	9 738,995	136 864,065	14,053	13,589
61	49	87 644	9 277,863	127 125,070	13,702	13,238
62	50	86 524	8 828,236	117 847,207	13,349	12,884
63	51	85 306	8 389,390	109 018,971	12,995	12,530
64	52	84 006	7 962,862	100 629,581	12,637	12,173
65	53	82 603	7 546,896	92 666,720	12,279	11,814
66	54	81 111	7 142,760	85 119,824	11,917	11,453
67	55	79 545	6 751,673	77 977,063	11,549	11,085
68	56	77 858	6 369,624	71 225,390	11,182	10,718
69	57	76 126	6 002,769	64 855,766	10,804	10,340
70	58	74 257	5 643,789	58 852,997	10,428	9,963
71	59	72 273	5 294,467	53 209,207	10,050	9,586
72	60	70 170	4 954,584	47 914,740	9,671	9,206
73	61	67 967	4 625,557	42 960,156	9,288	8,823
74	62	65 674	4 307,974	38 334,599	8,899	8,434
75	63	63 257	3 999,428	34 026,625	8,508	8,043
76	64	60 701	3 699,162	30 027,197	8,117	7,653
77	65	57 991	3 406,241	26 328,035	7,729	7,265
78	66	55 153	3 122,459	22 921,794	7,341	6,877
79	67	52 143	2 845,353	19 799,335	6,958	6,494
80	68	48 938	2 573,941	16 953,982	6,587	6,122
81	69	45 600	2 311,705	14 380,041	6,221	5,756
82	70	42 091	2 056,666	12 068,336	5,868	5,403
83	71	38 469	1 811,761	10 011,670	5,526	5,062
84	72	34 736	1 576,787	8 199,909	5,200	4,736
85	73	30 972	1 355,112	6 623,121	4,888	4,423
86	74	27 214	1 147,656	5 268,009	4,590	4,126
87	75	23 538	956,757	4 120,353	4,307	3,842
88	76	20 018	784,291	3 163,596	4,034	3,569
89	77	16 693	630,351	2 379,306	3,775	3,310
90	78	13 639	496,428	1 748,955	3,523	3,059
91	79	10 876	381,540	1 252,527	3,283	2,818
92	80	8 389	283,658	870,987	3,071	2,606
93	81	6 258	203,953	587,329	2,880	2,415
94	82	4 523	142,098	383,376	2,698	2,234
95	83	3 121	94,494	241,278	2,553	2,089
96	84	2 099	61,259	146,784	2,396	1,932
97	85	1 346	37,858	85,526	2,259	1,795
98	86	822	22,290	47,667	2,138	1,674
99	87	478	12,497	25,377	2,031	1,566
100	88	264	6,661	12,880	1,934	1,469

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	61 662,370	1 518 129,566	24,620	24,156
14	1	99 195	59 245,847	1 456 467,196	24,583	24,119
15	2	99 160	57 084,341	1 397 221,349	24,476	24,012
16	3	99 134	55 006,231	1 340 137,007	24,363	23,899
17	4	99 096	52 998,084	1 285 130,776	24,249	23,784
18	5	99 058	51 062,869	1 232 132,692	24,130	23,665
19	6	99 013	49 194,666	1 181 069,823	24,008	23,544
20	7	98 965	47 393,627	1 131 875,157	23,882	23,418
21	8	98 916	45 657,763	1 084 481,530	23,752	23,288
22	9	98 865	43 985,079	1 038 823,767	23,618	23,153
23	10	98 814	42 373,394	994 838,688	23,478	23,013
24	11	98 763	40 820,651	952 465,295	23,333	22,869
25	12	98 708	39 323,257	911 644,644	23,183	22,719
26	13	98 653	37 880,702	872 321,386	23,028	22,564
27	14	98 597	36 491,091	834 440,685	22,867	22,403
28	15	98 535	35 149,887	797 949,593	22,701	22,237
29	16	98 472	33 857,722	762 799,706	22,530	22,065
30	17	98 402	32 610,661	728 941,984	22,353	21,888
31	18	98 331	31 409,254	696 331,323	22,170	21,705
32	19	98 243	30 246,980	664 922,069	21,983	21,519
33	20	98 155	29 127,670	634 675,088	21,789	21,325
34	21	98 067	28 049,732	605 547,419	21,588	21,124
35	22	97 972	27 009,643	577 497,686	21,381	20,917
36	23	97 868	26 005,779	550 488,043	21,168	20,703
37	24	97 760	25 038,136	524 482,264	20,947	20,483
38	25	97 652	24 106,443	499 444,128	20,718	20,254
39	26	97 531	23 206,413	475 337,685	20,483	20,019
40	27	97 406	22 338,868	452 131,272	20,240	19,775
41	28	97 262	21 499,683	429 792,405	19,991	19,526
42	29	97 109	20 689,977	408 292,722	19,734	19,269
43	30	96 939	19 907,279	387 602,745	19,470	19,006
44	31	96 752	19 150,628	367 695,465	19,200	18,736
45	32	96 547	18 419,412	348 544,837	18,923	18,458
46	33	96 317	17 711,208	330 125,425	18,639	18,175
47	34	96 072	17 027,683	312 414,217	18,347	17,883
48	35	95 796	16 365,025	295 386,534	18,050	17,585
49	36	95 490	15 723,261	279 021,510	17,746	17,281
50	37	95 145	15 100,176	263 298,249	17,437	16,972
51	38	94 767	14 496,514	248 198,072	17,121	16,657
52	39	94 346	13 910,444	233 701,559	16,800	16,336
53	40	93 872	13 340,372	219 791,115	16,476	16,011
54	41	93 341	12 785,392	206 450,743	16,147	15,683
55	42	92 750	12 245,229	193 665,351	15,816	15,351
56	43	92 103	11 720,330	181 420,123	15,479	15,015
57	44	91 392	11 209,446	169 699,792	15,139	14,675
58	45	90 610	10 711,879	158 490,346	14,796	14,331
59	46	89 745	10 226,173	147 778,467	14,451	13,987
60	47	88 802	9 752,976	137 552,294	14,104	13,639
61	48	87 784	9 292,728	127 799,318	13,753	13,288
62	49	86 681	8 844,257	118 506,590	13,399	12,935
63	50	85 475	8 405,955	109 662,333	13,046	12,581
64	51	84 191	7 980,489	101 256,378	12,688	12,224
65	52	82 806	7 565,472	93 275,890	12,329	11,865
66	53	81 334	7 162,336	85 710,418	11,967	11,502
67	54	79 785	6 772,055	78 548,082	11,599	11,134
68	55	78 117	6 390,800	71 776,027	11,231	10,767
69	56	76 402	6 024,571	65 385,228	10,853	10,389
70	57	74 555	5 666,411	59 360,657	10,476	10,011
71	58	72 593	5 317,922	53 694,245	10,097	9,632
72	59	70 510	4 978,631	48 376,323	9,717	9,252
73	60	68 335	4 650,629	43 397,693	9,332	8,867
74	61	66 043	4 332,213	38 747,064	8,944	8,480
75	62	63 643	4 023,879	34 414,850	8,553	8,088
76	63	61 104	3 723,680	30 390,971	8,162	7,697
77	64	58 417	3 431,246	26 667,291	7,772	7,307
78	65	55 598	3 147,679	23 236,045	7,382	6,918
79	66	52 603	2 870,428	20 088,366	6,998	6,534
80	67	49 417	2 599,138	17 217,938	6,624	6,160
81	68	46 071	2 335,562	14 618,801	6,259	5,795
82	69	42 566	2 079,903	12 283,238	5,906	5,441
83	70	38 944	1 834,107	10 203,335	5,563	5,099
84	71	35 207	1 598,188	8 369,228	5,237	4,772
85	72	31 424	1 374,924	6 771,040	4,925	4,460
86	73	27 642	1 165,704	5 396,116	4,629	4,165
87	74	23 948	973,410	4 230,412	4,346	3,882
88	75	20 408	799,536	3 257,002	4,074	3,609
89	76	17 065	644,416	2 457,466	3,813	3,349
90	77	13 981	508,871	1 813,050	3,563	3,098
91	78	11 190	392,571	1 304,179	3,322	2,858
92	79	8 674	293,315	911,608	3,108	2,644
93	80	6 508	212,099	618,293	2,915	2,451
94	81	4 732	148,648	406,194	2,733	2,268
95	82	3 286	99,503	257,546	2,588	2,124
96	83	2 228	65,036	158,043	2,430	1,966
97	84	1 443	40,587	93,007	2,292	1,827
98	85	891	24,156	52,421	2,170	1,706
99	86	525	13,716	28,265	2,061	1,596
100	87	294	7,411	14,549	1,963	1,499

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	59 427,926	1 457 539,470	24,526	24,062
15	1	99 183	57 097,534	1 398 111,544	24,486	24,022
16	2	99 146	55 012,782	1 341 014,010	24,376	23,912
17	3	99 108	53 004,399	1 286 001,227	24,262	23,798
18	4	99 067	51 067,513	1 232 996,829	24,144	23,680
19	5	99 020	49 198,356	1 181 929,316	24,024	23,559
20	6	98 972	47 396,747	1 132 730,960	23,899	23,434
21	7	98 920	45 660,014	1 085 334,214	23,770	23,305
22	8	98 871	43 987,802	1 039 674,200	23,636	23,171
23	9	98 821	42 376,136	995 686,398	23,496	23,032
24	10	98 769	40 823,070	953 310,262	23,352	22,888
25	11	98 715	39 326,186	912 487,192	23,203	22,739
26	12	98 660	37 883,699	873 161,006	23,048	22,584
27	13	98 606	36 494,220	835 277,307	22,888	22,424
28	14	98 545	35 153,576	798 783,087	22,723	22,258
29	15	98 484	33 861,958	763 629,511	22,551	22,087
30	16	98 416	32 615,263	729 767,553	22,375	21,911
31	17	98 345	31 413,854	697 152,290	22,193	21,728
32	18	98 263	30 253,141	665 738,436	22,006	21,541
33	19	98 174	29 133,293	635 485,295	21,813	21,349
34	20	98 085	28 054,927	606 352,002	21,613	21,149
35	21	97 988	27 014,115	578 297,074	21,407	20,943
36	22	97 885	26 010,280	551 282,959	21,195	20,730
37	23	97 781	25 043,571	525 272,679	20,974	20,510
38	24	97 669	24 110,531	500 229,108	20,747	20,283
39	25	97 550	23 210,741	476 118,577	20,513	20,048
40	26	97 425	22 343,215	452 907,836	20,270	19,806
41	27	97 284	21 504,380	430 564,622	20,022	19,558
42	28	97 133	20 695,138	409 060,242	19,766	19,302
43	29	96 965	19 912,432	388 365,103	19,504	19,039
44	30	96 781	19 156,316	368 452,671	19,234	18,770
45	31	96 578	18 425,293	349 296,355	18,957	18,493
46	32	96 350	17 717,357	330 871,061	18,675	18,211
47	33	96 106	17 033,747	313 153,704	18,384	17,920
48	34	95 833	16 371,428	296 119,957	18,088	17,623
49	35	95 529	15 729,592	279 748,529	17,785	17,320
50	36	95 190	15 107,259	264 018,937	17,476	17,012
51	37	94 811	14 503,188	248 911,678	17,163	16,698
52	38	94 401	13 918,596	234 408,489	16,841	16,377
53	39	93 928	13 348,324	220 489,894	16,518	16,054
54	40	93 404	12 794,075	207 141,570	16,190	15,726
55	41	92 821	12 254,577	194 347,495	15,859	15,395
56	42	92 179	11 730,064	182 092,918	15,524	15,059
57	43	91 474	11 219,543	170 362,854	15,184	14,720
58	44	90 702	10 722,817	159 143,312	14,842	14,377
59	45	89 845	10 237,557	148 420,495	14,498	14,033
60	46	88 915	9 765,375	138 182,938	14,150	13,686
61	47	87 910	9 306,068	128 417,562	13,799	13,335
62	48	86 820	8 858,427	119 111,494	13,446	12,982
63	49	85 630	8 421,210	110 253,067	13,092	12,628
64	50	84 358	7 996,247	101 831,858	12,735	12,271
65	51	82 990	7 582,219	93 835,611	12,376	11,911
66	52	81 534	7 179,965	86 253,392	12,013	11,549
67	53	80 004	6 790,614	79 073,427	11,645	11,180
68	54	78 353	6 410,092	72 282,813	11,276	10,812
69	55	76 656	6 044,599	65 872,721	10,898	10,433
70	56	74 826	5 686,992	59 828,122	10,520	10,056
71	57	72 884	5 339,238	54 141,130	10,140	9,676
72	58	70 823	5 000,687	48 801,892	9,759	9,295
73	59	68 667	4 673,201	43 801,206	9,373	8,908
74	60	66 401	4 355,695	39 128,005	8,983	8,519
75	61	64 001	4 046,520	34 772,310	8,593	8,129
76	62	61 477	3 746,446	30 725,790	8,201	7,737
77	63	58 804	3 453,988	26 979,344	7,811	7,347
78	64	56 007	3 170,785	23 525,356	7,419	6,955
79	65	53 027	2 893,612	20 354,571	7,034	6,570
80	66	49 853	2 622,042	17 460,959	6,659	6,195
81	67	46 522	2 358,426	14 838,916	6,292	5,827
82	68	43 006	2 101,368	12 480,490	5,939	5,475
83	69	39 384	1 854,830	10 379,122	5,596	5,131
84	70	35 641	1 617,900	8 524,292	5,269	4,804
85	71	31 851	1 393,584	6 906,393	4,956	4,491
86	72	28 046	1 182,747	5 512,808	4,661	4,197
87	73	24 324	988,718	4 330,062	4,379	3,915
88	74	20 763	813,453	3 341,343	4,108	3,643
89	75	17 397	656,942	2 527,891	3,848	3,384
90	76	14 293	520,226	1 870,949	3,596	3,132
91	77	11 471	402,411	1 350,723	3,357	2,892
92	78	8 925	301,795	948,312	3,142	2,678
93	79	6 729	219,320	646,517	2,948	2,483
94	80	4 921	154,585	427,197	2,764	2,299
95	81	3 438	104,089	272,612	2,619	2,155
96	82	2 347	68,484	168,523	2,461	1,996
97	83	1 532	43,089	100,039	2,322	1,857
98	84	955	25,896	56,950	2,199	1,735
99	85	569	14,864	31,053	2,089	1,625
100	86	323	8,134	16,189	1,990	1,526

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	57 273,011	1 399 102,967	24,429	23,964
16	1	99 168	55 025,496	1 341 829,957	24,386	23,921
17	2	99 120	53 010,711	1 286 804,460	24,274	23,810
18	3	99 079	51 073,597	1 233 793,749	24,157	23,693
19	4	99 029	49 202,830	1 182 720,152	24,038	23,573
20	5	98 979	47 400,301	1 133 517,322	23,914	23,449
21	6	98 927	45 663,020	1 086 117,021	23,785	23,321
22	7	98 876	43 989,971	1 040 454,001	23,652	23,188
23	8	98 827	42 378,759	996 464,031	23,513	23,049
24	9	98 775	40 825,712	954 085,271	23,370	22,905
25	10	98 721	39 328,517	913 259,559	23,221	22,757
26	11	98 668	37 886,521	873 931,042	23,067	22,603
27	12	98 614	36 497,107	836 044,522	22,907	22,443
28	13	98 554	35 156,590	799 547,415	22,742	22,278
29	14	98 495	33 865,512	764 390,825	22,571	22,107
30	15	98 428	32 619,344	730 525,313	22,395	21,931
31	16	98 359	31 418,287	697 905,969	22,213	21,749
32	17	98 277	30 257,571	666 487,682	22,027	21,563
33	18	98 194	29 139,227	636 230,110	21,834	21,370
34	19	98 104	28 060,344	607 090,883	21,635	21,171
35	20	98 006	27 019,119	579 030,540	21,430	20,966
36	21	97 901	26 014,587	552 011,421	21,219	20,755
37	22	97 798	25 047,905	525 996,835	21,000	20,535
38	23	97 690	24 115,764	500 948,929	20,773	20,308
39	24	97 566	23 214,677	476 833,165	20,540	20,076
40	25	97 443	22 347,382	453 618,488	20,299	19,834
41	26	97 302	21 508,565	431 271,107	20,051	19,587
42	27	97 155	20 699,660	409 762,542	19,796	19,331
43	28	96 989	19 917,400	389 062,882	19,534	19,069
44	29	96 806	19 161,275	369 145,482	19,265	18,801
45	30	96 607	18 430,766	349 984,207	18,989	18,525
46	31	96 381	17 723,014	331 553,441	18,708	18,243
47	32	96 140	17 039,661	313 830,427	18,418	17,953
48	33	95 867	16 377,259	296 790,766	18,122	17,658
49	34	95 566	15 735,746	280 413,507	17,820	17,356
50	35	95 228	15 113,342	264 677,761	17,513	17,048
51	36	94 855	14 509,991	249 564,419	17,199	16,735
52	37	94 445	13 925,004	235 054,427	16,880	16,416
53	38	93 983	13 356,146	221 129,423	16,556	16,092
54	39	93 460	12 801,701	207 773,278	16,230	15,766
55	40	92 884	12 262,900	194 971,577	15,899	15,435
56	41	92 250	11 739,019	182 708,677	15,564	15,100
57	42	91 550	11 228,861	170 969,658	15,226	14,761
58	43	90 784	10 732,475	159 740,797	14,884	14,419
59	44	89 937	10 248,011	149 008,322	14,540	14,076
60	45	89 014	9 776,246	138 760,311	14,194	13,729
61	46	88 022	9 317,900	128 984,065	13,843	13,378
62	47	86 945	8 871,144	119 666,165	13,489	13,025
63	48	85 767	8 434,702	110 795,022	13,136	12,671
64	49	84 511	8 010,758	102 360,320	12,778	12,313
65	50	83 153	7 597,191	94 349,562	12,419	11,955
66	51	81 714	7 195,859	86 752,372	12,056	11,591
67	52	80 201	6 807,328	79 556,513	11,687	11,222
68	53	78 568	6 427,659	72 749,184	11,318	10,854
69	54	76 888	6 062,846	66 321,525	10,939	10,475
70	55	75 074	5 705,898	60 258,679	10,561	10,096
71	56	73 149	5 358,630	54 552,781	10,180	9,716
72	57	71 107	5 020,731	49 194,151	9,798	9,334
73	58	68 971	4 693,903	44 173,420	9,411	8,946
74	59	66 724	4 376,835	39 479,517	9,020	8,556
75	60	64 348	4 068,453	35 102,682	8,628	8,164
76	61	61 823	3 767,526	31 034,229	8,237	7,773
77	62	59 163	3 475,105	27 266,703	7,846	7,382
78	63	56 378	3 191,801	23 791,598	7,454	6,990
79	64	53 417	2 914,854	20 599,796	7,067	6,603
80	65	50 255	2 643,220	17 684,943	6,691	6,226
81	66	46 932	2 379,209	15 041,723	6,322	5,858
82	67	43 427	2 121,939	12 662,513	5,967	5,503
83	68	39 790	1 873,972	10 540,574	5,625	5,160
84	69	36 044	1 636,179	8 666,602	5,297	4,832
85	70	32 244	1 410,773	7 030,423	4,983	4,519
86	71	28 427	1 198,799	5 619,650	4,688	4,223
87	72	24 680	1 003,173	4 420,851	4,407	3,942
88	73	21 089	826,245	3 417,678	4,136	3,672
89	74	17 700	668,377	2 591,433	3,877	3,413
90	75	14 571	530,338	1 923,056	3,626	3,162
91	76	11 727	411,390	1 392,718	3,385	2,921
92	77	9 149	309,360	981,328	3,172	2,708
93	78	6 924	225,661	671,968	2,978	2,513
94	79	5 088	159,848	446,307	2,792	2,328
95	80	3 575	108,247	286,459	2,646	2,182
96	81	2 455	71,640	178,213	2,488	2,023
97	82	1 613	45,374	106,572	2,349	1,884
98	83	1 014	27,493	61,199	2,226	1,762
99	84	610	15,935	33,705	2,115	1,651
100	85	350	8,815	17,770	2,016	1,552

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	55 194,605	1 342 746,949	24,328	23,863
17	1	99 143	53 022,962	1 287 552,344	24,283	23,818
18	2	99 091	51 079,680	1 234 529,382	24,169	23,704
19	3	99 041	49 208,692	1 183 449,702	24,050	23,585
20	4	98 988	47 404,612	1 134 241,009	23,927	23,462
21	5	98 934	45 666,444	1 086 836,397	23,799	23,335
22	6	98 883	43 992,867	1 041 169,953	23,667	23,202
23	7	98 832	42 380,849	997 177,087	23,529	23,065
24	8	98 781	40 828,240	954 796,238	23,386	22,921
25	9	98 728	39 331,062	913 967,998	23,238	22,773
26	10	98 674	37 888,766	874 636,936	23,084	22,620
27	11	98 621	36 499,826	836 748,171	22,925	22,460
28	12	98 562	35 159,371	800 248,345	22,761	22,296
29	13	98 503	33 868,415	765 088,974	22,590	22,126
30	14	98 438	32 622,767	731 220,558	22,414	21,950
31	15	98 371	31 422,218	698 597,791	22,233	21,768
32	16	98 291	30 261,841	667 175,573	22,047	21,582
33	17	98 209	29 143,494	636 913,732	21,854	21,390
34	18	98 124	28 066,059	607 770,238	21,655	21,191
35	19	98 025	27 024,335	579 704,178	21,451	20,987
36	20	97 919	26 019,405	552 679,844	21,241	20,777
37	21	97 814	25 052,053	526 660,439	21,023	20,558
38	22	97 707	24 119,938	501 608,386	20,796	20,332
39	23	97 587	23 219,715	477 488,448	20,564	20,099
40	24	97 460	22 351,172	454 268,733	20,324	19,860
41	25	97 321	21 512,576	431 917,561	20,077	19,613
42	26	97 174	20 703,688	410 404,985	19,823	19,358
43	27	97 010	19 921,751	389 701,297	19,562	19,097
44	28	96 830	19 166,055	369 779,546	19,293	18,829
45	29	96 632	18 435,537	350 613,491	19,018	18,554
46	30	96 409	17 728,278	332 177,954	18,737	18,273
47	31	96 170	17 045,102	314 449,676	18,448	17,984
48	32	95 901	16 382,945	297 404,574	18,153	17,689
49	33	95 600	15 741,351	281 021,630	17,852	17,388
50	34	95 266	15 119,256	265 280,279	17,546	17,081
51	35	94 893	14 515,834	250 161,023	17,234	16,769
52	36	94 489	13 931,536	235 645,189	16,915	16,450
53	37	94 027	13 362,295	221 713,653	16,592	16,128
54	38	93 515	12 809,203	208 351,358	16,266	15,801
55	39	92 939	12 270,209	195 542,155	15,936	15,472
56	40	92 313	11 746,992	183 271,946	15,602	15,137
57	41	91 620	11 237,433	171 524,954	15,264	14,799
58	42	90 860	10 741,389	160 287,521	14,922	14,458
59	43	90 018	10 257,241	149 546,132	14,580	14,115
60	44	89 105	9 786,229	139 288,891	14,233	13,769
61	45	88 120	9 328,272	129 502,662	13,883	13,418
62	46	87 055	8 882,422	120 174,390	13,529	13,065
63	47	85 890	8 446,810	111 291,968	13,176	12,711
64	48	84 646	8 023,592	102 845,158	12,818	12,353
65	49	83 304	7 610,977	94 821,566	12,459	11,994
66	50	81 876	7 210,068	87 210,588	12,096	11,631
67	51	80 379	6 822,398	80 000,521	11,726	11,262
68	52	78 761	6 443,480	73 178,123	11,357	10,893
69	53	77 098	6 079,462	66 734,643	10,977	10,513
70	54	75 301	5 723,122	60 655,181	10,598	10,134
71	55	73 392	5 376,444	54 932,059	10,217	9,753
72	56	71 365	5 038,966	49 555,614	9,834	9,370
73	57	69 247	4 712,718	44 516,648	9,446	8,982
74	58	67 019	4 396,225	39 803,930	9,054	8,590
75	59	64 661	4 088,199	35 407,705	8,661	8,197
76	60	62 158	3 787,946	31 319,506	8,268	7,804
77	61	59 496	3 494,658	27 531,560	7,878	7,414
78	62	56 722	3 211,315	24 036,901	7,485	7,021
79	63	53 771	2 934,173	20 825,586	7,098	6,633
80	64	50 624	2 662,624	17 891,413	6,719	6,255
81	65	47 311	2 398,426	15 228,789	6,349	5,885
82	66	43 809	2 140,638	12 830,363	5,994	5,529
83	67	40 180	1 892,317	10 689,724	5,649	5,185
84	68	36 416	1 653,065	8 797,408	5,322	4,857
85	69	32 608	1 426,712	7 144,343	5,008	4,543
86	70	28 777	1 213,585	5 717,631	4,711	4,247
87	71	25 015	1 016,789	4 504,046	4,430	3,965
88	72	21 398	838,325	3 487,257	4,160	3,695
89	73	17 978	678,888	2 648,932	3,902	3,437
90	74	14 824	539,569	1 970,044	3,651	3,187
91	75	11 955	419,386	1 430,475	3,411	2,946
92	76	9 353	316,263	1 011,089	3,197	2,733
93	77	7 097	231,317	694,826	3,004	2,539
94	78	5 236	164,470	463,509	2,818	2,354
95	79	3 697	111,932	299,040	2,672	2,207
96	80	2 553	74,502	187,108	2,511	2,047
97	81	1 687	47,465	112,606	2,372	1,908
98	82	1 068	28,951	65,141	2,250	1,786
99	83	647	16,918	36,190	2,139	1,675
100	84	375	9,450	19,272	2,039	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	53 185,917	1 288 400,769	24,224	23,760
18	1	99 114	51 091,485	1 235 214,852	24,177	23,712
19	2	99 053	49 214,553	1 184 123,367	24,060	23,596
20	3	99 000	47 410,260	1 134 908,814	23,938	23,474
21	4	98 943	45 670,597	1 087 498,554	23,812	23,347
22	5	98 890	43 996,166	1 041 827,957	23,680	23,216
23	6	98 838	42 383,639	997 831,791	23,543	23,078
24	7	98 786	40 830,252	955 448,152	23,400	22,936
25	8	98 734	39 333,497	914 617,900	23,253	22,788
26	9	98 680	37 891,218	875 284,403	23,100	22,636
27	10	98 627	36 501,989	837 393,185	22,941	22,477
28	11	98 569	35 161,990	800 891,197	22,777	22,313
29	12	98 511	33 871,095	765 729,207	22,607	22,143
30	13	98 447	32 625,564	731 858,112	22,432	21,968
31	14	98 382	31 425,516	699 232,548	22,250	21,786
32	15	98 304	30 265,628	667 807,032	22,065	21,600
33	16	98 222	29 147,607	637 541,404	21,873	21,408
34	17	98 139	28 070,169	608 393,797	21,674	21,210
35	18	98 045	27 029,839	580 323,628	21,470	21,005
36	19	97 938	26 024,428	553 293,789	21,261	20,796
37	20	97 833	25 056,692	527 269,361	21,043	20,579
38	21	97 723	24 123,932	502 212,669	20,818	20,354
39	22	97 604	23 223,734	478 088,737	20,586	20,122
40	23	97 481	22 356,023	454 865,003	20,346	19,882
41	24	97 337	21 516,225	432 508,980	20,102	19,637
42	25	97 192	20 707,549	410 992,755	19,847	19,383
43	26	97 029	19 925,628	390 285,206	19,587	19,123
44	27	96 851	19 170,242	370 359,578	19,320	18,855
45	28	96 656	18 440,136	351 189,336	19,045	18,580
46	29	96 434	17 732,867	332 749,200	18,765	18,300
47	30	96 199	17 050,164	315 016,333	18,476	18,011
48	31	95 931	16 388,176	297 966,168	18,182	17,717
49	32	95 633	15 746,816	281 577,993	17,882	17,417
50	33	95 299	15 124,641	265 831,177	17,576	17,112
51	34	94 930	14 521,513	250 706,536	17,264	16,800
52	35	94 527	13 937,145	236 185,023	16,946	16,482
53	36	94 071	13 368,563	222 247,878	16,625	16,160
54	37	93 558	12 815,101	208 879,314	16,299	15,835
55	38	92 993	12 277,400	196 064,214	15,970	15,505
56	39	92 368	11 753,994	183 786,814	15,636	15,172
57	40	91 682	11 245,065	172 032,820	15,299	14,834
58	41	90 929	10 749,589	160 787,755	14,958	14,493
59	42	90 093	10 265,760	150 038,166	14,615	14,151
60	43	89 185	9 795,043	139 772,406	14,270	13,805
61	44	88 210	9 337,797	129 977,363	13,919	13,455
62	45	87 152	8 892,310	120 639,566	13,567	13,102
63	46	85 999	8 457,549	111 747,256	13,213	12,748
64	47	84 768	8 035,111	103 289,707	12,855	12,390
65	48	83 438	7 623,171	95 254,596	12,495	12,031
66	49	82 024	7 223,152	87 631,425	12,132	11,668
67	50	80 537	6 835,869	80 408,273	11,763	11,298
68	51	78 935	6 457,744	73 572,404	11,393	10,928
69	52	77 288	6 094,426	67 114,660	11,012	10,548
70	53	75 507	5 738,807	61 020,234	10,633	10,168
71	54	73 614	5 392,674	55 281,427	10,251	9,787
72	55	71 602	5 055,718	49 888,753	9,868	9,403
73	56	69 499	4 729,835	44 833,035	9,479	9,014
74	57	67 288	4 413,846	40 103,200	9,086	8,621
75	58	64 947	4 106,310	35 689,354	8,691	8,227
76	59	62 460	3 806,331	31 583,044	8,298	7,833
77	60	59 819	3 513,600	27 776,713	7,905	7,441
78	61	57 042	3 229,384	24 263,113	7,513	7,049
79	62	54 099	2 952,112	21 033,728	7,125	6,661
80	63	50 960	2 680,272	18 081,616	6,746	6,282
81	64	47 658	2 416,032	15 401,344	6,375	5,910
82	65	44 163	2 157,928	12 985,312	6,017	5,553
83	66	40 534	1 908,993	10 827,384	5,672	5,207
84	67	36 772	1 669,247	8 918,391	5,343	4,878
85	68	32 945	1 441,436	7 249,144	5,029	4,565
86	69	29 102	1 227,296	5 807,708	4,732	4,268
87	70	25 323	1 029,329	4 580,411	4,450	3,985
88	71	21 688	849,703	3 551,082	4,179	3,715
89	72	18 241	688,813	2 701,379	3,922	3,457
90	73	15 058	548,055	2 012,566	3,672	3,208
91	74	12 163	426,686	1 464,511	3,432	2,968
92	75	9 535	322,410	1 037,825	3,219	2,755
93	76	7 256	236,479	715,415	3,025	2,561
94	77	5 367	168,592	478,936	2,841	2,376
95	78	3 804	115,168	310,344	2,695	2,230
96	79	2 640	77,038	195,176	2,534	2,069
97	80	1 755	49,361	118,138	2,393	1,929
98	81	1 117	30,285	68,777	2,271	1,807
99	82	682	17,815	38,492	2,161	1,696
100	83	398	10,033	20,678	2,061	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	51 248,503	1 236 000,088	24,118	23,653
19	1	99 076	49 225,927	1 184 751,585	24,068	23,603
20	2	99 012	47 415,906	1 135 525,658	23,948	23,484
21	3	98 955	45 676,039	1 088 109,752	23,822	23,358
22	4	98 899	44 000,167	1 042 433,713	23,692	23,227
23	5	98 846	42 386,817	998 433,546	23,555	23,091
24	6	98 793	40 832,940	956 046,728	23,414	22,949
25	7	98 739	39 335,436	915 213,788	23,267	22,802
26	8	98 686	37 893,564	875 878,352	23,114	22,650
27	9	98 633	36 504,351	837 984,788	22,956	22,491
28	10	98 575	35 164,074	801 480,438	22,793	22,328
29	11	98 518	33 873,618	766 316,364	22,623	22,158
30	12	98 454	32 628,145	732 442,746	22,448	21,984
31	13	98 390	31 428,210	699 814,601	22,267	21,803
32	14	98 314	30 268,804	668 386,391	22,082	21,617
33	15	98 235	29 151,254	638 117,587	21,890	21,425
34	16	98 153	28 074,130	608 966,333	21,691	21,227
35	17	98 060	27 033,798	580 892,203	21,488	21,023
36	18	97 958	26 029,729	553 858,405	21,278	20,813
37	19	97 851	25 061,530	527 828,676	21,061	20,597
38	20	97 741	24 128,400	502 767,147	20,837	20,373
39	21	97 620	23 227,580	478 638,747	20,606	20,142
40	22	97 498	22 359,892	455 411,167	20,367	19,903
41	23	97 358	21 520,894	433 051,275	20,122	19,658
42	24	97 208	20 711,061	411 530,381	19,870	19,406
43	25	97 047	19 929,344	390 819,319	19,610	19,146
44	26	96 870	19 173,973	370 889,975	19,343	18,879
45	27	96 677	18 444,165	351 716,003	19,069	18,605
46	28	96 458	17 737,291	333 271,838	18,789	18,325
47	29	96 224	17 054,578	315 534,547	18,501	18,037
48	30	95 960	16 393,043	298 479,969	18,208	17,743
49	31	95 664	15 751,844	282 086,926	17,908	17,444
50	32	95 333	15 129,891	266 335,083	17,603	17,139
51	33	94 964	14 526,686	251 205,191	17,293	16,828
52	34	94 564	13 942,599	236 678,506	16,975	16,511
53	35	94 109	13 373,946	222 735,907	16,654	16,190
54	36	93 602	12 821,112	209 361,961	16,329	15,865
55	37	93 036	12 283,053	196 540,849	16,001	15,537
56	38	92 422	11 760,882	184 257,797	15,667	15,203
57	39	91 737	11 251,768	172 496,915	15,331	14,866
58	40	90 991	10 756,890	161 245,147	14,990	14,526
59	41	90 161	10 273,597	150 488,258	14,648	14,184
60	42	89 259	9 803,178	140 214,660	14,303	13,839
61	43	88 290	9 346,208	130 411,482	13,953	13,489
62	44	87 241	8 901,390	121 065,274	13,601	13,136
63	45	86 095	8 466,964	112 163,884	13,247	12,783
64	46	84 876	8 045,326	103 696,920	12,889	12,425
65	47	83 558	7 634,115	95 651,594	12,529	12,065
66	48	82 156	7 234,724	88 017,479	12,166	11,702
67	49	80 683	6 848,274	80 782,754	11,796	11,332
68	50	79 091	6 470,495	73 934,480	11,426	10,962
69	51	77 459	6 107,917	67 463,985	11,045	10,581
70	52	75 693	5 752,932	61 356,069	10,665	10,201
71	53	73 816	5 407,454	55 603,136	10,283	9,818
72	54	71 818	5 070,980	50 195,682	9,899	9,434
73	55	69 730	4 745,558	45 124,703	9,509	9,044
74	56	67 532	4 429,877	40 379,144	9,115	8,651
75	57	65 207	4 122,770	35 949,267	8,720	8,255
76	58	62 737	3 823,194	31 826,497	8,325	7,860
77	59	60 109	3 530,653	28 003,304	7,931	7,467
78	60	57 351	3 246,888	24 472,651	7,537	7,073
79	61	54 404	2 968,723	21 225,763	7,150	6,685
80	62	51 271	2 696,659	18 257,040	6,770	6,306
81	63	47 974	2 432,046	15 560,381	6,398	5,934
82	64	44 488	2 173,769	13 128,336	6,039	5,575
83	65	40 861	1 924,411	10 954,566	5,692	5,228
84	66	37 096	1 683,957	9 030,155	5,362	4,898
85	67	33 267	1 455,547	7 346,198	5,047	4,583
86	68	29 403	1 239,962	5 890,651	4,751	4,286
87	69	25 609	1 040,959	4 650,689	4,468	4,003
88	70	21 956	860,183	3 609,729	4,196	3,732
89	71	18 488	698,162	2 749,546	3,938	3,474
90	72	15 278	556,067	2 051,385	3,689	3,225
91	73	12 354	433,396	1 495,318	3,450	2,986
92	74	9 701	328,022	1 061,921	3,237	2,773
93	75	7 397	241,075	733,899	3,044	2,580
94	76	5 487	172,354	492,824	2,859	2,395
95	77	3 899	118,055	320,470	2,715	2,250
96	78	2 716	79,265	202,415	2,554	2,089
97	79	1 815	51,041	123,150	2,413	1,948
98	80	1 162	31,495	72,108	2,290	1,825
99	81	713	18,636	40,613	2,179	1,715
100	82	419	10,565	21,978	2,080	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	49 377,212	1 185 478,547	24,009	23,544
20	1	99 035	47 426,865	1 136 101,336	23,955	23,490
21	2	98 967	45 681,479	1 088 674,471	23,832	23,367
22	3	98 911	44 005,410	1 042 992,992	23,701	23,237
23	4	98 855	42 390,672	998 987,583	23,566	23,102
24	5	98 800	40 836,003	956 596,911	23,425	22,961
25	6	98 745	39 338,026	915 760,908	23,279	22,815
26	7	98 691	37 895,432	876 422,882	23,127	22,663
27	8	98 639	36 506,611	838 527,450	22,969	22,505
28	9	98 581	35 166,349	802 020,840	22,806	22,342
29	10	98 524	33 875,625	766 854,490	22,637	22,173
30	11	98 462	32 630,576	732 978,865	22,463	21,999
31	12	98 398	31 430,696	700 348,289	22,282	21,818
32	13	98 322	30 271,399	668 917,593	22,097	21,633
33	14	98 245	29 154,313	638 646,194	21,906	21,441
34	15	98 165	28 077,643	609 491,881	21,707	21,243
35	16	98 074	27 037,613	581 414,238	21,504	21,039
36	17	97 973	26 033,541	554 376,625	21,295	20,830
37	18	97 871	25 066,634	528 343,085	21,078	20,613
38	19	97 760	24 133,058	503 276,450	20,854	20,390
39	20	97 638	23 231,881	479 143,392	20,624	20,160
40	21	97 514	22 363,595	455 911,511	20,386	19,922
41	22	97 375	21 524,619	433 547,916	20,142	19,678
42	23	97 229	20 715,556	412 023,297	19,890	19,425
43	24	97 063	19 932,724	391 307,741	19,631	19,167
44	25	96 888	19 177,549	371 375,017	19,365	18,901
45	26	96 696	18 447,754	352 197,468	19,092	18,627
46	27	96 479	17 741,166	333 749,714	18,812	18,348
47	28	96 248	17 058,832	316 008,548	18,525	18,060
48	29	95 984	16 397,286	298 949,716	18,232	17,767
49	30	95 692	15 756,522	282 552,430	17,932	17,468
50	31	95 363	15 134,722	266 795,907	17,628	17,164
51	32	94 997	14 531,729	251 661,185	17,318	16,854
52	33	94 598	13 947,565	237 129,456	17,001	16,537
53	34	94 145	13 379,179	223 181,892	16,681	16,217
54	35	93 639	12 826,274	209 802,713	16,357	15,893
55	36	93 080	12 288,814	196 976,439	16,029	15,564
56	37	92 464	11 766,297	184 687,625	15,696	15,232
57	38	91 790	11 258,361	172 921,328	15,359	14,895
58	39	91 045	10 763,301	161 662,967	15,020	14,555
59	40	90 223	10 280,575	150 899,665	14,678	14,214
60	41	89 327	9 810,662	140 619,090	14,333	13,869
61	42	88 363	9 353,970	130 808,428	13,984	13,520
62	43	87 320	8 909,407	121 454,458	13,632	13,168
63	44	86 183	8 475,610	112 545,050	13,279	12,814
64	45	84 970	8 054,282	104 069,441	12,921	12,457
65	46	83 664	7 643,821	96 015,159	12,561	12,097
66	47	82 274	7 245,111	88 371,338	12,197	11,733
67	48	80 813	6 859,246	81 126,227	11,827	11,363
68	49	79 235	6 482,237	74 266,981	11,457	10,993
69	50	77 612	6 119,977	67 784,744	11,076	10,612
70	51	75 861	5 765,668	61 664,767	10,695	10,231
71	52	73 997	5 420,763	55 899,099	10,312	9,848
72	53	72 015	5 084,877	50 478,336	9,927	9,463
73	54	69 940	4 759,884	45 393,459	9,537	9,072
74	55	67 757	4 444,604	40 633,575	9,142	8,678
75	56	65 444	4 137,744	36 188,971	8,746	8,282
76	57	62 988	3 838,518	32 051,227	8,350	7,885
77	58	60 375	3 546,294	28 212,709	7,956	7,491
78	59	57 629	3 262,647	24 666,415	7,560	7,096
79	60	54 699	2 984,814	21 403,768	7,171	6,706
80	61	51 560	2 711,831	18 418,954	6,792	6,328
81	62	48 268	2 446,915	15 707,123	6,419	5,955
82	63	44 782	2 188,177	13 260,208	6,060	5,596
83	64	41 161	1 938,538	11 072,031	5,712	5,247
84	65	37 396	1 697,558	9 133,493	5,380	4,916
85	66	33 560	1 468,374	7 435,934	5,064	4,600
86	67	29 690	1 252,101	5 967,561	4,766	4,302
87	68	25 874	1 051,702	4 715,460	4,484	4,019
88	69	22 204	869,902	3 663,758	4,212	3,747
89	70	18 716	706,773	2 793,856	3,953	3,489
90	71	15 485	563,614	2 087,083	3,703	3,239
91	72	12 534	439,733	1 523,469	3,465	3,000
92	73	9 853	333,181	1 083,737	3,253	2,788
93	74	7 526	245,271	750,556	3,060	2,596
94	75	5 593	175,704	505,284	2,876	2,411
95	76	3 986	120,689	329,580	2,731	2,266
96	77	2 784	81,252	208,891	2,571	2,106
97	78	1 867	52,517	127,639	2,430	1,966
98	79	1 201	32,567	75,122	2,307	1,842
99	80	742	19,380	42,555	2,196	1,731
100	81	439	11,052	23,175	2,097	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	47 572,621	1 136 774,539	23,896	23,431
21	1	98 990	45 692,036	1 089 201,918	23,838	23,373
22	2	98 923	44 010,650	1 043 509,882	23,710	23,246
23	3	98 866	42 395,723	999 499,232	23,575	23,111
24	4	98 809	40 839,716	957 103,509	23,436	22,971
25	5	98 752	39 340,976	916 263,792	23,290	22,826
26	6	98 698	37 897,926	876 922,816	23,139	22,675
27	7	98 644	36 508,411	839 024,890	22,982	22,517
28	8	98 587	35 168,527	802 516,479	22,819	22,355
29	9	98 530	33 877,817	767 347,953	22,650	22,186
30	10	98 468	32 632,509	733 470,135	22,477	22,012
31	11	98 405	31 433,038	700 837,626	22,296	21,832
32	12	98 330	30 273,794	669 404,588	22,112	21,647
33	13	98 253	29 156,813	639 130,794	21,920	21,456
34	14	98 175	28 080,590	609 973,982	21,722	21,258
35	15	98 086	27 040,995	581 893,392	21,519	21,055
36	16	97 987	26 037,214	554 852,397	21,310	20,846
37	17	97 886	25 070,305	528 815,182	21,093	20,629
38	18	97 780	24 137,973	503 744,877	20,869	20,405
39	19	97 657	23 236,367	479 606,904	20,640	20,176
40	20	97 532	22 367,736	456 370,537	20,403	19,939
41	21	97 391	21 528,183	434 002,801	20,160	19,695
42	22	97 246	20 719,142	412 474,617	19,908	19,443
43	23	97 084	19 937,050	391 755,476	19,650	19,185
44	24	96 904	19 180,801	371 818,426	19,385	18,921
45	25	96 714	18 451,194	352 637,625	19,112	18,647
46	26	96 498	17 744,618	334 186,430	18,833	18,369
47	27	96 269	17 062,559	316 441,812	18,546	18,082
48	28	96 008	16 401,377	299 379,253	18,253	17,789
49	29	95 717	15 760,601	282 977,876	17,955	17,490
50	30	95 391	15 139,218	267 217,275	17,651	17,186
51	31	95 027	14 536,369	252 078,057	17,341	16,877
52	32	94 630	13 952,407	237 541,688	17,025	16,561
53	33	94 179	13 383,944	223 589,282	16,706	16,241
54	34	93 676	12 831,293	210 205,338	16,382	15,918
55	35	93 117	12 293,762	197 374,045	16,055	15,590
56	36	92 508	11 771,816	185 080,283	15,722	15,258
57	37	91 833	11 263,545	173 308,467	15,387	14,922
58	38	91 098	10 769,609	162 044,922	15,047	14,582
59	39	90 276	10 286,703	151 275,313	14,706	14,241
60	40	89 388	9 817,325	140 988,610	14,361	13,897
61	41	88 430	9 361,111	131 171,285	14,012	13,548
62	42	87 392	8 916,807	121 810,174	13,661	13,196
63	43	86 261	8 483,244	112 893,367	13,308	12,843
64	44	85 057	8 062,506	104 410,123	12,950	12,486
65	45	83 757	7 652,330	96 347,617	12,591	12,126
66	46	82 378	7 254,322	88 695,287	12,227	11,762
67	47	80 929	6 869,093	81 440,965	11,856	11,392
68	48	79 362	6 492,623	74 571,872	11,486	11,021
69	49	77 753	6 131,083	68 079,249	11,104	10,640
70	50	76 011	5 777,052	61 948,166	10,723	10,259
71	51	74 161	5 432,763	56 171,114	10,339	9,875
72	52	72 192	5 097,393	50 738,351	9,954	9,489
73	53	70 132	4 772,929	45 640,958	9,562	9,098
74	54	67 961	4 458,021	40 868,029	9,167	8,703
75	55	65 662	4 151,499	36 410,008	8,770	8,306
76	56	63 217	3 852,460	32 258,509	8,373	7,909
77	57	60 617	3 560,509	28 406,049	7,978	7,514
78	58	57 884	3 277,101	24 845,540	7,582	7,117
79	59	54 964	2 999,300	21 568,440	7,191	6,727
80	60	51 839	2 726,530	18 569,139	6,811	6,346
81	61	48 539	2 460,683	15 842,609	6,438	5,974
82	62	45 056	2 201,555	13 381,926	6,078	5,614
83	63	41 434	1 951,387	11 180,371	5,729	5,265
84	64	37 671	1 710,020	9 228,984	5,397	4,933
85	65	33 831	1 480,233	7 518,964	5,080	4,615
86	66	29 952	1 263,135	6 038,731	4,781	4,316
87	67	26 127	1 061,998	4 775,596	4,497	4,032
88	68	22 433	878,879	3 713,598	4,225	3,761
89	69	18 928	714,758	2 834,719	3,966	3,502
90	70	15 676	570,566	2 119,961	3,716	3,251
91	71	12 705	445,701	1 549,396	3,476	3,012
92	72	9 997	338,052	1 103,695	3,265	2,800
93	73	7 644	249,129	765,643	3,073	2,609
94	74	5 691	178,762	516,514	2,889	2,425
95	75	4 063	123,035	337,752	2,745	2,281
96	76	2 846	83,065	214,717	2,585	2,120
97	77	1 914	53,833	131,652	2,446	1,981
98	78	1 236	33,509	77,818	2,322	1,858
99	79	767	20,040	44,310	2,211	1,747
100	80	456	11,493	24,270	2,112	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	45 832,460	1 089 825,505	23,778	23,314
22	1	98 946	44 020,822	1 043 993,044	23,716	23,251
23	2	98 878	42 400,772	999 972,223	23,584	23,119
24	3	98 821	40 844,582	957 571,451	23,444	22,980
25	4	98 761	39 344,554	916 726,868	23,300	22,836
26	5	98 705	37 900,769	877 382,315	23,149	22,685
27	6	98 651	36 510,814	839 481,546	22,993	22,528
28	7	98 592	35 170,260	802 970,732	22,831	22,367
29	8	98 537	33 879,915	767 800,472	22,662	22,198
30	9	98 474	32 634,621	733 920,557	22,489	22,025
31	10	98 411	31 434,900	701 285,936	22,309	21,845
32	11	98 337	30 276,049	669 851,035	22,125	21,660
33	12	98 261	29 159,119	639 574,986	21,934	21,470
34	13	98 184	28 082,997	610 415,867	21,736	21,272
35	14	98 096	27 043,833	582 332,870	21,533	21,069
36	15	97 999	26 040,472	555 289,037	21,324	20,860
37	16	97 900	25 073,843	529 248,565	21,108	20,643
38	17	97 794	24 141,508	504 174,721	20,884	20,420
39	18	97 677	23 241,100	480 033,213	20,654	20,190
40	19	97 551	22 372,055	456 792,114	20,418	19,954
41	20	97 409	21 532,170	434 420,059	20,175	19,711
42	21	97 262	20 722,572	412 887,889	19,925	19,460
43	22	97 101	19 940,501	392 165,316	19,667	19,202
44	23	96 925	19 184,964	372 224,816	19,402	18,937
45	24	96 730	18 454,324	353 039,851	19,130	18,666
46	25	96 516	17 747,928	334 585,528	18,852	18,388
47	26	96 287	17 065,880	316 837,600	18,566	18,101
48	27	96 029	16 404,960	299 771,720	18,273	17,809
49	28	95 741	15 764,532	283 366,760	17,975	17,511
50	29	95 416	15 143,137	267 602,228	17,672	17,207
51	30	95 056	14 540,686	252 459,091	17,362	16,898
52	31	94 661	13 956,862	237 918,405	17,047	16,582
53	32	94 212	13 388,591	223 961,543	16,728	16,263
54	33	93 709	12 835,863	210 572,953	16,405	15,941
55	34	93 154	12 298,572	197 737,090	16,078	15,614
56	35	92 545	11 776,556	185 438,517	15,746	15,282
57	36	91 876	11 268,829	173 661,962	15,411	14,946
58	37	91 140	10 774,567	162 393,133	15,072	14,607
59	38	90 329	10 292,731	151 618,566	14,731	14,266
60	39	89 441	9 823,177	141 325,835	14,387	13,923
61	40	88 491	9 367,469	131 502,658	14,038	13,574
62	41	87 459	8 923,614	122 135,189	13,687	13,222
63	42	86 332	8 490,289	113 211,575	13,334	12,870
64	43	85 133	8 069,768	104 721,286	12,977	12,513
65	44	83 842	7 660,143	96 651,517	12,617	12,153
66	45	82 470	7 262,397	88 991,374	12,254	11,789
67	46	81 032	6 877,826	81 728,976	11,883	11,419
68	47	79 476	6 501,944	74 851,150	11,512	11,048
69	48	77 877	6 140,906	68 349,207	11,130	10,666
70	49	76 148	5 787,536	62 208,301	10,749	10,284
71	50	74 308	5 443,490	56 420,765	10,365	9,900
72	51	72 352	5 108,677	50 977,274	9,979	9,514
73	52	70 305	4 784,677	45 868,598	9,587	9,122
74	53	68 148	4 470,239	41 083,921	9,191	8,726
75	54	65 860	4 164,031	36 613,682	8,793	8,328
76	55	63 427	3 865,267	32 449,650	8,395	7,931
77	56	60 837	3 573,441	28 584,384	7,999	7,535
78	57	58 116	3 290,236	25 010,943	7,602	7,137
79	58	55 208	3 012,588	21 720,707	7,210	6,746
80	59	52 091	2 739,763	18 708,119	6,828	6,364
81	60	48 802	2 474,020	15 968,356	6,454	5,990
82	61	45 310	2 213,942	13 494,336	6,095	5,631
83	62	41 687	1 963,317	11 280,393	5,746	5,281
84	63	37 920	1 721,354	9 317,076	5,413	4,948
85	64	34 080	1 491,100	7 595,722	5,094	4,630
86	65	30 194	1 273,337	6 104,622	4,794	4,330
87	66	26 357	1 071,356	4 831,285	4,510	4,045
88	67	22 652	887,483	3 759,929	4,237	3,772
89	68	19 123	722,135	2 872,446	3,978	3,513
90	69	15 853	577,012	2 150,312	3,727	3,262
91	70	12 861	451,198	1 573,300	3,487	3,023
92	71	10 133	342,640	1 122,102	3,275	2,810
93	72	7 756	252,771	779,462	3,084	2,619
94	73	5 780	181,574	526,691	2,901	2,436
95	74	4 134	125,177	345,117	2,757	2,293
96	75	2 902	84,680	219,941	2,597	2,133
97	76	1 957	55,035	135,261	2,458	1,993
98	77	1 267	34,349	80,226	2,336	1,871
99	78	789	20,619	45,878	2,225	1,761
100	79	472	11,884	25,258	2,125	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	44 156,110	1 044 570,829	23,656	23,192
23	1	98 901	42 410,571	1 000 414,719	23,589	23,124
24	2	98 833	40 849,447	958 004,148	23,452	22,988
25	3	98 773	39 349,242	917 154,701	23,308	22,844
26	4	98 714	37 904,215	877 805,460	23,159	22,694
27	5	98 658	36 513,552	839 901,244	23,002	22,538
28	6	98 599	35 172,576	803 387,692	22,841	22,377
29	7	98 541	33 881,585	768 215,116	22,674	22,209
30	8	98 480	32 636,641	734 333,531	22,500	22,036
31	9	98 417	31 436,934	701 696,890	22,321	21,856
32	10	98 343	30 277,843	670 259,955	22,137	21,673
33	11	98 268	29 161,291	639 982,112	21,946	21,482
34	12	98 191	28 085,219	610 820,821	21,749	21,284
35	13	98 105	27 046,152	582 735,602	21,546	21,082
36	14	98 009	26 043,205	555 689,450	21,337	20,873
37	15	97 912	25 076,980	529 646,245	21,121	20,656
38	16	97 808	24 144,915	504 569,265	20,898	20,433
39	17	97 691	23 244,503	480 424,350	20,668	20,204
40	18	97 571	22 376,612	457 179,847	20,431	19,967
41	19	97 428	21 536,327	434 803,235	20,189	19,725
42	20	97 280	20 726,410	413 266,908	19,939	19,475
43	21	97 117	19 943,803	392 540,498	19,682	19,218
44	22	96 942	19 188,285	372 596,695	19,418	18,954
45	23	96 751	18 458,329	353 408,410	19,146	18,682
46	24	96 533	17 750,938	334 950,082	18,869	18,405
47	25	96 305	17 069,062	317 199,144	18,583	18,119
48	26	96 048	16 408,153	300 130,081	18,292	17,827
49	27	95 762	15 767,977	283 721,929	17,994	17,529
50	28	95 440	15 146,914	267 953,952	17,690	17,226
51	29	95 080	14 544,450	252 807,038	17,382	16,917
52	30	94 689	13 961,007	238 262,588	17,066	16,602
53	31	94 242	13 392,865	224 301,581	16,748	16,283
54	32	93 742	12 840,319	210 908,715	16,426	15,961
55	33	93 187	12 302,953	198 068,396	16,099	15,635
56	34	92 581	11 781,164	185 765,443	15,768	15,304
57	35	91 913	11 273,366	173 984,280	15,433	14,969
58	36	91 183	10 779,621	162 710,914	15,094	14,630
59	37	90 371	10 297,470	151 931,293	14,754	14,290
60	38	89 494	9 828,933	141 633,823	14,410	13,945
61	39	88 543	9 373,053	131 804,889	14,062	13,598
62	40	87 518	8 929,675	122 431,837	13,711	13,246
63	41	86 398	8 496,771	113 502,162	13,358	12,894
64	42	85 204	8 076,470	105 005,391	13,001	12,537
65	43	83 918	7 667,043	96 928,920	12,642	12,178
66	44	82 554	7 269,813	89 261,877	12,278	11,814
67	45	81 122	6 885,483	81 992,064	11,908	11,444
68	46	79 577	6 510,210	75 106,582	11,537	11,072
69	47	77 989	6 149,722	68 596,372	11,154	10,690
70	48	76 270	5 796,808	62 446,650	10,773	10,308
71	49	74 442	5 453,369	56 649,842	10,388	9,924
72	50	72 495	5 118,764	51 196,473	10,002	9,537
73	51	70 460	4 795,269	46 077,709	9,609	9,145
74	52	68 315	4 481,242	41 282,440	9,212	8,748
75	53	66 041	4 175,443	36 801,199	8,814	8,349
76	54	63 619	3 876,935	32 625,755	8,415	7,951
77	55	61 040	3 585,320	28 748,820	8,018	7,554
78	56	58 328	3 302,186	25 163,500	7,620	7,156
79	57	55 429	3 024,663	21 861,313	7,228	6,763
80	58	52 322	2 751,901	18 836,651	6,845	6,381
81	59	49 039	2 486,028	16 084,750	6,470	6,006
82	60	45 555	2 225,942	13 598,722	6,109	5,645
83	61	41 922	1 974,364	11 372,780	5,760	5,296
84	62	38 152	1 731,878	9 398,416	5,427	4,962
85	63	34 306	1 500,983	7 666,538	5,108	4,643
86	64	30 416	1 282,684	6 165,555	4,807	4,342
87	65	26 570	1 080,010	4 882,870	4,521	4,057
88	66	22 852	895,304	3 802,861	4,248	3,783
89	67	19 310	729,204	2 907,557	3,987	3,523
90	68	16 017	582,967	2 178,353	3,737	3,272
91	69	13 007	456,296	1 595,387	3,496	3,032
92	70	10 258	346,866	1 139,091	3,284	2,820
93	71	7 861	256,202	792,225	3,092	2,628
94	72	5 865	184,228	536,023	2,910	2,445
95	73	4 199	127,145	351,795	2,767	2,302
96	74	2 952	86,154	224,650	2,608	2,143
97	75	1 995	56,104	138,496	2,469	2,004
98	76	1 295	35,115	82,392	2,346	1,882
99	77	809	21,136	47,277	2,237	1,772
100	78	485	12,228	26,141	2,138	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	42 540,911	1 000 950,215	23,529	23,065
24	1	98 856	40 858,888	958 409,304	23,457	22,992
25	2	98 785	39 353,928	917 550,416	23,315	22,851
26	3	98 726	37 908,732	878 196,489	23,166	22,702
27	4	98 667	36 516,873	840 287,757	23,011	22,547
28	5	98 606	35 175,214	803 770,884	22,850	22,386
29	6	98 548	33 883,816	768 595,670	22,683	22,219
30	7	98 485	32 638,250	734 711,855	22,511	22,046
31	8	98 423	31 438,881	702 073,604	22,331	21,867
32	9	98 350	30 279,802	670 634,723	22,148	21,683
33	10	98 274	29 163,019	640 354,921	21,958	21,493
34	11	98 199	28 087,311	611 191,902	21,760	21,296
35	12	98 112	27 048,292	583 104,591	21,558	21,093
36	13	98 017	26 045,438	556 056,299	21,349	20,885
37	14	97 922	25 079,612	530 010,861	21,133	20,669
38	15	97 820	24 147,936	504 931,249	20,910	20,445
39	16	97 705	23 247,783	480 783,313	20,681	20,216
40	17	97 585	22 379,888	457 535,530	20,444	19,980
41	18	97 448	21 540,714	435 155,642	20,202	19,737
42	19	97 299	20 730,412	413 614,928	19,952	19,488
43	20	97 135	19 947,496	392 884,516	19,696	19,232
44	21	96 958	19 191,462	372 937,020	19,432	18,968
45	22	96 768	18 461,524	353 745,558	19,161	18,697
46	23	96 554	17 754,790	335 284,034	18,884	18,420
47	24	96 322	17 071,957	317 529,244	18,599	18,135
48	25	96 066	16 411,213	300 457,287	18,308	17,844
49	26	95 781	15 771,045	284 046,074	18,011	17,546
50	27	95 461	15 150,223	268 275,029	17,708	17,243
51	28	95 104	14 548,078	253 124,805	17,399	16,935
52	29	94 713	13 964,621	238 576,727	17,084	16,620
53	30	94 270	13 396,843	224 612,106	16,766	16,302
54	31	93 772	12 844,419	211 215,263	16,444	15,980
55	32	93 219	12 307,224	198 370,844	16,118	15,654
56	33	92 614	11 785,360	186 063,620	15,788	15,323
57	34	91 949	11 277,777	174 278,260	15,453	14,989
58	35	91 220	10 783,962	163 000,483	15,115	14,651
59	36	90 413	10 302,300	152 216,521	14,775	14,311
60	37	89 535	9 833,459	141 914,222	14,432	13,967
61	38	88 595	9 378,545	132 080,762	14,083	13,619
62	39	87 570	8 934,997	122 702,217	13,733	13,268
63	40	86 457	8 502,542	113 767,220	13,380	12,916
64	41	85 269	8 082,636	105 264,678	13,024	12,559
65	42	83 988	7 673,411	97 182,042	12,665	12,200
66	43	82 628	7 276,361	89 508,631	12,301	11,837
67	44	81 205	6 892,513	82 232,270	11,931	11,466
68	45	79 665	6 517,457	75 339,757	11,560	11,095
69	46	78 088	6 157,540	68 822,300	11,177	10,712
70	47	76 380	5 805,130	62 664,760	10,795	10,330
71	48	74 562	5 462,106	56 859,629	10,410	9,945
72	49	72 627	5 128,053	51 397,523	10,023	9,558
73	50	70 599	4 804,737	46 269,470	9,630	9,166
74	51	68 467	4 491,162	41 464,733	9,233	8,768
75	52	66 203	4 185,721	36 973,571	8,833	8,369
76	53	63 793	3 887,560	32 787,851	8,434	7,970
77	54	61 224	3 596,143	28 900,291	8,036	7,572
78	55	58 521	3 313,164	25 304,147	7,637	7,173
79	56	55 630	3 035,649	21 990,983	7,244	6,780
80	57	52 531	2 762,931	18 955,334	6,861	6,396
81	58	49 256	2 497,041	16 192,403	6,485	6,020
82	59	45 776	2 236,746	13 695,362	6,123	5,658
83	60	42 149	1 985,066	11 458,616	5,772	5,308
84	61	38 367	1 741,623	9 473,551	5,439	4,975
85	62	34 515	1 510,159	7 731,928	5,120	4,656
86	63	30 617	1 291,186	6 221,769	4,819	4,354
87	64	26 765	1 087,938	4 930,583	4,532	4,068
88	65	23 037	902,535	3 842,645	4,258	3,793
89	66	19 481	735,630	2 940,110	3,997	3,532
90	67	16 174	588,674	2 204,480	3,745	3,280
91	68	13 141	461,005	1 615,806	3,505	3,041
92	69	10 374	350,785	1 154,801	3,292	2,828
93	70	7 958	259,362	804,017	3,100	2,636
94	71	5 944	186,729	544,655	2,917	2,452
95	72	4 261	129,004	357,926	2,775	2,310
96	73	2 999	87,509	228,922	2,616	2,152
97	74	2 029	57,081	141,414	2,477	2,013
98	75	1 320	35,798	84,333	2,356	1,891
99	76	827	21,608	48,535	2,246	1,782
100	77	498	12,535	26,928	2,148	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	40 984,458	958 905,748	23,397	22,932
25	1	98 808	39 363,023	917 921,290	23,319	22,855
26	2	98 737	37 913,246	878 558,267	23,173	22,708
27	3	98 679	36 521,224	840 645,021	23,018	22,554
28	4	98 615	35 178,412	804 123,797	22,858	22,394
29	5	98 555	33 886,357	768 945,385	22,692	22,227
30	6	98 491	32 640,399	735 059,028	22,520	22,055
31	7	98 428	31 440,431	702 418,629	22,341	21,877
32	8	98 356	30 281,677	670 978,198	22,158	21,693
33	9	98 281	29 164,907	640 696,521	21,968	21,504
34	10	98 205	28 088,975	611 531,614	21,771	21,307
35	11	98 120	27 050,306	583 442,639	21,569	21,104
36	12	98 025	26 047,498	556 392,332	21,361	20,896
37	13	97 930	25 081,762	530 344,834	21,145	20,680
38	14	97 830	24 150,470	505 263,072	20,921	20,457
39	15	97 717	23 250,692	481 112,602	20,692	20,228
40	16	97 599	22 383,047	457 861,910	20,456	19,991
41	17	97 462	21 543,868	435 478,863	20,214	19,749
42	18	97 319	20 734,634	413 934,995	19,963	19,499
43	19	97 154	19 951,347	393 200,360	19,708	19,244
44	20	96 976	19 195,016	373 249,013	19,445	18,981
45	21	96 784	18 464,580	354 053,997	19,175	18,710
46	22	96 570	17 757,863	335 589,417	18,898	18,434
47	23	96 343	17 075,663	317 831,553	18,613	18,149
48	24	96 082	16 413,996	300 755,891	18,323	17,859
49	25	95 798	15 773,987	284 341,895	18,026	17,562
50	26	95 479	15 153,172	268 567,908	17,724	17,259
51	27	95 125	14 551,257	253 414,736	17,415	16,951
52	28	94 737	13 968,104	238 863,480	17,101	16,636
53	29	94 294	13 400,311	224 895,375	16,783	16,318
54	30	93 800	12 848,234	211 495,064	16,461	15,997
55	31	93 249	12 311,154	198 646,830	16,136	15,671
56	32	92 646	11 789,451	186 335,676	15,805	15,341
57	33	91 981	11 281,794	174 546,225	15,471	15,007
58	34	91 255	10 788,181	163 264,432	15,134	14,669
59	35	90 450	10 306,448	152 476,250	14,794	14,330
60	36	89 577	9 838,072	142 169,802	14,451	13,987
61	37	88 636	9 382,864	132 331,731	14,104	13,639
62	38	87 622	8 940,233	122 948,867	13,752	13,288
63	39	86 508	8 507,610	114 008,634	13,401	12,936
64	40	85 327	8 088,126	105 501,024	13,044	12,580
65	41	84 052	7 679,269	97 412,898	12,685	12,221
66	42	82 697	7 282,404	89 733,629	12,322	11,858
67	43	81 278	6 898,722	82 451,226	11,952	11,487
68	44	79 747	6 524,112	75 552,504	11,581	11,116
69	45	78 175	6 164,395	69 028,392	11,198	10,733
70	46	76 477	5 812,511	62 863,997	10,815	10,351
71	47	74 669	5 469,947	57 051,487	10,430	9,966
72	48	72 743	5 136,269	51 581,539	10,043	9,578
73	49	70 728	4 813,456	46 445,270	9,649	9,185
74	50	68 602	4 500,030	41 631,814	9,251	8,787
75	51	66 350	4 194,986	37 131,784	8,851	8,387
76	52	63 950	3 897,129	32 936,798	8,452	7,987
77	53	61 392	3 605,999	29 039,669	8,053	7,589
78	54	58 698	3 323,166	25 433,670	7,653	7,189
79	55	55 815	3 045,740	22 110,504	7,259	6,795
80	56	52 722	2 772,966	19 064,764	6,875	6,411
81	57	49 454	2 507,050	16 291,797	6,498	6,034
82	58	45 979	2 246,655	13 784,748	6,136	5,671
83	59	42 354	1 994,700	11 538,093	5,784	5,320
84	60	38 575	1 751,063	9 543,393	5,450	4,986
85	61	34 710	1 518,656	7 792,330	5,131	4,667
86	62	30 804	1 299,080	6 273,674	4,829	4,365
87	63	26 943	1 095,149	4 974,593	4,542	4,078
88	64	23 206	909,160	3 879,445	4,267	3,803
89	65	19 638	741,571	2 970,285	4,005	3,541
90	66	16 316	593,861	2 228,713	3,753	3,288
91	67	13 269	465,518	1 634,852	3,512	3,047
92	68	10 481	354,405	1 169,334	3,299	2,835
93	69	8 048	262,292	814,929	3,107	2,643
94	70	6 018	189,032	552,637	2,924	2,459
95	71	4 318	130,755	363,605	2,781	2,316
96	72	3 042	88,788	232,850	2,623	2,158
97	73	2 061	57,979	144,062	2,485	2,020
98	74	1 343	36,421	86,084	2,364	1,899
99	75	843	22,028	49,663	2,255	1,790
100	76	509	12,814	27,635	2,157	1,692

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 3,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	39 483,996	918 381,674	23,260	22,795
26	1	98 760	37 922,009	878 897,678	23,176	22,712
27	2	98 691	36 525,573	840 975,669	23,024	22,560
28	3	98 627	35 182,604	804 450,096	22,865	22,401
29	4	98 564	33 889,439	769 267,492	22,699	22,235
30	5	98 499	32 642,847	735 378,053	22,528	22,064
31	6	98 435	31 442,501	702 735,206	22,350	21,885
32	7	98 360	30 283,170	671 292,706	22,167	21,703
33	8	98 287	29 166,712	641 009,536	21,977	21,513
34	9	98 211	28 090,793	611 842,823	21,781	21,316
35	10	98 125	27 051,909	583 752,030	21,579	21,115
36	11	98 033	26 049,439	556 700,121	21,371	20,906
37	12	97 938	25 083,747	530 650,682	21,155	20,691
38	13	97 839	24 152,541	505 566,936	20,932	20,468
39	14	97 728	23 253,132	481 414,395	20,703	20,239
40	15	97 611	22 385,847	458 161,263	20,467	20,002
41	16	97 476	21 546,909	435 775,416	20,224	19,760
42	17	97 333	20 737,671	414 228,507	19,975	19,510
43	18	97 174	19 955,411	393 490,836	19,719	19,254
44	19	96 995	19 198,722	373 535,425	19,456	18,992
45	20	96 802	18 468,000	354 336,703	19,187	18,722
46	21	96 586	17 760,804	335 868,703	18,911	18,446
47	22	96 359	17 078,618	318 107,900	18,626	18,162
48	23	96 103	16 417,559	301 029,282	18,336	17,871
49	24	95 815	15 776,662	284 611,723	18,040	17,576
50	25	95 497	15 155,998	268 835,061	17,738	17,273
51	26	95 143	14 554,089	253 679,064	17,430	16,966
52	27	94 758	13 971,156	239 124,975	17,116	16,651
53	28	94 318	13 403,654	225 153,819	16,798	16,334
54	29	93 824	12 851,560	211 750,165	16,477	16,012
55	30	93 277	12 314,810	198 898,605	16,151	15,687
56	31	92 676	11 793,215	186 583,795	15,821	15,357
57	32	92 013	11 285,710	174 790,580	15,488	15,023
58	33	91 288	10 792,024	163 504,869	15,151	14,686
59	34	90 485	10 310,481	152 712,846	14,811	14,347
60	35	89 613	9 842,033	142 402,365	14,469	14,004
61	36	88 678	9 387,265	132 560,332	14,121	13,657
62	37	87 662	8 944,350	123 173,067	13,771	13,307
63	38	86 559	8 512,595	114 228,718	13,419	12,954
64	39	85 378	8 092,947	105 716,122	13,063	12,598
65	40	84 109	7 684,484	97 623,176	12,704	12,240
66	41	82 760	7 287,964	89 938,691	12,341	11,876
67	42	81 345	6 904,451	82 650,728	11,971	11,506
68	43	79 819	6 529,988	75 746,277	11,600	11,135
69	44	78 255	6 170,689	69 216,288	11,217	10,753
70	45	76 562	5 818,981	63 045,599	10,834	10,370
71	46	74 764	5 476,902	57 226,618	10,449	9,984
72	47	72 847	5 143,643	51 749,716	10,061	9,596
73	48	70 841	4 821,168	46 606,074	9,667	9,203
74	49	68 726	4 508,196	41 784,905	9,269	8,804
75	50	66 481	4 203,270	37 276,709	8,869	8,404
76	51	64 092	3 905,756	33 073,440	8,468	8,003
77	52	61 543	3 614,875	29 167,684	8,069	7,604
78	53	58 859	3 332,273	25 552,809	7,668	7,204
79	54	55 984	3 054,934	22 220,536	7,274	6,809
80	55	52 897	2 782,185	19 165,601	6,889	6,424
81	56	49 633	2 516,156	16 383,417	6,511	6,047
82	57	46 163	2 255,660	13 867,261	6,148	5,683
83	58	42 541	2 003,537	11 611,601	5,796	5,331
84	59	38 762	1 759,561	9 608,064	5,460	4,996
85	60	34 898	1 526,888	7 848,503	5,140	4,676
86	61	30 978	1 306,389	6 321,615	4,839	4,375
87	62	27 107	1 101,844	5 015,226	4,552	4,087
88	63	23 359	915,186	3 913,381	4,276	3,812
89	64	19 782	747,015	2 998,195	4,014	3,549
90	65	16 448	598,658	2 251,180	3,760	3,296
91	66	13 386	469,620	1 652,522	3,519	3,054
92	67	10 584	357,875	1 182,902	3,305	2,841
93	68	8 131	264,999	825,027	3,113	2,649
94	69	6 085	191,167	560,029	2,930	2,465
95	70	4 372	132,368	368,861	2,787	2,322
96	71	3 084	89,993	236,494	2,628	2,163
97	72	2 091	58,826	146,501	2,490	2,026
98	73	1 364	36,993	87,674	2,370	1,906
99	74	858	22,411	50,681	2,261	1,797
100	75	519	13,063	28,270	2,164	1,700

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 415 848,540	24,158	23,694
1	1	99 340	95 519,271	2 315 848,540	24,245	23,780
2	2	99 290	91 799,218	2 220 329,270	24,187	23,722
3	3	99 263	88 244,202	2 128 530,052	24,121	23,656
4	4	99 238	84 829,163	2 040 285,850	24,052	23,587
5	5	99 218	81 549,626	1 955 456,687	23,979	23,514
6	6	99 201	78 399,833	1 873 907,061	23,902	23,437
7	7	99 184	75 371,675	1 795 507,228	23,822	23,357
8	8	99 171	72 463,090	1 720 135,553	23,738	23,273
9	9	99 157	69 666,059	1 647 672,462	23,651	23,186
10	10	99 142	66 976,874	1 578 006,404	23,560	23,096
11	11	99 129	64 392,072	1 511 029,529	23,466	23,001
12	12	99 112	61 905,313	1 446 637,457	23,369	22,904
13	13	99 097	59 514,967	1 384 732,144	23,267	22,802
14	14	99 079	57 215,552	1 325 217,177	23,162	22,697
15	15	99 056	55 002,537	1 268 001,625	23,054	22,589
16	16	99 029	52 872,491	1 212 999,088	22,942	22,477
17	17	98 990	50 818,667	1 160 126,598	22,829	22,364
18	18	98 946	48 842,623	1 109 307,930	22,712	22,247
19	19	98 888	46 936,497	1 060 465,307	22,594	22,129
20	20	98 828	45 103,694	1 013 528,810	22,471	22,006
21	21	98 765	43 341,362	968 425,116	22,344	21,879
22	22	98 704	41 648,853	925 083,754	22,212	21,747
23	23	98 643	40 021,985	883 434,901	22,074	21,609
24	24	98 576	38 456,660	843 412,916	21,932	21,467
25	25	98 512	36 953,416	804 956,255	21,783	21,318
26	26	98 446	35 508,412	768 002,840	21,629	21,164
27	27	98 380	34 119,887	732 494,427	21,468	21,003
28	28	98 307	32 783,108	698 374,541	21,303	20,838
29	29	98 232	31 498,126	665 591,432	21,131	20,666
30	30	98 150	30 261,484	634 093,307	20,954	20,489
31	31	98 064	29 072,182	603 831,823	20,770	20,305
32	32	97 966	27 925,863	574 759,640	20,582	20,117
33	33	97 863	26 823,668	546 833,778	20,386	19,921
34	34	97 759	25 764,498	520 010,109	20,183	19,718
35	35	97 642	24 743,925	494 245,611	19,974	19,510
36	36	97 516	23 761,547	469 501,686	19,759	19,294
37	37	97 384	22 816,666	445 740,140	19,536	19,071
38	38	97 248	21 908,458	422 923,474	19,304	18,839
39	39	97 089	21 031,392	401 015,015	19,067	18,603
40	40	96 925	20 188,388	379 983,623	18,822	18,357
41	41	96 737	19 374,359	359 795,235	18,571	18,106
42	42	96 536	18 590,324	340 420,876	18,312	17,847
43	43	96 312	17 833,866	321 830,552	18,046	17,581
44	44	96 067	17 104,459	303 996,687	17,773	17,308
45	45	95 797	16 400,318	286 892,228	17,493	17,028
46	46	95 495	15 719,800	270 491,910	17,207	16,742
47	47	95 165	15 063,018	254 772,111	16,914	16,449
48	48	94 793	14 426,958	239 709,092	16,615	16,151
49	49	94 378	13 811,316	225 282,135	16,311	15,847
50	50	93 910	13 214,340	211 470,818	16,003	15,538
51	51	93 395	12 636,448	198 256,478	15,689	15,224
52	52	92 829	12 076,784	185 620,030	15,370	14,905
53	53	92 192	11 532,519	173 543,246	15,048	14,583
54	54	91 481	11 003,511	162 010,727	14,724	14,259
55	55	90 697	10 489,657	151 007,216	14,396	13,931
56	56	89 841	9 990,982	140 517,558	14,064	13,600
57	57	88 905	9 506,568	130 526,576	13,730	13,265
58	58	87 882	9 035,786	121 020,009	13,393	12,929
59	59	86 756	8 576,926	111 984,222	13,056	12,592
60	60	85 538	8 131,291	103 407,296	12,717	12,252
61	61	84 223	7 698,316	95 276,005	12,376	11,911
62	62	82 831	7 279,929	87 577,689	12,030	11,565
63	63	81 330	6 873,025	80 297,760	11,683	11,218
64	64	79 738	6 479,370	73 424,735	11,332	10,867
65	65	78 027	6 096,463	66 945,365	10,981	10,516
66	66	76 212	5 725,658	60 848,902	10,627	10,163
67	67	74 312	5 368,143	55 123,245	10,269	9,804
68	68	72 270	5 019,863	49 755,102	9,912	9,447
69	69	70 194	4 688,133	44 735,238	9,542	9,077
70	70	67 978	4 365,478	40 047,105	9,174	8,709
71	71	65 645	4 053,536	35 681,627	8,803	8,338
72	72	63 186	3 751,646	31 628,091	8,430	7,966
73	73	60 647	3 462,404	27 876,445	8,051	7,586
74	74	58 019	3 184,942	24 414,042	7,665	7,201
75	75	55 263	2 916,982	21 229,100	7,278	6,813
76	76	52 364	2 657,677	18 312,117	6,890	6,425
77	77	49 293	2 405,589	15 654,440	6,508	6,043
78	78	46 104	2 163,416	13 248,851	6,124	5,659
79	79	42 737	1 928,262	11 085,435	5,749	5,284
80	80	39 169	1 699,319	9 157,173	5,389	4,924
81	81	35 458	1 479,154	7 457,854	5,042	4,577
82	82	31 640	1 269,137	5 978,700	4,711	4,246
83	83	27 801	1 072,239	4 709,563	4,392	3,927
84	84	23 966	888,764	3 637,325	4,093	3,628
85	85	20 224	721,149	2 748,561	3,811	3,347
86	86	16 656	571,072	2 027,412	3,550	3,085
87	87	13 353	440,243	1 456,340	3,308	2,843
88	88	10 406	329,876	1 016,097	3,080	2,615
89	89	7 852	239,345	686,221	2,867	2,402
90	90	5 716	167,519	446,876	2,668	2,203
91	91	3 996	112,604	279,357	2,481	2,016
92	92	2 654	71,907	166,753	2,319	1,854
93	93	1 672	43,578	94,845	2,176	1,712
94	94	1 000	25,056	51,268	2,046	1,581
95	95	556	13,387	26,212	1,958	1,493
96	96	298	6,903	12,825	1,858	1,393
97	97	150	3,333	5,922	1,777	1,312
98	98	72	1,534	2,589	1,688	1,224
99	99	32	0,655	1,056	1,613	1,148
100	100	13	0,259	0,401	1,548	1,083

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 413 037,479	24,205	23,740	50	51	93 725	13 188,299	209 472,267	15,883	15,418
1	2	99 317	95 497,200	2 313 343,865	24,224	23,759	51	52	93 189	12 608,537	196 283,968	15,568	15,103
2	3	99 278	91 788,286	2 217 846,665	24,163	23,698	52	53	92 601	12 047,132	183 675,431	15,246	14,782
3	4	99 251	88 233,689	2 126 058,378	24,096	23,631	53	54	91 940	11 500,999	171 628,299	14,923	14,458
4	5	99 229	84 821,449	2 037 824,689	24,025	23,560	54	55	91 206	10 970,394	160 127,300	14,596	14,131
5	6	99 210	81 543,511	1 953 003,240	23,950	23,486	55	56	90 397	10 454,901	149 156,905	14,267	13,802
6	7	99 194	78 394,672	1 871 459,730	23,872	23,407	56	57	89 516	9 954,826	138 702,004	13,933	13,468
7	8	99 179	75 367,960	1 793 065,058	23,791	23,326	57	58	88 550	9 468,615	128 747,178	13,597	13,132
8	9	99 165	72 458,604	1 717 697,098	23,706	23,241	58	59	87 494	8 995,933	119 278,564	13,259	12,794
9	10	99 150	69 661,551	1 645 238,494	23,618	23,153	59	60	86 337	8 535,500	110 282,630	12,920	12,456
10	11	99 136	66 972,906	1 575 576,943	23,526	23,061	60	61	85 077	8 087,455	101 747,131	12,581	12,116
11	12	99 121	64 387,276	1 508 604,037	23,430	22,965	61	62	83 752	7 655,243	93 659,675	12,235	11,770
12	13	99 105	61 900,416	1 444 216,761	23,331	22,866	62	63	82 328	7 235,691	86 004,432	11,886	11,421
13	14	99 088	59 509,865	1 382 316,346	23,228	22,764	63	64	80 794	6 827,770	78 768,741	11,537	11,072
14	15	99 068	57 209,548	1 322 806,481	23,122	22,657	64	65	79 157	6 432,153	71 940,971	11,185	10,720
15	16	99 044	54 995,656	1 265 596,932	23,013	22,548	65	66	77 402	6 047,617	65 508,818	10,832	10,367
16	17	99 015	52 865,030	1 210 601,276	22,900	22,435	66	67	75 547	5 675,641	59 461,201	10,477	10,012
17	18	98 975	50 811,226	1 157 736,246	22,785	22,320	67	68	73 591	5 316,102	53 785,560	10,117	9,653
18	19	98 926	48 832,677	1 106 925,020	22,668	22,203	68	69	71 532	4 968,586	48 469,457	9,755	9,290
19	20	98 869	46 927,437	1 058 092,343	22,547	22,083	69	70	69 410	4 635,756	43 500,871	9,384	8,919
20	21	98 809	45 095,343	1 011 164,906	22,423	21,958	70	71	67 149	4 312,291	38 865,115	9,013	8,548
21	22	98 749	43 334,186	966 069,564	22,293	21,829	71	72	64 766	3 999,258	34 552,823	8,640	8,175
22	23	98 687	41 641,646	922 735,377	22,159	21,694	72	73	62 276	3 697,587	30 553,565	8,263	7,798
23	24	98 621	40 013,301	881 093,731	22,020	21,555	73	74	59 708	3 408,796	26 855,978	7,878	7,414
24	25	98 559	38 450,139	841 080,430	21,875	21,410	74	75	57 026	3 130,453	23 447,182	7,490	7,025
25	26	98 493	36 946,525	802 630,291	21,724	21,259	75	76	54 209	2 861,363	20 316,730	7,100	6,636
26	27	98 427	35 501,503	765 683,766	21,568	21,103	76	77	51 221	2 599,670	17 455,367	6,714	6,250
27	28	98 359	34 112,434	730 182,262	21,405	20,940	77	78	48 088	2 346,768	14 855,697	6,330	5,865
28	29	98 282	32 774,933	696 069,828	21,238	20,773	78	79	44 809	2 102,623	12 508,929	5,949	5,484
29	30	98 206	31 489,974	663 294,896	21,064	20,599	79	80	41 330	1 864,778	10 406,305	5,580	5,116
30	31	98 121	30 252,498	631 804,921	20,884	20,420	80	81	37 665	1 634,052	8 541,528	5,227	4,762
31	32	98 033	29 062,903	601 552,423	20,698	20,233	81	82	33 896	1 413,979	6 907,476	4,885	4,420
32	33	97 932	27 916,171	572 489,520	20,507	20,043	82	83	30 048	1 205,246	5 493,497	4,558	4,093
33	34	97 828	26 814,118	544 573,349	20,309	19,844	83	84	26 186	1 009,961	4 288,251	4,246	3,781
34	35	97 720	25 754,421	517 759,231	20,104	19,639	84	85	22 355	829,020	3 278,290	3,954	3,490
35	36	97 602	24 733,966	492 004,810	19,892	19,427	85	86	18 662	665,461	2 449,270	3,681	3,216
36	37	97 470	23 750,406	467 270,844	19,674	19,209	86	87	15 175	520,299	1 783,809	3,428	2,964
37	38	97 339	22 806,165	443 520,438	19,447	18,983	87	88	12 002	395,694	1 263,510	3,193	2,728
38	39	97 191	21 895,627	420 714,273	19,215	18,750	88	89	9 211	291,998	867,815	2,972	2,507
39	40	97 031	21 018,864	398 818,646	18,974	18,509	89	90	6 824	208,010	575,817	2,768	2,303
40	41	96 859	20 174,687	377 799,782	18,726	18,262	90	91	4 870	142,737	367,807	2,577	2,112
41	42	96 664	19 359,579	357 625,095	18,473	18,008	91	92	3 327	93,761	225,070	2,400	1,936
42	43	96 455	18 574,897	338 265,516	18,211	17,746	92	93	2 156	58,420	131,308	2,248	1,783
43	44	96 225	17 817,816	319 690,619	17,942	17,477	93	94	1 323	34,461	72,888	2,115	1,650
44	45	95 969	17 087,011	301 872,803	17,667	17,202	94	95	765	19,164	38,427	2,005	1,540
45	46	95 691	16 382,081	284 785,792	17,384	16,919	95	96	417	10,053	19,263	1,916	1,451
46	47	95 374	15 699,840	268 403,710	17,096	16,631	96	97	218	5,042	9,210	1,826	1,362
47	48	95 029	15 041,425	252 703,870	16,801	16,336	97	98	108	2,409	4,167	1,730	1,265
48	49	94 641	14 403,881	237 662,445	16,500	16,035	98	99	50	1,066	1,758	1,649	1,184
49	50	94 207	13 786,298	223 258,565	16,194	15,729	99	100	21	0,438	0,692	1,579	1,114

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 410 328,918	24,183	23,718
1	3	99 305	95 485,828	2 310 658,339	24,199	23,734
2	4	99 266	91 777,351	2 215 172,511	24,136	23,672
3	5	99 242	88 225,666	2 123 395,160	24,068	23,603
4	6	99 222	84 815,088	2 035 169,494	23,995	23,531
5	7	99 204	81 538,143	1 950 354,406	23,920	23,455
6	8	99 189	78 390,808	1 868 816,263	23,840	23,375
7	9	99 173	75 363,294	1 790 425,456	23,757	23,292
8	10	99 158	72 453,915	1 715 062,162	23,671	23,206
9	11	99 144	69 657,423	1 642 608,247	23,581	23,116
10	12	99 129	66 967,917	1 572 950,823	23,488	23,023
11	13	99 113	64 382,182	1 505 982,906	23,391	22,926
12	14	99 096	61 895,110	1 441 600,724	23,291	22,826
13	15	99 078	59 503,620	1 379 705,615	23,187	22,722
14	16	99 056	57 202,391	1 320 201,994	23,079	22,615
15	17	99 030	54 987,896	1 262 999,603	22,969	22,504
16	18	99 001	52 857,290	1 208 011,707	22,854	22,389
17	19	98 955	50 800,879	1 155 154,417	22,739	22,274
18	20	98 907	48 823,251	1 104 353,538	22,619	22,155
19	21	98 851	46 918,748	1 055 530,287	22,497	22,032
20	22	98 793	45 087,877	1 008 611,540	22,370	21,905
21	23	98 731	43 326,687	963 523,663	22,239	21,774
22	24	98 666	41 632,610	920 196,976	22,103	21,638
23	25	98 605	40 006,516	878 564,365	21,961	21,496
24	26	98 541	38 442,970	838 557,849	21,813	21,348
25	27	98 474	36 939,337	800 114,879	21,660	21,195
26	28	98 405	35 493,749	763 175,543	21,502	21,037
27	29	98 334	34 103,926	727 681,794	21,337	20,872
28	30	98 257	32 766,451	693 577,868	21,167	20,702
29	31	98 177	31 480,624	660 811,417	20,991	20,526
30	32	98 090	30 242,842	629 330,793	20,809	20,344
31	33	97 999	29 052,816	599 087,951	20,621	20,156
32	34	97 897	27 906,232	570 035,134	20,427	19,962
33	35	97 790	26 803,630	542 128,903	20,226	19,761
34	36	97 681	25 744,056	515 325,272	20,017	19,552
35	37	97 557	24 722,369	489 581,217	19,803	19,338
36	38	97 425	23 739,476	464 858,847	19,582	19,117
37	39	97 282	22 792,809	441 119,372	19,353	18,889
38	40	97 133	21 882,584	418 326,563	19,117	18,652
39	41	96 965	21 004,598	396 443,979	18,874	18,409
40	42	96 785	20 159,296	375 439,381	18,624	18,159
41	43	96 583	19 343,514	355 280,085	18,367	17,902
42	44	96 369	18 558,181	335 936,571	18,102	17,637
43	45	96 127	17 799,641	317 378,389	17,831	17,366
44	46	95 863	17 068,011	299 578,748	17,552	17,087
45	47	95 569	16 361,281	282 510,737	17,267	16,802
46	48	95 237	15 677,334	266 149,456	16,977	16,512
47	49	94 877	15 017,365	250 472,123	16,679	16,214
48	50	94 470	14 377,789	235 454,758	16,376	15,911
49	51	94 021	13 759,129	221 076,969	16,068	15,603
50	52	93 518	13 159,169	207 317,839	15,755	15,290
51	53	92 960	12 577,579	194 158,670	15,437	14,972
52	54	92 348	12 014,206	181 581,091	15,114	14,649
53	55	91 663	11 466,385	169 566,885	14,788	14,323
54	56	90 904	10 934,045	158 100,500	14,459	13,995
55	57	90 070	10 417,066	147 166,455	14,127	13,663
56	58	89 159	9 915,083	136 749,389	13,792	13,327
57	59	88 159	9 426,853	126 834,306	13,455	12,990
58	60	87 072	8 952,483	117 407,453	13,115	12,650
59	61	85 871	8 489,485	108 454,970	12,775	12,310
60	62	84 601	8 042,205	99 965,485	12,430	11,965
61	63	83 243	7 608,725	91 923,280	12,081	11,616
62	64	81 786	7 188,048	84 314,555	11,730	11,265
63	65	80 205	6 778,014	77 126,507	11,379	10,914
64	66	78 523	6 380,617	70 348,493	11,025	10,561
65	67	76 726	5 994,789	63 967,876	10,671	10,206
66	68	74 814	5 620,620	57 973,087	10,314	9,850
67	69	72 840	5 261,800	52 352,468	9,950	9,485
68	70	70 733	4 913,077	47 090,668	9,585	9,120
69	71	68 564	4 579,276	42 177,592	9,211	8,746
70	72	66 250	4 254,548	37 598,315	8,837	8,372
71	73	63 833	3 941,631	33 343,767	8,459	7,995
72	74	61 312	3 640,338	29 402,136	8,077	7,612
73	75	58 687	3 350,477	25 761,798	7,689	7,224
74	76	55 939	3 070,763	22 411,321	7,298	6,833
75	77	53 026	2 798,910	19 340,558	6,910	6,445
76	78	49 969	2 536,103	16 541,648	6,522	6,058
77	79	46 737	2 280,824	14 005,544	6,141	5,676
78	80	43 333	2 033,398	11 724,721	5,766	5,301
79	81	39 742	1 793,155	9 691,323	5,405	4,940
80	82	36 005	1 562,051	7 898,168	5,056	4,591
81	83	32 189	1 342,797	6 336,117	4,719	4,254
82	84	28 302	1 135,243	4 993,320	4,398	3,934
83	85	24 426	942,070	3 858,076	4,095	3,630
84	86	20 628	765,002	2 916,006	3,812	3,347
85	87	17 003	606,297	2 151,004	3,548	3,083
86	88	13 639	467,650	1 544,707	3,303	2,838
87	89	10 624	350,259	1 077,057	3,075	2,610
88	90	8 005	253,770	726,798	2,864	2,399
89	91	5 815	177,238	473,028	2,669	2,204
90	92	4 055	118,852	295,790	2,489	2,024
91	93	2 703	76,176	176,938	2,323	1,858
92	94	1 705	46,199	100,762	2,181	1,716
93	95	1 012	26,357	54,563	2,070	1,605
94	96	574	14,391	28,206	1,960	1,495
95	97	305	7,344	13,815	1,881	1,416
96	98	157	3,645	6,471	1,775	1,310
97	99	75	1,675	2,826	1,687	1,222
98	100	33	0,714	1,151	1,612	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 407 428,780	24,157	23,692
1	4	99 293	95 474,452	2 307 770,070	24,172	23,707
2	5	99 257	91 769,006	2 212 295,617	24,107	23,642
3	6	99 234	88 219,049	2 120 526,612	24,037	23,572
4	7	99 215	84 809,505	2 032 307,562	23,963	23,498
5	8	99 199	81 534,123	1 947 498,058	23,886	23,421
6	9	99 183	78 385,954	1 865 963,934	23,805	23,340
7	10	99 167	75 358,417	1 787 577,980	23,721	23,256
8	11	99 152	72 449,622	1 712 219,563	23,633	23,168
9	12	99 137	69 652,235	1 639 769,941	23,542	23,077
10	13	99 121	66 962,619	1 570 117,706	23,448	22,983
11	14	99 105	64 376,663	1 503 155,087	23,349	22,885
12	15	99 086	61 888,615	1 438 778,424	23,248	22,783
13	16	99 066	59 496,176	1 376 889,809	23,142	22,678
14	17	99 042	57 194,320	1 317 393,632	23,034	22,569
15	18	99 016	54 979,845	1 260 199,313	22,921	22,456
16	19	98 981	52 846,526	1 205 219,468	22,806	22,341
17	20	98 936	50 791,073	1 152 372,942	22,688	22,224
18	21	98 889	48 814,210	1 101 581,869	22,567	22,102
19	22	98 834	46 910,980	1 052 767,659	22,442	21,977
20	23	98 776	45 080,074	1 005 856,679	22,313	21,848
21	24	98 710	43 317,286	960 776,604	22,180	21,715
22	25	98 649	41 625,551	917 459,318	22,041	21,576
23	26	98 586	39 999,057	875 833,767	21,896	21,432
24	27	98 522	38 435,490	835 834,711	21,746	21,282
25	28	98 453	36 931,268	797 399,221	21,591	21,127
26	29	98 381	35 484,897	760 467,953	21,431	20,966
27	30	98 309	34 095,101	724 983,056	21,264	20,799
28	31	98 228	32 756,722	690 887,955	21,091	20,627
29	32	98 146	31 470,576	658 131,234	20,913	20,448
30	33	98 056	30 232,346	626 660,658	20,728	20,263
31	34	97 964	29 042,472	596 428,312	20,536	20,072
32	35	97 858	27 895,317	567 385,840	20,340	19,875
33	36	97 750	26 792,842	539 490,523	20,136	19,671
34	37	97 635	25 731,986	512 697,680	19,925	19,460
35	38	97 512	24 710,992	486 965,695	19,706	19,242
36	39	97 368	23 725,572	462 254,703	19,483	19,019
37	40	97 224	22 779,231	438 529,131	19,251	18,786
38	41	97 067	21 867,732	415 749,900	19,012	18,547
39	42	96 891	20 988,575	393 882,167	18,767	18,302
40	43	96 705	20 142,568	372 893,593	18,513	18,048
41	44	96 496	19 326,106	352 751,025	18,253	17,788
42	45	96 270	18 539,251	333 424,919	17,985	17,520
43	46	96 020	17 779,849	314 885,668	17,710	17,245
44	47	95 741	17 046,340	297 105,819	17,429	16,964
45	48	95 432	16 337,826	280 059,479	17,142	16,677
46	49	95 085	15 652,256	263 721,653	16,849	16,384
47	50	94 705	14 990,162	248 069,397	16,549	16,084
48	51	94 283	14 349,455	233 079,235	16,243	15,778
49	52	93 813	13 728,739	218 729,780	15,932	15,467
50	53	93 288	13 126,859	205 001,042	15,617	15,152
51	54	92 706	12 543,203	191 874,182	15,297	14,832
52	55	92 070	11 978,047	179 330,979	14,972	14,507
53	56	91 359	11 428,393	167 352,932	14,644	14,179
54	57	90 575	10 894,476	155 924,539	14,312	13,847
55	58	89 710	10 375,478	145 030,063	13,978	13,513
56	59	88 765	9 871,352	134 654,585	13,641	13,176
57	60	87 733	9 381,321	124 783,233	13,301	12,836
58	61	86 602	8 904,220	115 401,912	12,960	12,496
59	62	85 391	8 441,985	106 497,692	12,615	12,150
60	63	84 087	7 993,335	98 055,707	12,267	11,802
61	64	82 694	7 558,626	90 062,371	11,915	11,450
62	65	81 190	7 135,667	82 503,745	11,562	11,097
63	66	79 563	6 723,707	75 368,079	11,209	10,744
64	67	77 837	6 324,880	68 644,371	10,853	10,388
65	68	75 982	5 936,673	62 319,492	10,497	10,033
66	69	74 050	5 563,206	56 382,819	10,135	9,670
67	70	72 026	5 203,014	50 819,613	9,767	9,303
68	71	69 871	4 853,218	45 616,599	9,399	8,934
69	72	67 646	4 517,958	40 763,381	9,023	8,558
70	73	65 296	4 193,243	36 245,423	8,644	8,179
71	74	62 844	3 880,604	32 052,180	8,260	7,795
72	75	60 263	3 578,058	28 171,576	7,873	7,409
73	76	57 568	3 286,592	24 593,518	7,483	7,018
74	77	54 718	3 003,740	21 306,927	7,093	6,629
75	78	51 729	2 730,472	18 303,187	6,703	6,238
76	79	48 565	2 464,838	15 572,715	6,318	5,853
77	80	45 198	2 205,731	13 107,877	5,943	5,478
78	81	41 669	1 955,299	10 902,145	5,576	5,111
79	82	37 991	1 714,144	8 946,846	5,219	4,755
80	83	34 192	1 483,415	7 232,702	4,876	4,411
81	84	30 320	1 264,805	5 749,287	4,546	4,081
82	85	26 400	1 058,931	4 484,482	4,235	3,770
83	86	22 540	869,323	3 425,551	3,940	3,476
84	87	18 794	696,987	2 556,229	3,668	3,203
85	88	15 282	544,945	1 859,241	3,412	2,947
86	89	12 073	413,952	1 314,296	3,175	2,710
87	90	9 233	304,404	900,343	2,958	2,493
88	91	6 821	216,228	595,940	2,756	2,291
89	92	4 842	147,580	379,712	2,573	2,108
90	93	3 295	96,560	232,132	2,404	1,939
91	94	2 138	60,240	135,571	2,251	1,786
92	95	1 304	35,334	75,332	2,132	1,667
93	96	760	19,793	39,997	2,021	1,556
94	97	420	10,513	20,204	1,922	1,457
95	98	220	5,309	9,691	1,825	1,360
96	99	109	2,535	4,382	1,729	1,264
97	100	50	1,121	1,847	1,647	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 404 314,818	24,128	23,664
1	5	99 284	95 465,771	2 304 667,981	24,141	23,676
2	6	99 250	91 762,123	2 209 202,210	24,075	23,610
3	7	99 228	88 213,242	2 117 440,086	24,004	23,539
4	8	99 210	84 805,324	2 029 226,844	23,928	23,463
5	9	99 193	81 529,075	1 944 421,520	23,849	23,385
6	10	99 177	78 380,882	1 862 892,445	23,767	23,302
7	11	99 161	75 353,952	1 784 511,562	23,682	23,217
8	12	99 145	72 444,226	1 709 157,611	23,593	23,128
9	13	99 129	69 646,724	1 636 713,385	23,500	23,035
10	14	99 113	66 956,879	1 567 066,660	23,404	22,939
11	15	99 095	64 369,908	1 500 109,781	23,305	22,840
12	16	99 073	61 880,872	1 435 739,874	23,202	22,737
13	17	99 052	59 487,781	1 373 859,001	23,095	22,630
14	18	99 028	57 185,945	1 314 371,220	22,984	22,519
15	19	98 995	54 968,649	1 257 185,275	22,871	22,406
16	20	98 961	52 836,325	1 202 216,626	22,754	22,289
17	21	98 918	50 781,668	1 149 380,301	22,634	22,169
18	22	98 872	48 806,129	1 098 598,632	22,509	22,045
19	23	98 817	46 902,862	1 049 792,504	22,382	21,917
20	24	98 755	45 070,293	1 002 889,642	22,252	21,787
21	25	98 693	43 309,941	957 819,349	22,115	21,651
22	26	98 631	41 617,789	914 509,408	21,974	21,509
23	27	98 567	39 991,274	872 891,619	21,827	21,362
24	28	98 500	38 427,094	832 900,345	21,675	21,210
25	29	98 428	36 922,057	794 473,251	21,518	21,053
26	30	98 355	35 475,714	757 551,193	21,354	20,889
27	31	98 280	34 084,977	722 075,479	21,185	20,720
28	32	98 196	32 746,266	687 990,502	21,010	20,545
29	33	98 112	31 459,654	655 244,236	20,828	20,363
30	34	98 021	30 221,582	623 784,582	20,640	20,176
31	35	97 926	29 031,113	593 563,000	20,446	19,981
32	36	97 819	27 884,090	564 531,887	20,246	19,781
33	37	97 705	26 780,281	536 647,797	20,039	19,574
34	38	97 590	25 720,143	509 867,517	19,824	19,359
35	39	97 455	24 696,519	484 147,374	19,604	19,139
36	40	97 310	23 711,439	459 450,854	19,377	18,912
37	41	97 158	22 763,771	435 739,415	19,142	18,677
38	42	96 993	21 851,050	412 975,645	18,900	18,435
39	43	96 811	20 971,158	391 124,594	18,651	18,186
40	44	96 618	20 124,441	370 153,436	18,393	17,928
41	45	96 398	19 306,393	350 028,995	18,130	17,665
42	46	96 163	18 518,636	330 722,603	17,859	17,394
43	47	95 898	17 757,273	312 203,966	17,582	17,117
44	48	95 604	17 021,903	294 446,693	17,298	16,833
45	49	95 279	16 311,692	277 424,790	17,008	16,543
46	50	94 912	15 623,903	261 113,098	16,712	16,248
47	51	94 518	14 960,621	245 489,195	16,409	15,944
48	52	94 075	14 317,760	230 528,573	16,101	15,636
49	53	93 583	13 695,030	216 210,813	15,788	15,323
50	54	93 033	13 090,982	202 515,783	15,470	15,005
51	55	92 427	12 505,453	189 424,801	15,147	14,683
52	56	91 765	11 938,359	176 919,348	14,819	14,355
53	57	91 029	11 387,034	164 980,989	14,488	14,024
54	58	90 213	10 850,982	153 593,955	14,155	13,690
55	59	89 315	10 329,717	142 742,972	13,819	13,354
56	60	88 337	9 823,674	132 413,256	13,479	13,014
57	61	87 260	9 330,746	122 589,582	13,138	12,673
58	62	86 118	8 854,400	113 258,836	12,791	12,326
59	63	84 872	8 390,686	104 404,436	12,443	11,978
60	64	83 533	7 940,704	96 013,750	12,091	11,627
61	65	82 092	7 503,544	88 073,046	11,738	11,273
62	66	80 539	7 078,494	80 569,502	11,382	10,917
63	67	78 868	6 664,973	73 491,008	11,026	10,562
64	68	77 082	6 263,564	66 826,035	10,669	10,204
65	69	75 206	5 876,031	60 562,471	10,307	9,842
66	70	73 223	5 501,053	54 686,440	9,941	9,476
67	71	71 148	5 139,623	49 185,387	9,570	9,105
68	72	68 935	4 788,232	44 045,765	9,199	8,734
69	73	66 671	4 452,857	39 257,533	8,816	8,351
70	74	64 285	4 128,320	34 804,676	8,431	7,966
71	75	61 769	3 814,213	30 676,355	8,043	7,578
72	76	59 114	3 509,833	26 862,143	7,653	7,189
73	77	56 311	3 214,858	23 352,309	7,264	6,799
74	78	53 380	2 930,293	20 137,451	6,872	6,407
75	79	50 276	2 653,745	17 207,158	6,484	6,019
76	80	46 966	2 383,688	14 553,414	6,105	5,641
77	81	43 462	2 121,014	12 169,726	5,738	5,273
78	82	39 833	1 869,144	10 048,712	5,376	4,911
79	83	36 079	1 627,852	8 179,569	5,025	4,560
80	84	32 206	1 397,255	6 551,717	4,689	4,224
81	85	28 282	1 179,783	5 154,462	4,369	3,904
82	86	24 361	977,159	3 974,678	4,068	3,603
83	87	20 536	792,033	2 997,519	3,785	3,320
84	88	16 892	626,459	2 205,486	3,521	3,056
85	89	13 527	482,372	1 579,027	3,273	2,809
86	90	10 492	359,758	1 096,655	3,048	2,583
87	91	7 867	259,371	736,897	2,841	2,376
88	92	5 680	180,046	477,525	2,652	2,187
89	93	3 934	119,900	297,480	2,481	2,016
90	94	2 605	76,360	177,580	2,326	1,861
91	95	1 635	46,073	101,220	2,197	1,732
92	96	979	26,535	55,147	2,078	1,613
93	97	555	14,459	28,612	1,979	1,514
94	98	303	7,600	14,152	1,862	1,397
95	99	153	3,691	6,552	1,775	1,310
96	100	73	1,697	2,861	1,686	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 400 976,118	24,097	23,632
1	6	99 277	95 458,612	2 301 338,342	24,108	23,643
2	7	99 243	91 756,083	2 205 879,730	24,041	23,576
3	8	99 223	88 208,894	2 114 123,647	23,967	23,502
4	9	99 204	84 800,074	2 025 914,753	23,890	23,426
5	10	99 186	81 523,800	1 941 114,680	23,810	23,346
6	11	99 171	78 376,238	1 859 590,880	23,726	23,262
7	12	99 153	75 348,339	1 781 214,642	23,640	23,175
8	13	99 137	72 438,494	1 705 866,303	23,549	23,084
9	14	99 121	69 640,754	1 633 427,808	23,455	22,990
10	15	99 102	66 949,853	1 563 787,054	23,358	22,893
11	16	99 082	64 361,855	1 496 837,201	23,257	22,792
12	17	99 059	61 872,141	1 432 475,346	23,152	22,687
13	18	99 037	59 479,071	1 370 603,205	23,043	22,579
14	19	99 007	57 174,300	1 311 124,134	22,932	22,467
15	20	98 976	54 958,038	1 253 949,834	22,816	22,352
16	21	98 943	52 826,541	1 198 991,796	22,697	22,232
17	22	98 901	50 773,261	1 146 165,254	22,574	22,109
18	23	98 855	48 797,683	1 095 391,993	22,448	21,983
19	24	98 796	46 892,685	1 046 594,310	22,319	21,854
20	25	98 738	45 062,650	999 701,625	22,185	21,720
21	26	98 675	43 301,865	954 638,975	22,046	21,581
22	27	98 612	41 609,691	911 337,110	21,902	21,437
23	28	98 546	39 982,539	869 727,418	21,753	21,288
24	29	98 476	38 417,511	829 744,880	21,598	21,133
25	30	98 403	36 912,503	791 327,369	21,438	20,973
26	31	98 326	35 465,180	754 414,866	21,272	20,807
27	32	98 248	34 074,097	718 949,686	21,100	20,635
28	33	98 162	32 734,901	684 875,589	20,922	20,457
29	34	98 077	31 448,453	652 140,687	20,737	20,272
30	35	97 982	30 209,762	620 692,235	20,546	20,081
31	36	97 886	29 019,429	590 482,473	20,348	19,883
32	37	97 773	27 871,016	561 463,044	20,145	19,680
33	38	97 660	26 767,956	533 592,028	19,934	19,469
34	39	97 533	25 705,080	506 824,072	19,717	19,252
35	40	97 397	24 681,808	481 118,992	19,493	19,028
36	41	97 244	23 695,346	456 437,185	19,263	18,798
37	42	97 084	22 746,405	432 741,839	19,025	18,560
38	43	96 912	21 832,918	409 995,433	18,779	18,314
39	44	96 723	20 952,286	388 162,515	18,526	18,061
40	45	96 519	20 103,913	367 210,230	18,266	17,801
41	46	96 291	19 284,925	347 106,317	17,999	17,534
42	47	96 041	18 495,123	327 821,392	17,725	17,260
43	48	95 761	17 731,818	309 326,269	17,445	16,980
44	49	95 451	16 994,675	291 594,452	17,158	16,693
45	50	95 107	16 282,145	274 599,777	16,865	16,400
46	51	94 725	15 593,114	258 317,632	16,566	16,101
47	52	94 310	14 927,577	242 724,519	16,260	15,795
48	53	93 844	14 282,606	227 796,942	15,949	15,484
49	54	93 327	13 657,600	213 514,336	15,633	15,169
50	55	92 753	13 051,583	199 856,736	15,313	14,848
51	56	92 121	12 464,017	186 805,154	14,988	14,523
52	57	91 433	11 895,156	174 341,136	14,656	14,192
53	58	90 665	11 341,574	162 445,981	14,323	13,858
54	59	89 815	10 803,124	151 104,406	13,987	13,522
55	60	88 883	10 279,824	140 301,283	13,648	13,183
56	61	87 860	9 770,714	130 021,459	13,307	12,842
57	62	86 772	9 278,540	120 250,745	12,960	12,495
58	63	85 594	8 800,595	110 972,205	12,610	12,145
59	64	84 313	8 335,438	102 171,610	12,257	11,793
60	65	82 925	7 882,837	93 836,172	11,904	11,439
61	66	81 434	7 443,424	85 953,335	11,548	11,083
62	67	79 836	7 016,661	78 509,911	11,189	10,724
63	68	78 103	6 600,360	71 493,250	10,832	10,367
64	69	76 295	6 199,583	64 892,890	10,467	10,002
65	70	74 366	5 810,383	58 693,307	10,101	9,637
66	71	72 331	5 434,031	52 882,924	9,732	9,267
67	72	70 196	5 070,801	47 448,894	9,357	8,892
68	73	67 942	4 719,236	42 378,092	8,980	8,515
69	74	65 639	4 383,915	37 658,856	8,590	8,125
70	75	63 185	4 057,691	33 274,941	8,200	7,736
71	76	60 591	3 741,485	29 217,250	7,809	7,344
72	77	57 823	3 433,227	25 475,765	7,420	6,956
73	78	54 934	3 136,249	22 042,537	7,028	6,563
74	79	51 880	2 847,951	18 906,289	6,639	6,174
75	80	48 621	2 566,375	16 058,338	6,257	5,792
76	81	45 162	2 292,135	13 491,963	5,886	5,421
77	82	41 547	2 027,556	11 199,828	5,524	5,059
78	83	37 828	1 775,048	9 172,271	5,167	4,703
79	84	33 983	1 533,303	7 397,223	4,824	4,360
80	85	30 042	1 303,331	5 863,920	4,499	4,034
81	86	26 098	1 088,679	4 560,590	4,189	3,724
82	87	22 195	890,282	3 471,911	3,900	3,435
83	88	18 458	711,887	2 581,629	3,626	3,162
84	89	14 953	554,526	1 869,742	3,372	2,907
85	90	11 756	419,221	1 315,216	3,137	2,672
86	91	8 940	306,537	895,995	2,923	2,458
87	92	6 551	215,969	589,458	2,729	2,265
88	93	4 614	146,277	373,489	2,553	2,088
89	94	3 111	94,817	227,212	2,396	1,931
90	95	1 993	58,402	132,395	2,267	1,802
91	96	1 228	34,599	73,993	2,139	1,674
92	97	715	19,384	39,393	2,032	1,567
93	98	401	10,453	20,009	1,914	1,449
94	99	211	5,284	9,556	1,808	1,344
95	100	103	2,471	4,272	1,729	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 397 399,014	24,063	23,598
1	7	99 270	95 452,328	2 297 768,710	24,072	23,608
2	8	99 238	91 751,560	2 202 316,382	24,003	23,538
3	9	99 217	88 203,433	2 110 564,822	23,928	23,464
4	10	99 198	84 794,587	2 022 361,390	23,850	23,385
5	11	99 180	81 518,969	1 937 566,803	23,768	23,303
6	12	99 164	78 370,400	1 856 047,834	23,683	23,218
7	13	99 145	75 342,378	1 777 677,434	23,595	23,130
8	14	99 129	72 432,285	1 702 335,056	23,502	23,038
9	15	99 110	69 633,447	1 629 902,771	23,407	22,942
10	16	99 090	66 941,477	1 560 269,324	23,308	22,843
11	17	99 068	64 352,773	1 493 327,847	23,205	22,741
12	18	99 045	61 863,082	1 428 975,074	23,099	22,634
13	19	99 017	59 466,959	1 367 111,992	22,989	22,525
14	20	98 988	57 163,264	1 307 645,033	22,876	22,411
15	21	98 958	54 947,862	1 250 481,769	22,758	22,293
16	22	98 927	52 817,796	1 195 533,908	22,635	22,170
17	23	98 884	50 764,475	1 142 716,112	22,510	22,045
18	24	98 834	48 787,095	1 091 951,637	22,382	21,917
19	25	98 779	46 884,733	1 043 164,542	22,250	21,785
20	26	98 719	45 054,248	996 279,809	22,113	21,648
21	27	98 656	43 293,440	951 225,561	21,972	21,507
22	28	98 590	41 600,603	907 932,121	21,825	21,360
23	29	98 521	39 972,567	866 331,519	21,673	21,208
24	30	98 450	38 407,569	826 358,951	21,516	21,051
25	31	98 373	36 901,542	787 951,382	21,353	20,888
26	32	98 295	35 453,860	751 049,840	21,184	20,719
27	33	98 214	34 062,272	715 595,980	21,008	20,544
28	34	98 127	32 723,246	681 533,708	20,827	20,362
29	35	98 038	31 436,153	648 810,462	20,639	20,174
30	36	97 943	30 197,603	617 374,309	20,444	19,980
31	37	97 841	29 005,823	587 176,706	20,243	19,779
32	38	97 728	27 858,189	558 170,883	20,036	19,571
33	39	97 603	26 752,279	530 312,694	19,823	19,358
34	40	97 475	25 689,767	503 560,415	19,602	19,137
35	41	97 331	24 665,056	477 870,648	19,374	18,910
36	42	97 170	23 677,270	453 205,592	19,141	18,676
37	43	97 003	22 727,530	429 528,322	18,899	18,434
38	44	96 825	21 813,270	406 800,792	18,649	18,184
39	45	96 625	20 930,913	384 987,522	18,393	17,928
40	46	96 412	20 081,558	364 056,609	18,129	17,664
41	47	96 169	19 260,438	343 975,050	17,859	17,394
42	48	95 903	18 468,609	324 714,612	17,582	17,117
43	49	95 607	17 703,454	306 246,003	17,299	16,834
44	50	95 278	16 963,890	288 542,549	17,009	16,544
45	51	94 919	16 250,058	271 578,659	16,712	16,248
46	52	94 516	15 558,672	255 328,601	16,411	15,946
47	53	94 078	14 890,925	239 769,929	16,102	15,637
48	54	93 588	14 243,569	224 879,004	15,788	15,323
49	55	93 046	13 616,496	210 635,435	15,469	15,004
50	56	92 446	13 008,338	197 018,939	15,146	14,681
51	57	91 788	12 418,911	184 010,602	14,817	14,352
52	58	91 068	11 847,667	171 591,690	14,483	14,018
53	59	90 265	11 291,552	159 744,023	14,147	13,682
54	60	89 381	10 750,944	148 452,472	13,808	13,343
55	61	88 404	10 224,405	137 701,527	13,468	13,003
56	62	87 369	9 716,046	127 477,122	13,120	12,655
57	63	86 245	9 222,157	117 761,076	12,769	12,305
58	64	85 031	8 742,648	108 538,919	12,415	11,950
59	65	83 699	8 274,695	99 796,271	12,060	11,596
60	66	82 260	7 819,679	91 521,576	11,704	11,239
61	67	80 723	7 378,403	83 701,897	11,344	10,879
62	68	79 062	6 948,639	76 323,494	10,984	10,519
63	69	77 305	6 532,939	69 374,856	10,619	10,154
64	70	75 443	6 130,320	62 841,917	10,251	9,786
65	71	73 460	5 739,592	56 711,597	9,881	9,416
66	72	71 362	5 361,267	50 972,005	9,507	9,043
67	73	69 184	4 997,734	45 610,738	9,126	8,661
68	74	66 890	4 646,170	40 613,004	8,741	8,276
69	75	64 516	4 308,913	35 966,834	8,347	7,882
70	76	61 980	3 980,321	31 657,921	7,954	7,489
71	77	59 269	3 659,823	27 677,600	7,563	7,098
72	78	56 409	3 349,278	24 017,777	7,171	6,706
73	79	53 391	3 048,119	20 668,499	6,781	6,316
74	80	50 172	2 754,187	17 620,379	6,398	5,933
75	81	46 753	2 467,806	14 866,192	6,024	5,559
76	82	43 172	2 191,138	12 398,387	5,658	5,194
77	83	39 455	1 925,486	10 207,249	5,301	4,836
78	84	35 631	1 671,950	8 281,763	4,953	4,489
79	85	31 699	1 430,233	6 609,813	4,621	4,157
80	86	27 722	1 202,686	5 179,580	4,307	3,842
81	87	23 777	991,887	3 976,895	4,009	3,545
82	88	19 949	800,194	2 985,008	3,730	3,266
83	89	16 338	630,145	2 184,813	3,467	3,002
84	90	12 995	481,929	1 554,668	3,226	2,761
85	91	10 017	357,203	1 072,740	3,003	2,538
86	92	7 444	255,242	715,537	2,803	2,339
87	93	5 322	175,462	460,295	2,623	2,159
88	94	3 649	115,676	284,832	2,462	1,998
89	95	2 379	72,519	169,157	2,333	1,868
90	96	1 496	43,858	96,638	2,203	1,739
91	97	897	25,275	52,780	2,088	1,623
92	98	517	14,014	27,504	1,963	1,498
93	99	279	7,268	13,491	1,856	1,391
94	100	141	3,538	6,223	1,759	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 393 571,187	24,026	23,561
1	8	99 266	95 447,622	2 293 947,441	24,034	23,569
2	9	99 232	91 745,879	2 198 499,819	23,963	23,498
3	10	99 210	88 197,725	2 106 753,939	23,887	23,422
4	11	99 192	84 789,562	2 018 556,214	23,807	23,342
5	12	99 173	81 512,898	1 933 766,652	23,723	23,259
6	13	99 156	78 364,200	1 852 253,754	23,636	23,172
7	14	99 137	75 335,920	1 773 889,555	23,546	23,082
8	15	99 118	72 424,684	1 698 553,635	23,453	22,988
9	16	99 098	69 624,735	1 626 128,951	23,356	22,891
10	17	99 076	66 932,032	1 556 504,215	23,255	22,790
11	18	99 054	64 343,351	1 489 572,184	23,150	22,686
12	19	99 025	61 850,484	1 425 228,833	23,043	22,578
13	20	98 998	59 455,480	1 363 378,349	22,931	22,466
14	21	98 970	57 152,679	1 303 922,869	22,815	22,350
15	22	98 942	54 938,765	1 246 770,190	22,694	22,229
16	23	98 910	52 808,656	1 191 831,425	22,569	22,104
17	24	98 863	50 753,460	1 139 022,769	22,442	21,977
18	25	98 817	48 778,822	1 088 269,309	22,310	21,845
19	26	98 761	46 875,991	1 039 490,488	22,175	21,711
20	27	98 700	45 045,481	992 614,496	22,036	21,571
21	28	98 634	43 283,983	947 569,015	21,892	21,427
22	29	98 565	41 590,228	904 285,032	21,743	21,278
23	30	98 496	39 962,223	862 694,804	21,588	21,123
24	31	98 421	38 396,165	822 732,581	21,427	20,963
25	32	98 342	36 889,763	784 336,416	21,262	20,797
26	33	98 261	35 441,556	747 446,653	21,090	20,625
27	34	98 179	34 050,144	712 005,097	20,910	20,446
28	35	98 089	32 710,448	677 954,953	20,726	20,261
29	36	97 999	31 423,500	645 244,505	20,534	20,069
30	37	97 897	30 183,445	613 821,005	20,336	19,872
31	38	97 795	28 992,474	583 637,560	20,131	19,666
32	39	97 671	27 841,874	554 645,086	19,921	19,456
33	40	97 544	26 736,342	526 803,212	19,704	19,239
34	41	97 409	25 672,332	500 066,870	19,479	19,014
35	42	97 256	24 646,240	474 394,538	19,248	18,783
36	43	97 089	23 657,622	449 748,298	19,011	18,546
37	44	96 916	22 707,077	426 090,676	18,765	18,300
38	45	96 726	21 791,019	403 383,599	18,511	18,047
39	46	96 517	20 907,639	381 592,580	18,251	17,787
40	47	96 290	20 056,060	360 684,941	17,984	17,519
41	48	96 031	19 232,828	340 628,880	17,711	17,246
42	49	95 750	18 439,067	321 396,053	17,430	16,965
43	50	95 434	17 671,385	302 956,986	17,144	16,679
44	51	95 090	16 930,460	285 285,601	16,850	16,386
45	52	94 710	16 214,165	268 355,141	16,551	16,086
46	53	94 284	15 520,471	252 140,976	16,246	15,781
47	54	93 821	14 850,226	236 620,505	15,934	15,469
48	55	93 306	14 200,701	221 770,279	15,617	15,152
49	56	92 738	13 571,379	207 569,578	15,295	14,830
50	57	92 112	12 961,262	193 998,199	14,968	14,503
51	58	91 421	12 369,332	181 036,937	14,636	14,171
52	59	90 666	11 795,412	168 667,605	14,299	13,835
53	60	89 829	11 237,013	156 872,193	13,960	13,495
54	61	88 899	10 692,986	145 635,180	13,620	13,155
55	62	87 909	10 167,199	134 942,194	13,272	12,807
56	63	86 838	9 657,005	124 774,995	12,921	12,456
57	64	85 677	9 161,435	115 117,990	12,565	12,101
58	65	84 411	8 678,937	105 956,555	12,208	11,744
59	66	83 028	8 208,397	97 277,618	11,851	11,386
60	67	81 542	7 751,370	89 069,221	11,491	11,026
61	68	79 940	7 306,873	81 317,850	11,129	10,664
62	69	78 254	6 877,660	74 010,977	10,761	10,296
63	70	76 442	6 459,951	67 133,317	10,392	9,927
64	71	74 523	6 055,631	60 673,366	10,019	9,555
65	72	72 476	5 662,737	54 617,735	9,645	9,180
66	73	70 334	5 284,015	48 954,999	9,265	8,800
67	74	68 113	4 920,356	43 670,984	8,876	8,411
68	75	65 746	4 566,681	38 750,628	8,486	8,021
69	76	63 286	4 226,753	34 183,947	8,088	7,623
70	77	60 627	3 893,446	29 957,194	7,694	7,229
71	78	57 820	3 570,334	26 063,748	7,300	6,835
72	79	54 824	3 255,163	22 493,414	6,910	6,445
73	80	51 633	2 947,765	19 238,251	6,526	6,062
74	81	48 245	2 648,404	16 290,486	6,151	5,686
75	82	44 693	2 359,068	13 642,082	5,783	5,318
76	83	40 999	2 080,832	11 283,014	5,422	4,958
77	84	37 164	1 813,650	9 202,182	5,074	4,609
78	85	33 236	1 559,560	7 388,532	4,738	4,273
79	86	29 251	1 319,788	5 828,972	4,417	3,952
80	87	25 257	1 095,758	4 509,183	4,115	3,650
81	88	21 371	891,518	3 413,426	3,829	3,364
82	89	17 659	708,312	2 521,908	3,560	3,096
83	90	14 199	547,647	1 813,596	3,312	2,847
84	91	11 073	410,633	1 265,948	3,083	2,618
85	92	8 341	297,430	855,315	2,876	2,411
86	93	6 048	207,370	557,885	2,690	2,225
87	94	4 209	138,756	350,515	2,526	2,061
88	95	2 791	88,472	211,759	2,394	1,929
89	96	1 787	54,459	123,287	2,264	1,799
90	97	1 093	32,039	68,828	2,148	1,683
91	98	648	18,273	36,789	2,013	1,549
92	99	360	9,743	18,516	1,900	1,436
93	100	187	4,866	8,773	1,803	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 389 481,130	23,986	23,521
1	9	99 259	95 441,713	2 289 862,295	23,992	23,527
2	10	99 226	91 739,943	2 194 420,582	23,920	23,455
3	11	99 205	88 192,499	2 102 680,639	23,842	23,377
4	12	99 184	84 783,247	2 014 488,140	23,760	23,296
5	13	99 165	81 506,449	1 929 704,893	23,675	23,211
6	14	99 147	78 357,482	1 848 198,444	23,587	23,122
7	15	99 127	75 328,014	1 769 840,962	23,495	23,030
8	16	99 106	72 415,624	1 694 512,948	23,400	22,935
9	17	99 084	69 614,911	1 622 097,324	23,301	22,836
10	18	99 061	66 922,232	1 552 482,413	23,198	22,733
11	19	99 033	64 330,248	1 485 560,181	23,093	22,628
12	20	99 006	61 838,545	1 421 229,933	22,983	22,518
13	21	98 979	59 444,471	1 359 391,388	22,868	22,403
14	22	98 954	57 143,217	1 299 946,917	22,749	22,284
15	23	98 924	54 929,258	1 242 803,700	22,626	22,161
16	24	98 888	52 797,197	1 187 874,442	22,499	22,034
17	25	98 846	50 744,854	1 135 077,245	22,368	21,904
18	26	98 799	48 769,727	1 084 332,392	22,234	21,769
19	27	98 741	46 866,870	1 035 562,665	22,096	21,631
20	28	98 679	45 035,642	988 695,795	21,954	21,489
21	29	98 610	43 273,189	943 660,153	21,807	21,342
22	30	98 540	41 579,465	900 386,964	21,655	21,190
23	31	98 466	39 950,357	858 807,499	21,497	21,032
24	32	98 390	38 383,909	818 857,142	21,333	20,869
25	33	98 308	36 876,961	780 473,233	21,164	20,699
26	34	98 226	35 428,937	743 596,272	20,988	20,524
27	35	98 141	34 036,827	708 167,336	20,806	20,341
28	36	98 049	32 697,282	674 130,509	20,617	20,153
29	37	97 953	31 408,767	641 433,227	20,422	19,957
30	38	97 852	30 169,554	610 024,459	20,220	19,755
31	39	97 738	28 975,494	579 854,905	20,012	19,547
32	40	97 613	27 825,289	550 879,411	19,798	19,333
33	41	97 478	26 718,197	523 054,123	19,577	19,112
34	42	97 335	25 652,747	496 335,926	19,348	18,883
35	43	97 176	24 625,788	470 683,179	19,113	18,649
36	44	97 002	23 636,332	446 057,391	18,872	18,407
37	45	96 817	22 683,915	422 421,059	18,622	18,157
38	46	96 619	21 766,789	399 737,144	18,365	17,900
39	47	96 395	20 881,092	377 970,355	18,101	17,636
40	48	96 152	20 027,309	357 089,263	17,830	17,365
41	49	95 877	19 202,063	337 061,954	17,553	17,089
42	50	95 577	18 405,666	317 859,891	17,270	16,805
43	51	95 246	17 636,561	299 454,226	16,979	16,514
44	52	94 880	16 893,064	281 817,665	16,682	16,218
45	53	94 477	16 174,354	264 924,601	16,379	15,914
46	54	94 026	15 478,051	248 750,246	16,071	15,606
47	55	93 539	14 805,532	233 272,195	15,756	15,291
48	56	92 997	14 153,649	218 466,663	15,435	14,971
49	57	92 402	13 522,266	204 313,014	15,109	14,645
50	58	91 744	12 909,517	190 790,749	14,779	14,314
51	59	91 018	12 314,776	177 881,231	14,445	13,980
52	60	90 229	11 738,440	165 566,456	14,105	13,640
53	61	89 345	11 176,434	153 828,015	13,764	13,299
54	62	88 402	10 633,157	142 651,581	13,416	12,951
55	63	87 375	10 105,416	132 018,423	13,064	12,599
56	64	86 266	9 593,419	121 913,007	12,708	12,243
57	65	85 053	9 094,672	112 319,588	12,350	11,885
58	66	83 735	8 609,400	103 224,916	11,990	11,525
59	67	82 303	8 136,693	94 615,515	11,628	11,163
60	68	80 751	7 676,226	86 478,822	11,266	10,801
61	69	79 124	7 232,235	78 802,596	10,896	10,431
62	70	77 380	6 800,821	71 570,361	10,524	10,059
63	71	75 510	6 381,246	64 769,540	10,150	9,685
64	72	73 526	5 974,544	58 388,294	9,773	9,308
65	73	71 432	5 581,140	52 413,750	9,391	8,926
66	74	69 245	5 202,204	46 832,609	9,002	8,538
67	75	66 948	4 836,176	41 630,406	8,608	8,143
68	76	64 492	4 479,606	36 794,230	8,214	7,749
69	77	61 905	4 134,499	32 314,624	7,816	7,351
70	78	59 145	3 798,244	28 180,125	7,419	6,954
71	79	56 195	3 470,007	24 381,880	7,026	6,562
72	80	53 019	3 147,992	20 911,874	6,643	6,178
73	81	49 650	2 834,548	17 763,882	6,267	5,802
74	82	46 119	2 531,709	14 929,334	5,897	5,432
75	83	42 443	2 240,309	12 397,625	5,534	5,069
76	84	38 617	1 959,974	10 157,317	5,182	4,718
77	85	34 666	1 691,735	8 197,343	4,846	4,381
78	86	30 669	1 439,129	6 505,608	4,521	4,056
79	87	26 650	1 202,449	5 066,480	4,213	3,749
80	88	22 701	984,878	3 864,031	3,923	3,459
81	89	18 917	789,149	2 879,153	3,648	3,184
82	90	15 347	615,581	2 090,003	3,395	2,930
83	91	12 099	466,630	1 474,422	3,160	2,695
84	92	9 220	341,920	1 007,792	2,947	2,483
85	93	6 777	241,645	665,872	2,756	2,291
86	94	4 783	163,988	424,227	2,587	2,122
87	95	3 219	106,124	260,239	2,452	1,987
88	96	2 096	66,440	154,115	2,320	1,855
89	97	1 305	39,783	87,675	2,204	1,739
90	98	790	23,162	47,892	2,068	1,603
91	99	451	12,704	24,730	1,947	1,482
92	100	241	6,523	12,025	1,844	1,379

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 385 116,673	23,944	23,479
1	10	99 253	95 435,537	2 285 504,006	23,948	23,483
2	11	99 220	91 734,507	2 190 068,468	23,874	23,409
3	12	99 197	88 185,930	2 098 333,961	23,794	23,330
4	13	99 177	84 776,539	2 010 148,031	23,711	23,246
5	14	99 157	81 499,462	1 925 371,492	23,624	23,160
6	15	99 137	78 349,260	1 843 872,030	23,534	23,069
7	16	99 114	75 318,590	1 765 522,770	23,441	22,976
8	17	99 092	72 405,406	1 690 204,180	23,344	22,879
9	18	99 069	69 604,718	1 617 798,774	23,243	22,778
10	19	99 041	66 908,603	1 548 194,056	23,139	22,674
11	20	99 014	64 317,831	1 481 285,452	23,031	22,566
12	21	98 987	61 827,094	1 416 967,622	22,918	22,453
13	22	98 963	59 434,630	1 355 140,527	22,801	22,336
14	23	98 936	57 133,329	1 295 705,898	22,679	22,214
15	24	98 903	54 917,339	1 238 572,569	22,553	22,089
16	25	98 871	52 788,244	1 183 655,230	22,423	21,958
17	26	98 827	50 735,392	1 130 866,986	22,290	21,825
18	27	98 779	48 760,237	1 080 131,594	22,152	21,687
19	28	98 720	46 856,633	1 031 371,357	22,011	21,546
20	29	98 654	45 024,411	984 514,723	21,866	21,401
21	30	98 584	43 261,990	939 490,313	21,716	21,251
22	31	98 511	41 567,119	896 228,323	21,561	21,096
23	32	98 435	39 937,605	854 661,204	21,400	20,935
24	33	98 355	38 370,588	814 723,599	21,233	20,768
25	34	98 273	36 863,831	776 353,011	21,060	20,595
26	35	98 187	35 415,080	739 489,180	20,881	20,416
27	36	98 101	34 023,127	704 074,100	20,694	20,229
28	37	98 003	32 681,952	670 050,973	20,502	20,037
29	38	97 908	31 394,312	637 369,021	20,302	19,837
30	39	97 795	30 151,885	605 974,708	20,097	19,633
31	40	97 680	28 958,233	575 822,823	19,885	19,420
32	41	97 546	27 806,404	546 864,590	19,667	19,202
33	42	97 404	26 697,814	519 058,187	19,442	18,977
34	43	97 254	25 631,460	492 360,372	19,209	18,744
35	44	97 088	24 603,627	466 728,912	18,970	18,505
36	45	96 903	23 612,222	442 125,285	18,724	18,260
37	46	96 709	22 658,691	418 513,063	18,470	18,005
38	47	96 496	21 739,151	395 854,372	18,209	17,744
39	48	96 257	20 851,158	374 115,221	17,942	17,477
40	49	95 998	19 995,274	353 264,063	17,667	17,203
41	50	95 703	19 167,280	333 268,790	17,387	16,923
42	51	95 388	18 369,394	314 101,510	17,099	16,634
43	52	95 036	17 597,606	295 732,116	16,805	16,340
44	53	94 647	16 851,587	278 134,510	16,505	16,040
45	54	94 219	16 130,148	261 282,923	16,198	15,734
46	55	93 743	15 431,468	245 152,776	15,887	15,422
47	56	93 229	14 756,476	229 721,308	15,567	15,103
48	57	92 660	14 102,428	214 964,832	15,243	14,778
49	58	92 033	13 468,281	200 862,404	14,914	14,449
50	59	91 339	12 852,579	187 394,123	14,580	14,115
51	60	90 578	12 255,295	174 541,544	14,242	13,777
52	61	89 742	11 675,158	162 286,249	13,900	13,435
53	62	88 845	11 113,901	150 611,091	13,552	13,087
54	63	87 865	10 568,544	139 497,189	13,199	12,734
55	64	86 800	10 038,878	128 928,646	12,843	12,378
56	65	85 637	9 523,509	118 889,768	12,484	12,019
57	66	84 371	9 021,804	109 366,259	12,122	11,658
58	67	83 003	8 534,194	100 344,455	11,758	11,293
59	68	81 505	8 057,813	91 810,261	11,394	10,929
60	69	79 926	7 597,815	83 752,448	11,023	10,558
61	70	78 240	7 151,435	76 154,634	10,649	10,184
62	71	76 437	6 717,963	69 003,199	10,271	9,807
63	72	74 499	6 295,799	62 285,235	9,893	9,428
64	73	72 466	5 888,455	55 989,436	9,508	9,044
65	74	70 326	5 494,729	50 100,982	9,118	8,653
66	75	68 060	5 113,202	44 606,253	8,724	8,259
67	76	65 671	4 743,962	39 493,050	8,325	7,860
68	77	63 085	4 381,833	34 749,088	7,930	7,465
69	78	60 391	4 033,403	30 367,255	7,529	7,064
70	79	57 483	3 691,513	26 333,852	7,134	6,669
71	80	54 345	3 355,762	22 642,339	6,747	6,282
72	81	50 983	3 027,084	19 286,577	6,371	5,907
73	82	47 462	2 709,650	16 259,492	6,001	5,536
74	83	43 797	2 404,259	13 549,842	5,636	5,171
75	84	39 978	2 110,187	11 145,584	5,282	4,817
76	85	36 022	1 828,222	9 035,396	4,942	4,477
77	86	31 989	1 561,097	7 207,174	4,617	4,152
78	87	27 942	1 311,179	5 646,077	4,306	3,841
79	88	23 953	1 080,773	4 334,898	4,011	3,546
80	89	20 095	871,789	3 254,125	3,733	3,268
81	90	16 441	685,835	2 382,336	3,474	3,009
82	91	13 076	524,514	1 696,500	3,234	2,770
83	92	10 074	388,547	1 171,986	3,016	2,552
84	93	7 491	277,790	783,440	2,820	2,355
85	94	5 359	191,093	505,650	2,646	2,181
86	95	3 658	125,423	314,557	2,508	2,043
87	96	2 417	79,696	189,134	2,373	1,908
88	97	1 531	48,535	109,438	2,255	1,790
89	98	944	28,761	60,903	2,118	1,653
90	99	549	16,104	32,142	1,996	1,531
91	100	302	8,505	16,038	1,886	1,421

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 380 468,704	23,899	23,434
1	11	99 247	95 429,882	2 280 862,482	23,901	23,436
2	12	99 213	91 727,674	2 185 432,600	23,825	23,360
3	13	99 189	88 178,953	2 093 704,926	23,744	23,279
4	14	99 168	84 769,272	2 005 525,972	23,659	23,194
5	15	99 146	81 490,910	1 920 756,700	23,570	23,105
6	16	99 124	78 339,458	1 839 265,790	23,478	23,013
7	17	99 100	75 307,963	1 760 926,332	23,383	22,918
8	18	99 077	72 394,804	1 685 618,369	23,284	22,819
9	19	99 049	69 590,544	1 613 223,565	23,182	22,717
10	20	99 022	66 895,689	1 543 633,021	23,075	22,610
11	21	98 996	64 305,921	1 476 737,333	22,964	22,499
12	22	98 971	61 816,859	1 412 431,412	22,849	22,384
13	23	98 946	59 424,345	1 350 614,553	22,728	22,263
14	24	98 915	57 120,932	1 291 190,209	22,605	22,140
15	25	98 886	54 908,027	1 234 069,277	22,475	22,010
16	26	98 853	52 778,401	1 179 161,250	22,342	21,877
17	27	98 808	50 725,520	1 126 382,849	22,205	21,741
18	28	98 758	48 749,587	1 075 657,329	22,065	21,600
19	29	98 695	46 844,947	1 026 907,742	21,921	21,457
20	30	98 628	45 012,759	980 062,795	21,773	21,308
21	31	98 555	43 249,144	935 050,036	21,620	21,155
22	32	98 479	41 553,851	891 800,891	21,461	20,997
23	33	98 401	39 923,745	850 247,041	21,297	20,832
24	34	98 320	38 356,926	810 323,296	21,126	20,661
25	35	98 235	36 849,413	771 966,370	20,949	20,484
26	36	98 148	35 400,826	735 116,957	20,766	20,301
27	37	98 055	34 007,176	699 716,131	20,576	20,111
28	38	97 958	32 666,911	665 708,955	20,379	19,914
29	39	97 851	31 375,926	633 042,044	20,176	19,711
30	40	97 736	30 133,923	601 666,118	19,966	19,502
31	41	97 614	28 938,579	571 532,195	19,750	19,285
32	42	97 472	27 785,191	542 593,615	19,528	19,063
33	43	97 323	26 675,660	514 808,424	19,299	18,834
34	44	97 166	25 608,394	488 132,764	19,061	18,597
35	45	96 989	24 578,530	462 524,370	18,818	18,353
36	46	96 795	23 585,966	437 945,840	18,568	18,103
37	47	96 587	22 629,921	414 359,874	18,310	17,845
38	48	96 358	21 707,987	391 729,953	18,045	17,581
39	49	96 103	20 817,805	370 021,967	17,774	17,309
40	50	95 824	19 959,053	349 204,162	17,496	17,031
41	51	95 515	19 129,507	329 245,108	17,211	16,747
42	52	95 178	18 328,820	310 115,601	16,920	16,455
43	53	94 802	17 554,398	291 786,781	16,622	16,157
44	54	94 389	16 805,529	274 232,382	16,318	15,853
45	55	93 935	16 081,602	257 426,853	16,008	15,543
46	56	93 433	15 380,337	241 345,252	15,692	15,227
47	57	92 891	14 703,074	225 964,914	15,369	14,904
48	58	92 290	14 046,128	211 261,841	15,041	14,576
49	59	91 628	13 408,878	197 215,713	14,708	14,243
50	60	90 898	12 790,501	183 806,835	14,371	13,906
51	61	90 090	12 189,227	171 016,334	14,030	13,565
52	62	89 240	11 609,834	158 827,107	13,680	13,216
53	63	88 305	11 046,366	147 217,273	13,327	12,862
54	64	87 286	10 498,956	136 170,907	12,970	12,505
55	65	86 167	9 965,721	125 671,951	12,610	12,146
56	66	84 951	9 447,205	115 706,230	12,248	11,783
57	67	83 634	8 942,995	106 259,025	11,882	11,417
58	68	82 199	8 451,460	97 316,030	11,515	11,050
59	69	80 672	7 975,504	88 864,570	11,142	10,677
60	70	79 033	7 512,930	80 889,066	10,767	10,302
61	71	77 286	7 064,306	73 376,136	10,387	9,922
62	72	75 414	6 628,007	66 311,830	10,005	9,540
63	73	73 426	6 205,081	59 683,823	9,619	9,154
64	74	71 344	5 797,285	53 478,742	9,225	8,760
65	75	69 122	5 400,723	47 681,457	8,829	8,364
66	76	66 762	5 015,706	42 280,734	8,430	7,965
67	77	64 238	4 640,420	37 265,028	8,031	7,566
68	78	61 542	4 274,689	32 624,608	7,632	7,167
69	79	58 694	3 920,063	28 349,918	7,232	6,767
70	80	55 590	3 569,976	24 429,855	6,843	6,378
71	81	52 258	3 226,874	20 859,879	6,464	6,000
72	82	48 737	2 893,703	17 633,005	6,094	5,629
73	83	45 073	2 573,242	14 739,302	5,728	5,263
74	84	41 254	2 264,615	12 166,059	5,372	4,907
75	85	37 291	1 968,338	9 901,445	5,030	4,566
76	86	33 240	1 687,045	7 933,106	4,702	4,238
77	87	29 145	1 422,303	6 246,062	4,392	3,927
78	88	25 115	1 178,501	4 823,758	4,093	3,628
79	89	21 203	956,673	3 645,258	3,810	3,346
80	90	17 464	757,656	2 688,584	3,549	3,084
81	91	14 009	584,375	1 930,928	3,304	2,839
82	92	10 888	436,744	1 346,553	3,083	2,618
83	93	8 185	315,671	909,809	2,882	2,417
84	94	5 924	219,677	594,137	2,705	2,240
85	95	4 099	146,153	374,460	2,562	2,097
86	96	2 747	94,188	228,307	2,424	1,959
87	97	1 766	58,219	134,119	2,304	1,839
88	98	1 107	35,088	75,900	2,163	1,698
89	99	656	19,997	40,812	2,041	1,576
90	100	368	10,781	20,815	1,931	1,466

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 375 527,189	23,851	23,386
1	12	99 240	95 422,775	2 275 926,870	23,851	23,386
2	13	99 205	91 720,417	2 180 504,095	23,773	23,309
3	14	99 181	88 171,395	2 088 783,678	23,690	23,225
4	15	99 158	84 760,377	2 000 612,283	23,603	23,138
5	16	99 134	81 480,715	1 915 851,907	23,513	23,048
6	17	99 110	78 328,404	1 834 371,192	23,419	22,954
7	18	99 086	75 296,936	1 756 042,787	23,322	22,857
8	19	99 057	72 380,062	1 680 745,851	23,221	22,756
9	20	99 030	69 577,111	1 608 365,789	23,116	22,651
10	21	99 004	66 883,302	1 538 788,678	23,007	22,542
11	22	98 980	64 295,275	1 471 905,376	22,893	22,428
12	23	98 954	61 806,161	1 407 610,102	22,775	22,310
13	24	98 924	59 411,450	1 345 803,940	22,652	22,187
14	25	98 898	57 111,246	1 286 392,490	22,524	22,060
15	26	98 868	54 897,788	1 229 281,245	22,392	21,927
16	27	98 834	52 768,132	1 174 383,456	22,256	21,791
17	28	98 787	50 714,440	1 121 615,324	22,116	21,651
18	29	98 733	48 737,429	1 070 900,884	21,973	21,508
19	30	98 670	46 832,825	1 022 163,455	21,826	21,361
20	31	98 599	44 999,393	975 330,630	21,674	21,209
21	32	98 523	43 235,340	930 331,237	21,518	21,053
22	33	98 445	41 539,429	887 095,897	21,356	20,891
23	34	98 366	39 909,530	845 556,468	21,187	20,722
24	35	98 282	38 341,924	805 646,938	21,012	20,547
25	36	98 195	36 834,582	767 305,014	20,831	20,366
26	37	98 102	35 384,229	730 470,432	20,644	20,179
27	38	98 010	33 991,525	695 086,203	20,449	19,984
28	39	97 901	32 647,779	661 094,679	20,249	19,784
29	40	97 792	31 357,235	628 446,899	20,042	19,577
30	41	97 670	30 113,471	597 089,664	19,828	19,363
31	42	97 539	28 916,503	566 976,193	19,607	19,143
32	43	97 391	27 762,135	538 059,689	19,381	18,916
33	44	97 235	26 651,654	510 297,555	19,147	18,682
34	45	97 067	25 582,272	483 645,901	18,906	18,441
35	46	96 881	24 551,200	458 063,629	18,657	18,193
36	47	96 672	23 556,018	433 512,429	18,403	17,939
37	48	96 448	22 597,480	409 956,411	18,142	17,677
38	49	96 204	21 673,263	387 358,931	17,873	17,408
39	50	95 929	20 780,095	365 685,668	17,598	17,133
40	51	95 635	19 919,721	344 905,573	17,315	16,850
41	52	95 304	19 087,254	324 985,852	17,026	16,562
42	53	94 944	18 283,817	305 898,598	16,731	16,266
43	54	94 543	17 506,419	287 614,780	16,429	15,964
44	55	94 104	16 754,950	270 108,361	16,121	15,656
45	56	93 624	16 028,317	253 353,410	15,807	15,342
46	57	93 095	15 324,678	237 325,093	15,486	15,022
47	58	92 520	14 644,375	222 000,415	15,159	14,695
48	59	91 883	13 984,176	207 356,041	14,828	14,363
49	60	91 185	13 344,113	193 371,864	14,491	14,026
50	61	90 408	12 721,547	180 027,751	14,151	13,687
51	62	89 586	12 121,027	167 306,204	13,803	13,338
52	63	88 698	11 539,286	155 185,177	13,448	12,984
53	64	87 724	10 973,632	143 645,891	13,090	12,625
54	65	86 650	10 422,446	132 672,259	12,729	12,265
55	66	85 477	9 885,874	122 249,813	12,366	11,901
56	67	84 209	9 364,679	112 363,939	11,999	11,534
57	68	82 823	8 856,298	102 999,259	11,630	11,165
58	69	81 359	8 365,130	94 142,961	11,254	10,789
59	70	79 771	7 886,400	85 777,831	10,877	10,412
60	71	78 070	7 421,396	77 891,431	10,496	10,031
61	72	76 252	6 969,712	70 470,035	10,111	9,646
62	73	74 327	6 532,502	63 500,323	9,721	9,256
63	74	72 289	6 109,009	56 967,821	9,325	8,860
64	75	70 124	5 698,103	50 858,812	8,926	8,461
65	76	67 804	5 297,744	45 160,709	8,525	8,060
66	77	65 305	4 906,233	39 862,964	8,125	7,660
67	78	62 667	4 526,953	34 956,731	7,722	7,257
68	79	59 813	4 154,570	30 429,778	7,324	6,860
69	80	56 762	3 791,002	26 275,209	6,931	6,466
70	81	53 455	3 432,860	22 484,207	6,550	6,085
71	82	49 955	3 084,690	19 051,346	6,176	5,711
72	83	46 283	2 748,029	15 966,656	5,810	5,345
73	84	42 455	2 423,783	13 218,627	5,454	4,989
74	85	38 480	2 112,385	10 794,843	5,110	4,645
75	86	34 411	1 816,341	8 682,458	4,780	4,315
76	87	30 285	1 537,053	6 866,118	4,467	4,002
77	88	26 196	1 278,380	5 329,064	4,169	3,704
78	89	22 231	1 043,179	4 050,684	3,883	3,418
79	90	18 427	831,427	3 007,504	3,617	3,152
80	91	14 880	645,571	2 176,077	3,371	2,906
81	92	11 664	486,589	1 530,506	3,145	2,681
82	93	8 846	354,829	1 043,917	2,942	2,477
83	94	6 472	249,633	689,088	2,760	2,296
84	95	4 531	168,015	439,455	2,616	2,151
85	96	3 078	109,756	271,440	2,473	2,008
86	97	2 007	68,806	161,684	2,350	1,885
87	98	1 277	42,089	92,878	2,207	1,742
88	99	770	24,396	50,789	2,082	1,617
89	100	439	13,387	26,393	1,971	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 370 281,222	23,800	23,335
1	13	99 232	95 415,225	2 270 688,321	23,798	23,333
2	14	99 196	91 712,555	2 175 273,096	23,718	23,254
3	15	99 170	88 162,142	2 083 560,541	23,633	23,168
4	16	99 145	84 749,773	1 995 398,398	23,545	23,080
5	17	99 120	81 469,218	1 910 648,625	23,452	22,988
6	18	99 096	78 316,936	1 829 179,408	23,356	22,891
7	19	99 065	75 281,603	1 750 862,472	23,258	22,793
8	20	99 038	72 366,091	1 675 580,869	23,154	22,689
9	21	99 012	69 564,228	1 603 214,778	23,047	22,582
10	22	98 987	66 872,229	1 533 650,551	22,934	22,469
11	23	98 962	64 284,149	1 466 778,322	22,817	22,352
12	24	98 932	61 792,750	1 402 494,174	22,697	22,232
13	25	98 908	59 401,376	1 340 701,423	22,570	22,105
14	26	98 880	57 100,597	1 281 300,047	22,439	21,975
15	27	98 849	54 887,107	1 224 199,451	22,304	21,839
16	28	98 812	52 756,606	1 169 312,344	22,164	21,699
17	29	98 762	50 701,792	1 116 555,738	22,022	21,557
18	30	98 708	48 724,816	1 065 853,946	21,875	21,410
19	31	98 640	46 818,919	1 017 129,129	21,725	21,260
20	32	98 568	44 985,030	970 310,211	21,570	21,105
21	33	98 489	43 220,335	925 325,181	21,409	20,945
22	34	98 410	41 524,639	882 104,846	21,243	20,778
23	35	98 327	39 893,921	840 580,206	21,070	20,606
24	36	98 242	38 326,492	800 686,286	20,891	20,426
25	37	98 149	36 817,312	762 359,794	20,707	20,242
26	38	98 057	35 367,944	725 542,482	20,514	20,049
27	39	97 953	33 971,617	690 174,538	20,316	19,851
28	40	97 843	32 628,331	656 202,920	20,111	19,647
29	41	97 726	31 335,953	623 574,589	19,900	19,435
30	42	97 595	30 090,499	592 238,636	19,682	19,217
31	43	97 458	28 892,508	562 148,137	19,457	18,992
32	44	97 304	27 737,151	533 255,629	19,225	18,760
33	45	97 136	26 624,468	505 518,479	18,987	18,522
34	46	96 959	25 553,826	478 894,011	18,741	18,276
35	47	96 758	24 520,027	453 340,185	18,489	18,024
36	48	96 534	23 522,250	428 820,158	18,230	17,766
37	49	96 294	22 561,333	405 297,909	17,964	17,499
38	50	96 029	21 634,003	382 736,575	17,691	17,227
39	51	95 739	20 739,144	361 102,572	17,412	16,947
40	52	95 424	19 875,723	340 363,428	17,125	16,660
41	53	95 070	19 040,389	320 487,705	16,832	16,367
42	54	94 684	18 233,845	301 447,316	16,532	16,067
43	55	94 259	17 453,732	283 213,471	16,227	15,762
44	56	93 793	16 699,435	265 759,739	15,914	15,449
45	57	93 285	15 970,312	249 060,304	15,595	15,130
46	58	92 723	15 263,497	233 089,992	15,271	14,806
47	59	92 112	14 579,785	217 826,495	14,940	14,475
48	60	91 440	13 916,633	203 246,710	14,605	14,140
49	61	90 693	13 272,175	189 330,077	14,265	13,800
50	62	89 902	12 650,369	176 057,902	13,917	13,452
51	63	89 042	12 047,372	163 407,533	13,564	13,099
52	64	88 114	11 463,306	151 360,161	13,204	12,739
53	65	87 085	10 893,663	139 896,855	12,842	12,377
54	66	85 956	10 338,940	129 003,192	12,477	12,013
55	67	84 730	9 799,517	118 664,252	12,109	11,644
56	68	83 393	9 273,894	108 864,735	11,739	11,274
57	69	81 977	8 765,833	99 590,840	11,361	10,896
58	70	80 450	8 271,673	90 825,008	10,980	10,515
59	71	78 799	7 790,316	82 553,335	10,597	10,132
60	72	77 025	7 322,021	74 763,019	10,211	9,746
61	73	75 153	6 869,283	67 440,997	9,818	9,353
62	74	73 176	6 431,361	60 571,714	9,418	8,953
63	75	71 052	6 004,494	54 140,353	9,017	8,552
64	76	68 786	5 589,454	48 135,860	8,612	8,147
65	77	66 325	5 182,115	42 546,405	8,210	7,745
66	78	63 708	4 786,266	37 364,290	7,807	7,342
67	79	60 906	4 399,745	32 578,024	7,405	6,940
68	80	57 843	4 017,787	28 178,279	7,013	6,549
69	81	54 581	3 645,397	24 160,492	6,628	6,163
70	82	51 100	3 281,600	20 515,094	6,252	5,787
71	83	47 440	2 929,402	17 233,495	5,883	5,418
72	84	43 595	2 588,419	14 304,093	5,526	5,061
73	85	39 601	2 260,854	11 715,674	5,182	4,717
74	86	35 509	1 949,264	9 454,820	4,850	4,386
75	87	31 352	1 654,854	7 505,556	4,535	4,071
76	88	27 220	1 381,519	5 850,702	4,235	3,770
77	89	23 188	1 131,590	4 469,183	3,949	3,485
78	90	19 321	906,608	3 337,592	3,681	3,217
79	91	15 701	708,429	2 430,984	3,432	2,967
80	92	12 390	537,544	1 722,555	3,204	2,740
81	93	9 477	395,325	1 185,011	2,998	2,533
82	94	6 996	280,600	789,686	2,814	2,349
83	95	4 950	190,927	509,087	2,666	2,202
84	96	3 402	126,174	318,160	2,522	2,057
85	97	2 248	80,178	191,987	2,394	1,930
86	98	1 451	49,743	111,808	2,248	1,783
87	99	888	29,263	62,065	2,121	1,656
88	100	515	16,332	32,802	2,008	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 364 721,921	23,746	23,281
1	14	99 223	95 407,046	2 265 136,899	23,742	23,277
2	15	99 186	91 702,931	2 169 729,853	23,660	23,196
3	16	99 158	88 151,113	2 078 026,922	23,573	23,109
4	17	99 131	84 737,815	1 989 875,809	23,483	23,018
5	18	99 105	81 457,289	1 905 137,994	23,388	22,923
6	19	99 076	78 300,987	1 823 680,705	23,291	22,826
7	20	99 046	75 267,072	1 745 379,718	23,189	22,724
8	21	99 020	72 352,691	1 670 112,646	23,083	22,618
9	22	98 995	69 552,711	1 597 759,955	22,972	22,507
10	23	98 970	66 860,657	1 528 207,245	22,857	22,392
11	24	98 941	64 270,200	1 461 346,588	22,738	22,273
12	25	98 915	61 782,272	1 397 076,388	22,613	22,148
13	26	98 889	59 390,300	1 335 294,116	22,483	22,019
14	27	98 861	57 089,486	1 275 903,816	22,349	21,884
15	28	98 827	54 875,118	1 218 814,330	22,211	21,746
16	29	98 787	52 743,449	1 163 939,212	22,068	21,603
17	30	98 736	50 688,672	1 111 195,763	21,922	21,457
18	31	98 678	48 710,348	1 060 507,092	21,772	21,307
19	32	98 609	46 803,974	1 011 796,743	21,618	21,153
20	33	98 534	44 969,418	964 992,769	21,459	20,994
21	34	98 454	43 204,946	920 023,351	21,294	20,830
22	35	98 372	41 508,399	876 818,405	21,124	20,659
23	36	98 288	39 877,864	835 310,006	20,947	20,482
24	37	98 196	38 308,523	795 432,142	20,764	20,299
25	38	98 104	36 800,368	757 123,619	20,574	20,109
26	39	97 999	35 347,230	720 323,251	20,378	19,914
27	40	97 894	33 951,380	684 976,021	20,175	19,710
28	41	97 776	32 606,186	651 024,641	19,966	19,501
29	42	97 651	31 312,048	618 418,454	19,750	19,285
30	43	97 514	30 065,530	587 106,406	19,528	19,063
31	44	97 371	28 866,507	557 040,877	19,297	18,832
32	45	97 204	27 708,858	528 174,370	19,062	18,597
33	46	97 028	26 594,863	500 465,512	18,818	18,353
34	47	96 836	25 521,379	473 870,649	18,568	18,103
35	48	96 619	24 484,876	448 349,270	18,311	17,846
36	49	96 379	23 484,624	423 864,394	18,049	17,584
37	50	96 119	22 520,465	400 379,770	17,778	17,314
38	51	95 840	21 591,370	377 859,305	17,500	17,036
39	52	95 528	20 693,336	356 267,936	17,217	16,752
40	53	95 189	19 826,922	335 574,600	16,925	16,460
41	54	94 810	18 988,349	315 747,678	16,628	16,164
42	55	94 399	18 178,968	296 759,329	16,324	15,860
43	56	93 946	17 395,901	278 580,361	16,014	15,549
44	57	93 453	16 639,001	261 184,460	15,697	15,232
45	58	92 913	15 906,555	244 545,459	15,374	14,909
46	59	92 314	15 196,177	228 638,904	15,046	14,581
47	60	91 667	14 509,365	213 442,727	14,711	14,246
48	61	90 947	13 841,608	198 933,363	14,372	13,907
49	62	90 186	13 197,916	185 091,755	14,024	13,559
50	63	89 356	12 573,497	171 893,839	13,671	13,206
51	64	88 455	11 968,047	159 320,342	13,312	12,847
52	65	87 472	11 379,769	147 352,295	12,949	12,484
53	66	86 387	10 806,382	135 972,526	12,583	12,118
54	67	85 205	10 248,625	125 166,145	12,213	11,748
55	68	83 909	9 704,516	114 917,520	11,842	11,377
56	69	82 541	9 179,164	105 213,003	11,462	10,997
57	70	81 061	8 667,899	96 033,840	11,079	10,614
58	71	79 470	8 170,895	87 365,940	10,692	10,228
59	72	77 744	7 686,001	79 195,045	10,304	9,839
60	73	75 915	7 216,516	71 509,045	9,909	9,444
61	74	73 989	6 762,928	64 292,529	9,507	9,042
62	75	71 924	6 321,331	57 529,601	9,101	8,636
63	76	69 697	5 890,003	51 208,271	8,694	8,229
64	77	67 285	5 467,458	45 318,268	8,289	7,824
65	78	64 703	5 055,403	39 850,809	7,883	7,418
66	79	61 918	4 651,771	34 795,406	7,480	7,015
67	80	58 901	4 254,891	30 143,635	7,084	6,620
68	81	55 622	3 863,472	25 888,745	6,701	6,236
69	82	52 176	3 484,772	22 025,272	6,320	5,856
70	83	48 527	3 116,399	18 540,501	5,949	5,485
71	84	44 685	2 759,257	15 424,102	5,590	5,125
72	85	40 664	2 414,423	12 664,845	5,245	4,781
73	86	36 543	2 086,268	10 250,422	4,913	4,448
74	87	32 352	1 775,959	8 164,154	4,597	4,132
75	88	28 179	1 487,399	6 388,195	4,295	3,830
76	89	24 095	1 222,886	4 900,795	4,008	3,543
77	90	20 152	983,445	3 677,909	3,740	3,275
78	91	16 462	772,487	2 694,465	3,488	3,023
79	92	13 074	589,884	1 921,977	3,258	2,793
80	93	10 066	436,723	1 332,094	3,050	2,585
81	94	7 494	312,624	895,370	2,864	2,399
82	95	5 350	214,610	582,747	2,715	2,251
83	96	3 718	143,379	368,136	2,568	2,103
84	97	2 485	92,172	224,757	2,438	1,974
85	98	1 626	57,965	132,585	2,287	1,823
86	99	1 009	34,585	74,621	2,158	1,693
87	100	594	19,591	40,036	2,044	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 358 839,197	23,689	23,224
1	15	99 213	95 397,035	2 259 262,712	23,683	23,218
2	16	99 173	91 691,459	2 163 865,677	23,599	23,135
3	17	99 144	88 138,675	2 072 174,219	23,510	23,046
4	18	99 117	84 725,407	1 984 035,544	23,417	22,952
5	19	99 085	81 440,701	1 899 310,136	23,321	22,857
6	20	99 057	78 285,873	1 817 869,435	23,221	22,756
7	21	99 028	75 253,135	1 739 583,562	23,116	22,652
8	22	99 003	72 340,712	1 664 330,427	23,007	22,542
9	23	98 978	69 540,675	1 591 989,715	22,893	22,428
10	24	98 949	66 846,149	1 522 449,040	22,775	22,311
11	25	98 924	64 259,302	1 455 602,891	22,652	22,187
12	26	98 897	61 770,752	1 391 343,590	22,524	22,059
13	27	98 870	59 378,744	1 329 572,838	22,391	21,927
14	28	98 839	57 077,016	1 270 194,093	22,254	21,789
15	29	98 802	54 861,432	1 213 117,077	22,112	21,648
16	30	98 762	52 729,800	1 158 255,645	21,966	21,501
17	31	98 707	50 673,620	1 105 525,845	21,817	21,352
18	32	98 647	48 694,800	1 054 852,225	21,663	21,198
19	33	98 575	46 787,731	1 006 157,424	21,505	21,040
20	34	98 498	44 953,407	959 369,693	21,341	20,877
21	35	98 416	43 188,048	914 416,286	21,173	20,708
22	36	98 332	41 491,692	871 228,238	20,998	20,533
23	37	98 242	39 859,168	829 736,546	20,817	20,352
24	38	98 151	38 290,892	789 877,378	20,628	20,164
25	39	98 046	36 778,815	751 586,486	20,435	19,970
26	40	97 941	35 326,174	714 807,671	20,235	19,770
27	41	97 828	33 928,338	679 481,497	20,027	19,562
28	42	97 702	32 581,312	645 553,159	19,814	19,349
29	43	97 570	31 286,065	612 971,847	19,592	19,128
30	44	97 427	30 038,473	581 685,782	19,365	18,900
31	45	97 271	28 837,062	551 647,309	19,130	18,665
32	46	97 096	27 678,047	522 810,248	18,889	18,424
33	47	96 905	26 561,095	495 132,201	18,641	18,176
34	48	96 697	25 484,793	468 571,107	18,386	17,921
35	49	96 465	24 445,711	443 086,313	18,125	17,660
36	50	96 205	23 442,083	418 640,603	17,859	17,394
37	51	95 930	22 476,084	395 198,520	17,583	17,118
38	52	95 628	21 543,679	372 722,435	17,301	16,836
39	53	95 293	20 642,528	351 178,756	17,012	16,548
40	54	94 929	19 772,732	330 536,229	16,717	16,252
41	55	94 525	18 931,201	310 763,497	16,415	15,951
42	56	94 087	18 118,734	291 832,295	16,107	15,642
43	57	93 606	17 332,947	273 713,561	15,792	15,327
44	58	93 080	16 572,574	256 380,615	15,470	15,005
45	59	92 503	15 836,398	239 808,041	15,143	14,678
46	60	91 868	15 122,779	223 971,643	14,810	14,345
47	61	91 173	14 431,144	208 848,864	14,472	14,007
48	62	90 438	13 764,163	194 417,720	14,125	13,660
49	63	89 638	13 117,717	180 653,557	13,772	13,307
50	64	88 768	12 490,708	167 535,840	13,413	12,948
51	65	87 811	11 880,832	155 045,132	13,050	12,585
52	66	86 771	11 288,593	143 164,301	12,682	12,217
53	67	85 632	10 711,983	131 875,708	12,311	11,846
54	68	84 379	10 149,271	121 163,725	11,938	11,473
55	69	83 052	9 605,387	111 014,454	11,558	11,093
56	70	81 619	9 076,612	101 409,067	11,173	10,708
57	71	80 074	8 562,294	92 332,455	10,784	10,319
58	72	78 406	8 061,484	83 770,161	10,391	9,927
59	73	76 624	7 575,251	75 708,678	9,994	9,529
60	74	74 740	7 104,784	68 133,427	9,590	9,125
61	75	72 723	6 647,225	61 028,643	9,181	8,716
62	76	70 553	6 200,798	54 381,418	8,770	8,305
63	77	68 176	5 761,447	48 180,620	8,363	7,898
64	78	65 640	5 333,769	42 419,172	7,953	7,488
65	79	62 885	4 913,345	37 085,404	7,548	7,083
66	80	59 880	4 498,619	32 172,059	7,152	6,687
67	81	56 639	4 091,469	27 673,439	6,764	6,299
68	82	53 171	3 693,238	23 581,970	6,385	5,920
69	83	49 550	3 309,343	19 888,733	6,010	5,545
70	84	45 709	2 935,392	16 579,390	5,648	5,183
71	85	41 681	2 573,777	13 643,997	5,301	4,836
72	86	37 524	2 227,978	11 070,220	4,969	4,504
73	87	33 294	1 900,783	8 842,243	4,652	4,187
74	88	29 078	1 596,250	6 941,460	4,349	3,884
75	89	24 943	1 316,609	5 345,210	4,060	3,595
76	90	20 940	1 062,788	4 028,601	3,791	3,326
77	91	17 171	837,957	2 965,813	3,539	3,075
78	92	13 708	643,223	2 127,856	3,308	2,843
79	93	10 622	479,246	1 484,633	3,098	2,633
80	94	7 961	345,362	1 005,387	2,911	2,446
81	95	5 732	239,103	660,025	2,760	2,296
82	96	4 018	161,165	420,922	2,612	2,147
83	97	2 716	104,741	259,757	2,480	2,015
84	98	1 797	66,635	155,016	2,326	1,862
85	99	1 130	40,301	88,381	2,193	1,728
86	100	675	23,153	48,080	2,077	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 352 622,946	23,629	23,164
1	16	99 201	95 385,100	2 253 056,910	23,621	23,156
2	17	99 159	91 678,521	2 157 671,810	23,535	23,070
3	18	99 130	88 125,770	2 065 993,289	23,444	22,979
4	19	99 097	84 708,154	1 977 867,520	23,349	22,884
5	20	99 066	81 424,981	1 893 159,366	23,250	22,786
6	21	99 038	78 271,377	1 811 734,384	23,147	22,682
7	22	99 012	75 240,676	1 733 463,007	23,039	22,574
8	23	98 986	72 328,194	1 658 222,332	22,926	22,462
9	24	98 957	69 525,586	1 585 894,138	22,810	22,345
10	25	98 932	66 834,814	1 516 368,552	22,688	22,223
11	26	98 906	64 247,320	1 449 533,738	22,562	22,097
12	27	98 878	61 758,733	1 385 286,419	22,431	21,966
13	28	98 848	59 365,774	1 323 527,685	22,294	21,830
14	29	98 814	57 062,782	1 264 161,911	22,154	21,689
15	30	98 777	54 847,235	1 207 099,130	22,008	21,544
16	31	98 733	52 714,143	1 152 251,894	21,858	21,394
17	32	98 676	50 657,446	1 099 537,752	21,705	21,241
18	33	98 612	48 677,901	1 048 880,306	21,547	21,083
19	34	98 540	46 771,073	1 000 202,405	21,385	20,920
20	35	98 460	44 935,825	953 431,332	21,218	20,753
21	36	98 376	43 170,666	908 495,508	21,044	20,579
22	37	98 286	41 472,239	865 324,842	20,865	20,400
23	38	98 196	39 840,823	823 852,603	20,679	20,214
24	39	98 094	38 268,467	784 011,780	20,487	20,022
25	40	97 988	36 756,906	745 743,313	20,289	19,824
26	41	97 874	35 302,198	708 986,407	20,083	19,619
27	42	97 753	33 902,455	673 684,209	19,871	19,406
28	43	97 621	32 554,276	639 781,754	19,653	19,188
29	44	97 483	31 257,910	607 227,478	19,426	18,962
30	45	97 327	30 007,832	575 969,568	19,194	18,729
31	46	97 163	28 804,996	545 961,736	18,954	18,489
32	47	96 973	27 642,903	517 156,740	18,708	18,244
33	48	96 766	26 523,018	489 513,837	18,456	17,991
34	49	96 543	25 444,028	462 990,819	18,196	17,732
35	50	96 290	24 401,428	437 546,790	17,931	17,466
36	51	96 015	23 395,886	413 145,362	17,659	17,194
37	52	95 718	22 426,440	389 749,475	17,379	16,914
38	53	95 394	21 490,783	367 323,036	17,092	16,627
39	54	95 033	20 586,109	345 832,253	16,799	16,334
40	55	94 644	19 713,223	325 246,144	16,499	16,034
41	56	94 211	18 868,475	305 532,921	16,193	15,728
42	57	93 746	18 053,164	286 664,446	15,879	15,414
43	58	93 233	17 263,749	268 611,282	15,559	15,094
44	59	92 670	16 499,480	251 347,533	15,234	14,769
45	60	92 056	15 759,908	234 848,053	14,902	14,437
46	61	91 373	15 041,252	219 088,146	14,566	14,101
47	62	90 663	14 350,400	204 046,894	14,219	13,754
48	63	89 888	13 680,523	189 696,493	13,866	13,401
49	64	89 048	13 031,344	176 015,970	13,507	13,042
50	65	88 121	12 399,684	162 984,626	13,144	12,679
51	66	87 107	11 785,640	150 584,942	12,777	12,312
52	67	86 013	11 189,982	138 799,302	12,404	11,939
53	68	84 802	10 608,137	127 609,320	12,029	11,565
54	69	83 517	10 045,598	117 001,183	11,647	11,182
55	70	82 124	9 498,074	106 955,585	11,261	10,796
56	71	80 625	8 966,027	97 457,511	10,870	10,405
57	72	79 002	8 447,641	88 491,484	10,475	10,010
58	73	77 276	7 945,323	80 043,843	10,074	9,610
59	74	75 438	7 457,965	72 098,519	9,667	9,202
60	75	73 461	6 983,233	64 640,554	9,257	8,792
61	76	71 337	6 520,479	57 657,322	8,842	8,378
62	77	69 013	6 065,459	51 136,843	8,431	7,966
63	78	66 509	5 620,569	45 071,384	8,019	7,554
64	79	63 795	5 183,888	39 450,815	7,610	7,145
65	80	60 814	4 751,581	34 266,927	7,212	6,747
66	81	57 580	4 325,837	29 515,345	6,823	6,358
67	82	54 143	3 911,188	25 189,509	6,440	5,976
68	83	50 494	3 507,315	21 278,320	6,067	5,602
69	84	46 672	3 117,130	17 771,006	5,701	5,236
70	85	42 636	2 738,073	14 653,876	5,352	4,887
71	86	38 462	2 375,026	11 915,803	5,017	4,552
72	87	34 188	2 029,894	9 540,777	4,700	4,235
73	88	29 925	1 708,443	7 510,883	4,396	3,932
74	89	25 739	1 412,961	5 802,441	4,107	3,642
75	90	21 678	1 144,241	4 389,480	3,836	3,371
76	91	17 842	905,562	3 245,239	3,584	3,119
77	92	14 297	697,737	2 339,677	3,353	2,888
78	93	11 137	522,581	1 641,940	3,142	2,677
79	94	8 400	378,989	1 119,358	2,954	2,489
80	95	6 088	264,142	740,370	2,803	2,338
81	96	4 304	179,558	476,228	2,652	2,187
82	97	2 935	117,733	296,669	2,520	2,055
83	98	1 963	75,722	178,936	2,363	1,898
84	99	1 249	46,329	103,214	2,228	1,763
85	100	757	26,980	56,885	2,108	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 346 064,097	23,566	23,101
1	17	99 187	95 371,641	2 246 510,517	23,555	23,091
2	18	99 145	91 665,097	2 151 138,876	23,467	23,003
3	19	99 109	88 107,824	2 059 473,779	23,374	22,910
4	20	99 077	84 691,803	1 971 365,955	23,277	22,812
5	21	99 048	81 409,904	1 886 674,152	23,175	22,710
6	22	99 022	78 258,419	1 805 264,248	23,068	22,603
7	23	98 994	75 227,656	1 727 005,829	22,957	22,492
8	24	98 965	72 312,500	1 651 778,174	22,842	22,377
9	25	98 940	69 513,796	1 579 465,674	22,722	22,257
10	26	98 913	66 822,352	1 509 951,878	22,597	22,132
11	27	98 887	64 234,819	1 443 129,526	22,466	22,002
12	28	98 856	61 745,243	1 378 894,707	22,332	21,867
13	29	98 824	59 350,969	1 317 149,464	22,193	21,728
14	30	98 789	57 048,015	1 257 798,495	22,048	21,583
15	31	98 747	54 830,949	1 200 750,480	21,899	21,434
16	32	98 701	52 697,316	1 145 919,531	21,745	21,280
17	33	98 641	50 639,865	1 093 222,214	21,588	21,123
18	34	98 577	48 660,569	1 042 582,349	21,426	20,961
19	35	98 501	46 752,780	993 921,780	21,259	20,794
20	36	98 420	44 917,739	947 169,000	21,087	20,622
21	37	98 330	43 150,425	902 251,261	20,909	20,445
22	38	98 241	41 453,152	859 100,836	20,725	20,260
23	39	98 139	39 817,490	817 647,684	20,535	20,070
24	40	98 035	38 245,670	777 830,193	20,338	19,873
25	41	97 921	36 731,959	739 584,523	20,135	19,670
26	42	97 800	35 275,267	702 852,564	19,925	19,460
27	43	97 672	33 874,322	667 577,297	19,707	19,243
28	44	97 533	32 524,979	633 702,974	19,484	19,019
29	45	97 383	31 226,025	601 177,995	19,252	18,788
30	46	97 219	29 974,465	569 951,970	19,015	18,550
31	47	97 040	28 768,422	539 977,505	18,770	18,305
32	48	96 834	27 603,276	511 209,083	18,520	18,055
33	49	96 611	26 480,592	483 605,807	18,263	17,798
34	50	96 368	25 397,938	457 125,215	17,999	17,534
35	51	96 100	24 353,341	431 727,277	17,728	17,263
36	52	95 803	23 344,210	407 373,936	17,451	16,986
37	53	95 483	22 371,376	384 029,726	17,166	16,701
38	54	95 133	21 432,046	361 658,350	16,875	16,410
39	55	94 747	20 524,152	340 226,304	16,577	16,112
40	56	94 330	19 647,906	319 702,152	16,272	15,807
41	57	93 871	18 800,192	300 054,247	15,960	15,495
42	58	93 372	17 981,091	281 254,055	15,642	15,177
43	59	92 822	17 187,606	263 272,964	15,318	14,853
44	60	92 222	16 419,787	246 085,357	14,987	14,522
45	61	91 560	15 674,946	229 665,570	14,652	14,187
46	62	90 862	14 957,095	213 990,624	14,307	13,842
47	63	90 112	14 263,198	199 033,530	13,954	13,490
48	64	89 296	13 590,445	184 770,332	13,596	13,131
49	65	88 399	12 936,380	171 179,887	13,232	12,768
50	66	87 415	12 300,335	158 243,507	12,865	12,400
51	67	86 346	11 682,688	145 943,171	12,492	12,027
52	68	85 179	11 081,502	134 260,483	12,116	11,651
53	69	83 936	10 499,777	123 178,982	11,732	11,267
54	70	82 584	9 933,367	112 679,204	11,344	10,879
55	71	81 123	9 382,354	102 745,838	10,951	10,486
56	72	79 545	8 845,969	93 363,484	10,554	10,090
57	73	77 863	8 325,917	84 517,515	10,151	9,686
58	74	76 080	7 822,308	76 191,599	9,740	9,275
59	75	74 147	7 330,371	68 369,291	9,327	8,862
60	76	72 060	6 850,080	61 038,920	8,911	8,446
61	77	69 780	6 378,162	54 188,840	8,496	8,031
62	78	67 325	5 917,147	47 810,678	8,080	7,615
63	79	64 640	5 462,630	41 893,531	7,669	7,204
64	80	61 695	5 013,218	36 430,901	7,267	6,802
65	81	58 478	4 569,083	31 417,683	6,876	6,411
66	82	55 043	4 135,229	26 848,601	6,493	6,028
67	83	51 417	3 714,293	22 713,372	6,115	5,650
68	84	47 561	3 303,603	18 999,079	5,751	5,286
69	85	43 535	2 907,594	15 695,476	5,398	4,933
70	86	39 344	2 526,635	12 787,882	5,061	4,596
71	87	35 043	2 163,868	10 261,247	4,742	4,277
72	88	30 729	1 824,489	8 097,379	4,438	3,973
73	89	26 489	1 512,271	6 272,890	4,148	3,683
74	90	22 370	1 227,978	4 760,620	3,877	3,412
75	91	18 471	974,965	3 532,641	3,623	3,159
76	92	14 857	754,030	2 557,676	3,392	2,927
77	93	11 616	566,871	1 803,646	3,182	2,717
78	94	8 807	413,258	1 236,775	2,993	2,528
79	95	6 424	289,861	823,517	2,841	2,376
80	96	4 572	198,362	533,656	2,690	2,225
81	97	3 144	131,170	335,294	2,556	2,091
82	98	2 122	85,115	204,124	2,398	1,933
83	99	1 365	52,647	119,009	2,261	1,796
84	100	836	31,016	66,362	2,140	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 339 153,408	23,500	23,035
1	18	99 172	95 357,677	2 239 613,875	23,486	23,022
2	19	99 125	91 646,431	2 144 256,198	23,397	22,932
3	20	99 090	88 090,817	2 052 609,768	23,301	22,836
4	21	99 059	84 676,121	1 964 518,951	23,200	22,736
5	22	99 031	81 396,426	1 879 842,830	23,095	22,630
6	23	99 005	78 244,876	1 798 446,404	22,985	22,520
7	24	98 973	75 211,332	1 720 201,528	22,872	22,407
8	25	98 948	72 300,238	1 644 990,196	22,752	22,287
9	26	98 921	69 500,835	1 572 689,958	22,628	22,164
10	27	98 894	66 809,350	1 503 189,123	22,500	22,035
11	28	98 865	64 220,788	1 436 379,774	22,366	21,901
12	29	98 831	61 729,845	1 372 158,985	22,228	21,764
13	30	98 798	59 335,610	1 310 429,141	22,085	21,620
14	31	98 759	57 031,075	1 251 093,531	21,937	21,472
15	32	98 716	54 813,448	1 194 062,456	21,784	21,319
16	33	98 667	52 679,028	1 139 249,008	21,626	21,161
17	34	98 606	50 621,835	1 086 569,980	21,464	21,000
18	35	98 539	48 641,537	1 035 948,145	21,298	20,833
19	36	98 461	46 733,962	987 306,607	21,126	20,661
20	37	98 374	44 896,679	940 572,645	20,950	20,485
21	38	98 285	43 130,567	895 675,966	20,767	20,302
22	39	98 183	41 428,875	852 545,399	20,579	20,114
23	40	98 080	39 793,771	811 116,524	20,383	19,918
24	41	97 969	38 219,713	771 322,754	20,181	19,716
25	42	97 847	36 703,938	733 103,041	19,973	19,509
26	43	97 718	35 245,996	696 399,103	19,758	19,293
27	44	97 584	33 843,838	661 153,107	19,535	19,071
28	45	97 433	32 491,803	627 309,269	19,307	18,842
29	46	97 275	31 191,303	594 817,467	19,070	18,605
30	47	97 096	29 936,405	563 626,163	18,827	18,363
31	48	96 901	28 727,181	533 689,758	18,578	18,113
32	49	96 679	27 559,122	504 962,577	18,323	17,858
33	50	96 436	26 432,624	477 403,455	18,061	17,596
34	51	96 178	25 347,887	450 970,831	17,791	17,326
35	52	95 888	24 299,550	425 622,944	17,516	17,051
36	53	95 568	23 286,893	401 323,394	17,234	16,769
37	54	95 222	22 310,232	378 036,501	16,945	16,480
38	55	94 847	21 367,543	355 726,269	16,648	16,183
39	56	94 433	20 456,147	334 358,726	16,345	15,880
40	57	93 989	19 576,802	313 902,579	16,034	15,570
41	58	93 496	18 725,136	294 325,776	15,718	15,253
42	59	92 960	17 901,784	275 600,640	15,395	14,930
43	60	92 373	17 104,590	257 698,856	15,066	14,601
44	61	91 725	16 331,268	240 594,266	14,732	14,267
45	62	91 048	15 587,243	224 262,998	14,388	13,923
46	63	90 310	14 866,206	208 675,755	14,037	13,572
47	64	89 519	14 169,284	193 809,549	13,678	13,213
48	65	88 646	13 491,406	179 640,266	13,315	12,850
49	66	87 691	12 832,732	166 148,860	12,947	12,482

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	67	86 651	12 192,887	153 316,128	12,574	12,109
51	68	85 509	11 569,431	141 123,241	12,198	11,733
52	69	84 309	10 968,307	129 553,810	11,812	11,347
53	70	82 998	10 382,472	118 585,503	11,422	10,957
54	71	81 578	9 812,343	108 203,031	11,027	10,562
55	72	80 037	9 256,721	98 390,688	10,629	10,164
56	73	78 399	8 718,504	89 133,968	10,224	9,759
57	74	76 658	8 197,009	80 415,463	9,810	9,346
58	75	74 778	7 688,480	72 218,455	9,393	8,928
59	76	72 733	7 190,599	64 529,974	8,974	8,509
60	77	70 487	6 700,569	57 339,375	8,557	8,093
61	78	68 073	6 222,204	50 638,806	8,138	7,674
62	79	65 434	5 750,874	44 416,602	7,723	7,259
63	80	62 512	5 282,782	38 665,728	7,319	6,854
64	81	59 325	4 820,670	33 382,946	6,925	6,460
65	82	55 902	4 367,757	28 562,276	6,539	6,075
66	83	52 272	3 927,055	24 194,519	6,161	5,696
67	84	48 431	3 498,560	20 267,463	5,793	5,328
68	85	44 364	3 081,532	16 768,904	5,442	4,977
69	86	40 173	2 683,065	13 687,372	5,101	4,637
70	87	35 846	2 301,998	11 004,307	4,780	4,316
71	88	31 497	1 944,906	8 702,309	4,474	4,010
72	89	27 200	1 614,991	6 757,402	4,184	3,719
73	90	23 021	1 314,287	5 142,411	3,913	3,448
74	91	19 060	1 046,315	3 828,124	3,659	3,194
75	92	15 380	811,819	2 781,809	3,427	2,962
76	93	12 070	612,605	1 969,990	3,216	2,751
77	94	9 186	448,282	1 357,384	3,028	2,563
78	95	6 736	316,071	909,102	2,876	2,411
79	96	4 824	217,676	593,030	2,724	2,260
80	97	3 340	144,906	375,355	2,590	2,126
81	98	2 273	94,829	230,448	2,430	1,965
82	99	1 475	59,178	135,620	2,292	1,827
83	100	914	35,246	76,442	2,169	1,704

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 331 880,894	23,430	22,965
1	19	99 152	95 338,258	2 232 355,935	23,415	22,950
2	20	99 106	91 628,741	2 137 017,677	23,323	22,858
3	21	99 072	88 074,505	2 045 388,936	23,223	22,759
4	22	99 043	84 662,102	1 957 314,431	23,119	22,654
5	23	99 014	81 382,340	1 872 652,329	23,011	22,546
6	24	98 983	78 227,898	1 791 269,988	22,898	22,433
7	25	98 956	75 198,579	1 713 042,090	22,780	22,315
8	26	98 929	72 286,757	1 637 843,511	22,658	22,193
9	27	98 902	69 487,312	1 565 556,755	22,530	22,065
10	28	98 873	66 794,757	1 496 069,443	22,398	21,933
11	29	98 840	64 204,772	1 429 274,686	22,261	21,796
12	30	98 806	61 713,870	1 365 069,914	22,119	21,655
13	31	98 769	59 317,991	1 303 356,044	21,972	21,508
14	32	98 728	57 012,871	1 244 038,053	21,820	21,355
15	33	98 682	54 794,425	1 187 025,182	21,663	21,198
16	34	98 632	52 660,272	1 132 230,757	21,501	21,036
17	35	98 568	50 602,036	1 079 570,485	21,335	20,870
18	36	98 499	48 621,960	1 028 968,449	21,163	20,698
19	37	98 415	46 712,051	980 346,489	20,987	20,522
20	38	98 329	44 876,017	933 634,438	20,805	20,340
21	39	98 227	43 105,307	888 758,421	20,618	20,153
22	40	98 125	41 404,196	845 653,115	20,424	19,960
23	41	98 014	39 766,763	804 248,919	20,224	19,759
24	42	97 894	38 190,557	764 482,156	20,018	19,553
25	43	97 765	36 673,480	726 291,599	19,804	19,339
26	44	97 631	35 214,277	689 618,119	19,583	19,119
27	45	97 485	33 809,316	654 403,842	19,356	18,891
28	46	97 325	32 455,673	620 594,527	19,121	18,656
29	47	97 151	31 151,699	588 138,854	18,880	18,415
30	48	96 956	29 893,490	556 987,155	18,632	18,168
31	49	96 746	28 681,230	527 093,664	18,378	17,913
32	50	96 504	27 509,200	498 412,435	18,118	17,653
33	51	96 246	26 380,534	470 903,235	17,850	17,386
34	52	95 965	25 291,899	444 522,700	17,576	17,111
35	53	95 653	24 239,888	419 230,801	17,295	16,830
36	54	95 307	23 223,247	394 990,914	17,008	16,544
37	55	94 935	22 243,086	371 767,667	16,714	16,249
38	56	94 532	21 296,744	349 524,581	16,412	15,947
39	57	94 091	20 382,119	328 227,837	16,104	15,639
40	58	93 613	19 498,646	307 845,718	15,788	15,323
41	59	93 083	18 642,548	288 347,072	15,467	15,002
42	60	92 511	17 815,319	269 704,524	15,139	14,674
43	61	91 875	17 012,379	251 889,205	14,806	14,341
44	62	91 212	16 239,892	234 876,826	14,463	13,998
45	63	90 495	15 492,525	218 636,934	14,112	13,648
46	64	89 715	14 768,320	203 144,409	13,755	13,291
47	65	88 867	14 066,027	188 376,088	13,392	12,927
48	66	87 935	13 383,311	174 310,062	13,024	12,560
49	67	86 925	12 720,633	160 926,751	12,651	12,186
50	68	85 811	12 074,684	148 206,118	12,274	11,809
51	69	84 636	11 451,252	136 131,434	11,888	11,423
52	70	83 367	10 845,767	124 680,182	11,496	11,031
53	71	81 987	10 255,976	113 834,415	11,099	10,635
54	72	80 486	9 680,953	103 578,439	10,699	10,234
55	73	78 884	9 123,337	93 897,486	10,292	9,827
56	74	77 185	8 583,518	84 774,149	9,876	9,412
57	75	75 346	8 056,771	76 190,631	9,457	8,992
58	76	73 352	7 541,880	68 133,861	9,034	8,569
59	77	71 146	7 033,656	60 591,980	8,615	8,150
60	78	68 764	6 536,728	53 558,324	8,193	7,729
61	79	66 161	6 047,359	47 021,596	7,776	7,311
62	80	63 279	5 561,536	40 974,238	7,367	6,903
63	81	60 111	5 079,881	35 412,701	6,971	6,506
64	82	56 711	4 608,259	30 332,820	6,582	6,117
65	83	53 088	4 147,878	25 724,561	6,202	5,737
66	84	49 236	3 698,964	21 576,684	5,833	5,368
67	85	45 175	3 263,383	17 877,719	5,478	5,013
68	86	40 938	2 843,572	14 614,336	5,139	4,675
69	87	36 601	2 444,520	11 770,764	4,815	4,350
70	88	32 219	2 069,059	9 326,244	4,507	4,043
71	89	27 880	1 721,582	7 257,186	4,215	3,751
72	90	23 639	1 403,560	5 535,603	3,944	3,479
73	91	19 615	1 119,855	4 132,043	3,690	3,225
74	92	15 871	871,230	3 012,188	3,457	2,993
75	93	12 495	659,556	2 140,958	3,246	2,781
76	94	9 545	484,449	1 481,402	3,058	2,593
77	95	7 026	342,859	996,953	2,908	2,443
78	96	5 058	237,359	654,094	2,756	2,291
79	97	3 524	159,015	416,735	2,621	2,156
80	98	2 415	104,759	257,720	2,460	1,995
81	99	1 580	65,931	152,961	2,320	1,855
82	100	988	39,618	87,029	2,197	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 324 235,081	23,358	22,893
1	20	99 133	95 319,856	2 224 730,390	23,340	22,875
2	21	99 087	91 611,774	2 129 410,535	23,244	22,779
3	22	99 055	88 059,924	2 037 798,761	23,141	22,676
4	23	99 026	84 647,452	1 949 738,837	23,034	22,569
5	24	98 993	81 364,682	1 865 091,385	22,923	22,458
6	25	98 966	78 214,633	1 783 726,704	22,806	22,341
7	26	98 938	75 184,557	1 705 512,070	22,684	22,220
8	27	98 910	72 272,692	1 630 327,513	22,558	22,093
9	28	98 881	69 472,134	1 558 054,821	22,427	21,962
10	29	98 848	66 778,098	1 488 582,688	22,291	21,827
11	30	98 815	64 188,157	1 421 804,589	22,151	21,686
12	31	98 777	61 695,545	1 357 616,432	22,005	21,540
13	32	98 737	59 299,057	1 295 920,887	21,854	21,389
14	33	98 694	56 993,085	1 236 621,830	21,698	21,233
15	34	98 647	54 774,915	1 179 628,745	21,536	21,071
16	35	98 593	52 639,676	1 124 853,830	21,369	20,904
17	36	98 528	50 581,670	1 072 214,154	21,198	20,733
18	37	98 453	48 599,164	1 021 632,484	21,022	20,557
19	38	98 370	46 690,553	973 033,321	20,840	20,375
20	39	98 271	44 849,735	926 342,767	20,654	20,190
21	40	98 168	43 079,629	881 493,033	20,462	19,997
22	41	98 058	41 376,095	838 413,404	20,263	19,798
23	42	97 939	39 736,426	797 037,309	20,058	19,593
24	43	97 813	38 158,866	757 300,883	19,846	19,381
25	44	97 678	36 640,477	719 142,017	19,627	19,162
26	45	97 531	35 178,357	682 501,541	19,401	18,936
27	46	97 376	33 771,721	647 323,184	19,168	18,703
28	47	97 201	32 414,463	613 551,463	18,928	18,464
29	48	97 012	31 107,042	581 137,000	18,682	18,217
30	49	96 801	29 845,673	550 029,958	18,429	17,964
31	50	96 570	28 629,275	520 184,285	18,170	17,705
32	51	96 314	27 454,989	491 555,010	17,904	17,439
33	52	96 034	26 322,266	464 100,021	17,631	17,167
34	53	95 730	25 229,800	437 777,755	17,352	16,887
35	54	95 391	24 173,637	412 547,955	17,066	16,601
36	55	95 020	23 153,353	388 374,319	16,774	16,309
37	56	94 621	22 169,386	365 220,966	16,474	16,009
38	57	94 190	21 219,674	343 051,580	16,167	15,702
39	58	93 716	20 300,748	321 831,906	15,853	15,388
40	59	93 201	19 412,646	301 531,158	15,533	15,068
41	60	92 634	18 552,505	282 118,512	15,206	14,742
42	61	92 012	17 719,276	263 566,008	14,875	14,410
43	62	91 361	16 917,193	245 846,732	14,532	14,068
44	63	90 657	16 141,209	228 929,539	14,183	13,718
45	64	89 899	15 390,516	212 788,330	13,826	13,361
46	65	89 061	14 660,699	197 397,815	13,464	13,000
47	66	88 155	13 953,328	182 737,116	13,096	12,631
48	67	87 167	13 266,402	168 783,789	12,723	12,258
49	68	86 082	12 597,314	155 517,386	12,345	11,880
50	69	84 934	11 951,344	142 920,073	11,958	11,494
51	70	83 690	11 323,316	130 968,729	11,566	11,101
52	71	82 351	10 713,627	119 645,413	11,168	10,703
53	72	80 889	10 118,645	108 931,786	10,765	10,301
54	73	79 326	9 541,457	98 813,141	10,356	9,891
55	74	77 662	8 982,083	89 271,684	9,939	9,474
56	75	75 864	8 436,667	80 289,601	9,517	9,052
57	76	73 910	7 903,148	71 852,934	9,092	8,627
58	77	71 751	7 377,270	63 949,786	8,668	8,204
59	78	69 406	6 861,670	56 572,515	8,245	7,780
60	79	66 832	6 353,044	49 710,845	7,825	7,360
61	80	63 982	5 848,260	43 357,801	7,414	6,949
62	81	60 849	5 347,929	37 509,541	7,014	6,549
63	82	57 462	4 856,048	32 161,612	6,623	6,158
64	83	53 856	4 376,272	27 305,564	6,239	5,775
65	84	50 004	3 906,961	22 929,292	5,869	5,404
66	85	45 926	3 450,317	19 022,331	5,513	5,048
67	86	41 687	3 011,381	15 572,014	5,171	4,706
68	87	37 299	2 590,756	12 560,634	4,848	4,383
69	88	32 897	2 197,159	9 969,877	4,538	4,073
70	89	28 519	1 831,479	7 772,718	4,244	3,779
71	90	24 230	1 496,196	5 941,239	3,971	3,506
72	91	20 142	1 195,922	4 445,043	3,717	3,252
73	92	16 333	932,464	3 249,122	3,484	3,020
74	93	12 894	707,823	2 316,657	3,273	2,808
75	94	9 881	521,578	1 608,834	3,085	2,620
76	95	7 300	370,520	1 087,256	2,934	2,470
77	96	5 276	257,475	716,736	2,784	2,319
78	97	3 695	173,394	459,261	2,649	2,184
79	98	2 548	114,959	285,866	2,487	2,022
80	99	1 679	72,836	170,907	2,346	1,882
81	100	1 058	44,139	98,071	2,222	1,757

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 316 209,462	23,282	22,817
1	21	99 114	95 302,205	2 216 723,977	23,260	22,795
2	22	99 071	91 596,607	2 121 421,772	23,160	22,696
3	23	99 038	88 044,685	2 029 825,165	23,054	22,590
4	24	99 004	84 629,084	1 941 780,480	22,945	22,480
5	25	98 976	81 350,885	1 857 151,396	22,829	22,364
6	26	98 948	78 200,049	1 775 800,511	22,708	22,244
7	27	98 918	75 169,928	1 697 600,462	22,584	22,119
8	28	98 889	72 256,905	1 622 430,533	22,454	21,989
9	29	98 856	69 454,808	1 550 173,628	22,319	21,854
10	30	98 822	66 760,818	1 480 718,820	22,179	21,715
11	31	98 785	64 169,097	1 413 958,003	22,035	21,570
12	32	98 745	61 675,852	1 349 788,905	21,885	21,420
13	33	98 703	59 278,478	1 288 113,053	21,730	21,265
14	34	98 658	56 972,793	1 228 834,576	21,569	21,104
15	35	98 608	54 753,492	1 171 861,783	21,403	20,938
16	36	98 553	52 618,489	1 117 108,290	21,230	20,766
17	37	98 482	50 557,954	1 064 489,801	21,055	20,590
18	38	98 408	48 576,797	1 013 931,847	20,873	20,408
19	39	98 312	46 663,208	965 355,050	20,688	20,223
20	40	98 213	44 823,017	918 691,841	20,496	20,031
21	41	98 102	43 050,391	873 868,824	20,299	19,834
22	42	97 983	41 344,530	830 818,433	20,095	19,630
23	43	97 858	39 703,453	789 473,903	19,884	19,419
24	44	97 725	38 124,525	749 770,450	19,666	19,202
25	45	97 578	36 603,102	711 645,925	19,442	18,977
26	46	97 422	35 139,240	675 042,823	19,211	18,746
27	47	97 253	33 728,840	639 903,583	18,972	18,507
28	48	97 062	32 367,996	606 174,742	18,728	18,263
29	49	96 857	31 057,283	573 806,747	18,476	18,011
30	50	96 626	29 791,609	542 749,463	18,218	17,753
31	51	96 380	28 572,856	512 957,854	17,953	17,488
32	52	96 101	27 394,347	484 384,998	17,682	17,217
33	53	95 798	26 257,637	456 990,651	17,404	16,939
34	54	95 468	25 160,843	430 733,014	17,119	16,654
35	55	95 104	24 100,883	405 572,171	16,828	16,363
36	56	94 705	23 076,637	381 471,289	16,531	16,066
37	57	94 279	22 089,158	358 394,652	16,225	15,760
38	58	93 814	21 134,959	336 305,494	15,912	15,447
39	59	93 302	20 211,210	315 170,535	15,594	15,129
40	60	92 750	19 318,883	294 959,325	15,268	14,803
41	61	92 134	18 452,488	275 640,442	14,938	14,473
42	62	91 498	17 620,135	257 187,954	14,596	14,131
43	63	90 806	16 814,393	239 567,820	14,248	13,783
44	64	90 060	16 034,928	222 753,427	13,892	13,427
45	65	89 244	15 278,360	206 718,498	13,530	13,065
46	66	88 348	14 543,235	191 440,139	13,164	12,699
47	67	87 384	13 831,439	176 896,904	12,789	12,325
48	68	86 322	13 137,792	163 065,465	12,412	11,947
49	69	85 203	12 468,635	149 927,672	12,024	11,560
50	70	83 986	11 817,821	137 459,038	11,632	11,167
51	71	82 670	11 185,358	125 641,217	11,233	10,768
52	72	81 249	10 570,168	114 455,858	10,828	10,363
53	73	79 723	9 972,842	103 885,691	10,417	9,952
54	74	78 098	9 393,728	93 912,848	9,997	9,533
55	75	76 334	8 828,414	84 519,120	9,574	9,109
56	76	74 418	8 275,801	75 690,706	9,146	8,681
57	77	72 296	7 730,653	67 414,905	8,720	8,256
58	78	69 997	7 196,882	59 684,252	8,293	7,828
59	79	67 456	6 668,856	52 487,369	7,871	7,406
60	80	64 631	6 143,881	45 818,514	7,458	6,993
61	81	61 525	5 623,640	39 674,633	7,055	6,590
62	82	58 168	5 112,286	34 050,993	6,661	6,196
63	83	54 570	4 611,587	28 938,707	6,275	5,810
64	84	50 728	4 122,090	24 327,120	5,902	5,437
65	85	46 643	3 644,331	20 205,030	5,544	5,079
66	86	42 380	3 183,878	16 560,699	5,201	4,737
67	87	37 981	2 743,646	13 376,820	4,876	4,411
68	88	33 524	2 328,598	10 633,175	4,566	4,102
69	89	29 120	1 944,870	8 304,577	4,270	3,805
70	90	24 785	1 591,705	6 359,707	3,996	3,531
71	91	20 646	1 274,853	4 768,002	3,740	3,275
72	92	16 772	995,802	3 493,148	3,508	3,043
73	93	13 270	757,573	2 497,346	3,297	2,832
74	94	10 197	559,748	1 739,774	3,108	2,643
75	95	7 558	398,917	1 180,026	2,958	2,493
76	96	5 482	278,248	781,109	2,807	2,342
77	97	3 854	188,089	502,860	2,674	2,209
78	98	2 671	125,354	314,771	2,511	2,046
79	99	1 771	79,928	189,416	2,370	1,905
80	100	1 124	48,762	109,489	2,245	1,781

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 307 790,258	23,202	22,737
1	22	99 098	95 286,427	2 208 323,195	23,176	22,711
2	23	99 054	91 580,756	2 113 036,768	23,073	22,608
3	24	99 017	88 025,581	2 021 456,012	22,964	22,500
4	25	98 987	84 614,734	1 933 430,431	22,850	22,385
5	26	98 957	81 335,716	1 848 815,697	22,731	22,266
6	27	98 929	78 184,834	1 767 479,981	22,606	22,142
7	28	98 897	75 153,509	1 689 295,147	22,478	22,013
8	29	98 864	72 238,885	1 614 141,638	22,344	21,880
9	30	98 830	69 436,834	1 541 902,753	22,206	21,741
10	31	98 793	66 740,994	1 472 465,919	22,062	21,598
11	32	98 754	64 148,615	1 405 724,925	21,914	21,449
12	33	98 711	61 654,448	1 341 576,310	21,760	21,295
13	34	98 668	59 257,372	1 279 921,862	21,599	21,135
14	35	98 620	56 950,510	1 220 664,491	21,434	20,969
15	36	98 568	54 731,455	1 163 713,981	21,262	20,797
16	37	98 507	52 593,819	1 108 982,526	21,086	20,621
17	38	98 437	50 534,687	1 056 388,707	20,904	20,439
18	39	98 350	48 548,348	1 005 854,020	20,719	20,254
19	40	98 254	46 635,411	957 305,673	20,527	20,063
20	41	98 146	44 792,596	910 670,261	20,331	19,866
21	42	98 027	43 017,549	865 877,665	20,128	19,664
22	43	97 902	41 310,222	822 860,116	19,919	19,454
23	44	97 770	39 667,722	781 549,894	19,702	19,238
24	45	97 625	38 085,637	741 882,172	19,479	19,014
25	46	97 469	36 562,401	703 796,535	19,249	18,784
26	47	97 299	35 094,622	667 234,134	19,012	18,548
27	48	97 113	33 680,489	632 139,511	18,769	18,304
28	49	96 907	32 316,220	598 459,023	18,519	18,054
29	50	96 681	31 001,025	566 142,802	18,262	17,797
30	51	96 436	29 732,900	535 141,777	17,998	17,533
31	52	96 167	28 509,745	505 408,877	17,728	17,263
32	53	95 865	27 327,085	476 899,132	17,452	16,987
33	54	95 536	26 185,871	449 572,047	17,168	16,704
34	55	95 181	25 085,118	423 386,176	16,878	16,413
35	56	94 789	24 021,027	398 301,058	16,581	16,117
36	57	94 362	22 993,125	374 280,031	16,278	15,813
37	58	93 902	22 000,972	351 286,906	15,967	15,502
38	59	93 400	21 041,742	329 285,934	15,649	15,184
39	60	92 852	20 113,590	308 244,192	15,325	14,860
40	61	92 250	19 214,734	288 130,602	14,995	14,530
41	62	91 619	18 349,244	268 915,868	14,655	14,191
42	63	90 942	17 513,064	250 566,624	14,307	13,843
43	64	90 208	16 703,680	233 053,560	13,952	13,487
44	65	89 404	15 918,076	216 349,880	13,591	13,127
45	66	88 529	15 155,947	200 431,804	13,225	12,760
46	67	87 576	14 416,193	185 275,857	12,852	12,387
47	68	86 537	13 697,352	170 859,664	12,474	12,009
48	69	85 440	13 003,592	157 162,312	12,086	11,621
49	70	84 251	12 329,333	144 158,719	11,692	11,228
50	71	82 962	11 673,838	131 829,386	11,293	10,828
51	72	81 563	11 035,582	120 155,548	10,888	10,423
52	73	80 078	10 417,859	109 119,966	10,474	10,009
53	74	78 489	9 818,435	98 702,107	10,053	9,588
54	75	76 762	9 233,017	88 883,672	9,627	9,162
55	76	74 878	8 660,078	79 650,655	9,197	8,733
56	77	72 794	8 095,173	70 990,577	8,769	8,305
57	78	70 529	7 541,624	62 895,405	8,340	7,875
58	79	68 030	6 994,648	55 353,780	7,914	7,449
59	80	65 235	6 449,295	48 359,132	7,498	7,034
60	81	62 149	5 907,907	41 909,837	7,094	6,629
61	82	58 814	5 375,848	36 001,930	6,697	6,232
62	83	55 239	4 854,925	30 626,083	6,308	5,843
63	84	51 400	4 343,738	25 771,157	5,933	5,468
64	85	47 318	3 844,999	21 427,420	5,573	5,108
65	86	43 041	3 362,911	17 582,421	5,228	4,764
66	87	38 612	2 900,807	14 219,509	4,902	4,437
67	88	34 137	2 466,016	11 318,702	4,590	4,125
68	89	29 675	2 061,216	8 852,686	4,295	3,830
69	90	25 308	1 690,251	6 791,470	4,018	3,553
70	91	21 119	1 356,233	5 101,218	3,761	3,296
71	92	17 191	1 061,526	3 744,985	3,528	3,063
72	93	13 626	809,031	2 683,460	3,317	2,852
73	94	10 494	599,090	1 874,429	3,129	2,664
74	95	7 799	428,111	1 275,339	2,979	2,514
75	96	5 675	299,573	847,228	2,828	2,363
76	97	4 005	203,264	547,655	2,694	2,229
77	98	2 786	135,978	344,390	2,533	2,068
78	99	1 857	87,155	208,412	2,391	1,926
79	100	1 186	53,509	121,257	2,266	1,801

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 298 963,453	23,117	22,652
1	23	99 081	95 269,938	2 199 512,858	23,087	22,622
2	24	99 032	91 560,885	2 104 242,920	22,982	22,517
3	25	99 000	88 010,654	2 012 682,035	22,869	22,404
4	26	98 969	84 598,957	1 924 671,380	22,751	22,286
5	27	98 938	81 319,890	1 840 072,424	22,628	22,163
6	28	98 907	78 167,756	1 758 752,534	22,500	22,035
7	29	98 872	75 134,766	1 680 584,778	22,368	21,903
8	30	98 838	72 220,191	1 605 450,011	22,230	21,765
9	31	98 801	69 416,216	1 533 229,821	22,087	21,623
10	32	98 761	66 719,691	1 463 813,605	21,940	21,475
11	33	98 720	64 126,352	1 397 093,914	21,787	21,322
12	34	98 676	61 632,496	1 332 967,562	21,628	21,163
13	35	98 629	59 234,195	1 271 335,066	21,463	20,998
14	36	98 580	56 927,589	1 212 100,871	21,292	20,827
15	37	98 522	54 705,794	1 155 173,282	21,116	20,651
16	38	98 462	52 569,614	1 100 467,488	20,934	20,469
17	39	98 379	50 505,090	1 047 897,874	20,748	20,284
18	40	98 291	48 519,427	997 392,784	20,557	20,092
19	41	98 187	46 603,760	948 873,356	20,360	19,896
20	42	98 071	44 758,426	902 269,596	20,159	19,694
21	43	97 946	42 981,853	857 511,171	19,951	19,486
22	44	97 814	41 273,046	814 529,318	19,735	19,270
23	45	97 670	39 627,260	773 256,272	19,513	19,048
24	46	97 517	38 043,287	733 629,013	19,284	18,819
25	47	97 346	36 515,977	695 585,725	19,049	18,584
26	48	97 159	35 044,313	659 069,749	18,807	18,342
27	49	96 958	33 626,614	624 025,436	18,557	18,093
28	50	96 731	32 257,681	590 398,822	18,303	17,838
29	51	96 491	30 939,932	558 141,140	18,040	17,575
30	52	96 223	29 667,227	527 201,208	17,770	17,306
31	53	95 931	28 439,745	497 533,982	17,494	17,029
32	54	95 603	27 252,397	469 094,237	17,213	16,748
33	55	95 249	26 107,061	441 841,840	16,924	16,459
34	56	94 866	25 002,002	415 734,779	16,628	16,163
35	57	94 446	23 934,098	390 732,778	16,325	15,861
36	58	93 986	22 901,330	366 798,680	16,016	15,552
37	59	93 488	21 903,935	343 897,350	15,700	15,235
38	60	92 949	20 940,110	321 993,415	15,377	14,912
39	61	92 351	20 005,157	301 053,305	15,049	14,584
40	62	91 734	19 107,226	281 048,147	14,709	14,244
41	63	91 062	18 237,742	261 940,921	14,363	13,898
42	64	90 343	17 397,750	243 703,179	14,008	13,543
43	65	89 551	16 581,954	226 305,429	13,648	13,183
44	66	88 688	15 790,538	209 723,474	13,282	12,817
45	67	87 755	15 023,553	193 932,936	12,909	12,444
46	68	86 727	14 276,437	178 909,383	12,532	12,067
47	69	85 653	13 557,436	164 632,946	12,143	11,679
48	70	84 486	12 858,314	151 075,510	11,749	11,284
49	71	83 224	12 179,118	138 217,196	11,349	10,884
50	72	81 851	11 517,521	126 038,078	10,943	10,478
51	73	80 388	10 876,567	114 520,556	10,529	10,064
52	74	78 838	10 256,561	103 643,989	10,105	9,640
53	75	77 146	9 650,457	93 387,428	9,677	9,212
54	76	75 298	9 056,966	83 736,970	9,246	8,781
55	77	73 244	8 471,062	74 680,004	8,816	8,351
56	78	71 014	7 897,230	66 208,942	8,384	7,919
57	79	68 547	7 329,703	58 311,712	7,956	7,491
58	80	65 790	6 764,361	50 982,009	7,537	7,072
59	81	62 729	6 201,591	44 217,648	7,130	6,665
60	82	59 411	5 647,589	38 016,057	6,731	6,267
61	83	55 853	5 105,219	32 368,468	6,340	5,875
62	84	52 031	4 572,942	27 263,248	5,962	5,497
63	85	47 945	4 051,747	22 690,307	5,600	5,135
64	86	43 664	3 548,083	18 638,559	5,253	4,788
65	87	39 214	3 063,923	15 090,476	4,925	4,460
66	88	34 705	2 607,274	12 026,553	4,613	4,148
67	89	30 218	2 182,856	9 419,279	4,315	3,850
68	90	25 790	1 791,366	7 236,423	4,040	3,575
69	91	21 564	1 440,201	5 445,057	3,781	3,316
70	92	17 585	1 129,288	4 004,857	3,546	3,082
71	93	13 967	862,428	2 875,569	3,334	2,869
72	94	10 775	639,783	2 013,141	3,147	2,682
73	95	8 026	458,200	1 373,358	2,997	2,532
74	96	5 857	321,497	915,158	2,847	2,382
75	97	4 146	218,843	593,661	2,713	2,248
76	98	2 895	146,949	374,818	2,551	2,086
77	99	1 937	94,542	227,869	2,410	1,945
78	100	1 243	58,348	133,328	2,285	1,820

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 289 713,264	23,028	22,563
1	24	99 059	95 249,266	2 190 279,878	22,995	22,530
2	25	99 015	91 545,359	2 095 030,612	22,885	22,420
3	26	98 982	87 994,244	2 003 485,253	22,768	22,304
4	27	98 950	84 582,496	1 915 491,010	22,646	22,182
5	28	98 916	81 302,128	1 830 908,514	22,520	22,055
6	29	98 882	78 148,261	1 749 606,386	22,388	21,923
7	30	98 847	75 115,323	1 671 458,125	22,252	21,787
8	31	98 809	72 198,746	1 596 342,802	22,110	21,646
9	32	98 769	69 394,059	1 524 144,056	21,964	21,499
10	33	98 727	66 696,536	1 454 749,997	21,811	21,347
11	34	98 684	64 103,520	1 388 053,461	21,653	21,188
12	35	98 637	61 608,390	1 323 949,941	21,490	21,025
13	36	98 590	59 210,354	1 262 341,550	21,320	20,855
14	37	98 534	56 900,898	1 203 131,196	21,144	20,680
15	38	98 477	54 680,617	1 146 230,298	20,962	20,497
16	39	98 404	52 538,826	1 091 549,681	20,776	20,311
17	40	98 320	50 475,004	1 039 010,854	20,585	20,120
18	41	98 225	48 486,497	988 535,850	20,388	19,923
19	42	98 112	46 568,208	940 049,353	20,187	19,722
20	43	97 990	44 721,285	893 481,145	19,979	19,514
21	44	97 858	42 943,172	848 759,861	19,765	19,300
22	45	97 714	41 230,946	805 816,689	19,544	19,079
23	46	97 561	39 583,196	764 585,743	19,316	18,851
24	47	97 393	37 994,982	725 002,547	19,082	18,617
25	48	97 206	36 463,629	687 007,564	18,841	18,376
26	49	97 004	34 988,257	650 543,935	18,593	18,128
27	50	96 782	33 565,701	615 555,678	18,339	17,874
28	51	96 541	32 194,112	581 989,977	18,078	17,613
29	52	96 278	30 871,593	549 795,865	17,809	17,344
30	53	95 986	29 594,385	518 924,272	17,535	17,070
31	54	95 669	28 362,015	489 329,888	17,253	16,788
32	55	95 315	27 170,377	460 967,872	16,966	16,501
33	56	94 933	26 020,558	433 797,495	16,671	16,207
34	57	94 522	24 911,522	407 776,938	16,369	15,904
35	58	94 069	23 838,546	382 865,415	16,061	15,596
36	59	93 571	22 800,323	359 026,869	15,747	15,282
37	60	93 036	21 798,139	336 226,547	15,425	14,960
38	61	92 448	20 827,222	314 428,408	15,097	14,632
39	62	91 834	19 893,226	293 601,186	14,759	14,294
40	63	91 177	18 991,118	273 707,960	14,412	13,948
41	64	90 463	18 117,658	254 716,842	14,059	13,594
42	65	89 684	17 270,967	236 599,184	13,699	13,234
43	66	88 833	16 449,097	219 328,217	13,334	12,869
44	67	87 913	15 652,601	202 879,120	12,961	12,497
45	68	86 904	14 877,909	187 226,519	12,584	12,119
46	69	85 841	14 130,606	172 348,610	12,197	11,732
47	70	84 696	13 405,970	158 218,004	11,802	11,337
48	71	83 457	12 701,654	144 812,034	11,401	10,936
49	72	82 110	12 016,035	132 110,380	10,995	10,530
50	73	80 672	11 351,562	120 094,344	10,580	10,115
51	74	79 144	10 708,168	108 742,783	10,155	9,690
52	75	77 489	10 081,088	98 034,615	9,725	9,260
53	76	75 675	9 466,447	87 953,527	9,291	8,826
54	77	73 654	8 859,288	78 487,080	8,859	8,394
55	78	71 453	8 263,929	69 627,792	8,426	7,961
56	79	69 018	7 675,316	61 363,863	7,995	7,530
57	80	66 290	7 088,385	53 688,547	7,574	7,109
58	81	63 263	6 504,556	46 600,162	7,164	6,699
59	82	59 965	5 928,333	40 095,606	6,763	6,299
60	83	56 420	5 363,281	34 167,274	6,371	5,906
61	84	52 609	4 808,698	28 803,993	5,990	5,525
62	85	48 533	4 265,544	23 995,294	5,625	5,161
63	86	44 243	3 738,866	19 729,750	5,277	4,812
64	87	39 782	3 232,631	15 990,884	4,947	4,482
65	88	35 246	2 753,884	12 758,252	4,633	4,168
66	89	30 720	2 307,894	10 004,368	4,335	3,870
67	90	26 261	1 897,080	7 696,474	4,057	3,592
68	91	21 975	1 526,357	5 799,394	3,800	3,335
69	92	17 955	1 199,205	4 273,037	3,563	3,098
70	93	14 287	917,480	3 073,832	3,350	2,885
71	94	11 045	682,009	2 156,352	3,162	2,697
72	95	8 241	489,324	1 474,343	3,013	2,548
73	96	6 027	344,093	985,019	2,863	2,398
74	97	4 278	234,858	640,926	2,729	2,264
75	98	2 997	158,211	406,068	2,567	2,102
76	99	2 013	102,169	247,857	2,426	1,961
77	100	1 297	63,293	145,688	2,302	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 280 026,102	22,935	22,470
1	25	99 042	95 233,115	2 180 614,292	22,898	22,433
2	26	98 997	91 528,289	2 085 381,177	22,784	22,319
3	27	98 962	87 977,123	1 993 852,888	22,663	22,198
4	28	98 928	84 564,021	1 905 875,766	22,538	22,073
5	29	98 892	81 281,851	1 821 311,745	22,407	21,943
6	30	98 857	78 128,038	1 740 029,894	22,272	21,807
7	31	98 817	75 093,019	1 661 901,855	22,131	21,666
8	32	98 777	72 175,701	1 586 808,837	21,985	21,521
9	33	98 735	69 369,976	1 514 633,136	21,834	21,369
10	34	98 692	66 672,789	1 445 263,161	21,677	21,212
11	35	98 646	64 078,448	1 378 590,372	21,514	21,049
12	36	98 597	61 583,594	1 314 511,923	21,345	20,880
13	37	98 543	59 182,594	1 252 928,329	21,171	20,706
14	38	98 489	56 874,711	1 193 745,735	20,989	20,524
15	39	98 419	54 648,593	1 136 871,024	20,803	20,338
16	40	98 346	52 507,529	1 082 222,432	20,611	20,146
17	41	98 254	50 440,747	1 029 714,903	20,414	19,950
18	42	98 150	48 449,509	979 274,156	20,212	19,747
19	43	98 031	46 529,565	930 824,647	20,005	19,540
20	44	97 902	44 681,039	884 295,082	19,791	19,326
21	45	97 758	42 899,368	839 614,044	19,572	19,107
22	46	97 605	41 185,099	796 714,675	19,345	18,880
23	47	97 437	39 532,936	755 529,577	19,111	18,647
24	48	97 253	37 940,515	715 996,641	18,872	18,407
25	49	97 051	36 405,303	678 056,126	18,625	18,160
26	50	96 828	34 924,877	641 650,823	18,372	17,907
27	51	96 592	33 499,554	606 725,945	18,111	17,647
28	52	96 327	32 123,003	573 226,391	17,845	17,380
29	53	96 041	30 795,794	541 103,388	17,571	17,106
30	54	95 724	29 513,499	510 307,595	17,291	16,826
31	55	95 381	28 276,656	480 794,096	17,003	16,538
32	56	94 999	27 080,351	452 517,440	16,710	16,245
33	57	94 589	25 926,392	425 437,089	16,409	15,945
34	58	94 145	24 812,068	399 510,697	16,101	15,637
35	59	93 654	23 733,405	374 698,628	15,788	15,323
36	60	93 119	22 690,197	350 965,223	15,468	15,003
37	61	92 535	21 680,625	328 275,026	15,141	14,677
38	62	91 931	20 710,691	306 594,402	14,804	14,339
39	63	91 276	19 772,342	285 883,711	14,459	13,994
40	64	90 576	18 866,073	266 111,368	14,105	13,640
41	65	89 803	17 985,628	247 245,295	13,747	13,282
42	66	88 966	17 132,589	229 259,668	13,381	12,917
43	67	88 057	16 305,407	212 127,078	13,010	12,545
44	68	87 061	15 500,858	195 821,671	12,633	12,168
45	69	86 017	14 725,934	180 320,813	12,245	11,780
46	70	84 882	13 972,736	165 594,879	11,851	11,386
47	71	83 665	13 242,638	151 622,142	11,450	10,985
48	72	82 339	12 531,575	138 379,504	11,042	10,578
49	73	80 927	11 842,892	125 847,930	10,626	10,162
50	74	79 423	11 175,808	114 005,037	10,201	9,736
51	75	77 790	10 524,968	102 829,229	9,770	9,305
52	76	76 012	9 888,866	92 304,261	9,334	8,869
53	77	74 024	9 259,832	82 415,394	8,900	8,435
54	78	71 853	8 642,662	73 155,563	8,464	8,000
55	79	69 445	8 031,710	64 512,901	8,032	7,567
56	80	66 746	7 422,620	56 481,191	7,609	7,145
57	81	63 744	6 816,134	49 058,571	7,197	6,733
58	82	60 476	6 217,948	42 242,437	6,794	6,329
59	83	56 946	5 629,891	36 024,488	6,399	5,934
60	84	53 143	5 051,771	30 394,597	6,017	5,552
61	85	49 073	4 485,453	25 342,826	5,650	5,185
62	86	44 786	3 936,153	20 857,373	5,299	4,834
63	87	40 309	3 406,452	16 921,219	4,967	4,503
64	88	35 757	2 905,521	13 514,767	4,651	4,187
65	89	31 199	2 437,669	10 609,246	4,352	3,887
66	90	26 698	2 005,749	8 171,576	4,074	3,609
67	91	22 376	1 616,432	6 165,828	3,814	3,350
68	92	18 298	1 270,944	4 549,396	3,580	3,115
69	93	14 588	974,284	3 278,452	3,365	2,900
70	94	11 298	725,545	2 304,168	3,176	2,711
71	95	8 447	521,619	1 578,623	3,026	2,562
72	96	6 189	367,466	1 057,004	2,876	2,412
73	97	4 403	251,365	689,538	2,743	2,278
74	98	3 093	169,789	438,173	2,581	2,116
75	99	2 084	109,999	268,384	2,440	1,975
76	100	1 348	68,399	158,384	2,316	1,851

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 269 891,671	22,837	22,372
1	26	99 024	95 215,358	2 170 496,718	22,796	22,331
2	27	98 978	91 510,480	2 075 281,360	22,678	22,213
3	28	98 941	87 957,906	1 983 770,880	22,554	22,089
4	29	98 903	84 542,931	1 895 812,974	22,424	21,959
5	30	98 866	81 260,817	1 811 270,043	22,290	21,825
6	31	98 828	78 104,839	1 730 009,226	22,150	21,685
7	32	98 786	75 069,049	1 651 904,387	22,005	21,540
8	33	98 743	72 150,652	1 576 835,337	21,855	21,390
9	34	98 700	69 345,277	1 504 684,685	21,698	21,234
10	35	98 653	66 646,712	1 435 339,408	21,537	21,072
11	36	98 606	64 052,658	1 368 692,696	21,368	20,903
12	37	98 551	61 554,721	1 304 640,038	21,195	20,730
13	38	98 498	59 155,357	1 243 085,318	21,014	20,549
14	39	98 431	56 841,402	1 183 929,961	20,829	20,364
15	40	98 360	54 616,039	1 127 088,559	20,637	20,172
16	41	98 279	52 471,892	1 072 472,521	20,439	19,974
17	42	98 179	50 402,268	1 020 000,629	20,237	19,772
18	43	98 068	48 409,305	969 598,361	20,029	19,564
19	44	97 943	46 487,691	921 189,056	19,816	19,351
20	45	97 802	44 635,462	874 701,365	19,597	19,132
21	46	97 649	42 851,666	830 065,903	19,371	18,906
22	47	97 481	41 132,805	787 214,237	19,138	18,674
23	48	97 298	39 476,264	746 081,432	18,899	18,435
24	49	97 098	37 879,826	706 605,168	18,654	18,189
25	50	96 875	36 339,357	668 725,342	18,402	17,937
26	51	96 637	34 856,052	632 385,985	18,143	17,678
27	52	96 378	33 425,561	597 529,933	17,876	17,412
28	53	96 091	32 044,131	564 104,372	17,604	17,139
29	54	95 779	30 711,624	532 060,241	17,324	16,860
30	55	95 436	29 424,674	501 348,617	17,038	16,574
31	56	95 065	28 182,964	471 923,942	16,745	16,280
32	57	94 656	26 982,350	443 740,978	16,446	15,981
33	58	94 212	25 822,887	416 758,628	16,139	15,674
34	59	93 730	24 702,633	390 935,741	15,826	15,361
35	60	93 202	23 618,772	366 233,108	15,506	15,041
36	61	92 617	22 567,874	342 614,335	15,182	14,717
37	62	92 017	21 559,319	320 046,462	14,845	14,380
38	63	91 372	20 584,840	298 487,142	14,500	14,036
39	64	90 675	19 642,153	277 902,302	14,148	13,683
40	65	89 916	18 728,589	258 260,149	13,790	13,325
41	66	89 084	17 841,524	239 531,560	13,426	12,961
42	67	88 189	16 982,929	221 690,036	13,054	12,589
43	68	87 204	16 147,336	204 707,107	12,677	12,213
44	69	86 171	15 342,520	188 559,771	12,290	11,825
45	70	85 056	14 561,413	173 217,251	11,896	11,431
46	71	83 848	13 802,499	158 655,838	11,495	11,030
47	72	82 544	13 065,314	144 853,339	11,087	10,622
48	73	81 153	12 351,003	131 788,024	10,670	10,205
49	74	79 674	11 659,532	119 437,021	10,244	9,779
50	75	78 064	10 984,608	107 777,489	9,812	9,347
51	76	76 306	10 324,283	96 792,882	9,375	8,910
52	77	74 353	9 673,031	86 468,599	8,939	8,474
53	78	72 214	9 033,411	76 795,567	8,501	8,036
54	79	69 834	8 399,801	67 762,156	8,067	7,602
55	80	67 159	7 767,280	59 362,355	7,643	7,178
56	81	64 182	7 137,532	51 595,075	7,229	6,764
57	82	60 935	6 515,798	44 457,543	6,823	6,358
58	83	57 431	5 904,927	37 941,745	6,425	5,961
59	84	53 639	5 302,896	32 036,818	6,041	5,577
60	85	49 570	4 712,187	26 733,922	5,673	5,209
61	86	45 283	4 139,081	22 021,735	5,320	4,856
62	87	40 804	3 586,199	17 882,655	4,987	4,522
63	88	36 230	3 061,753	14 296,456	4,669	4,205
64	89	31 651	2 571,895	11 234,702	4,368	3,903
65	90	27 115	2 118,534	8 662,808	4,089	3,624
66	91	22 748	1 709,025	6 544,274	3,829	3,364
67	92	18 632	1 345,946	4 835,249	3,592	3,128
68	93	14 866	1 032,568	3 489,303	3,379	2,914
69	94	11 536	770,465	2 456,735	3,189	2,724
70	95	8 641	554,917	1 686,270	3,039	2,574
71	96	6 344	391,719	1 131,353	2,888	2,423
72	97	4 521	268,439	739,634	2,755	2,290
73	98	3 183	181,723	471,195	2,593	2,128
74	99	2 150	118,049	289,472	2,452	1,987
75	100	1 395	73,642	171,423	2,328	1,863

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	95 812,828	2 318 454,681	24,198	23,733
2	1	99 313	91 820,433	2 222 641,853	24,206	23,742
3	2	99 275	88 254,712	2 130 821,420	24,144	23,679
4	3	99 250	84 839,270	2 042 566,708	24,076	23,611
5	4	99 227	81 557,042	1 957 727,438	24,004	23,540
6	5	99 208	78 405,713	1 876 170,396	23,929	23,464
7	6	99 191	75 376,637	1 797 764,683	23,850	23,386
8	7	99 176	72 466,663	1 722 388,046	23,768	23,303
9	8	99 163	69 670,372	1 649 921,383	23,682	23,217
10	9	99 149	66 981,208	1 580 251,011	23,592	23,128
11	10	99 135	64 395,888	1 513 269,802	23,499	23,035
12	11	99 120	61 909,925	1 448 873,915	23,403	22,938
13	12	99 105	59 519,676	1 386 963,990	23,303	22,838
14	13	99 087	57 220,457	1 327 444,314	23,199	22,734
15	14	99 067	55 008,309	1 270 223,857	23,091	22,627
16	15	99 042	52 879,106	1 215 215,548	22,981	22,516
17	16	99 004	50 825,839	1 162 336,442	22,869	22,404
18	17	98 961	48 849,776	1 111 510,603	22,754	22,289
19	18	98 908	46 946,057	1 062 660,828	22,636	22,171
20	19	98 847	45 112,402	1 015 714,771	22,515	22,050
21	20	98 783	43 349,389	970 602,368	22,390	21,925
22	21	98 721	41 655,749	927 252,980	22,260	21,795
23	22	98 660	40 028,912	885 597,230	22,124	21,659
24	23	98 598	38 465,007	845 568,318	21,983	21,518
25	24	98 528	36 959,683	807 103,311	21,837	21,373
26	25	98 464	35 515,035	770 143,628	21,685	21,220
27	26	98 399	34 126,527	734 628,594	21,527	21,062
28	27	98 328	32 790,271	700 502,067	21,363	20,898
29	28	98 256	31 505,983	667 711,796	21,193	20,728
30	29	98 175	30 269,317	636 205,813	21,018	20,553
31	30	98 093	29 080,817	605 936,496	20,836	20,371
32	31	97 997	27 934,779	576 855,679	20,650	20,185
33	32	97 897	26 832,981	548 920,900	20,457	19,992
34	33	97 793	25 773,675	522 087,919	20,257	19,792
35	34	97 680	24 753,606	496 314,244	20,050	19,585
36	35	97 555	23 771,114	471 560,638	19,838	19,373
37	36	97 429	22 827,369	447 789,524	19,616	19,152
38	37	97 292	21 918,546	424 962,155	19,388	18,923
39	38	97 145	21 043,717	403 043,609	19,153	18,688
40	39	96 983	20 200,422	381 999,893	18,910	18,446
41	40	96 803	19 387,517	361 799,471	18,661	18,197
42	41	96 609	18 604,516	342 411,954	18,405	17,940
43	42	96 392	17 848,677	323 807,438	18,142	17,677
44	43	96 154	17 119,865	305 958,761	17,872	17,407
45	44	95 895	16 417,064	288 838,896	17,594	17,129
46	45	95 601	15 737,299	272 421,832	17,311	16,846
47	46	95 286	15 082,169	256 684,533	17,019	16,554
48	47	94 929	14 447,669	241 602,364	16,723	16,258
49	48	94 529	13 833,444	227 154,695	16,421	15,956
50	49	94 081	13 238,321	213 321,251	16,114	15,649
51	50	93 580	12 661,400	200 082,931	15,803	15,338
52	51	93 035	12 103,518	187 421,531	15,485	15,020
53	52	92 418	11 560,904	175 318,013	15,165	14,700
54	53	91 732	11 033,668	163 757,108	14,842	14,377
55	54	90 971	10 521,323	152 723,441	14,516	14,051
56	55	90 140	10 024,196	142 202,118	14,186	13,721
57	56	89 227	9 541,096	132 177,922	13,854	13,389
58	57	88 234	9 072,004	122 636,826	13,518	13,053
59	58	87 140	8 614,923	113 564,822	13,182	12,718
60	59	85 953	8 170,756	104 949,899	12,845	12,380
61	60	84 679	7 740,043	96 779,143	12,504	12,039
62	61	83 297	7 320,890	89 039,100	12,162	11,698
63	62	81 827	6 915,045	81 718,210	11,817	11,353
64	63	80 267	6 522,316	74 803,165	11,469	11,004
65	64	78 600	6 141,216	68 280,850	11,118	10,654
66	65	76 828	5 771,903	62 139,633	10,766	10,301
67	66	74 967	5 415,450	56 367,731	10,409	9,944
68	67	72 978	5 069,004	50 952,281	10,052	9,587
69	68	70 918	4 736,515	45 883,277	9,687	9,222
70	69	68 746	4 414,801	41 146,761	9,320	8,855
71	70	66 455	4 103,532	36 731,960	8,951	8,486
72	71	64 044	3 802,563	32 628,428	8,581	8,116
73	72	61 534	3 513,024	28 825,865	8,205	7,741
74	73	58 931	3 235,029	25 312,841	7,825	7,360
75	74	56 225	2 967,756	22 077,812	7,439	6,974
76	75	53 382	2 709,337	19 110,056	7,053	6,589
77	76	50 393	2 459,266	16 400,719	6,669	6,204
78	77	47 260	2 217,641	13 941,453	6,287	5,822
79	78	43 972	1 984,014	11 723,812	5,909	5,444
80	79	40 502	1 757,171	9 739,798	5,543	5,078
81	80	36 874	1 538,235	7 982,628	5,189	4,725
82	81	33 099	1 327,636	6 444,393	4,854	4,389
83	82	29 275	1 129,078	5 116,757	4,532	4,067
84	83	25 443	943,568	3 987,679	4,226	3,761
85	84	21 681	773,119	3 044,111	3,937	3,473
86	85	18 049	618,861	2 270,992	3,670	3,205
87	86	14 656	483,203	1 652,131	3,419	2,954
88	87	11 578	367,015	1 168,928	3,185	2,720
89	88	8 871	270,393	801,913	2,966	2,501
90	89	6 577	192,755	531,521	2,758	2,293
91	90	4 689	132,154	338,766	2,563	2,099
92	91	3 187	86,358	206,612	2,393	1,928
93	92	2 059	53,638	120,254	2,242	1,777
94	93	1 265	31,685	66,616	2,102	1,638
95	94	727	17,503	34,931	1,996	1,531
96	95	397	9,192	17,428	1,896	1,431
97	96	205	4,562	8,237	1,805	1,341
98	97	99	2,121	3,675	1,732	1,267
99	98	46	0,941	1,553	1,650	1,185
100	99	20	0,387	0,612	1,580	1,115

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	92 102,623	2 225 056,218	24,158	23,694
3	1	99 297	88 275,108	2 132 953,595	24,163	23,698
4	2	99 262	84 849,374	2 044 678,486	24,098	23,633
5	3	99 238	81 566,760	1 959 829,112	24,027	23,562
6	4	99 217	78 412,843	1 878 262,352	23,954	23,489
7	5	99 198	75 382,290	1 799 849,509	23,876	23,411
8	6	99 182	72 471,433	1 724 467,219	23,795	23,330
9	7	99 168	69 673,807	1 651 995,786	23,710	23,246
10	8	99 155	66 985,356	1 582 321,979	23,622	23,157
11	9	99 141	64 400,055	1 515 336,624	23,530	23,065
12	10	99 126	61 913,593	1 450 936,569	23,435	22,970
13	11	99 112	59 524,109	1 389 022,975	23,335	22,871
14	12	99 095	57 224,984	1 329 498,866	23,233	22,768
15	13	99 075	55 013,025	1 272 273,882	23,127	22,662
16	14	99 052	52 884,655	1 217 260,857	23,017	22,552
17	15	99 016	50 832,198	1 164 376,202	22,906	22,441
18	16	98 975	48 856,669	1 113 544,003	22,792	22,327
19	17	98 923	46 952,932	1 064 687,334	22,676	22,211
20	18	98 867	45 121,591	1 017 734,402	22,555	22,091
21	19	98 802	43 357,758	972 612,811	22,432	21,967
22	20	98 739	41 663,464	929 255,054	22,304	21,839
23	21	98 676	40 035,540	887 591,589	22,170	21,705
24	22	98 615	38 471,664	847 556,049	22,031	21,566
25	23	98 550	36 967,704	809 084,385	21,886	21,421
26	24	98 481	35 521,058	772 116,681	21,737	21,272
27	25	98 418	34 132,891	736 595,623	21,580	21,115
28	26	98 347	32 796,652	702 462,732	21,419	20,954
29	27	98 278	31 512,866	669 666,079	21,251	20,786
30	28	98 200	30 276,868	638 153,213	21,077	20,612
31	29	98 119	29 088,345	607 876,345	20,898	20,433
32	30	98 026	27 943,077	578 788,000	20,713	20,248
33	31	97 928	26 841,548	550 844,924	20,522	20,057
34	32	97 827	25 782,623	524 003,375	20,324	19,859
35	33	97 715	24 762,423	498 220,753	20,120	19,655
36	34	97 593	23 780,415	473 458,330	19,910	19,445
37	35	97 468	22 836,560	449 677,915	19,691	19,226
38	36	97 338	21 928,827	426 841,355	19,465	19,000
39	37	97 190	21 053,406	404 912,528	19,233	18,768
40	38	97 039	20 212,259	383 859,122	18,991	18,527
41	39	96 861	19 399,073	363 646,863	18,746	18,281
42	40	96 675	18 617,152	344 247,790	18,491	18,026
43	41	96 465	17 862,303	325 630,638	18,230	17,765
44	42	96 234	17 134,083	307 768,335	17,962	17,498
45	43	95 981	16 431,851	290 634,251	17,687	17,222
46	44	95 699	15 753,368	274 202,400	17,406	16,941
47	45	95 392	15 098,958	258 449,032	17,117	16,652
48	46	95 050	14 466,037	243 350,074	16,822	16,357
49	47	94 664	13 853,303	228 884,037	16,522	16,057
50	48	94 231	13 259,530	215 030,734	16,217	15,752
51	49	93 750	12 684,377	201 771,203	15,907	15,442
52	50	93 218	12 127,417	189 086,827	15,592	15,127
53	51	92 623	11 586,496	176 959,409	15,273	14,808
54	52	91 958	11 060,825	165 372,913	14,951	14,486
55	53	91 221	10 550,158	154 312,088	14,627	14,162
56	54	90 412	10 054,456	143 761,930	14,298	13,834
57	55	89 524	9 572,814	133 707,473	13,967	13,503
58	56	88 555	9 104,954	124 134,659	13,634	13,169
59	57	87 489	8 649,454	115 029,705	13,299	12,834
60	58	86 334	8 206,953	106 380,251	12,962	12,497
61	59	85 090	7 777,609	98 173,298	12,623	12,158
62	60	83 749	7 360,571	90 395,690	12,281	11,816
63	61	82 287	6 953,953	83 035,119	11,941	11,476
64	62	80 757	6 562,192	76 081,165	11,594	11,129
65	63	79 121	6 181,921	69 518,974	11,246	10,781
66	64	77 392	5 814,274	63 337,053	10,893	10,429
67	65	75 572	5 459,190	57 522,780	10,537	10,072
68	66	73 621	5 113,674	52 063,590	10,181	9,716
69	67	71 613	4 782,883	46 949,916	9,816	9,351
70	68	69 455	4 460,363	42 167,033	9,454	8,989
71	69	67 205	4 149,895	37 706,670	9,086	8,621
72	70	64 834	3 849,463	33 556,775	8,717	8,252
73	71	62 369	3 560,703	29 707,312	8,343	7,878
74	72	59 793	3 282,325	26 146,609	7,966	7,501
75	73	57 109	3 014,428	22 864,284	7,585	7,120
76	74	54 311	2 756,496	19 849,856	7,201	6,736
77	75	51 373	2 507,069	17 093,360	6,818	6,353
78	76	48 314	2 267,124	14 586,290	6,434	5,969
79	77	45 074	2 033,742	12 319,167	6,057	5,593
80	78	41 673	1 807,975	10 285,424	5,689	5,224
81	79	38 130	1 590,602	8 477,449	5,330	4,865
82	80	34 421	1 380,664	6 886,846	4,988	4,523
83	81	30 624	1 181,121	5 506,182	4,662	4,197
84	82	26 792	993,586	4 325,061	4,353	3,888
85	83	23 018	820,792	3 331,474	4,059	3,594
86	84	19 350	663,459	2 510,682	3,784	3,319
87	85	15 883	523,639	1 847,223	3,528	3,063
88	86	12 707	402,829	1 323,583	3,286	2,821
89	87	9 869	300,834	920,754	3,061	2,596
90	88	7 430	217,759	619,920	2,847	2,382
91	89	5 396	152,062	402,161	2,645	2,180
92	90	3 740	101,352	250,099	2,468	2,003
93	91	2 472	64,417	148,748	2,309	1,844
94	92	1 557	38,999	84,331	2,162	1,698
95	93	919	22,133	45,331	2,048	1,583
96	94	519	12,018	23,198	1,930	1,465
97	95	273	6,075	11,180	1,840	1,375
98	96	136	2,904	5,105	1,758	1,293
99	97	63	1,302	2,201	1,690	1,225
100	98	28	0,557	0,899	1,614	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	88 546,402	2 135 188,210	24,114	23,649
4	1	99 285	84 868,984	2 046 641,808	24,115	23,650
5	2	99 250	81 576,474	1 961 772,824	24,048	23,583
6	3	99 229	78 422,186	1 880 196,350	23,975	23,510
7	4	99 207	75 389,145	1 801 774,164	23,900	23,435
8	5	99 190	72 476,868	1 726 385,018	23,820	23,355
9	6	99 174	69 678,394	1 653 908,150	23,736	23,271
10	7	99 160	66 988,658	1 584 229,756	23,649	23,184
11	8	99 147	64 404,042	1 517 241,099	23,558	23,093
12	9	99 132	61 917,600	1 452 837,056	23,464	22,999
13	10	99 118	59 527,636	1 390 919,457	23,366	22,901
14	11	99 103	57 229,247	1 331 391,820	23,264	22,799
15	12	99 083	55 017,378	1 274 162,573	23,159	22,694
16	13	99 060	52 889,189	1 219 145,195	23,051	22,586
17	14	99 026	50 837,533	1 166 256,006	22,941	22,476
18	15	98 987	48 862,782	1 115 418,474	22,828	22,363
19	16	98 937	46 959,558	1 066 555,691	22,712	22,247
20	17	98 881	45 128,198	1 019 596,133	22,593	22,129
21	18	98 822	43 366,589	974 467,935	22,470	22,006
22	19	98 758	41 671,508	931 101,346	22,344	21,879
23	20	98 694	40 042,955	889 429,838	22,212	21,747
24	21	98 631	38 478,034	849 386,883	22,075	21,610
25	22	98 567	36 974,103	810 908,849	21,932	21,467
26	23	98 502	35 528,767	773 934,746	21,783	21,319
27	24	98 434	34 138,680	738 405,979	21,630	21,165
28	25	98 366	32 802,769	704 267,299	21,470	21,005
29	26	98 297	31 518,999	671 464,531	21,303	20,839
30	27	98 221	30 283,483	639 945,531	21,132	20,667
31	28	98 143	29 095,601	609 662,049	20,954	20,489
32	29	98 051	27 950,310	580 566,448	20,771	20,307
33	30	97 957	26 849,521	552 616,138	20,582	20,117
34	31	97 859	25 790,855	525 766,617	20,386	19,921
35	32	97 749	24 771,020	499 975,762	20,184	19,719
36	33	97 628	23 788,885	475 204,743	19,976	19,511
37	34	97 507	22 845,495	451 415,858	19,760	19,295
38	35	97 377	21 937,656	428 570,362	19,536	19,071
39	36	97 236	21 063,281	406 632,706	19,305	18,840
40	37	97 084	20 221,566	385 569,425	19,067	18,602
41	38	96 918	19 410,441	365 347,859	18,822	18,357
42	39	96 732	18 628,249	345 937,418	18,571	18,106
43	40	96 531	17 874,434	327 309,169	18,312	17,847
44	41	96 307	17 147,164	309 434,735	18,046	17,581
45	42	96 061	16 445,498	292 287,570	17,773	17,308
46	43	95 785	15 767,558	275 842,072	17,494	17,029
47	44	95 490	15 114,375	260 074,515	17,207	16,742
48	45	95 155	14 482,140	244 960,139	16,915	16,450
49	46	94 785	13 870,915	230 477,999	16,616	16,151
50	47	94 367	13 278,566	216 607,083	16,313	15,848
51	48	93 900	12 704,699	203 328,518	16,004	15,539
52	49	93 388	12 149,425	190 623,819	15,690	15,225
53	50	92 806	11 609,375	178 474,393	15,373	14,908
54	51	92 161	11 085,310	166 865,019	15,053	14,588
55	52	91 445	10 576,125	155 779,708	14,729	14,265
56	53	90 660	10 082,012	145 203,583	14,402	13,937
57	54	89 794	9 601,712	135 121,571	14,073	13,608
58	55	88 849	9 135,223	125 519,859	13,740	13,275
59	56	87 807	8 680,869	116 384,637	13,407	12,942
60	57	86 680	8 239,849	107 703,768	13,071	12,606
61	58	85 467	7 812,064	99 463,919	12,732	12,267
62	59	84 155	7 396,295	91 651,855	12,392	11,927
63	60	82 733	6 991,645	84 255,560	12,051	11,586
64	61	81 212	6 599,114	77 263,914	11,708	11,243
65	62	79 604	6 219,715	70 664,800	11,361	10,897
66	63	77 905	5 852,811	64 445,084	11,011	10,546
67	64	76 127	5 499,265	58 592,274	10,655	10,190
68	65	74 215	5 154,977	53 093,009	10,299	9,835
69	66	72 244	4 825,031	47 938,032	9,935	9,470
70	67	70 135	4 504,027	43 113,001	9,572	9,107
71	68	67 899	4 192,723	38 608,974	9,209	8,744
72	69	65 566	3 892,956	34 416,251	8,841	8,376
73	70	63 138	3 604,620	30 523,295	8,468	8,003
74	71	60 604	3 326,873	26 918,675	8,091	7,626
75	72	57 944	3 058,498	23 591,802	7,714	7,249
76	73	55 166	2 799,846	20 533,303	7,334	6,869
77	74	52 267	2 550,708	17 733,457	6,952	6,488
78	75	49 253	2 311,192	15 182,750	6,569	6,104
79	76	46 080	2 079,122	12 871,557	6,191	5,726
80	77	42 718	1 853,292	10 792,436	5,823	5,359
81	78	39 232	1 636,591	8 939,144	5,462	4,997
82	79	35 593	1 427,668	7 302,553	5,115	4,650
83	80	31 847	1 228,298	5 874,885	4,783	4,318
84	81	28 027	1 039,384	4 646,587	4,471	4,006
85	82	24 238	864,303	3 607,203	4,174	3,709
86	83	20 543	704,371	2 742,900	3,894	3,429
87	84	17 028	561,375	2 038,529	3,631	3,166
88	85	13 771	436,539	1 477,154	3,384	2,919
89	86	10 833	330,191	1 040,615	3,152	2,687
90	87	8 266	242,274	710,424	2,932	2,467
91	88	6 096	171,788	468,150	2,725	2,260
92	89	4 304	116,619	296,362	2,541	2,076
93	90	2 902	75,601	179,743	2,378	1,913
94	91	1 869	46,837	104,142	2,224	1,759
95	92	1 131	27,243	57,305	2,103	1,639
96	93	656	15,197	30,062	1,978	1,513
97	94	357	7,943	14,865	1,871	1,407
98	95	181	3,867	6,922	1,790	1,325
99	96	87	1,783	3,055	1,714	1,249
100	97	39	0,770	1,272	1,651	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	85 129,809	2 048 708,447	24,066	23,601
5	1	99 273	81 595,327	1 963 578,638	24,065	23,600
6	2	99 241	78 431,526	1 881 983,311	23,995	23,530
7	3	99 219	75 398,128	1 803 551,785	23,920	23,456
8	4	99 199	72 483,459	1 728 153,657	23,842	23,377
9	5	99 182	69 683,619	1 655 670,198	23,760	23,295
10	6	99 166	66 993,068	1 585 986,578	23,674	23,209
11	7	99 152	64 407,217	1 518 993,510	23,584	23,119
12	8	99 138	61 921,433	1 454 586,293	23,491	23,026
13	9	99 124	59 531,489	1 392 664,860	23,394	22,929
14	10	99 108	57 232,638	1 333 133,371	23,293	22,828
15	11	99 091	55 021,476	1 275 900,733	23,189	22,724
16	12	99 068	52 893,374	1 220 879,257	23,082	22,617
17	13	99 035	50 841,891	1 167 985,883	22,973	22,508
18	14	98 997	48 867,910	1 117 143,992	22,860	22,396
19	15	98 949	46 965,433	1 068 276,082	22,746	22,281
20	16	98 895	45 134,567	1 021 310,649	22,628	22,163
21	17	98 837	43 372,940	976 176,082	22,507	22,042
22	18	98 778	41 679,996	932 803,142	22,380	21,915
23	19	98 714	40 050,686	891 123,147	22,250	21,785
24	20	98 649	38 485,161	851 072,461	22,114	21,649
25	21	98 583	36 980,225	812 587,300	21,974	21,509
26	22	98 519	35 534,916	775 607,075	21,827	21,362
27	23	98 456	34 146,089	740 072,159	21,674	21,209
28	24	98 382	32 808,332	705 926,070	21,517	21,052
29	25	98 315	31 524,877	673 117,738	21,352	20,887
30	26	98 240	30 289,376	641 592,861	21,182	20,717
31	27	98 165	29 101,958	611 303,484	21,006	20,541
32	28	98 076	27 957,282	582 201,527	20,825	20,360
33	29	97 983	26 856,471	554 244,245	20,637	20,172
34	30	97 888	25 798,515	527 387,774	20,443	19,978
35	31	97 780	24 778,929	501 589,259	20,243	19,778
36	32	97 662	23 797,144	476 810,329	20,036	19,572
37	33	97 541	22 853,632	453 013,186	19,822	19,358
38	34	97 415	21 946,240	430 159,554	19,601	19,136
39	35	97 275	21 071,762	408 213,314	19,373	18,908
40	36	97 130	20 231,051	387 141,551	19,136	18,671
41	37	96 962	19 419,378	366 910,500	18,894	18,429
42	38	96 789	18 639,165	347 491,122	18,643	18,178
43	39	96 588	17 885,089	328 851,957	18,387	17,922
44	40	96 373	17 158,810	310 966,868	18,123	17,658
45	41	96 134	16 458,053	293 808,059	17,852	17,387
46	42	95 865	15 780,653	277 350,005	17,575	17,110
47	43	95 576	15 127,990	261 569,353	17,290	16,826
48	44	95 252	14 496,928	246 441,363	17,000	16,535
49	45	94 890	13 886,356	231 944,435	16,703	16,238
50	46	94 487	13 295,447	218 058,079	16,401	15,936
51	47	94 035	12 722,938	204 762,631	16,094	15,629
52	48	93 537	12 168,891	192 039,694	15,781	15,316
53	49	92 974	11 630,443	179 870,803	15,466	15,001
54	50	92 343	11 107,199	168 240,360	15,147	14,682
55	51	91 647	10 599,537	157 133,162	14,825	14,360
56	52	90 883	10 106,827	146 533,624	14,498	14,034
57	53	90 040	9 628,027	136 426,797	14,170	13,705
58	54	89 117	9 162,799	126 798,770	13,838	13,374
59	55	88 099	8 709,728	117 635,971	13,506	13,041
60	56	86 995	8 269,776	108 926,243	13,172	12,707
61	57	85 810	7 843,377	100 656,467	12,833	12,368
62	58	84 528	7 429,061	92 813,090	12,493	12,028
63	59	83 135	7 025,579	85 384,029	12,153	11,688
64	60	81 652	6 634,883	78 358,450	11,810	11,345
65	61	80 052	6 254,711	71 723,567	11,467	11,002
66	62	78 381	5 888,594	65 468,855	11,118	10,653
67	63	76 632	5 535,714	59 580,262	10,763	10,298
68	64	74 760	5 192,819	54 044,548	10,408	9,943
69	65	72 827	4 864,002	48 851,729	10,044	9,579
70	66	70 753	4 543,718	43 987,726	9,681	9,216
71	67	68 564	4 233,767	39 444,008	9,317	8,852
72	68	66 243	3 933,132	35 210,242	8,952	8,487
73	69	63 852	3 645,346	31 277,109	8,580	8,115
74	70	61 352	3 367,906	27 631,763	8,204	7,740
75	71	58 730	3 100,009	24 263,856	7,827	7,362
76	72	55 972	2 840,780	21 163,848	7,450	6,985
77	73	53 089	2 590,821	18 323,068	7,072	6,607
78	74	50 111	2 351,421	15 732,247	6,691	6,226
79	75	46 976	2 119,536	13 380,826	6,313	5,848
80	76	43 671	1 894,644	11 261,290	5,944	5,479
81	77	40 215	1 677,612	9 366,646	5,583	5,118
82	78	36 622	1 468,945	7 689,034	5,234	4,770
83	79	32 931	1 270,114	6 220,088	4,897	4,432
84	80	29 146	1 080,900	4 949,974	4,579	4,115
85	81	25 355	904,142	3 869,075	4,279	3,814
86	82	21 632	741,709	2 964,933	3,997	3,533
87	83	18 078	595,992	2 223,224	3,730	3,265
88	84	14 763	467,999	1 627,232	3,477	3,012
89	85	11 739	357,822	1 159,233	3,240	2,775
90	86	9 073	265,916	801,411	3,014	2,549
91	87	6 782	191,128	535,495	2,802	2,337
92	88	4 862	131,747	344,367	2,614	2,149
93	89	3 339	86,990	212,620	2,444	1,979
94	90	2 194	54,968	125,630	2,285	1,821
95	91	1 358	32,718	70,662	2,160	1,695
96	92	808	18,705	37,944	2,029	1,564
97	93	451	10,044	19,238	1,915	1,451
98	94	236	5,056	9,194	1,818	1,354
99	95	115	2,374	4,138	1,743	1,278
100	96	53	1,055	1,764	1,673	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	81 846,092	1 965 488,763	24,014	23,550
6	1	99 264	78 449,652	1 883 642,671	24,011	23,546
7	2	99 231	75 407,108	1 805 193,019	23,939	23,474
8	3	99 210	72 492,096	1 729 785,912	23,862	23,397
9	4	99 191	69 689,956	1 657 293,816	23,781	23,316
10	5	99 174	66 998,092	1 587 603,859	23,696	23,231
11	6	99 158	64 411,457	1 520 605,767	23,608	23,143
12	7	99 143	61 924,486	1 456 194,310	23,516	23,051
13	8	99 130	59 535,174	1 394 269,824	23,419	22,954
14	9	99 115	57 236,342	1 334 734,649	23,320	22,855
15	10	99 096	55 024,736	1 277 498,307	23,217	22,752
16	11	99 076	52 897,314	1 222 473,571	23,110	22,645
17	12	99 043	50 845,914	1 169 576,257	23,002	22,538
18	13	99 006	48 872,100	1 118 730,344	22,891	22,426
19	14	98 959	46 970,362	1 069 858,244	22,777	22,312
20	15	98 908	45 140,214	1 022 887,882	22,660	22,195
21	16	98 851	43 379,061	977 747,668	22,540	22,075
22	17	98 793	41 686,099	934 368,607	22,414	21,950
23	18	98 734	40 058,844	892 682,508	22,284	21,819
24	19	98 668	38 492,591	852 623,665	22,150	21,686
25	20	98 601	36 987,074	814 131,074	22,011	21,546
26	21	98 536	35 540,800	777 144,000	21,866	21,401
27	22	98 473	34 151,999	741 603,200	21,715	21,250
28	23	98 404	32 815,452	707 451,201	21,558	21,094
29	24	98 332	31 530,224	674 635,749	21,396	20,932
30	25	98 259	30 295,025	643 105,525	21,228	20,763
31	26	98 184	29 107,621	612 810,500	21,053	20,588
32	27	98 097	27 963,390	583 702,878	20,874	20,409
33	28	98 007	26 863,170	555 739,488	20,688	20,223
34	29	97 913	25 805,193	528 876,318	20,495	20,030
35	30	97 809	24 786,289	503 071,125	20,296	19,832
36	31	97 693	23 804,742	478 284,836	20,092	19,627
37	32	97 575	22 861,566	454 480,094	19,880	19,415
38	33	97 450	21 954,057	431 618,528	19,660	19,195
39	34	97 313	21 080,007	409 664,471	19,434	18,969
40	35	97 169	20 239,197	388 584,464	19,200	18,735
41	36	97 008	19 428,487	368 345,267	18,959	18,494
42	37	96 834	18 647,747	348 916,780	18,711	18,246
43	38	96 645	17 895,569	330 269,033	18,455	17,991
44	39	96 430	17 169,038	312 373,463	18,194	17,729
45	40	96 200	16 469,231	295 204,426	17,925	17,460
46	41	95 938	15 792,700	278 735,195	17,650	17,185
47	42	95 655	15 140,553	262 942,494	17,367	16,902
48	43	95 338	14 509,986	247 801,941	17,078	16,613
49	44	94 987	13 900,536	233 291,955	16,783	16,318
50	45	94 592	13 310,248	219 391,420	16,483	16,018
51	46	94 154	12 739,113	206 081,172	16,177	15,712
52	47	93 672	12 186,360	193 342,059	15,865	15,401
53	48	93 123	11 649,076	181 155,699	15,551	15,086
54	49	92 511	11 127,355	169 506,623	15,233	14,769
55	50	91 828	10 620,467	158 379,267	14,913	14,448
56	51	91 084	10 129,200	147 758,800	14,587	14,123
57	52	90 262	9 651,724	137 629,600	14,260	13,795
58	53	89 362	9 187,911	127 977,875	13,929	13,464
59	54	88 365	8 736,020	118 789,964	13,598	13,133
60	55	87 284	8 297,268	110 053,944	13,264	12,799
61	56	86 121	7 871,865	101 756,676	12,927	12,462
62	57	84 867	7 458,839	93 884,812	12,587	12,122
63	58	83 503	7 056,703	86 425,973	12,247	11,783
64	59	82 048	6 667,085	79 369,270	11,905	11,440
65	60	80 486	6 288,613	72 702,184	11,561	11,096
66	61	78 822	5 921,726	66 413,571	11,215	10,750
67	62	77 100	5 569,558	60 491,845	10,861	10,396
68	63	75 256	5 227,237	54 922,286	10,507	10,042
69	64	73 362	4 899,708	49 695,049	10,142	9,678
70	65	71 325	4 580,417	44 795,341	9,780	9,315
71	66	69 168	4 271,076	40 214,924	9,416	8,951
72	67	66 891	3 971,635	35 943,847	9,050	8,585
73	68	64 511	3 682,967	31 972,212	8,681	8,216
74	69	62 045	3 405,958	28 289,245	8,306	7,841
75	70	59 455	3 138,244	24 883,287	7,929	7,464
76	71	56 732	2 879,335	21 745,043	7,552	7,087
77	72	53 865	2 628,699	18 865,709	7,177	6,712
78	73	50 899	2 388,401	16 237,010	6,798	6,333
79	74	47 794	2 156,429	13 848,609	6,422	5,957
80	75	44 520	1 931,473	11 692,181	6,054	5,589
81	76	41 113	1 715,045	9 760,708	5,691	5,226
82	77	37 540	1 505,764	8 045,663	5,343	4,878
83	78	33 884	1 306,837	6 539,899	5,004	4,540
84	79	30 139	1 117,698	5 233,062	4,682	4,217
85	80	26 368	940,255	4 115,364	4,377	3,912
86	81	22 629	775,897	3 175,110	4,092	3,627
87	82	19 036	627,585	2 399,212	3,823	3,358
88	83	15 673	496,857	1 771,627	3,566	3,101
89	84	12 585	383,609	1 274,770	3,323	2,858
90	85	9 832	288,169	891,161	3,092	2,628
91	86	7 444	209,779	602,992	2,874	2,410
92	87	5 409	146,579	393,213	2,683	2,218
93	88	3 772	98,274	246,634	2,510	2,045
94	89	2 525	63,249	148,360	2,346	1,881
95	90	1 594	38,399	85,111	2,217	1,752
96	91	970	22,464	46,712	2,079	1,615
97	92	555	12,363	24,248	1,961	1,496
98	93	299	6,393	11,885	1,859	1,394
99	94	151	3,104	5,491	1,769	1,304
100	95	71	1,404	2,387	1,700	1,235

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	78 690,749	1 885 407,356	23,960	23,495
7	1	99 254	75 424,535	1 806 716,607	23,954	23,489
8	2	99 222	72 500,729	1 731 292,072	23,880	23,415
9	3	99 202	69 698,260	1 658 791,342	23,800	23,335
10	4	99 183	67 004,185	1 589 093,082	23,716	23,252
11	5	99 166	64 416,288	1 522 088,897	23,629	23,164
12	6	99 150	61 928,563	1 457 672,609	23,538	23,073
13	7	99 135	59 538,109	1 395 744,047	23,443	22,978
14	8	99 121	57 239,886	1 336 205,937	23,344	22,879
15	9	99 103	55 028,297	1 278 966,052	23,242	22,777
16	10	99 082	52 900,448	1 223 937,755	23,137	22,672
17	11	99 050	50 849,701	1 171 037,306	23,029	22,565
18	12	99 014	48 875,966	1 120 187,605	22,919	22,454
19	13	98 968	46 974,389	1 071 311,639	22,806	22,341
20	14	98 918	45 144,951	1 024 337,250	22,690	22,225
21	15	98 863	43 384,488	979 192,299	22,570	22,105
22	16	98 807	41 691,982	935 807,811	22,446	21,981
23	17	98 748	40 064,710	894 115,829	22,317	21,852
24	18	98 688	38 500,431	854 051,119	22,183	21,718
25	19	98 621	36 994,215	815 550,688	22,045	21,581
26	20	98 554	35 547,383	778 556,473	21,902	21,437
27	21	98 489	34 157,654	743 009,091	21,752	21,288
28	22	98 421	32 821,132	708 851,437	21,597	21,133
29	23	98 353	31 537,067	676 030,305	21,436	20,971
30	24	98 275	30 300,163	644 493,238	21,270	20,805
31	25	98 202	29 113,050	614 193,075	21,097	20,632
32	26	98 116	27 968,832	585 080,025	20,919	20,454
33	27	98 028	26 869,039	557 111,193	20,734	20,269
34	28	97 937	25 811,631	530 242,154	20,543	20,078
35	29	97 834	24 792,705	504 430,523	20,346	19,881
36	30	97 722	23 811,812	479 637,819	20,143	19,678
37	31	97 606	22 868,866	455 826,006	19,932	19,467
38	32	97 484	21 961,678	432 957,140	19,714	19,249
39	33	97 348	21 087,515	410 995,462	19,490	19,025
40	34	97 207	20 247,116	389 907,947	19,257	18,793
41	35	97 047	19 436,310	369 660,831	19,019	18,554
42	36	96 879	18 656,494	350 224,521	18,772	18,307
43	37	96 689	17 903,809	331 568,027	18,519	18,055
44	38	96 487	17 179,099	313 664,218	18,258	17,794
45	39	96 257	16 479,047	296 485,119	17,992	17,527
46	40	96 003	15 803,426	280 006,071	17,718	17,253
47	41	95 728	15 152,112	264 202,645	17,437	16,972
48	42	95 417	14 522,036	249 050,533	17,150	16,685
49	43	95 073	13 913,056	234 528,496	16,857	16,392
50	44	94 688	13 323,839	220 615,440	16,558	16,093
51	45	94 259	12 753,294	207 291,601	16,254	15,789
52	46	93 791	12 201,853	194 538,307	15,943	15,479
53	47	93 257	11 665,800	182 336,454	15,630	15,165
54	48	92 659	11 145,183	170 670,654	15,313	14,849
55	49	91 995	10 639,740	159 525,471	14,993	14,529
56	50	91 264	10 149,201	148 885,731	14,670	14,205
57	51	90 462	9 673,090	138 736,530	14,343	13,878
58	52	89 581	9 210,526	129 063,440	14,013	13,548
59	53	88 607	8 759,962	119 852,914	13,682	13,217
60	54	87 548	8 322,315	111 092,952	13,349	12,884
61	55	86 408	7 898,034	102 770,637	13,012	12,547
62	56	85 175	7 485,930	94 872,603	12,673	12,209
63	57	83 838	7 084,988	87 386,673	12,334	11,869
64	58	82 412	6 696,621	80 301,685	11,991	11,527
65	59	80 877	6 319,135	73 605,064	11,648	11,183
66	60	79 249	5 953,824	67 285,929	11,301	10,836
67	61	77 534	5 600,896	61 332,106	10,950	10,486
68	62	75 716	5 259,195	55 731,210	10,597	10,132
69	63	73 848	4 932,184	50 472,014	10,233	9,768
70	64	71 848	4 614,041	45 539,831	9,870	9,405
71	65	69 727	4 305,573	40 925,789	9,505	9,040
72	66	67 481	4 006,635	36 620,216	9,140	8,675
73	67	65 142	3 719,021	32 613,581	8,769	8,305
74	68	62 685	3 441,108	28 894,560	8,397	7,932
75	69	60 127	3 173,701	25 453,452	8,020	7,555
76	70	57 431	2 914,848	22 279,751	7,644	7,179
77	71	54 596	2 664,376	19 364,903	7,268	6,803
78	72	51 643	2 423,319	16 700,528	6,892	6,427
79	73	48 545	2 190,341	14 277,209	6,518	6,053
80	74	45 295	1 965,092	12 086,867	6,151	5,686
81	75	41 912	1 748,382	10 121,775	5,789	5,324
82	76	38 377	1 539,362	8 373,393	5,440	4,975
83	77	34 733	1 339,592	6 834,031	5,102	4,637
84	78	31 010	1 150,013	5 494,438	4,778	4,313
85	79	27 266	972,265	4 344,425	4,468	4,004
86	80	23 533	806,888	3 372,160	4,179	3,714
87	81	19 913	656,513	2 565,271	3,907	3,443
88	82	16 504	523,195	1 908,758	3,648	3,183
89	83	13 361	407,263	1 385,563	3,402	2,937
90	84	10 541	308,936	978,300	3,167	2,702
91	85	8 067	227,334	669,364	2,944	2,480
92	86	5 937	160,883	442,030	2,748	2,283
93	87	4 196	109,338	281,147	2,571	2,107
94	88	2 852	71,454	171,808	2,404	1,940
95	89	1 834	44,183	100,355	2,271	1,807
96	90	1 138	26,365	56,172	2,131	1,666
97	91	667	14,848	29,807	2,008	1,543
98	92	367	7,869	14,960	1,901	1,436
99	93	191	3,925	7,090	1,807	1,342
100	94	93	1,836	3,165	1,724	1,259

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	75 656,335	1 808 346,464	23,902	23,437
8	1	99 245	72 517,485	1 732 690,129	23,893	23,429
9	2	99 214	69 706,561	1 660 172,644	23,817	23,352
10	3	99 194	67 012,169	1 590 466,083	23,734	23,269
11	4	99 175	64 422,146	1 523 453,915	23,648	23,183
12	5	99 157	61 933,207	1 459 031,769	23,558	23,093
13	6	99 142	59 542,029	1 397 098,561	23,464	22,999
14	7	99 126	57 242,707	1 337 556,533	23,366	22,902
15	8	99 109	55 031,704	1 280 313,825	23,265	22,800
16	9	99 088	52 903,871	1 225 282,121	23,161	22,696
17	10	99 056	50 852,714	1 172 378,250	23,054	22,590
18	11	99 021	48 879,607	1 121 525,535	22,945	22,480
19	12	98 976	46 978,106	1 072 645,928	22,833	22,368
20	13	98 927	45 148,822	1 025 667,823	22,717	22,253
21	14	98 874	43 389,041	980 519,001	22,598	22,133
22	15	98 819	41 697,198	937 129,960	22,475	22,010
23	16	98 762	40 070,364	895 432,761	22,347	21,882
24	17	98 703	38 506,069	855 362,398	22,214	21,749
25	18	98 641	37 001,750	816 856,329	22,076	21,611
26	19	98 573	35 554,245	779 854,579	21,934	21,469
27	20	98 507	34 163,980	744 300,334	21,786	21,321
28	21	98 437	32 826,567	710 136,354	21,633	21,168
29	22	98 370	31 542,525	677 309,787	21,473	21,008
30	23	98 297	30 306,739	645 767,262	21,308	20,843
31	24	98 219	29 117,987	615 460,523	21,137	20,672
32	25	98 135	27 974,048	586 342,535	20,960	20,495
33	26	98 048	26 874,268	558 368,487	20,777	20,312
34	27	97 959	25 817,270	531 494,219	20,587	20,122
35	28	97 859	24 798,890	505 676,949	20,391	19,926
36	29	97 747	23 817,976	480 878,060	20,190	19,725
37	30	97 635	22 875,658	457 060,084	19,980	19,515
38	31	97 515	21 968,691	434 184,425	19,764	19,299
39	32	97 381	21 094,836	412 215,735	19,541	19,076
40	33	97 241	20 254,328	391 120,899	19,310	18,846
41	34	97 085	19 443,915	370 866,571	19,074	18,609
42	35	96 918	18 664,006	351 422,656	18,829	18,364
43	36	96 735	17 912,207	332 758,650	18,577	18,112
44	37	96 531	17 187,009	314 846,443	18,319	17,854
45	38	96 313	16 488,704	297 659,435	18,052	17,588
46	39	96 060	15 812,846	281 170,730	17,781	17,316
47	40	95 793	15 162,403	265 357,884	17,501	17,036
48	41	95 490	14 533,123	250 195,481	17,216	16,751
49	42	95 152	13 924,611	235 662,358	16,924	16,459
50	43	94 774	13 335,840	221 737,747	16,627	16,162
51	44	94 355	12 766,316	208 401,907	16,324	15,860
52	45	93 895	12 215,436	195 635,591	16,015	15,551
53	46	93 376	11 680,631	183 420,154	15,703	15,238
54	47	92 792	11 161,183	171 739,524	15,387	14,922
55	48	92 142	10 656,787	160 578,341	15,068	14,603
56	49	91 429	10 167,619	149 921,554	14,745	14,280
57	50	90 640	9 692,190	139 753,935	14,419	13,954
58	51	89 780	9 230,915	130 061,745	14,090	13,625
59	52	88 825	8 781,523	120 830,830	13,760	13,295
60	53	87 788	8 345,124	112 049,306	13,427	12,962
61	54	86 669	7 921,876	103 704,183	13,091	12,626
62	55	85 458	7 510,816	95 782,307	12,753	12,288
63	56	84 142	7 110,721	88 271,491	12,414	11,949
64	57	82 742	6 723,463	81 160,770	12,071	11,606
65	58	81 235	6 347,129	74 437,307	11,728	11,263
66	59	79 634	5 982,720	68 090,178	11,381	10,916
67	60	77 954	5 631,254	62 107,457	11,029	10,564
68	61	76 142	5 288,787	56 476,203	10,678	10,214
69	62	74 300	4 962,338	51 187,417	10,315	9,850
70	63	72 324	4 644,624	46 225,079	9,952	9,488
71	64	70 238	4 337,180	41 580,455	9,587	9,122
72	65	68 026	4 038,996	37 243,275	9,221	8,756
73	66	65 716	3 751,794	33 204,279	8,850	8,385
74	67	63 299	3 474,795	29 452,485	8,476	8,011
75	68	60 747	3 206,454	25 977,691	8,102	7,637
76	69	58 080	2 947,781	22 771,237	7,725	7,260
77	70	55 270	2 697,237	19 823,455	7,350	6,885
78	71	52 344	2 456,208	17 126,218	6,973	6,508
79	72	49 255	2 222,364	14 670,010	6,601	6,136
80	73	46 007	1 995,996	12 447,645	6,236	5,771
81	74	42 641	1 778,815	10 451,649	5,876	5,411
82	75	39 123	1 569,285	8 672,835	5,527	5,062
83	76	35 508	1 369,483	7 103,550	5,187	4,722
84	77	31 787	1 178,838	5 734,067	4,864	4,399
85	78	28 054	1 000,376	4 555,229	4,554	4,089
86	79	24 334	834,358	3 554,853	4,261	3,796
87	80	20 709	682,735	2 720,495	3,985	3,520
88	81	17 265	547,311	2 037,760	3,723	3,258
89	82	14 069	428,852	1 490,448	3,475	3,011
90	83	11 191	327,986	1 061,596	3,237	2,772
91	84	8 648	243,717	733,610	3,010	2,545
92	85	6 434	174,347	489,893	2,810	2,345
93	86	4 606	120,008	315,547	2,629	2,165
94	87	3 173	79,498	195,539	2,460	1,995
95	88	2 072	49,914	116,041	2,325	1,860
96	89	1 310	30,336	66,127	2,180	1,715
97	90	782	17,426	35,790	2,054	1,589
98	91	441	9,451	18,365	1,943	1,478
99	92	235	4,831	8,914	1,845	1,380
100	93	117	2,322	4,083	1,758	1,294

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	72 740,351	1 734 195,263	23,841	23,376
9	1	99 237	69 722,671	1 661 454,912	23,829	23,365
10	2	99 206	67 020,149	1 591 732,241	23,750	23,285
11	3	99 187	64 429,822	1 524 712,092	23,665	23,200
12	4	99 166	61 938,839	1 460 282,270	23,576	23,111
13	5	99 149	59 546,495	1 398 343,431	23,483	23,018
14	6	99 132	57 246,476	1 338 796,936	23,387	22,922
15	7	99 114	55 034,417	1 281 550,460	23,286	22,822
16	8	99 094	52 907,147	1 226 516,043	23,182	22,718
17	9	99 062	50 856,005	1 173 608,896	23,077	22,612
18	10	99 027	48 882,504	1 122 752,891	22,968	22,504
19	11	98 983	46 981,605	1 073 870,388	22,857	22,392
20	12	98 934	45 152,394	1 026 888,783	22,743	22,278
21	13	98 882	43 392,761	981 736,389	22,624	22,160
22	14	98 829	41 701,574	938 343,628	22,501	22,037
23	15	98 774	40 075,377	896 642,054	22,374	21,909
24	16	98 717	38 511,503	856 566,676	22,242	21,777
25	17	98 655	37 007,168	818 055,174	22,105	21,640
26	18	98 593	35 561,487	781 048,005	21,963	21,498
27	19	98 526	34 170,576	745 486,518	21,817	21,352
28	20	98 455	32 832,646	711 315,942	21,665	21,200
29	21	98 386	31 547,748	678 483,296	21,507	21,042
30	22	98 314	30 311,985	646 935,548	21,343	20,878
31	23	98 240	29 124,307	616 623,563	21,172	20,707
32	24	98 151	27 978,792	587 499,257	20,998	20,533
33	25	98 066	26 879,280	559 520,464	20,816	20,351
34	26	97 978	25 822,294	532 641,184	20,627	20,162
35	27	97 880	24 804,307	506 818,890	20,433	19,968
36	28	97 772	23 823,918	482 014,582	20,232	19,768
37	29	97 661	22 881,580	458 190,665	20,024	19,560
38	30	97 544	21 975,216	435 309,085	19,809	19,344
39	31	97 413	21 101,572	413 333,869	19,588	19,123
40	32	97 275	20 261,359	392 232,298	19,359	18,894
41	33	97 119	19 450,840	371 970,938	19,124	18,659
42	34	96 956	18 671,309	352 520,098	18,880	18,415
43	35	96 774	17 919,419	333 848,789	18,631	18,166
44	36	96 576	17 195,070	315 929,370	18,373	17,908
45	37	96 358	16 496,296	298 734,300	18,109	17,644
46	38	96 117	15 822,112	282 238,003	17,838	17,373
47	39	95 850	15 171,441	266 415,891	17,560	17,096
48	40	95 555	14 542,994	251 244,450	17,276	16,811
49	41	95 224	13 935,242	236 701,457	16,986	16,521
50	42	94 852	13 346,915	222 766,215	16,690	16,226
51	43	94 440	12 777,815	209 419,300	16,389	15,924
52	44	93 991	12 227,909	196 641,484	16,081	15,617
53	45	93 480	11 693,634	184 413,575	15,770	15,306
54	46	92 910	11 175,373	172 719,941	15,455	14,991
55	47	92 275	10 672,085	161 544,569	15,137	14,672
56	48	91 576	10 183,909	150 872,483	14,815	14,350
57	49	90 805	9 709,779	140 688,574	14,489	14,025
58	50	89 957	9 249,142	130 978,795	14,161	13,696
59	51	89 022	8 800,963	121 729,653	13,831	13,367
60	52	88 004	8 365,664	112 928,691	13,499	13,034
61	53	86 906	7 943,587	104 563,026	13,163	12,698
62	54	85 716	7 533,489	96 619,440	12,825	12,361
63	55	84 422	7 134,360	89 085,951	12,487	12,022
64	56	83 043	6 747,883	81 951,591	12,145	11,680
65	57	81 561	6 372,570	75 203,708	11,801	11,336
66	58	79 987	6 009,224	68 831,138	11,454	10,989
67	59	78 332	5 658,585	62 821,913	11,102	10,637
68	60	76 555	5 317,453	57 163,328	10,750	10,285
69	61	74 718	4 990,259	51 845,875	10,389	9,925
70	62	72 766	4 673,020	46 855,616	10,027	9,562
71	63	70 704	4 365,927	42 182,596	9,662	9,197
72	64	68 525	4 068,645	37 816,670	9,295	8,830
73	65	66 247	3 782,097	33 748,024	8,923	8,458
74	66	63 857	3 505,416	29 965,927	8,548	8,084
75	67	61 342	3 237,843	26 460,511	8,172	7,707
76	68	58 680	2 978,203	23 222,668	7,798	7,333
77	69	55 894	2 727,712	20 244,465	7,422	6,957
78	70	52 989	2 486,503	17 516,753	7,045	6,580
79	71	49 923	2 252,526	15 030,251	6,673	6,208
80	72	46 680	2 025,177	12 777,724	6,309	5,845
81	73	43 312	1 806,789	10 752,547	5,951	5,486
82	74	39 804	1 596,600	8 945,758	5,603	5,138
83	75	36 198	1 396,103	7 349,158	5,264	4,799
84	76	32 497	1 205,142	5 953,055	4,940	4,475
85	77	28 757	1 025,450	4 747,913	4,630	4,165
86	78	25 038	858,482	3 722,463	4,336	3,871
87	79	21 414	705,979	2 863,982	4,057	3,592
88	80	17 955	569,172	2 158,003	3,791	3,327
89	81	14 718	448,620	1 588,831	3,542	3,077
90	82	11 784	345,373	1 140,211	3,301	2,837
91	83	9 181	258,745	794,838	3,072	2,607
92	84	6 898	186,911	536,093	2,868	2,403
93	85	4 991	130,050	349,183	2,685	2,220
94	86	3 483	87,256	219,132	2,511	2,047
95	87	2 305	55,534	131,876	2,375	1,910
96	88	1 480	34,271	76,343	2,228	1,763
97	89	900	20,051	42,071	2,098	1,633
98	90	518	11,092	22,021	1,985	1,520
99	91	282	5,802	10,929	1,884	1,419
100	92	144	2,858	5,127	1,794	1,329

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	69 936,948	1 662 844,866	23,776	23,312
10	1	99 229	67 035,638	1 592 907,918	23,762	23,297
11	2	99 199	64 437,495	1 525 872,280	23,680	23,215
12	3	99 178	61 946,220	1 461 434,785	23,592	23,127
13	4	99 158	59 551,910	1 399 488,565	23,500	23,035
14	5	99 140	57 250,769	1 339 936,656	23,405	22,940
15	6	99 120	55 038,040	1 282 685,886	23,305	22,841
16	7	99 099	52 909,755	1 227 647,846	23,203	22,738
17	8	99 069	50 859,154	1 174 738,091	23,098	22,633
18	9	99 033	48 885,667	1 123 878,937	22,990	22,525
19	10	98 989	46 984,389	1 074 993,271	22,880	22,415
20	11	98 942	45 155,757	1 028 008,882	22,766	22,301
21	12	98 890	43 396,194	982 853,124	22,648	22,184
22	13	98 838	41 705,149	939 456,930	22,526	22,061
23	14	98 785	40 079,583	897 751,781	22,399	21,934
24	15	98 729	38 516,321	857 672,198	22,268	21,803
25	16	98 669	37 012,391	819 155,877	22,132	21,667
26	17	98 608	35 566,695	782 143,486	21,991	21,526
27	18	98 546	34 177,536	746 576,791	21,844	21,379
28	19	98 474	32 838,985	712 399,255	21,694	21,229
29	20	98 405	31 553,591	679 560,270	21,537	21,072
30	21	98 330	30 317,004	648 006,679	21,374	20,910
31	22	98 257	29 129,348	617 689,676	21,205	20,740
32	23	98 173	27 984,865	588 560,328	21,031	20,567
33	24	98 082	26 883,839	560 575,463	20,852	20,387
34	25	97 996	25 827,110	533 691,625	20,664	20,199
35	26	97 899	24 809,135	507 864,515	20,471	20,006
36	27	97 793	23 829,123	483 055,380	20,272	19,807
37	28	97 685	22 887,288	459 226,257	20,065	19,600
38	29	97 569	21 980,904	436 338,970	19,851	19,386
39	30	97 442	21 107,839	414 358,066	19,631	19,166
40	31	97 306	20 267,829	393 250,226	19,403	18,938
41	32	97 153	19 457,593	372 982,398	19,169	18,704
42	33	96 991	18 677,959	353 524,805	18,927	18,463
43	34	96 812	17 926,431	334 846,846	18,679	18,214
44	35	96 615	17 201,994	316 920,415	18,423	17,959
45	36	96 403	16 504,034	299 718,421	18,160	17,695
46	37	96 161	15 829,397	283 214,387	17,892	17,427
47	38	95 907	15 180,331	267 384,990	17,614	17,149
48	39	95 612	14 551,662	252 204,659	17,332	16,867
49	40	95 289	13 944,706	237 652,997	17,043	16,578
50	41	94 925	13 357,105	223 708,291	16,748	16,283
51	42	94 519	12 788,427	210 351,186	16,449	15,984
52	43	94 076	12 238,923	197 562,758	16,142	15,677
53	44	93 575	11 705,574	185 323,835	15,832	15,367
54	45	93 013	11 187,813	173 618,261	15,519	15,054
55	46	92 392	10 685,653	162 430,448	15,201	14,736
56	47	91 707	10 198,529	151 744,795	14,879	14,414
57	48	90 950	9 725,335	141 546,266	14,554	14,090
58	49	90 120	9 265,926	131 820,930	14,226	13,762
59	50	89 198	8 818,341	122 555,004	13,898	13,433
60	51	88 198	8 384,183	113 736,663	13,566	13,101
61	52	87 120	7 963,139	105 352,480	13,230	12,765
62	53	85 951	7 554,136	97 389,341	12,892	12,427
63	54	84 677	7 155,897	89 835,206	12,554	12,089
64	55	83 319	6 770,316	82 679,309	12,212	11,747
65	56	81 857	6 395,716	75 908,994	11,869	11,404
66	57	80 307	6 033,311	69 513,278	11,522	11,057
67	58	78 679	5 683,653	63 479,967	11,169	10,704
68	59	76 926	5 343,261	57 796,314	10,817	10,352
69	60	75 123	5 017,308	52 453,053	10,454	9,990
70	61	73 176	4 699,313	47 435,745	10,094	9,629
71	62	71 136	4 392,619	42 736,432	9,729	9,264
72	63	68 979	4 095,613	38 343,813	9,362	8,897
73	64	66 733	3 809,861	34 248,201	8,989	8,525
74	65	64 372	3 533,729	30 438,340	8,614	8,149
75	66	61 882	3 266,376	26 904,611	8,237	7,772
76	67	59 254	3 007,357	23 638,235	7,860	7,395
77	68	56 471	2 755,863	20 630,878	7,486	7,021
78	69	53 588	2 514,596	17 875,015	7,109	6,644
79	70	50 539	2 280,309	15 360,419	6,736	6,271
80	71	47 313	2 052,663	13 080,110	6,372	5,907
81	72	43 945	1 833,204	11 027,447	6,015	5,551
82	73	40 430	1 621,709	9 194,243	5,669	5,205
83	74	36 828	1 420,404	7 572,534	5,331	4,866
84	75	33 128	1 228,568	6 152,131	5,008	4,543
85	76	29 399	1 048,331	4 923,563	4,697	4,232
86	77	25 665	879,999	3 875,232	4,404	3,939
87	78	22 033	726,390	2 995,233	4,123	3,659
88	79	18 566	588,549	2 268,842	3,855	3,390
89	80	15 306	466,538	1 680,293	3,602	3,137
90	81	12 327	361,292	1 213,755	3,359	2,895
91	82	9 668	272,461	852,462	3,129	2,664
92	83	7 323	198,436	580,001	2,923	2,458
93	84	5 351	139,423	381,565	2,737	2,272
94	85	3 774	94,557	242,142	2,561	2,096
95	86	2 530	60,953	147,585	2,421	1,956
96	87	1 646	38,130	86,632	2,272	1,807
97	88	1 017	22,652	48,502	2,141	1,676
98	89	596	12,763	25,850	2,025	1,561
99	90	331	6,809	13,088	1,922	1,457
100	91	173	3,432	6,279	1,829	1,365

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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10	0	99 534	67 241,657	1 594 191,648	23,708	23,244
11	1	99 221	64 452,387	1 526 949,991	23,691	23,226
12	2	99 190	61 953,597	1 462 497,603	23,606	23,142
13	3	99 170	59 559,005	1 400 544,006	23,515	23,050
14	4	99 149	57 255,976	1 340 985,001	23,421	22,956
15	5	99 128	55 042,168	1 283 729,026	23,323	22,858
16	6	99 106	52 913,238	1 228 686,858	23,221	22,756
17	7	99 073	50 861,661	1 175 773,619	23,117	22,652
18	8	99 040	48 888,694	1 124 911,958	23,010	22,545
19	9	98 995	46 987,429	1 076 023,265	22,900	22,435
20	10	98 948	45 158,433	1 029 035,835	22,787	22,322
21	11	98 897	43 399,427	983 877,402	22,670	22,205
22	12	98 846	41 708,449	940 477,976	22,549	22,084
23	13	98 793	40 083,019	898 769,527	22,423	21,958
24	14	98 739	38 520,364	858 686,508	22,292	21,827
25	15	98 681	37 017,022	820 166,144	22,156	21,692
26	16	98 622	35 571,714	783 149,123	22,016	21,551
27	17	98 561	34 182,541	747 577,408	21,870	21,405
28	18	98 494	32 845,674	713 394,868	21,720	21,255
29	19	98 424	31 559,683	680 549,194	21,564	21,099
30	20	98 348	30 322,619	648 989,511	21,403	20,938
31	21	98 273	29 134,171	618 666,893	21,235	20,770
32	22	98 190	27 989,708	589 532,722	21,062	20,598
33	23	98 104	26 889,674	561 543,014	20,883	20,418
34	24	98 013	25 831,490	534 653,340	20,698	20,233
35	25	97 917	24 813,761	508 821,850	20,506	20,041
36	26	97 812	23 833,760	484 008,089	20,308	19,843
37	27	97 706	22 892,288	460 174,329	20,102	19,637
38	28	97 593	21 986,387	437 282,041	19,889	19,424
39	29	97 467	21 113,303	415 295,653	19,670	19,205
40	30	97 335	20 273,849	394 182,350	19,443	18,978
41	31	97 184	19 463,806	373 908,502	19,210	18,746
42	32	97 024	18 684,443	354 444,696	18,970	18,505
43	33	96 846	17 932,816	335 760,253	18,723	18,258
44	34	96 653	17 208,725	317 827,437	18,469	18,004
45	35	96 442	16 510,679	300 618,713	18,208	17,743
46	36	96 206	15 836,822	284 108,033	17,940	17,475
47	37	95 951	15 187,321	268 271,211	17,664	17,199
48	38	95 668	14 560,189	253 083,890	17,382	16,917
49	39	95 346	13 953,018	238 523,701	17,095	16,630
50	40	94 989	13 366,177	224 570,683	16,801	16,337
51	41	94 591	12 798,191	211 204,506	16,503	16,038
52	42	94 154	12 249,088	198 406,316	16,198	15,733
53	43	93 659	11 716,118	186 157,228	15,889	15,424
54	44	93 108	11 199,237	174 441,110	15,576	15,111
55	45	92 495	10 697,549	163 241,873	15,260	14,795
56	46	91 824	10 211,495	152 544,325	14,938	14,474
57	47	91 081	9 739,297	142 332,830	14,614	14,149
58	48	90 265	9 280,772	132 593,533	14,287	13,822
59	49	89 360	8 834,344	123 312,761	13,958	13,494
60	50	88 373	8 400,738	114 478,417	13,627	13,162
61	51	87 313	7 980,766	106 077,679	13,292	12,827
62	52	86 163	7 572,729	98 096,913	12,954	12,489
63	53	84 909	7 175,508	90 524,184	12,616	12,151
64	54	83 570	6 790,753	83 348,676	12,274	11,809
65	55	82 129	6 416,977	76 557,922	11,931	11,466
66	56	80 599	6 055,224	70 140,945	11,584	11,119
67	57	78 995	5 706,435	64 085,721	11,230	10,766
68	58	77 267	5 366,932	58 379,286	10,878	10,413
69	59	75 487	5 041,659	53 012,354	10,515	10,050
70	60	73 573	4 724,784	47 970,695	10,153	9,688
71	61	71 536	4 417,335	43 245,911	9,790	9,325
72	62	69 401	4 120,652	38 828,576	9,423	8,958
73	63	67 176	3 835,113	34 707,924	9,050	8,585
74	64	64 845	3 559,669	30 872,811	8,673	8,208
75	65	62 382	3 292,758	27 313,142	8,295	7,830
76	66	59 776	3 033,859	24 020,384	7,917	7,453
77	67	57 024	2 782,840	20 986,524	7,541	7,077
78	68	54 141	2 540,547	18 203,684	7,165	6,700
79	69	51 110	2 306,072	15 663,136	6,792	6,327
80	70	47 897	2 077,980	13 357,064	6,428	5,963
81	71	44 542	1 858,084	11 279,083	6,070	5,605
82	72	41 021	1 645,418	9 420,999	5,726	5,261
83	73	37 407	1 442,741	7 775,581	5,389	4,925
84	74	33 705	1 249,952	6 332,840	5,066	4,602
85	75	29 970	1 068,709	5 082,887	4,756	4,291
86	76	26 238	899,635	4 014,179	4,462	3,997
87	77	22 585	744,597	3 114,544	4,183	3,718
88	78	19 103	605,566	2 369,947	3,914	3,449
89	79	15 827	482,421	1 764,381	3,657	3,193
90	80	12 819	375,723	1 281,960	3,412	2,947
91	81	10 114	285,020	906,237	3,180	2,715
92	82	7 711	208,956	621,217	2,973	2,508
93	83	5 681	148,020	412,261	2,785	2,320
94	84	4 046	101,372	264,241	2,607	2,142
95	85	2 742	66,054	162,870	2,466	2,001
96	86	1 807	41,851	96,816	2,313	1,849
97	87	1 132	25,202	54,965	2,181	1,716
98	88	673	14,418	29,763	2,064	1,599
99	89	380	7,835	15,345	1,959	1,494
100	90	203	4,028	7,510	1,864	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	64 650,467	1 528 135,851	23,637	23,172
12	1	99 213	61 967,915	1 463 485,384	23,617	23,152
13	2	99 182	59 566,098	1 401 517,469	23,529	23,064
14	3	99 161	57 262,798	1 341 951,370	23,435	22,970
15	4	99 137	55 047,173	1 284 688,572	23,338	22,873
16	5	99 113	52 917,207	1 229 641,399	23,237	22,772
17	6	99 080	50 865,009	1 176 724,192	23,134	22,669
18	7	99 044	48 891,104	1 125 859,183	23,028	22,563
19	8	99 002	46 990,339	1 076 968,079	22,919	22,454
20	9	98 954	45 161,355	1 029 977,741	22,807	22,342
21	10	98 903	43 401,998	984 816,385	22,691	22,226
22	11	98 853	41 711,556	941 414,387	22,570	22,105
23	12	98 801	40 086,190	899 702,831	22,444	21,979
24	13	98 748	38 523,666	859 616,641	22,314	21,849
25	14	98 692	37 020,906	821 092,975	22,179	21,714
26	15	98 634	35 576,165	784 072,069	22,039	21,574
27	16	98 575	34 187,365	748 495,904	21,894	21,429
28	17	98 509	32 850,484	714 308,539	21,744	21,279
29	18	98 444	31 566,111	681 458,056	21,588	21,123
30	19	98 367	30 328,473	649 891,945	21,428	20,964
31	20	98 292	29 139,567	619 563,472	21,262	20,797
32	21	98 206	27 994,343	590 423,905	21,091	20,626
33	22	98 121	26 894,328	562 429,563	20,913	20,448
34	23	98 034	25 837,096	535 535,235	20,727	20,263
35	24	97 934	24 817,970	509 698,139	20,537	20,073
36	25	97 830	23 838,205	484 880,169	20,340	19,876
37	26	97 725	22 896,743	461 041,964	20,136	19,671
38	27	97 615	21 991,191	438 145,221	19,924	19,459
39	28	97 491	21 118,570	416 154,030	19,706	19,241
40	29	97 360	20 279,096	395 035,460	19,480	19,015
41	30	97 213	19 469,587	374 756,364	19,248	18,783
42	31	97 055	18 690,409	355 286,777	19,009	18,544
43	32	96 880	17 939,041	336 596,368	18,763	18,299
44	33	96 687	17 214,854	318 657,326	18,511	18,046
45	34	96 480	16 517,140	301 442,473	18,250	17,785
46	35	96 245	15 843,199	284 925,333	17,984	17,519
47	36	95 996	15 194,445	269 082,134	17,709	17,244
48	37	95 712	14 566,893	253 887,690	17,429	16,964
49	38	95 402	13 961,194	239 320,796	17,142	16,677
50	39	95 046	13 374,144	225 359,602	16,850	16,386
51	40	94 655	12 806,883	211 985,458	16,552	16,088
52	41	94 226	12 258,439	199 178,576	16,248	15,783
53	42	93 737	11 725,848	186 920,136	15,941	15,476
54	43	93 192	11 209,324	175 194,288	15,629	15,165
55	44	92 589	10 708,472	163 984,964	15,314	14,849
56	45	91 926	10 222,862	153 276,492	14,994	14,529
57	46	91 197	9 751,679	143 053,630	14,670	14,205
58	47	90 394	9 294,095	133 301,951	14,343	13,878
59	48	89 503	8 848,498	124 007,856	14,015	13,550
60	49	88 533	8 415,983	115 159,358	13,683	13,219
61	50	87 485	7 996,525	106 743,375	13,349	12,884
62	51	86 353	7 589,492	98 746,850	13,011	12,546
63	52	85 118	7 193,170	91 157,358	12,673	12,208
64	53	83 799	6 809,364	83 964,188	12,331	11,866
65	54	82 377	6 436,349	77 154,824	11,987	11,523
66	55	80 867	6 075,354	70 718,475	11,640	11,175
67	56	79 282	5 727,161	64 643,121	11,287	10,822
68	57	77 577	5 388,444	58 915,960	10,934	10,469
69	58	75 822	5 063,994	53 527,516	10,570	10,105
70	59	73 930	4 747,716	48 463,522	10,208	9,743
71	60	71 924	4 441,278	43 715,806	9,843	9,378
72	61	69 792	4 143,838	39 274,529	9,478	9,013
73	62	67 586	3 858,560	35 130,691	9,105	8,640
74	63	65 275	3 583,263	31 272,131	8,727	8,262
75	64	62 840	3 316,930	27 688,868	8,348	7,883
76	65	60 259	3 058,364	24 371,938	7,969	7,504
77	66	57 526	2 807,364	21 313,575	7,592	7,127
78	67	54 671	2 565,418	18 506,211	7,214	6,749
79	68	51 638	2 329,872	15 940,793	6,842	6,377
80	69	48 438	2 101,458	13 610,922	6,477	6,012
81	70	45 091	1 881,002	11 509,463	6,119	5,654
82	71	41 578	1 667,750	9 628,462	5,773	5,309
83	72	37 954	1 463,834	7 960,712	5,438	4,973
84	73	34 235	1 269,609	6 496,878	5,117	4,652
85	74	30 492	1 087,311	5 227,269	4,808	4,343
86	75	26 748	917,122	4 139,958	4,514	4,049
87	76	23 089	761,211	3 222,836	4,234	3,769
88	77	19 582	620,744	2 461,624	3,966	3,501
89	78	16 284	496,369	1 840,880	3,709	3,244
90	79	13 256	388,514	1 344,511	3,461	2,996
91	80	10 518	296,404	955,996	3,225	2,760
92	81	8 067	218,587	659,592	3,018	2,553
93	82	5 982	155,866	441,005	2,829	2,365
94	83	4 296	107,623	285,139	2,649	2,185
95	84	2 940	70,814	177,516	2,507	2,042
96	85	1 958	45,353	106,702	2,353	1,888
97	86	1 242	27,661	61,350	2,218	1,753
98	87	749	16,042	33,688	2,100	1,635
99	88	430	8,851	17,647	1,994	1,529
100	89	234	4,635	8,796	1,898	1,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	62 158,360	1 464 581,125	23,562	23,097
13	1	99 205	59 579,865	1 402 422,766	23,539	23,074
14	2	99 172	57 269,617	1 342 842,901	23,448	22,983
15	3	99 149	55 053,732	1 285 573,284	23,351	22,886
16	4	99 122	52 922,019	1 230 519,551	23,252	22,787
17	5	99 087	50 868,824	1 177 597,532	23,150	22,685
18	6	99 051	48 894,322	1 126 728,708	23,044	22,579
19	7	99 006	46 992,655	1 077 834,386	22,936	22,471
20	8	98 960	45 164,151	1 030 841,731	22,824	22,360
21	9	98 909	43 404,807	985 677,579	22,709	22,244
22	10	98 859	41 714,028	942 272,772	22,589	22,124
23	11	98 808	40 089,176	900 558,745	22,464	21,999
24	12	98 756	38 526,714	860 469,568	22,334	21,870
25	13	98 700	37 024,080	821 942,854	22,200	21,735
26	14	98 644	35 579,898	784 918,774	22,061	21,596
27	15	98 587	34 191,642	749 338,876	21,916	21,451
28	16	98 523	32 855,119	715 147,234	21,767	21,302
29	17	98 458	31 570,733	682 292,114	21,612	21,147
30	18	98 387	30 334,650	650 721,381	21,451	20,987
31	19	98 311	29 145,192	620 386,731	21,286	20,821
32	20	98 224	27 999,527	591 241,538	21,116	20,651
33	21	98 137	26 898,781	563 242,011	20,939	20,474
34	22	98 051	25 841,568	536 343,230	20,755	20,290
35	23	97 955	24 823,356	510 501,662	20,565	20,101
36	24	97 847	23 842,248	485 678,306	20,370	19,906
37	25	97 744	22 901,013	461 836,058	20,167	19,702
38	26	97 634	21 995,471	438 935,045	19,956	19,491
39	27	97 512	21 123,184	416 939,574	19,738	19,274
40	28	97 385	20 284,155	395 816,390	19,514	19,049
41	29	97 238	19 474,626	375 532,235	19,283	18,818
42	30	97 084	18 695,961	356 057,609	19,045	18,580
43	31	96 911	17 944,769	337 361,648	18,800	18,335
44	32	96 721	17 220,830	319 416,879	18,548	18,083
45	33	96 514	16 523,022	302 196,049	18,289	17,825
46	34	96 282	15 849,398	285 673,026	18,024	17,559
47	35	96 034	15 200,563	269 823,628	17,751	17,286
48	36	95 757	14 573,726	254 623,066	17,471	17,007
49	37	95 446	13 967,623	240 049,340	17,186	16,721
50	38	95 102	13 381,981	226 081,717	16,894	16,430
51	39	94 711	12 814,516	212 699,736	16,598	16,134
52	40	94 290	12 266,765	199 885,220	16,295	15,830
53	41	93 809	11 734,800	187 618,455	15,988	15,523
54	42	93 270	11 218,634	175 883,655	15,678	15,213
55	43	92 673	10 718,117	164 665,021	15,363	14,898
56	44	92 020	10 233,301	153 946,904	15,044	14,579
57	45	91 298	9 762,535	143 713,604	14,721	14,256
58	46	90 509	9 305,911	133 951,069	14,394	13,929
59	47	89 631	8 861,201	124 645,158	14,066	13,602
60	48	88 675	8 429,467	115 783,957	13,736	13,271
61	49	87 644	8 011,036	107 354,490	13,401	12,936
62	50	86 524	7 604,478	99 343,454	13,064	12,599
63	51	85 306	7 209,093	91 738,976	12,725	12,261
64	52	84 006	6 826,124	84 529,883	12,383	11,918
65	53	82 603	6 453,988	77 703,758	12,040	11,575
66	54	81 111	6 093,694	71 249,770	11,692	11,228
67	55	79 545	5 746,200	65 156,076	11,339	10,874
68	56	77 858	5 408,015	59 409,876	10,986	10,521
69	57	76 126	5 084,292	54 001,861	10,621	10,156
70	58	74 257	4 768,749	48 917,569	10,258	9,793
71	59	72 273	4 462,833	44 148,820	9,893	9,428
72	60	70 170	4 166,298	39 685,987	9,525	9,061
73	61	67 967	3 880,270	35 519,689	9,154	8,689
74	62	65 674	3 605,170	31 639,419	8,776	8,311
75	63	63 257	3 338,915	28 034,248	8,396	7,931
76	64	60 701	3 080,815	24 695,334	8,016	7,551
77	65	57 991	2 830,039	21 614,519	7,638	7,173
78	66	55 153	2 588,025	18 784,480	7,258	6,793
79	67	52 143	2 352,679	16 196,455	6,884	6,419
80	68	48 938	2 123,146	13 843,776	6,520	6,056
81	69	45 600	1 902,254	11 720,630	6,161	5,697
82	70	42 091	1 688,319	9 818,376	5,815	5,351
83	71	38 469	1 483,702	8 130,057	5,480	5,015
84	72	34 736	1 288,171	6 646,355	5,160	4,695
85	73	30 972	1 104,410	5 358,184	4,852	4,387
86	74	27 214	933,086	4 253,774	4,559	4,094
87	75	23 538	776,008	3 320,688	4,279	3,814
88	76	20 018	634,595	2 544,680	4,010	3,545
89	77	16 693	508,811	1 910,086	3,754	3,289
90	78	13 639	399,747	1 401,275	3,505	3,041
91	79	10 876	306,495	1 001,528	3,268	2,803
92	80	8 389	227,318	695,033	3,058	2,593
93	81	6 258	163,051	467,715	2,869	2,404
94	82	4 523	113,328	304,664	2,688	2,224
95	83	3 121	75,181	191,336	2,545	2,080
96	84	2 099	48,621	116,156	2,389	1,924
97	85	1 346	29,976	67,535	2,253	1,788
98	86	822	17,607	37,558	2,133	1,668
99	87	478	9,847	19,952	2,026	1,561
100	88	264	5,236	10,104	1,930	1,465

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	59 762,970	1 403 435,555	23,483	23,019
14	1	99 195	57 282,853	1 343 672,585	23,457	22,992
15	2	99 160	55 060,289	1 286 389,732	23,363	22,898
16	3	99 134	52 928,325	1 231 329,443	23,264	22,799
17	4	99 096	50 873,450	1 178 401,118	23,163	22,699
18	5	99 058	48 897,989	1 127 527,668	23,059	22,594
19	6	99 013	46 995,749	1 078 629,679	22,952	22,487
20	7	98 965	45 166,378	1 031 633,930	22,841	22,376
21	8	98 916	43 407,494	986 467,552	22,726	22,261
22	9	98 865	41 716,727	943 060,058	22,606	22,141
23	10	98 814	40 091,552	901 343,331	22,482	22,017
24	11	98 763	38 529,584	861 251,779	22,353	21,888
25	12	98 708	37 027,009	822 722,195	22,220	21,755
26	13	98 653	35 582,948	785 695,186	22,081	21,616
27	14	98 597	34 195,231	750 112,237	21,936	21,471
28	15	98 535	32 859,230	715 917,006	21,787	21,323
29	16	98 472	31 575,189	683 057,776	21,633	21,168
30	17	98 402	30 339,092	651 482,588	21,473	21,009
31	18	98 331	29 151,129	621 143,495	21,308	20,843
32	19	98 243	28 004,933	591 992,367	21,139	20,674
33	20	98 155	26 903,763	563 987,433	20,963	20,498
34	21	98 067	25 845,847	537 083,671	20,780	20,315
35	22	97 972	24 827,652	511 237,824	20,591	20,127
36	23	97 868	23 847,422	486 410,171	20,397	19,932
37	24	97 760	22 904,897	462 562,749	20,195	19,730
38	25	97 652	21 999,573	439 657,852	19,985	19,520
39	26	97 531	21 127,295	417 658,279	19,769	19,304
40	27	97 406	20 288,587	396 530,985	19,545	19,080
41	28	97 262	19 479,485	376 242,398	19,315	18,850
42	29	97 109	18 700,800	356 762,913	19,077	18,613
43	30	96 939	17 950,099	338 062,113	18,833	18,369
44	31	96 752	17 226,329	320 112,014	18,583	18,118
45	32	96 547	16 528,759	302 885,685	18,325	17,860
46	33	96 317	15 855,043	286 356,927	18,061	17,596
47	34	96 072	15 206,510	270 501,883	17,789	17,324
48	35	95 796	14 579,594	255 295,373	17,510	17,046
49	36	95 490	13 974,174	240 715,779	17,226	16,761
50	37	95 145	13 388,142	226 741,605	16,936	16,471
51	38	94 767	12 822,026	213 353,462	16,640	16,175
52	39	94 346	12 274,077	200 531,437	16,338	15,873
53	40	93 872	11 742,770	188 257,360	16,032	15,567
54	41	93 341	11 227,199	176 514,591	15,722	15,257
55	42	92 750	10 727,019	165 287,392	15,409	14,944
56	43	92 103	10 242,518	154 560,374	15,090	14,625
57	44	91 392	9 772,503	144 317,855	14,768	14,303
58	45	90 610	9 316,271	134 545,352	14,442	13,977
59	46	89 745	8 872,466	125 229,082	14,114	13,650
60	47	88 802	8 441,568	116 356,615	13,784	13,319
61	48	87 784	8 023,871	107 915,048	13,449	12,984
62	49	86 681	7 618,278	99 891,176	13,112	12,647
63	50	85 475	7 223,328	92 272,898	12,774	12,309
64	51	84 191	6 841,235	85 049,570	12,432	11,967
65	52	82 806	6 469,874	78 208,335	12,088	11,623
66	53	81 334	6 110,394	71 738,461	11,740	11,276
67	54	79 785	5 763,546	65 628,067	11,387	10,922
68	55	78 117	5 425,994	59 864,521	11,033	10,568
69	56	76 402	5 102,758	54 438,527	10,668	10,204
70	57	74 555	4 787,863	49 335,769	10,304	9,840
71	58	72 593	4 482,604	44 547,905	9,938	9,473
72	59	70 510	4 186,519	40 065,302	9,570	9,105
73	60	68 335	3 901,302	35 878,782	9,197	8,732
74	61	66 043	3 625,455	31 977,480	8,820	8,355
75	62	63 643	3 359,328	28 352,025	8,440	7,975
76	63	61 104	3 101,234	24 992,697	8,059	7,594
77	64	58 417	2 850,814	21 891,463	7,679	7,214
78	65	55 598	2 608,928	19 040,649	7,298	6,833
79	66	52 603	2 373,412	16 431,721	6,923	6,458
80	67	49 417	2 143,930	14 058,309	6,557	6,092
81	68	46 071	1 921,886	11 914,379	6,199	5,734
82	69	42 566	1 707,395	9 992,493	5,852	5,388
83	70	38 944	1 502,001	8 285,098	5,516	5,051
84	71	35 207	1 305,654	6 783,097	5,195	4,730
85	72	31 424	1 120,556	5 477,443	4,888	4,423
86	73	27 642	947,760	4 356,886	4,597	4,132
87	74	23 948	789,515	3 409,127	4,318	3,853
88	75	20 408	646,930	2 619,611	4,049	3,584
89	76	17 065	520,164	1 972,681	3,792	3,328
90	77	13 981	409,767	1 452,517	3,545	3,080
91	78	11 190	315,357	1 042,750	3,307	2,842
92	79	8 674	235,057	727,394	3,095	2,630
93	80	6 508	169,563	492,337	2,904	2,439
94	81	4 732	118,551	322,774	2,723	2,258
95	82	3 286	79,166	204,222	2,580	2,115
96	83	2 228	51,619	125,056	2,423	1,958
97	84	1 443	32,136	73,437	2,285	1,820
98	85	891	19,080	41,301	2,165	1,700
99	86	525	10,808	22,221	2,056	1,591
100	87	294	5,826	11,412	1,959	1,494

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	57 458,899	1 344 609,017	23,401	22,936
15	1	99 183	55 073,014	1 287 150,118	23,372	22,907
16	2	99 146	52 934,628	1 232 077,104	23,275	22,811
17	3	99 108	50 879,512	1 179 142,476	23,175	22,710
18	4	99 067	48 902,436	1 128 262,964	23,072	22,607
19	5	99 020	46 999,273	1 079 360,528	22,965	22,501
20	6	98 972	45 169,351	1 032 361,254	22,855	22,391
21	7	98 920	43 409,634	987 191,903	22,741	22,276
22	8	98 871	41 719,310	943 782,269	22,622	22,157
23	9	98 821	40 094,146	902 062,959	22,499	22,034
24	10	98 769	38 531,867	861 968,813	22,370	21,905
25	11	98 715	37 029,768	823 436,946	22,237	21,772
26	12	98 660	35 585,764	786 407,178	22,099	21,634
27	13	98 606	34 198,162	750 821,414	21,955	21,490
28	14	98 545	32 862,679	716 623,252	21,807	21,342
29	15	98 484	31 579,139	683 760,574	21,652	21,187
30	16	98 416	30 343,374	652 181,434	21,493	21,029
31	17	98 345	29 155,398	621 838,060	21,328	20,864
32	18	98 263	28 010,637	592 682,663	21,159	20,694
33	19	98 174	26 908,957	564 672,026	20,985	20,520
34	20	98 085	25 850,634	537 763,069	20,803	20,338
35	21	97 988	24 831,764	511 912,435	20,615	20,150
36	22	97 885	23 851,550	487 080,672	20,421	19,957
37	23	97 781	22 909,868	463 229,122	20,220	19,755
38	24	97 669	22 003,304	440 319,254	20,012	19,547
39	25	97 550	21 131,235	418 315,950	19,796	19,331
40	26	97 425	20 292,535	397 184,715	19,573	19,108
41	27	97 284	19 483,740	376 892,180	19,344	18,879
42	28	97 133	18 705,465	357 408,440	19,107	18,642
43	29	96 965	17 954,745	338 702,975	18,864	18,399
44	30	96 781	17 231,445	320 748,229	18,614	18,149
45	31	96 578	16 534,036	303 516,784	18,357	17,892
46	32	96 350	15 860,548	286 982,747	18,094	17,629
47	33	96 106	15 211,926	271 122,200	17,823	17,358
48	34	95 833	14 585,299	255 910,274	17,546	17,081
49	35	95 529	13 979,801	241 324,975	17,262	16,798
50	36	95 190	13 394,422	227 345,174	16,973	16,508
51	37	94 811	12 827,929	213 950,752	16,679	16,214
52	38	94 401	12 281,269	201 122,822	16,376	15,912
53	39	93 928	11 749,769	188 841,553	16,072	15,607
54	40	93 404	11 234,824	177 091,784	15,763	15,298
55	41	92 821	10 735,208	165 856,960	15,450	14,985
56	42	92 179	10 251,025	155 121,752	15,132	14,667
57	43	91 474	9 781,306	144 870,728	14,811	14,346
58	44	90 702	9 325,783	135 089,422	14,486	14,021
59	45	89 845	8 882,343	125 763,639	14,159	13,694
60	46	88 915	8 452,300	116 881,296	13,828	13,364
61	47	87 910	8 035,390	108 428,996	13,494	13,029
62	48	86 820	7 630,484	100 393,606	13,157	12,692
63	49	85 630	7 236,436	92 763,122	12,819	12,354
64	50	84 358	6 854,744	85 526,685	12,477	12,012
65	51	82 990	6 484,196	78 671,942	12,133	11,668
66	52	81 534	6 125,434	72 187,746	11,785	11,320
67	53	80 004	5 779,342	66 062,312	11,431	10,966
68	54	78 353	5 442,373	60 282,970	11,077	10,612
69	55	76 656	5 119,722	54 840,596	10,712	10,247
70	56	74 826	4 805,253	49 720,875	10,347	9,882
71	57	72 884	4 500,571	44 915,622	9,980	9,515
72	58	70 823	4 205,066	40 415,050	9,611	9,146
73	59	68 667	3 920,237	36 209,985	9,237	8,772
74	60	66 401	3 645,106	32 289,747	8,858	8,394
75	61	64 001	3 378,230	28 644,642	8,479	8,014
76	62	61 477	3 120,195	25 266,412	8,098	7,633
77	63	58 804	2 869,709	22 146,217	7,717	7,252
78	64	56 007	2 628,080	19 276,508	7,335	6,870
79	65	53 027	2 392,582	16 648,428	6,958	6,494
80	66	49 853	2 162,823	14 255,846	6,591	6,126
81	67	46 522	1 940,699	12 093,023	6,231	5,766
82	68	43 006	1 725,015	10 152,324	5,885	5,421
83	69	39 384	1 518,971	8 427,308	5,548	5,083
84	70	35 641	1 321,758	6 908,337	5,227	4,762
85	71	31 851	1 135,765	5 586,579	4,919	4,454
86	72	28 046	961,616	4 450,814	4,628	4,164
87	73	24 324	801,931	3 489,198	4,351	3,886
88	74	20 763	658,191	2 687,267	4,083	3,618
89	75	17 397	530,275	2 029,076	3,826	3,362
90	76	14 293	418,910	1 498,801	3,578	3,113
91	77	11 471	323,261	1 079,891	3,341	2,876
92	78	8 925	241,853	756,630	3,128	2,664
93	79	6 729	175,336	514,777	2,936	2,471
94	80	4 921	123,287	339,441	2,753	2,288
95	81	3 438	82,815	216,155	2,610	2,145
96	82	2 347	54,356	133,340	2,453	1,988
97	83	1 532	34,118	78,984	2,315	1,850
98	84	955	20,455	44,866	2,193	1,729
99	85	569	11,713	24,411	2,084	1,619
100	86	323	6,394	12,698	1,986	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	55 242,268	1 288 016,247	23,316	22,851
16	1	99 168	52 946,862	1 232 773,979	23,283	22,818
17	2	99 120	50 885,571	1 179 827,117	23,186	22,721
18	3	99 079	48 908,263	1 128 941,545	23,083	22,618
19	4	99 029	47 003,547	1 080 033,283	22,978	22,513
20	5	98 979	45 172,739	1 033 029,735	22,868	22,404
21	6	98 927	43 412,492	987 856,996	22,755	22,290
22	7	98 876	41 721,367	944 444,504	22,637	22,172
23	8	98 827	40 096,629	902 723,138	22,514	22,049
24	9	98 775	38 534,360	862 626,509	22,386	21,921
25	10	98 721	37 031,962	824 092,149	22,254	21,789
26	11	98 668	35 588,415	787 060,187	22,116	21,651
27	12	98 614	34 200,868	751 471,772	21,972	21,507
28	13	98 554	32 865,496	717 270,904	21,824	21,360
29	14	98 495	31 582,453	684 405,408	21,670	21,206
30	15	98 428	30 347,170	652 822,955	21,512	21,047
31	16	98 359	29 159,512	622 475,785	21,347	20,882
32	17	98 277	28 014,739	593 316,273	21,179	20,714
33	18	98 194	26 914,438	565 301,533	21,004	20,539
34	19	98 104	25 855,625	538 387,096	20,823	20,358
35	20	98 006	24 836,362	512 531,471	20,636	20,172
36	21	97 901	23 855,499	487 695,109	20,444	19,979
37	22	97 798	22 913,834	463 839,610	20,243	19,778
38	23	97 690	22 008,079	440 925,776	20,035	19,570
39	24	97 566	21 134,819	418 917,697	19,821	19,356
40	25	97 443	20 296,320	397 782,878	19,599	19,134
41	26	97 302	19 487,532	377 486,559	19,371	18,906
42	27	97 155	18 709,552	357 999,027	19,135	18,670
43	28	96 989	17 959,224	339 289,475	18,892	18,427
44	29	96 806	17 235,906	321 330,251	18,643	18,178
45	30	96 607	16 538,947	304 094,345	18,387	17,922
46	31	96 381	15 865,612	287 555,398	18,124	17,660
47	32	96 140	15 217,207	271 689,786	17,854	17,389
48	33	95 867	14 590,494	256 472,579	17,578	17,113
49	34	95 566	13 985,271	241 882,085	17,295	16,831
50	35	95 228	13 399,816	227 896,814	17,007	16,543
51	36	94 855	12 833,946	214 496,998	16,713	16,248
52	37	94 445	12 286,924	201 663,052	16,413	15,948
53	38	93 983	11 756,654	189 376,128	16,108	15,643
54	39	93 460	11 241,520	177 619,474	15,800	15,335
55	40	92 884	10 742,499	166 377,954	15,488	15,023
56	41	92 250	10 258,851	155 635,455	15,171	14,706
57	42	91 550	9 789,429	145 376,604	14,850	14,386
58	43	90 784	9 334,183	135 587,175	14,526	14,061
59	44	89 937	8 891,413	126 252,992	14,199	13,735
60	45	89 014	8 461,709	117 361,579	13,870	13,405
61	46	88 022	8 045,606	108 899,870	13,535	13,071
62	47	86 945	7 641,438	100 854,264	13,198	12,734
63	48	85 767	7 248,030	93 212,825	12,860	12,396
64	49	84 511	6 867,183	85 964,795	12,518	12,053
65	50	83 153	6 496,999	79 097,612	12,174	11,710
66	51	81 714	6 138,994	72 600,613	11,826	11,361
67	52	80 201	5 793,567	66 461,619	11,472	11,007
68	53	78 568	5 457,289	60 668,052	11,117	10,652
69	54	76 888	5 135,177	55 210,763	10,751	10,287
70	55	75 074	4 821,227	50 075,587	10,386	9,922
71	56	73 149	4 516,918	45 254,359	10,019	9,554
72	57	71 107	4 221,921	40 737,441	9,649	9,184
73	58	68 971	3 937,604	36 515,521	9,274	8,809
74	59	66 724	3 662,797	32 577,916	8,894	8,429
75	60	64 348	3 396,540	28 915,119	8,513	8,048
76	61	61 823	3 137,751	25 518,579	8,133	7,668
77	62	59 163	2 887,254	22 380,828	7,752	7,287
78	63	56 378	2 645,499	19 493,574	7,369	6,904
79	64	53 417	2 410,145	16 848,075	6,990	6,526
80	65	50 255	2 180,292	14 437,930	6,622	6,157
81	66	46 932	1 957,802	12 257,638	6,261	5,796
82	67	43 427	1 741,902	10 299,836	5,913	5,448
83	68	39 790	1 534,648	8 557,934	5,576	5,112
84	69	36 044	1 336,692	7 023,286	5,254	4,789
85	70	32 244	1 149,773	5 686,595	4,946	4,481
86	71	28 427	974,667	4 536,822	4,655	4,190
87	72	24 680	813,656	3 562,155	4,378	3,913
88	73	21 089	668,542	2 748,499	4,111	3,646
89	74	17 700	539,505	2 079,957	3,855	3,390
90	75	14 571	427,053	1 540,452	3,607	3,142
91	76	11 727	330,474	1 113,399	3,369	2,904
92	77	9 149	247,915	782,926	3,158	2,693
93	78	6 924	180,406	535,011	2,966	2,501
94	79	5 088	127,484	354,605	2,782	2,317
95	80	3 575	86,123	227,121	2,637	2,172
96	81	2 455	56,861	140,999	2,480	2,015
97	82	1 613	35,926	84,138	2,342	1,877
98	83	1 014	21,717	48,211	2,220	1,755
99	84	610	12,557	26,495	2,110	1,645
100	85	350	6,929	13,938	2,011	1,547

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	53 109,582	1 233 575,355	23,227	22,762
17	1	99 143	50 897,331	1 180 465,773	23,193	22,728
18	2	99 091	48 914,088	1 129 568,442	23,093	22,628
19	3	99 041	47 009,148	1 080 654,354	22,988	22,523
20	4	98 988	45 176,847	1 033 645,206	22,880	22,415
21	5	98 934	43 415,748	988 468,359	22,768	22,303
22	6	98 883	41 724,113	945 052,612	22,650	22,185
23	7	98 832	40 098,605	903 328,498	22,528	22,063
24	8	98 781	38 536,746	863 229,893	22,400	21,935
25	9	98 728	37 034,358	824 693,147	22,268	21,804
26	10	98 674	35 590,524	787 658,789	22,131	21,666
27	11	98 621	34 203,415	752 068,265	21,988	21,523
28	12	98 562	32 868,096	717 864,850	21,841	21,376
29	13	98 503	31 585,161	684 996,753	21,687	21,222
30	14	98 438	30 350,355	653 411,592	21,529	21,064
31	15	98 371	29 163,160	623 061,237	21,365	20,900
32	16	98 291	28 018,693	593 898,077	21,196	20,732
33	17	98 209	26 918,379	565 879,384	21,022	20,557
34	18	98 124	25 860,891	538 961,005	20,841	20,376
35	19	98 025	24 841,157	513 100,114	20,655	20,190
36	20	97 919	23 859,917	488 258,957	20,464	19,999
37	21	97 814	22 917,628	464 399,040	20,264	19,799
38	22	97 707	22 011,888	441 481,412	20,056	19,592
39	23	97 587	21 139,405	419 469,524	19,843	19,378
40	24	97 460	20 299,762	398 330,118	19,622	19,158
41	25	97 321	19 491,166	378 030,357	19,395	18,930
42	26	97 174	18 713,193	358 539,190	19,160	18,695
43	27	97 010	17 963,148	339 825,997	18,918	18,453
44	28	96 830	17 240,205	321 862,849	18,669	18,204
45	29	96 632	16 543,228	304 622,644	18,414	17,949
46	30	96 409	15 870,324	288 079,415	18,152	17,687
47	31	96 170	15 222,066	272 209,091	17,883	17,418
48	32	95 901	14 595,559	256 987,025	17,607	17,142
49	33	95 600	13 990,252	242 391,466	17,326	16,861
50	34	95 266	13 405,059	228 401,214	17,038	16,574
51	35	94 893	12 839,114	214 996,156	16,745	16,281
52	36	94 489	12 292,687	202 157,042	16,445	15,980
53	37	94 027	11 762,068	189 864,354	16,142	15,677
54	38	93 515	11 248,108	178 102,287	15,834	15,369
55	39	92 939	10 748,902	166 854,179	15,523	15,058
56	40	92 313	10 265,818	156 105,277	15,206	14,741
57	41	91 620	9 796,903	145 839,459	14,886	14,421
58	42	90 860	9 341,935	136 042,556	14,563	14,098
59	43	90 018	8 899,421	126 700,621	14,237	13,772
60	44	89 105	8 470,349	117 801,199	13,907	13,443
61	45	88 120	8 054,562	109 330,850	13,574	13,109
62	46	87 055	7 651,153	101 276,288	13,237	12,772
63	47	85 890	7 258,435	93 625,135	12,899	12,434
64	48	84 646	6 878,185	86 366,699	12,557	12,092
65	49	83 304	6 508,790	79 488,514	12,212	11,748
66	50	81 876	6 151,116	72 979,724	11,864	11,400
67	51	80 379	5 806,392	66 828,609	11,509	11,045
68	52	78 761	5 470,721	61 022,217	11,154	10,690
69	53	77 098	5 149,250	55 551,495	10,788	10,323
70	54	75 301	4 835,781	50 402,245	10,423	9,958
71	55	73 392	4 531,934	45 566,464	10,055	9,590
72	56	71 365	4 237,255	41 034,530	9,684	9,219
73	57	69 247	3 953,387	36 797,275	9,308	8,843
74	58	67 019	3 679,024	32 843,888	8,927	8,463
75	59	64 661	3 413,025	29 164,864	8,545	8,080
76	60	62 158	3 154,758	25 751,839	8,163	7,698
77	61	59 496	2 903,499	22 597,081	7,783	7,318
78	62	56 722	2 661,673	19 693,582	7,399	6,934
79	63	53 771	2 426,120	17 031,908	7,020	6,555
80	64	50 624	2 196,297	14 605,788	6,650	6,185
81	65	47 311	1 973,615	12 409,491	6,288	5,823
82	66	43 809	1 757,252	10 435,877	5,939	5,474
83	67	40 180	1 549,671	8 678,624	5,600	5,135
84	68	36 416	1 350,487	7 128,953	5,279	4,814
85	69	32 608	1 162,764	5 778,467	4,970	4,505
86	70	28 777	986,688	4 615,703	4,678	4,213
87	71	25 015	824,699	3 629,015	4,400	3,936
88	72	21 398	678,316	2 804,316	4,134	3,669
89	73	17 978	547,989	2 126,000	3,880	3,415
90	74	14 824	434,486	1 578,011	3,632	3,167
91	75	11 955	336,898	1 143,525	3,394	2,929
92	76	9 353	253,447	806,627	3,183	2,718
93	77	7 097	184,927	553,181	2,991	2,527
94	78	5 236	131,170	368,253	2,807	2,343
95	79	3 697	89,055	237,083	2,662	2,197
96	80	2 553	59,132	148,029	2,503	2,039
97	81	1 687	37,582	88,897	2,365	1,901
98	82	1 068	22,868	51,314	2,244	1,779
99	83	647	13,331	28,446	2,134	1,669
100	84	375	7,429	15,115	2,035	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	51 053,753	1 181 207,470	23,137	22,672
18	1	99 114	48 925,392	1 130 153,717	23,100	22,635
19	2	99 053	47 014,747	1 081 228,325	22,998	22,533
20	3	99 000	45 182,230	1 034 213,578	22,890	22,425
21	4	98 943	43 419,696	989 031,348	22,778	22,314
22	5	98 890	41 727,243	945 611,652	22,662	22,197
23	6	98 838	40 101,245	903 884,410	22,540	22,075
24	7	98 786	38 538,646	863 783,165	22,413	21,949
25	8	98 734	37 036,651	825 244,519	22,282	21,817
26	9	98 680	35 592,827	788 207,867	22,145	21,680
27	10	98 627	34 205,442	752 615,041	22,003	21,538
28	11	98 569	32 870,545	718 409,599	21,856	21,391
29	12	98 511	31 587,660	685 539,054	21,703	21,238
30	13	98 447	30 352,957	653 951,394	21,545	21,080
31	14	98 382	29 166,221	623 598,437	21,381	20,916
32	15	98 304	28 022,198	594 432,216	21,213	20,748
33	16	98 222	26 922,178	566 410,018	21,039	20,574
34	17	98 139	25 864,678	539 487,840	20,858	20,393
35	18	98 045	24 846,217	513 623,162	20,672	20,207
36	19	97 938	23 864,524	488 776,945	20,481	20,016
37	20	97 833	22 921,872	464 912,421	20,282	19,818
38	21	97 723	22 015,533	441 990,549	20,076	19,611
39	22	97 604	21 143,064	419 975,016	19,863	19,399
40	23	97 481	20 304,168	398 831,952	19,643	19,178
41	24	97 337	19 494,472	378 527,784	19,417	18,952
42	25	97 192	18 716,683	359 033,312	19,183	18,718
43	26	97 029	17 966,644	340 316,630	18,942	18,477
44	27	96 851	17 243,972	322 349,986	18,693	18,229
45	28	96 656	16 547,355	305 106,014	18,438	17,974
46	29	96 434	15 874,432	288 558,659	18,178	17,713
47	30	96 199	15 226,587	272 684,226	17,908	17,444
48	31	95 931	14 600,219	257 457,639	17,634	17,169
49	32	95 633	13 995,109	242 857,420	17,353	16,888
50	33	95 299	13 409,833	228 862,311	17,067	16,602
51	34	94 930	12 844,138	215 452,478	16,774	16,310
52	35	94 527	12 297,637	202 608,340	16,475	16,011
53	36	94 071	11 767,585	190 310,703	16,172	15,708
54	37	93 558	11 253,287	178 543,118	15,866	15,401
55	38	92 993	10 755,201	167 289,832	15,554	15,089
56	39	92 368	10 271,937	156 534,631	15,239	14,774
57	40	91 682	9 803,556	146 262,694	14,919	14,455
58	41	90 929	9 349,067	136 459,137	14,596	14,131
59	42	90 093	8 906,812	127 110,070	14,271	13,806
60	43	89 185	8 477,979	118 203,257	13,942	13,478
61	44	88 210	8 062,787	109 725,279	13,609	13,144
62	45	87 152	7 659,670	101 662,492	13,272	12,808
63	46	85 999	7 267,663	94 002,821	12,934	12,470
64	47	84 768	6 888,060	86 735,158	12,592	12,127
65	48	83 438	6 519,218	79 847,099	12,248	11,783
66	49	82 024	6 162,278	73 327,881	11,899	11,435
67	50	80 537	5 817,857	67 165,603	11,545	11,080
68	51	78 935	5 482,832	61 347,746	11,189	10,724
69	52	77 288	5 161,924	55 864,914	10,822	10,358
70	53	75 507	4 849,034	50 702,990	10,456	9,991
71	54	73 614	4 545,614	45 853,955	10,088	9,623
72	55	71 602	4 251,341	41 308,341	9,717	9,252
73	56	69 499	3 967,746	37 056,999	9,340	8,875
74	57	67 288	3 693,770	33 089,253	8,958	8,493
75	58	64 947	3 428,145	29 395,483	8,575	8,110
76	59	62 460	3 170,070	25 967,338	8,191	7,727
77	60	59 819	2 919,237	22 797,268	7,809	7,345
78	61	57 042	2 676,649	19 878,031	7,426	6,962
79	62	54 099	2 440,953	17 201,382	7,047	6,582
80	63	50 960	2 210,854	14 760,429	6,676	6,212
81	64	47 658	1 988,103	12 549,575	6,312	5,848
82	65	44 163	1 771,445	10 561,472	5,962	5,497
83	66	40 534	1 563,327	8 790,027	5,623	5,158
84	67	36 772	1 363,707	7 226,700	5,299	4,834
85	68	32 945	1 174,764	5 862,993	4,991	4,526
86	69	29 102	997,836	4 688,229	4,698	4,234
87	70	25 323	834,870	3 690,393	4,420	3,955
88	71	21 688	687,522	2 855,522	4,153	3,689
89	72	18 241	556,001	2 168,001	3,899	3,434
90	73	15 058	441,319	1 612,000	3,653	3,188
91	74	12 163	342,762	1 170,680	3,415	2,951
92	75	9 535	258,373	827,919	3,204	2,740
93	76	7 256	189,054	569,546	3,013	2,548
94	77	5 367	134,457	380,492	2,830	2,365
95	78	3 804	91,629	246,035	2,685	2,220
96	79	2 640	61,145	154,405	2,525	2,060
97	80	1 755	39,084	93,260	2,386	1,921
98	81	1 117	23,922	54,176	2,265	1,800
99	82	682	14,038	30,254	2,155	1,690
100	83	398	7,887	16,216	2,056	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	49 075,753	1 130 840,389	23,043	22,578
19	1	99 076	47 025,612	1 081 764,636	23,004	22,539
20	2	99 012	45 187,611	1 034 739,023	22,899	22,434
21	3	98 955	43 424,870	989 551,413	22,788	22,323
22	4	98 899	41 731,037	946 126,543	22,672	22,207
23	5	98 846	40 104,253	904 395,506	22,551	22,086
24	6	98 793	38 541,183	864 291,253	22,425	21,960
25	7	98 739	37 038,477	825 750,070	22,294	21,830
26	8	98 686	35 595,030	788 711,593	22,158	21,693
27	9	98 633	34 207,656	753 116,563	22,016	21,551
28	10	98 575	32 872,492	718 908,907	21,870	21,405
29	11	98 518	31 590,013	686 036,415	21,717	21,252
30	12	98 454	30 355,359	654 446,402	21,560	21,095
31	13	98 390	29 168,721	624 091,043	21,396	20,931
32	14	98 314	28 025,139	594 922,322	21,228	20,763
33	15	98 235	26 925,546	566 897,183	21,054	20,589
34	16	98 153	25 868,328	539 971,637	20,874	20,409
35	17	98 060	24 849,856	514 103,309	20,688	20,224
36	18	97 958	23 869,385	489 253,453	20,497	20,032
37	19	97 851	22 926,297	465 384,069	20,299	19,834
38	20	97 741	22 019,610	442 457,771	20,094	19,629
39	21	97 620	21 146,565	420 438,161	19,882	19,417
40	22	97 498	20 307,682	399 291,596	19,662	19,197
41	23	97 358	19 498,703	378 983,914	19,436	18,972
42	24	97 208	18 719,857	359 485,211	19,203	18,739
43	25	97 047	17 969,995	340 765,354	18,963	18,498
44	26	96 870	17 247,328	322 795,359	18,716	18,251
45	27	96 677	16 550,970	305 548,031	18,461	17,996
46	28	96 458	15 878,392	288 997,061	18,201	17,736
47	29	96 224	15 230,529	273 118,669	17,932	17,467
48	30	95 960	14 604,556	257 888,140	17,658	17,193
49	31	95 664	13 999,578	243 283,584	17,378	16,913
50	32	95 333	13 414,489	229 284,007	17,092	16,627
51	33	94 964	12 848,712	215 869,518	16,801	16,336
52	34	94 564	12 302,449	203 020,806	16,502	16,038
53	35	94 109	11 772,323	190 718,357	16,201	15,736
54	36	93 602	11 258,565	178 946,034	15,894	15,429
55	37	93 036	10 760,153	167 687,469	15,584	15,119
56	38	92 422	10 277,957	156 927,316	15,268	14,804
57	39	91 737	9 809,400	146 649,359	14,950	14,485
58	40	90 991	9 355,417	136 839,960	14,627	14,162
59	41	90 161	8 913,612	127 484,543	14,302	13,837
60	42	89 259	8 485,020	118 570,930	13,974	13,509
61	43	88 290	8 070,049	110 085,911	13,641	13,176
62	44	87 241	7 667,492	102 015,861	13,305	12,840
63	45	86 095	7 275,754	94 348,370	12,968	12,503
64	46	84 876	6 896,817	87 072,616	12,625	12,160
65	47	83 558	6 528,577	80 175,800	12,281	11,816
66	48	82 156	6 172,151	73 647,223	11,932	11,467
67	49	80 683	5 828,415	67 475,072	11,577	11,112
68	50	79 091	5 493,658	61 646,657	11,221	10,757
69	51	77 459	5 173,351	56 152,999	10,854	10,389
70	52	75 693	4 860,970	50 979,648	10,488	10,023
71	53	73 816	4 558,072	46 118,678	10,118	9,653
72	54	71 818	4 264,175	41 560,606	9,746	9,282
73	55	69 730	3 980,936	37 296,431	9,369	8,904
74	56	67 532	3 707,186	33 315,495	8,987	8,522
75	57	65 207	3 441,886	29 608,309	8,602	8,138
76	58	62 737	3 184,113	26 166,422	8,218	7,753
77	59	60 109	2 933,405	22 982,309	7,835	7,370
78	60	57 351	2 691,157	20 048,904	7,450	6,985
79	61	54 404	2 454,687	17 357,746	7,071	6,606
80	62	51 271	2 224,371	14 903,059	6,700	6,235
81	63	47 974	2 001,280	12 678,688	6,335	5,870
82	64	44 488	1 784,449	10 677,408	5,984	5,519
83	65	40 861	1 575,954	8 892,959	5,643	5,178
84	66	37 096	1 375,724	7 317,005	5,319	4,854
85	67	33 267	1 186,264	5 941,281	5,008	4,544
86	68	29 403	1 008,134	4 755,017	4,717	4,252
87	69	25 609	844,303	3 746,883	4,438	3,973
88	70	21 956	696,002	2 902,580	4,170	3,706
89	71	18 488	563,547	2 206,578	3,916	3,451
90	72	15 278	447,771	1 643,031	3,669	3,205
91	73	12 354	348,152	1 195,260	3,433	2,968
92	74	9 701	262,870	847,108	3,223	2,758
93	75	7 397	192,728	584,237	3,031	2,567
94	76	5 487	137,458	391,509	2,848	2,383
95	77	3 899	93,926	254,051	2,705	2,240
96	78	2 716	62,913	160,125	2,545	2,080
97	79	1 815	40,414	97,212	2,405	1,941
98	80	1 162	24,878	56,798	2,283	1,818
99	81	713	14,685	31,920	2,174	1,709
100	82	419	8,305	17,235	2,075	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	47 170,135	1 082 400,542	22,947	22,482
20	1	99 035	45 198,054	1 035 230,407	22,904	22,439
21	2	98 967	43 430,041	990 032,353	22,796	22,331
22	3	98 911	41 736,009	946 602,312	22,681	22,216
23	4	98 855	40 107,900	904 866,302	22,561	22,096
24	5	98 800	38 544,073	864 758,402	22,436	21,971
25	6	98 745	37 040,915	826 214,329	22,305	21,841
26	7	98 691	35 596,785	789 173,413	22,170	21,705
27	8	98 639	34 209,774	753 576,628	22,028	21,563
28	9	98 581	32 874,620	719 366,855	21,882	21,417
29	10	98 524	31 591,885	686 492,235	21,730	21,265
30	11	98 462	30 357,620	654 900,350	21,573	21,108
31	12	98 398	29 171,029	624 542,730	21,410	20,945
32	13	98 322	28 027,542	595 371,701	21,242	20,778
33	14	98 245	26 928,372	567 344,160	21,069	20,604
34	15	98 165	25 871,565	540 415,788	20,888	20,424
35	16	98 074	24 853,362	514 544,223	20,703	20,238
36	17	97 973	23 872,880	489 690,861	20,512	20,048
37	18	97 871	22 930,967	465 817,981	20,314	19,849
38	19	97 760	22 023,861	442 887,014	20,109	19,645
39	20	97 638	21 150,482	420 863,152	19,899	19,434
40	21	97 514	20 311,044	399 712,670	19,680	19,215
41	22	97 375	19 502,078	379 401,626	19,454	18,990
42	23	97 229	18 723,920	359 899,548	19,221	18,757
43	24	97 063	17 973,042	341 175,628	18,983	18,518
44	25	96 888	17 250,544	323 202,586	18,736	18,271
45	26	96 696	16 554,191	305 952,042	18,482	18,017
46	27	96 479	15 881,861	289 397,850	18,222	17,757
47	28	96 248	15 234,328	273 515,989	17,954	17,489
48	29	95 984	14 608,336	258 281,661	17,680	17,216
49	30	95 692	14 003,736	243 673,325	17,401	16,936
50	31	95 363	13 418,772	229 669,589	17,116	16,651
51	32	94 997	12 853,173	216 250,817	16,825	16,360
52	33	94 598	12 306,830	203 397,645	16,527	16,062
53	34	94 145	11 776,929	191 090,814	16,226	15,761
54	35	93 639	11 263,099	179 313,885	15,920	15,456
55	36	93 080	10 765,200	168 050,787	15,611	15,146
56	37	92 464	10 282,689	157 285,586	15,296	14,831
57	38	91 790	9 815,148	147 002,897	14,977	14,512
58	39	91 045	9 360,993	137 187,749	14,655	14,190
59	40	90 223	8 919,666	127 826,756	14,331	13,866
60	41	89 327	8 491,498	118 907,090	14,003	13,538
61	42	88 363	8 076,751	110 415,592	13,671	13,206
62	43	87 320	7 674,398	102 338,841	13,335	12,870
63	44	86 183	7 283,183	94 664,443	12,998	12,533
64	45	84 970	6 904,494	87 381,260	12,656	12,191
65	46	83 664	6 536,877	80 476,766	12,311	11,846
66	47	82 274	6 181,012	73 939,889	11,962	11,498
67	48	80 813	5 837,753	67 758,877	11,607	11,142
68	49	79 235	5 503,627	61 921,125	11,251	10,786
69	50	77 612	5 183,566	56 417,497	10,884	10,419
70	51	75 861	4 871,730	51 233,931	10,517	10,052
71	52	73 997	4 569,291	46 362,201	10,146	9,682
72	53	72 015	4 275,861	41 792,910	9,774	9,309
73	54	69 940	3 992,954	37 517,048	9,396	8,931
74	55	67 757	3 719,510	33 524,094	9,013	8,548
75	56	65 444	3 454,387	29 804,584	8,628	8,163
76	57	62 988	3 196,876	26 350,197	8,242	7,778
77	58	60 375	2 946,400	23 153,321	7,858	7,393
78	59	57 629	2 704,219	20 206,920	7,472	7,008
79	60	54 699	2 467,992	17 502,701	7,092	6,627
80	61	51 560	2 236,887	15 034,709	6,721	6,256
81	62	48 268	2 013,515	12 797,823	6,356	5,891
82	63	44 782	1 796,277	10 784,307	6,004	5,539
83	64	41 161	1 587,523	8 988,030	5,662	5,197
84	65	37 396	1 386,836	7 400,508	5,336	4,871
85	66	33 560	1 196,718	6 013,672	5,025	4,560
86	67	29 690	1 018,003	4 816,954	4,732	4,267
87	68	25 874	853,016	3 798,951	4,454	3,989
88	69	22 204	703,865	2 945,935	4,185	3,721
89	70	18 716	570,498	2 242,069	3,930	3,465
90	71	15 485	453,848	1 671,571	3,683	3,218
91	72	12 534	353,242	1 217,723	3,447	2,982
92	73	9 853	267,004	864,481	3,238	2,773
93	74	7 526	196,083	597,477	3,047	2,582
94	75	5 593	140,130	401,393	2,864	2,400
95	76	3 986	96,022	261,264	2,721	2,256
96	77	2 784	64,490	165,242	2,562	2,097
97	78	1 867	41,583	100,752	2,423	1,958
98	79	1 201	25,724	59,169	2,300	1,835
99	80	742	15,271	33,445	2,190	1,725
100	81	439	8,688	18,173	2,092	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	45 336,960	1 035 819,461	22,847	22,382
21	1	98 990	43 440,078	990 482,501	22,801	22,336
22	2	98 923	41 740,980	947 042,423	22,689	22,224
23	3	98 866	40 112,679	905 301,443	22,569	22,104
24	4	98 809	38 547,579	865 188,764	22,445	21,980
25	5	98 752	37 043,693	826 641,185	22,315	21,850
26	6	98 698	35 599,128	789 597,492	22,180	21,715
27	7	98 644	34 211,460	753 998,363	22,039	21,575
28	8	98 587	32 876,655	719 786,903	21,894	21,429
29	9	98 530	31 593,929	686 910,248	21,742	21,277
30	10	98 468	30 359,419	655 316,319	21,585	21,120
31	11	98 405	29 173,202	624 956,900	21,422	20,957
32	12	98 330	28 029,759	595 783,698	21,255	20,791
33	13	98 253	26 930,680	567 753,939	21,082	20,617
34	14	98 175	25 874,280	540 823,259	20,902	20,437
35	15	98 086	24 856,472	514 948,979	20,717	20,252
36	16	97 987	23 876,249	490 092,507	20,526	20,062
37	17	97 886	22 934,325	466 216,258	20,328	19,863
38	18	97 780	22 028,347	443 281,933	20,123	19,658
39	19	97 657	21 154,565	421 253,585	19,913	19,448
40	20	97 532	20 314,806	400 099,020	19,695	19,230
41	21	97 391	19 505,307	379 784,214	19,471	19,006
42	22	97 246	18 727,161	360 278,907	19,238	18,773
43	23	97 084	17 976,943	341 551,747	18,999	18,535
44	24	96 904	17 253,470	323 574,804	18,754	18,289
45	25	96 714	16 557,279	306 321,334	18,501	18,036
46	26	96 498	15 884,952	289 764,055	18,241	17,777
47	27	96 269	15 237,656	273 879,103	17,974	17,509
48	28	96 008	14 611,980	258 641,447	17,701	17,236
49	29	95 717	14 007,361	244 029,466	17,422	16,957
50	30	95 391	13 422,757	230 022,106	17,137	16,672
51	31	95 027	12 857,277	216 599,348	16,846	16,382
52	32	94 630	12 311,103	203 742,071	16,549	16,085
53	33	94 179	11 781,124	191 430,969	16,249	15,784
54	34	93 676	11 267,505	179 649,845	15,944	15,479
55	35	93 117	10 769,535	168 382,339	15,635	15,170
56	36	92 508	10 287,512	157 612,805	15,321	14,856
57	37	91 833	9 819,667	147 325,292	15,003	14,538
58	38	91 098	9 366,479	137 505,625	14,681	14,216
59	39	90 276	8 924,983	128 139,146	14,357	13,893
60	40	89 388	8 497,265	119 214,164	14,030	13,565
61	41	88 430	8 082,918	110 716,899	13,698	13,233
62	42	87 392	7 680,772	102 633,981	13,362	12,898
63	43	86 261	7 289,743	94 953,210	13,026	12,561
64	44	85 057	6 911,544	87 663,467	12,684	12,219
65	45	83 757	6 544,153	80 751,922	12,340	11,875
66	46	82 378	6 188,870	74 207,769	11,991	11,526
67	47	80 929	5 846,134	68 018,899	11,635	11,170
68	48	79 362	5 512,445	62 172,765	11,279	10,814
69	49	77 753	5 192,973	56 660,320	10,911	10,446
70	50	76 011	4 881,350	51 467,347	10,544	10,079
71	51	74 161	4 579,406	46 585,998	10,173	9,708
72	52	72 192	4 286,386	42 006,592	9,800	9,335
73	53	70 132	4 003,897	37 720,206	9,421	8,956
74	54	67 961	3 730,738	33 716,309	9,037	8,573
75	55	65 662	3 465,871	29 985,570	8,652	8,187
76	56	63 217	3 208,487	26 519,699	8,265	7,801
77	57	60 617	2 958,210	23 311,212	7,880	7,415
78	58	57 884	2 716,199	20 353,001	7,493	7,028
79	59	54 964	2 479,970	17 636,803	7,112	6,647
80	60	51 839	2 249,011	15 156,832	6,739	6,275
81	61	48 539	2 024,844	12 907,821	6,375	5,910
82	62	45 056	1 807,259	10 882,977	6,022	5,557
83	63	41 434	1 598,045	9 075,718	5,679	5,214
84	64	37 671	1 397,017	7 477,673	5,353	4,888
85	65	33 831	1 206,383	6 080,656	5,040	4,576
86	66	29 952	1 026,974	4 874,273	4,746	4,281
87	67	26 127	861,367	3 847,299	4,467	4,002
88	68	22 433	711,129	2 985,932	4,199	3,734
89	69	18 928	576,944	2 274,803	3,943	3,478
90	70	15 676	459,446	1 697,859	3,695	3,231
91	71	12 705	358,036	1 238,413	3,459	2,994
92	72	9 997	270,908	880,377	3,250	2,785
93	73	7 644	199,167	609,469	3,060	2,595
94	74	5 691	142,569	410,302	2,878	2,413
95	75	4 063	97,888	267,733	2,735	2,270
96	76	2 846	65,929	169,845	2,576	2,111
97	77	1 914	42,625	103,916	2,438	1,973
98	78	1 236	26,468	61,291	2,316	1,851
99	79	767	15,791	34,823	2,205	1,740
100	80	456	9,035	19,031	2,106	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	43 573,582	991 028,298	22,744	22,279
22	1	98 946	41 750,627	947 454,717	22,693	22,228
23	2	98 878	40 117,456	905 704,090	22,576	22,111
24	3	98 821	38 552,172	865 586,634	22,452	21,988
25	4	98 761	37 047,062	827 034,462	22,324	21,859
26	5	98 705	35 601,798	789 987,400	22,190	21,725
27	6	98 651	34 213,712	754 385,602	22,049	21,584
28	7	98 592	32 878,276	720 171,889	21,904	21,439
29	8	98 537	31 595,885	687 293,614	21,753	21,288
30	9	98 474	30 361,383	655 697,728	21,596	21,132
31	10	98 411	29 174,931	625 336,345	21,434	20,969
32	11	98 337	28 031,847	596 161,414	21,267	20,802
33	12	98 261	26 932,811	568 129,567	21,094	20,630
34	13	98 184	25 876,498	541 196,756	20,915	20,450
35	14	98 096	24 859,081	515 320,258	20,730	20,265
36	15	97 999	23 879,236	490 461,177	20,539	20,074
37	16	97 900	22 937,562	466 581,941	20,341	19,877
38	17	97 794	22 031,573	443 644,379	20,137	19,672
39	18	97 677	21 158,874	421 612,806	19,926	19,461
40	19	97 551	20 318,728	400 453,932	19,709	19,244
41	20	97 409	19 508,920	380 135,204	19,485	19,020
42	21	97 262	18 730,261	360 626,285	19,254	18,789
43	22	97 101	17 980,054	341 896,023	19,015	18,550
44	23	96 925	17 257,215	323 915,969	18,770	18,305
45	24	96 730	16 560,087	306 658,754	18,518	18,053
46	25	96 516	15 887,914	290 098,668	18,259	17,794
47	26	96 287	15 240,622	274 210,753	17,992	17,527
48	27	96 029	14 615,173	258 970,131	17,719	17,254
49	28	95 741	14 010,855	244 354,959	17,440	16,976
50	29	95 416	13 426,232	230 344,104	17,156	16,691
51	30	95 056	12 861,096	216 917,872	16,866	16,401
52	31	94 661	12 315,034	204 056,776	16,570	16,105
53	32	94 212	11 785,214	191 741,742	16,270	15,805
54	33	93 709	11 271,519	179 956,529	15,966	15,501
55	34	93 154	10 773,749	168 685,010	15,657	15,192
56	35	92 545	10 291,654	157 911,261	15,344	14,879
57	36	91 876	9 824,273	147 619,607	15,026	14,561
58	37	91 140	9 370,792	137 795,334	14,705	14,240
59	38	90 329	8 930,213	128 424,542	14,381	13,916
60	39	89 441	8 502,330	119 494,329	14,054	13,589
61	40	88 491	8 088,407	110 992,000	13,722	13,258
62	41	87 459	7 686,635	102 903,593	13,387	12,923
63	42	86 332	7 295,797	95 216,957	13,051	12,586
64	43	85 133	6 917,770	87 921,160	12,709	12,245
65	44	83 842	6 550,836	81 003,390	12,365	11,901
66	45	82 470	6 195,760	74 452,555	12,017	11,552
67	46	81 032	5 853,566	68 256,795	11,661	11,196
68	47	79 476	5 520,359	62 403,229	11,304	10,839
69	48	77 877	5 201,293	56 882,871	10,936	10,471
70	49	76 148	4 890,208	51 681,578	10,568	10,104
71	50	74 308	4 588,448	46 791,370	10,198	9,733
72	51	72 352	4 295,874	42 202,921	9,824	9,359
73	52	70 305	4 013,752	37 907,047	9,444	8,979
74	53	68 148	3 740,963	33 893,295	9,060	8,595
75	54	65 860	3 476,334	30 152,332	8,674	8,209
76	55	63 427	3 219,154	26 675,998	8,287	7,822
77	56	60 837	2 968,955	23 456,845	7,901	7,436
78	57	58 116	2 727,086	20 487,890	7,513	7,048
79	58	55 208	2 490,957	17 760,804	7,130	6,665
80	59	52 091	2 259,927	15 269,847	6,757	6,292
81	60	48 802	2 035,820	13 009,920	6,391	5,926
82	61	45 310	1 817,428	10 974,101	6,038	5,573
83	62	41 687	1 607,815	9 156,673	5,695	5,230
84	63	37 920	1 406,276	7 548,858	5,368	4,903
85	64	34 080	1 215,239	6 142,582	5,055	4,590
86	65	30 194	1 035,269	4 927,343	4,759	4,295
87	66	26 357	868,958	3 892,074	4,479	4,014
88	67	22 652	718,091	3 023,116	4,210	3,745
89	68	19 123	582,898	2 305,025	3,954	3,490
90	69	15 853	464,637	1 722,128	3,706	3,242
91	70	12 861	362,452	1 257,491	3,469	3,005
92	71	10 133	274,585	895,038	3,260	2,795
93	72	7 756	202,079	620,454	3,070	2,606
94	73	5 780	144,811	418,375	2,889	2,424
95	74	4 134	99,592	273,564	2,747	2,282
96	75	2 902	67,211	173,972	2,588	2,124
97	76	1 957	43,576	106,761	2,450	1,985
98	77	1 267	27,132	63,185	2,329	1,864
99	78	789	16,248	36,054	2,219	1,754
100	79	472	9,342	19,806	2,120	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	41 878,938	947 960,569	22,636	22,171
23	1	98 901	40 126,727	906 081,631	22,581	22,116
24	2	98 833	38 556,763	865 954,903	22,459	21,994
25	3	98 773	37 051,476	827 398,140	22,331	21,866
26	4	98 714	35 605,036	790 346,664	22,198	21,733
27	5	98 658	34 216,278	754 741,628	22,058	21,593
28	6	98 599	32 880,440	720 525,349	21,913	21,449
29	7	98 541	31 597,443	687 644,909	21,763	21,298
30	8	98 480	30 363,263	656 047,466	21,607	21,142
31	9	98 417	29 176,819	625 684,203	21,445	20,980
32	10	98 343	28 033,508	596 507,384	21,278	20,814
33	11	98 268	26 934,817	568 473,876	21,106	20,641
34	12	98 191	25 878,545	541 539,059	20,926	20,461
35	13	98 105	24 861,212	515 660,514	20,742	20,277
36	14	98 009	23 881,742	490 799,302	20,551	20,086
37	15	97 912	22 940,432	466 917,559	20,353	19,889
38	16	97 808	22 034,682	443 977,128	20,149	19,684
39	17	97 691	21 161,972	421 942,446	19,939	19,474
40	18	97 571	20 322,867	400 780,473	19,721	19,256
41	19	97 428	19 512,686	380 457,607	19,498	19,033
42	20	97 280	18 733,730	360 944,921	19,267	18,802
43	21	97 117	17 983,032	342 211,190	19,030	18,565
44	22	96 942	17 260,201	324 228,159	18,785	18,320
45	23	96 751	16 563,681	306 967,957	18,533	18,068
46	24	96 533	15 890,609	290 404,277	18,275	17,810
47	25	96 305	15 243,464	274 513,668	18,009	17,544
48	26	96 048	14 618,017	259 270,203	17,736	17,272
49	27	95 762	14 013,916	244 652,186	17,458	16,993
50	28	95 440	13 429,581	230 638,271	17,174	16,709
51	29	95 080	12 864,425	217 208,689	16,884	16,420
52	30	94 689	12 318,692	204 344,265	16,588	16,123
53	31	94 242	11 788,977	192 025,573	16,289	15,824
54	32	93 742	11 275,432	180 236,596	15,985	15,520
55	33	93 187	10 777,586	168 961,165	15,677	15,212
56	34	92 581	10 295,681	158 183,579	15,364	14,899
57	35	91 913	9 828,229	147 887,897	15,047	14,582
58	36	91 183	9 375,187	138 059,668	14,726	14,261
59	37	90 371	8 934,325	128 684,481	14,403	13,939
60	38	89 494	8 507,312	119 750,157	14,076	13,611
61	39	88 543	8 093,228	111 242,845	13,745	13,280
62	40	87 518	7 691,856	103 149,616	13,410	12,945
63	41	86 398	7 301,367	95 457,761	13,074	12,609
64	42	85 204	6 923,515	88 156,394	12,733	12,268
65	43	83 918	6 556,736	81 232,879	12,389	11,924
66	44	82 554	6 202,086	74 676,142	12,040	11,576
67	45	81 122	5 860,082	68 474,056	11,685	11,220
68	46	79 577	5 527,377	62 613,974	11,328	10,863
69	47	77 989	5 208,760	57 086,597	10,960	10,495
70	48	76 270	4 898,043	51 877,838	10,592	10,127
71	49	74 442	4 596,775	46 979,795	10,220	9,755
72	50	72 495	4 304,357	42 383,019	9,847	9,382
73	51	70 460	4 022,637	38 078,663	9,466	9,001
74	52	68 315	3 750,171	34 056,025	9,081	8,616
75	53	66 041	3 485,861	30 305,855	8,694	8,229
76	54	63 619	3 228,871	26 819,994	8,306	7,841
77	55	61 040	2 978,825	23 591,122	7,920	7,455
78	56	58 328	2 736,991	20 612,298	7,531	7,066
79	57	55 429	2 500,941	17 875,307	7,147	6,683
80	58	52 322	2 269,938	15 374,365	6,773	6,308
81	59	49 039	2 045,700	13 104,427	6,406	5,941
82	60	45 555	1 827,278	11 058,727	6,052	5,587
83	61	41 922	1 616,861	9 231,448	5,709	5,245
84	62	38 152	1 414,874	7 614,587	5,382	4,917
85	63	34 306	1 223,294	6 199,713	5,068	4,603
86	64	30 416	1 042,869	4 976,419	4,772	4,307
87	65	26 570	875,976	3 933,550	4,490	4,026
88	66	22 852	724,419	3 057,574	4,221	3,756
89	67	19 310	588,604	2 333,155	3,964	3,499
90	68	16 017	469,432	1 744,552	3,716	3,251
91	69	13 007	366,547	1 275,119	3,479	3,014
92	70	10 258	277,971	908,572	3,269	2,804
93	71	7 861	204,821	630,601	3,079	2,614
94	72	5 865	146,928	425,779	2,898	2,433
95	73	4 199	101,158	278,851	2,757	2,292
96	74	2 952	68,380	177,693	2,599	2,134
97	75	1 995	44,423	109,312	2,461	1,996
98	76	1 295	27,737	64,889	2,339	1,875
99	77	809	16,655	37,152	2,231	1,766
100	78	485	9,612	20,497	2,132	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	40 250,048	906 550,588	22,523	22,058
24	1	98 856	38 565,674	866 300,540	22,463	21,998
25	2	98 785	37 055,889	827 734,866	22,337	21,873
26	3	98 726	35 609,278	790 678,977	22,204	21,739
27	4	98 667	34 219,390	755 069,699	22,066	21,601
28	5	98 606	32 882,906	720 850,309	21,922	21,457
29	6	98 548	31 599,523	687 967,403	21,771	21,307
30	7	98 485	30 364,760	656 367,880	21,616	21,151
31	8	98 423	29 178,625	626 003,120	21,454	20,989
32	9	98 350	28 035,322	596 824,495	21,288	20,823
33	10	98 274	26 936,413	568 789,172	21,116	20,651
34	11	98 199	25 880,473	541 852,759	20,937	20,472
35	12	98 112	24 863,179	515 972,286	20,752	20,288
36	13	98 017	23 883,790	491 109,107	20,562	20,098
37	14	97 922	22 942,839	467 225,317	20,365	19,900
38	15	97 820	22 037,439	444 282,478	20,160	19,696
39	16	97 705	21 164,959	422 245,039	19,950	19,485
40	17	97 585	20 325,843	401 080,080	19,733	19,268
41	18	97 448	19 516,660	380 754,238	19,509	19,044
42	19	97 299	18 737,347	361 237,577	19,279	18,814
43	20	97 135	17 986,362	342 500,230	19,042	18,577
44	21	96 958	17 263,059	324 513,868	18,798	18,333
45	22	96 768	16 566,548	307 250,809	18,546	18,082
46	23	96 554	15 894,058	290 684,261	18,289	17,824
47	24	96 322	15 246,049	274 790,203	18,024	17,559
48	25	96 066	14 620,743	259 544,154	17,752	17,287
49	26	95 781	14 016,643	244 923,411	17,474	17,009
50	27	95 461	13 432,515	230 906,768	17,190	16,725
51	28	95 104	12 867,634	217 474,252	16,901	16,436
52	29	94 713	12 321,880	204 606,618	16,605	16,140
53	30	94 270	11 792,478	192 284,738	16,306	15,841
54	31	93 772	11 279,032	180 492,260	16,002	15,538
55	32	93 219	10 781,328	169 213,228	15,695	15,230
56	33	92 614	10 299,348	158 431,900	15,383	14,918
57	34	91 949	9 832,075	148 132,552	15,066	14,601
58	35	91 220	9 378,962	138 300,478	14,746	14,281
59	36	90 413	8 938,515	128 921,516	14,423	13,958
60	37	89 535	8 511,229	119 983,000	14,097	13,632
61	38	88 595	8 097,971	111 471,771	13,765	13,301
62	39	87 570	7 696,441	103 373,800	13,431	12,967
63	40	86 457	7 306,326	95 677,360	13,095	12,630
64	41	85 269	6 928,801	88 371,034	12,754	12,289
65	42	83 988	6 562,182	81 442,233	12,411	11,946
66	43	82 628	6 207,672	74 880,052	12,063	11,598
67	44	81 205	5 866,066	68 672,379	11,707	11,242
68	45	79 665	5 533,530	62 806,313	11,350	10,885
69	46	78 088	5 215,382	57 272,784	10,982	10,517
70	47	76 380	4 905,074	52 057,401	10,613	10,148
71	48	74 562	4 604,140	47 152,327	10,241	9,776
72	49	72 627	4 312,168	42 548,187	9,867	9,402
73	50	70 599	4 030,580	38 236,019	9,486	9,022
74	51	68 467	3 758,472	34 205,439	9,101	8,636
75	52	66 203	3 494,441	30 446,966	8,713	8,248
76	53	63 793	3 237,720	26 952,525	8,325	7,860
77	54	61 224	2 987,817	23 714,805	7,937	7,472
78	55	58 521	2 746,090	20 726,988	7,548	7,083
79	56	55 630	2 510,025	17 980,898	7,164	6,699
80	57	52 531	2 279,037	15 470,874	6,788	6,324
81	58	49 256	2 054,763	13 191,837	6,420	5,955
82	59	45 776	1 836,147	11 137,074	6,065	5,601
83	60	42 149	1 625,625	9 300,927	5,721	5,257
84	61	38 367	1 422,835	7 675,301	5,394	4,930
85	62	34 515	1 230,773	6 252,467	5,080	4,615
86	63	30 617	1 049,781	5 021,694	4,784	4,319
87	64	26 765	882,406	3 971,913	4,501	4,036
88	65	23 037	730,270	3 089,506	4,231	3,766
89	66	19 481	593,791	2 359,236	3,973	3,508
90	67	16 174	474,028	1 765,446	3,724	3,260
91	68	13 141	370,330	1 291,418	3,487	3,022
92	69	10 374	281,112	921,088	3,277	2,812
93	70	7 958	207,347	639,976	3,086	2,622
94	71	5 944	148,922	432,628	2,905	2,440
95	72	4 261	102,637	283,706	2,764	2,299
96	73	2 999	69,456	181,069	2,607	2,142
97	74	2 029	45,196	111,613	2,470	2,005
98	75	1 320	28,276	66,417	2,349	1,884
99	76	827	17,027	38,140	2,240	1,775
100	77	498	9,853	21,114	2,143	1,678

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	38 684,197	866 735,418	22,405	21,941
25	1	98 808	37 064,453	828 051,221	22,341	21,876
26	2	98 737	35 613,519	790 986,768	22,210	21,745
27	3	98 679	34 223,467	755 373,249	22,072	21,607
28	4	98 615	32 885,897	721 149,781	21,929	21,464
29	5	98 555	31 601,893	688 263,885	21,779	21,314
30	6	98 491	30 366,759	656 661,992	21,624	21,160
31	7	98 428	29 180,064	626 295,233	21,463	20,998
32	8	98 356	28 037,058	597 115,169	21,297	20,833
33	9	98 281	26 938,156	569 078,111	21,125	20,661
34	10	98 205	25 882,007	542 139,955	20,947	20,482
35	11	98 120	24 865,031	516 257,948	20,762	20,298
36	12	98 025	23 885,679	491 392,917	20,573	20,108
37	13	97 930	22 944,806	467 507,238	20,375	19,910
38	14	97 830	22 039,752	444 562,432	20,171	19,706
39	15	97 717	21 167,607	422 522,680	19,961	19,496
40	16	97 599	20 328,711	401 355,073	19,743	19,278
41	17	97 462	19 519,518	381 026,362	19,520	19,055
42	18	97 319	18 741,164	361 506,844	19,289	18,825
43	19	97 154	17 989,835	342 765,680	19,053	18,588
44	20	96 976	17 266,257	324 775,845	18,810	18,345
45	21	96 784	16 569,291	307 509,589	18,559	18,094
46	22	96 570	15 896,809	290 940,298	18,302	17,837
47	23	96 343	15 249,358	275 043,489	18,036	17,572
48	24	96 082	14 623,223	259 794,131	17,766	17,301
49	25	95 798	14 019,257	245 170,908	17,488	17,023
50	26	95 479	13 435,129	231 151,651	17,205	16,740
51	27	95 125	12 870,445	217 716,522	16,916	16,451
52	28	94 737	12 324,954	204 846,076	16,620	16,156
53	29	94 294	11 795,531	192 521,122	16,322	15,857
54	30	93 800	11 282,382	180 725,592	16,018	15,554
55	31	93 249	10 784,770	169 443,210	15,711	15,247
56	32	92 646	10 302,924	158 658,440	15,399	14,935
57	33	91 981	9 835,576	148 355,516	15,084	14,619
58	34	91 255	9 382,632	138 519,939	14,763	14,299
59	35	90 450	8 942,114	129 137,308	14,441	13,977
60	36	89 577	8 515,221	120 195,193	14,115	13,651
61	37	88 636	8 101,700	111 679,972	13,785	13,320
62	38	87 622	7 700,951	103 578,272	13,450	12,985
63	39	86 508	7 310,681	95 877,322	13,115	12,650
64	40	85 327	6 933,506	88 566,641	12,774	12,309
65	41	84 052	6 567,191	81 633,134	12,430	11,966
66	42	82 697	6 212,828	75 065,943	12,082	11,618
67	43	81 278	5 871,350	68 853,115	11,727	11,262
68	44	79 747	5 539,180	62 981,765	11,370	10,905
69	45	78 175	5 221,188	57 442,585	11,002	10,537
70	46	76 477	4 911,311	52 221,398	10,633	10,168
71	47	74 669	4 610,750	47 310,087	10,261	9,796
72	48	72 743	4 319,077	42 699,337	9,886	9,421
73	49	70 728	4 037,894	38 380,260	9,505	9,040
74	50	68 602	3 765,894	34 342,366	9,119	8,654
75	51	66 350	3 502,176	30 576,472	8,731	8,266
76	52	63 950	3 245,690	27 074,296	8,342	7,877
77	53	61 392	2 996,005	23 828,606	7,953	7,489
78	54	58 698	2 754,379	20 832,601	7,563	7,099
79	55	55 815	2 518,369	18 078,221	7,179	6,714
80	56	52 722	2 287,314	15 559,852	6,803	6,338
81	57	49 454	2 062,999	13 272,538	6,434	5,969
82	58	45 979	1 844,281	11 209,539	6,078	5,613
83	59	42 354	1 633,515	9 365,257	5,733	5,268
84	60	38 575	1 430,547	7 731,742	5,405	4,940
85	61	34 710	1 237,698	6 301,196	5,091	4,626
86	62	30 804	1 056,199	5 063,498	4,794	4,329
87	63	26 943	888,255	4 007,298	4,511	4,047
88	64	23 206	735,631	3 119,043	4,240	3,775
89	65	19 638	598,587	2 383,413	3,982	3,517
90	66	16 316	478,205	1 784,826	3,732	3,268
91	67	13 269	373,955	1 306,621	3,494	3,029
92	68	10 481	284,013	932,665	3,284	2,819
93	69	8 048	209,690	648,652	3,093	2,629
94	70	6 018	150,759	438,962	2,912	2,447
95	71	4 318	104,030	288,203	2,770	2,306
96	72	3 042	70,471	184,173	2,613	2,149
97	73	2 061	45,907	113,701	2,477	2,012
98	74	1 343	28,768	67,794	2,357	1,892
99	75	843	17,358	39,026	2,248	1,784
100	76	509	10,073	21,668	2,151	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	37 178,362	828 454,616	22,283	21,818
26	1	98 760	35 621,750	791 276,253	22,213	21,748
27	2	98 691	34 227,543	755 654,503	22,077	21,613
28	3	98 627	32 889,815	721 426,960	21,935	21,470
29	4	98 564	31 604,767	688 537,145	21,786	21,321
30	5	98 499	30 369,036	656 932,379	21,632	21,167
31	6	98 435	29 181,985	626 563,342	21,471	21,006
32	7	98 360	28 038,440	597 381,357	21,306	20,841
33	8	98 287	26 939,824	569 342,917	21,134	20,669
34	9	98 211	25 883,681	542 403,093	20,955	20,491
35	10	98 125	24 866,504	516 519,411	20,772	20,307
36	11	98 033	23 887,459	491 652,907	20,582	20,117
37	12	97 938	22 946,621	467 765,448	20,385	19,920
38	13	97 839	22 041,641	444 818,827	20,181	19,716
39	14	97 728	21 169,828	422 777,186	19,971	19,506
40	15	97 611	20 331,255	401 607,357	19,753	19,288
41	16	97 476	19 522,273	381 276,103	19,530	19,065
42	17	97 333	18 743,908	361 753,830	19,300	18,835
43	18	97 174	17 993,499	343 009,922	19,063	18,598
44	19	96 995	17 269,590	325 016,423	18,820	18,355
45	20	96 802	16 572,359	307 746,833	18,570	18,105
46	21	96 586	15 899,441	291 174,474	18,314	17,849
47	22	96 359	15 251,998	275 275,033	18,048	17,584
48	23	96 103	14 626,397	260 023,035	17,778	17,313
49	24	95 815	14 021,635	245 396,638	17,501	17,036
50	25	95 497	13 437,635	231 375,004	17,218	16,754
51	26	95 143	12 872,950	217 937,369	16,930	16,465
52	27	94 758	12 327,647	205 064,419	16,635	16,170
53	28	94 318	11 798,473	192 736,772	16,336	15,871
54	29	93 824	11 285,302	180 938,299	16,033	15,568
55	30	93 277	10 787,973	169 652,996	15,726	15,261
56	31	92 676	10 306,213	158 865,023	15,414	14,950
57	32	92 013	9 838,991	148 558,809	15,099	14,634
58	33	91 288	9 385,974	138 719,818	14,779	14,315
59	34	90 485	8 945,613	129 333,845	14,458	13,993
60	35	89 613	8 518,650	120 388,232	14,132	13,667
61	36	88 678	8 105,500	111 869,582	13,802	13,337
62	37	87 662	7 704,497	103 764,082	13,468	13,003
63	38	86 559	7 314,965	96 059,585	13,132	12,667
64	39	85 378	6 937,639	88 744,620	12,792	12,327
65	40	84 109	6 571,652	81 806,981	12,448	11,984
66	41	82 760	6 217,571	75 235,330	12,100	11,636
67	42	81 345	5 876,226	69 017,759	11,745	11,280
68	43	79 819	5 544,169	63 141,533	11,389	10,924
69	44	78 255	5 226,519	57 597,363	11,020	10,555
70	45	76 562	4 916,778	52 370,844	10,651	10,187
71	46	74 764	4 616,611	47 454,067	10,279	9,814
72	47	72 847	4 325,277	42 837,455	9,904	9,439
73	48	70 841	4 044,364	38 512,178	9,522	9,058
74	49	68 726	3 772,728	34 467,814	9,136	8,671
75	50	66 481	3 509,092	30 695,086	8,747	8,282
76	51	64 092	3 252,874	27 185,994	8,358	7,893
77	52	61 543	3 003,380	23 933,120	7,969	7,504
78	53	58 859	2 761,928	20 929,740	7,578	7,113
79	54	55 984	2 525,971	18 167,812	7,192	6,728
80	55	52 897	2 294,918	15 641,841	6,816	6,351
81	56	49 633	2 070,492	13 346,923	6,446	5,981
82	57	46 163	1 851,674	11 276,431	6,090	5,625
83	58	42 541	1 640,752	9 424,757	5,744	5,279
84	59	38 762	1 437,490	7 784,005	5,415	4,950
85	60	34 898	1 244,407	6 346,515	5,100	4,635
86	61	30 978	1 062,142	5 102,109	4,804	4,339
87	62	27 107	893,686	4 039,967	4,521	4,056
88	63	23 359	740,507	3 146,281	4,249	3,784
89	64	19 782	602,981	2 405,775	3,990	3,525
90	65	16 448	482,067	1 802,793	3,740	3,275
91	66	13 386	377,251	1 320,726	3,501	3,036
92	67	10 584	286,793	943,475	3,290	2,825
93	68	8 131	211,854	656,682	3,100	2,635
94	69	6 085	152,462	444,828	2,918	2,453
95	70	4 372	105,314	292,365	2,776	2,311
96	71	3 084	71,428	187,052	2,619	2,154
97	72	2 091	46,578	115,624	2,482	2,018
98	73	1 364	29,221	69,046	2,363	1,898
99	74	858	17,660	39,825	2,255	1,790
100	75	519	10,269	22,165	2,158	1,694

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 301 440,501	23,014	22,549
1	1	99 340	95 290,208	2 201 440,501	23,102	22,637
2	2	99 290	91 359,462	2 106 150,293	23,053	22,588
3	3	99 263	87 610,873	2 014 790,832	22,997	22,532
4	4	99 238	84 018,376	1 927 179,959	22,938	22,472
5	5	99 218	80 576,492	1 843 161,583	22,875	22,409
6	6	99 201	77 278,519	1 762 585,091	22,808	22,343
7	7	99 184	74 115,509	1 685 306,572	22,739	22,274
8	8	99 171	71 084,523	1 611 191,063	22,666	22,201
9	9	99 157	68 176,817	1 540 106,539	22,590	22,125
10	10	99 142	65 387,937	1 471 929,722	22,511	22,046
11	11	99 129	62 713,701	1 406 541,785	22,428	21,963
12	12	99 112	60 147,175	1 343 828,084	22,342	21,877
13	13	99 097	57 686,047	1 283 680,909	22,253	21,788
14	14	99 079	55 324,303	1 225 994,862	22,160	21,695
15	15	99 056	53 056,898	1 170 670,559	22,064	21,599
16	16	99 029	50 879,892	1 117 613,661	21,966	21,501
17	17	98 990	48 786,196	1 066 733,769	21,865	21,400
18	18	98 946	46 776,739	1 017 947,573	21,762	21,297
19	19	98 888	44 843,439	971 170,834	21,657	21,192
20	20	98 828	42 989,028	926 327,395	21,548	21,083
21	21	98 765	41 210,259	883 338,367	21,435	20,970
22	22	98 704	39 506,005	842 128,108	21,316	20,851
23	23	98 643	37 871,802	802 622,104	21,193	20,728
24	24	98 576	36 303,306	764 750,302	21,066	20,600
25	25	98 512	34 800,580	728 446,995	20,932	20,467
26	26	98 446	33 359,568	693 646,416	20,793	20,328
27	27	98 380	31 978,201	660 286,847	20,648	20,183
28	28	98 307	30 651,649	628 308,647	20,498	20,033
29	29	98 232	29 379,588	597 656,997	20,343	19,877
30	30	98 150	28 158,434	568 277,409	20,181	19,716
31	31	98 064	26 986,911	540 118,976	20,014	19,549
32	32	97 966	25 860,649	513 132,065	19,842	19,377
33	33	97 863	24 780,397	487 271,416	19,664	19,198
34	34	97 759	23 744,830	462 491,018	19,478	19,012
35	35	97 642	22 749,572	438 746,188	19,286	18,821
36	36	97 516	21 793,984	415 996,616	19,088	18,622
37	37	97 384	20 877,158	394 202,632	18,882	18,417
38	38	97 248	19 998,079	373 325,474	18,668	18,203
39	39	97 089	19 151,455	353 327,394	18,449	17,984
40	40	96 925	18 339,719	334 175,939	18,221	17,756
41	41	96 737	17 558,024	315 836,220	17,988	17,523
42	42	96 536	16 807,090	298 278,196	17,747	17,282
43	43	96 312	16 084,529	281 471,106	17,499	17,034
44	44	96 067	15 389,675	265 386,577	17,244	16,779
45	45	95 797	14 720,741	249 996,902	16,983	16,517
46	46	95 495	14 076,079	235 276,161	16,715	16,249
47	47	95 165	13 455,628	221 200,082	16,439	15,974
48	48	94 793	12 856,537	207 744,454	16,159	15,693
49	49	94 378	12 278,394	194 887,918	15,872	15,407
50	50	93 910	11 719,505	182 609,524	15,582	15,116
51	51	93 395	11 180,110	170 890,019	15,285	14,820
52	52	92 829	10 659,324	159 709,909	14,983	14,518
53	53	92 192	10 154,529	149 050,585	14,678	14,213
54	54	91 481	9 665,496	138 896,056	14,370	13,905
55	55	90 697	9 192,031	129 230,559	14,059	13,594
56	56	89 841	8 734,049	120 038,529	13,744	13,279
57	57	88 905	8 290,648	111 304,480	13,425	12,960
58	58	87 882	7 861,184	103 013,833	13,104	12,639
59	59	86 756	7 444,078	95 152,649	12,782	12,317
60	60	85 538	7 040,379	87 708,571	12,458	11,993
61	61	84 223	6 649,509	80 668,191	12,131	11,666
62	62	82 831	6 273,042	74 018,683	11,799	11,334
63	63	81 330	5 908,215	67 745,641	11,466	11,001
64	64	79 738	5 556,463	61 837,426	11,129	10,664
65	65	78 027	5 215,559	56 280,963	10,791	10,326
66	66	76 212	4 886,586	51 065,404	10,450	9,985
67	67	74 312	4 570,478	46 178,818	10,104	9,639
68	68	72 270	4 263,700	41 608,340	9,759	9,294
69	69	70 194	3 972,390	37 344,640	9,401	8,936
70	70	67 978	3 690,126	33 372,250	9,044	8,578
71	71	65 645	3 418,225	29 682,124	8,683	8,218
72	72	63 186	3 156,063	26 263,899	8,322	7,857
73	73	60 647	2 905,754	23 107,836	7,952	7,487
74	74	58 019	2 666,490	20 202,082	7,576	7,111
75	75	55 263	2 436,293	17 535,593	7,198	6,732
76	76	52 364	2 214,395	15 099,300	6,819	6,353
77	77	49 293	1 999,548	12 884,905	6,444	5,979
78	78	46 104	1 793,938	10 885,357	6,068	5,603
79	79	42 737	1 595,111	9 091,419	5,700	5,234
80	80	39 169	1 402,352	7 496,308	5,346	4,880
81	81	35 458	1 217,735	6 093,956	5,004	4,539
82	82	31 640	1 042,329	4 876,221	4,678	4,213
83	83	27 801	878,507	3 833,892	4,364	3,899
84	84	23 966	726,436	2 955,385	4,068	3,603
85	85	20 224	588,022	2 228,949	3,791	3,325
86	86	16 656	464,533	1 640,927	3,532	3,067
87	87	13 353	357,252	1 176,394	3,293	2,828
88	88	10 406	267,049	819,142	3,067	2,602
89	89	7 852	193,295	552,092	2,856	2,391
90	90	5 716	134,965	358,797	2,658	2,193
91	91	3 996	90,503	223,832	2,473	2,008
92	92	2 654	57,656	133,329	2,312	1,847
93	93	1 672	34,857	75,673	2,171	1,706
94	94	1 000	19,994	40,816	2,041	1,576
95	95	556	10,657	20,822	1,954	1,489
96	96	298	5,482	10,165	1,854	1,389
97	97	150	2,640	4,684	1,774	1,309
98	98	72	1,212	2,043	1,686	1,221
99	99	32	0,516	0,831	1,611	1,146
100	100	13	0,204	0,315	1,546	1,080

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 298 981,166	23,060	22,595	50	51	93 725	11 696,410	180 928,008	15,469	15,003
1	2	99 317	95 268,190	2 199 287,552	23,085	22,620	51	52	93 189	11 155,416	169 231,598	15,170	14,705
2	3	99 278	91 348,583	2 104 019,362	23,033	22,568	52	53	92 601	10 633,152	158 076,182	14,866	14,401
3	4	99 251	87 600,435	2 012 670,779	22,976	22,510	53	54	91 940	10 126,775	147 443,030	14,560	14,095
4	5	99 229	84 010,736	1 925 070,344	22,915	22,449	54	55	91 206	9 636,407	137 316,255	14,250	13,785
5	6	99 210	80 570,449	1 841 059,608	22,850	22,385	55	56	90 397	9 161,574	127 679,848	13,936	13,471
6	7	99 194	77 273,432	1 760 489,159	22,783	22,317	56	57	89 516	8 702,441	118 518,274	13,619	13,154
7	8	99 179	74 111,856	1 683 215,727	22,712	22,247	57	58	88 550	8 257,549	109 815,833	13,299	12,834
8	9	99 165	71 080,122	1 609 103,871	22,638	22,173	58	59	87 494	7 826,511	101 558,284	12,976	12,511
9	10	99 150	68 172,406	1 538 023,749	22,561	22,096	59	60	86 337	7 408,124	93 731,773	12,653	12,187
10	11	99 136	65 384,062	1 469 851,343	22,480	22,015	60	61	85 077	7 002,424	86 323,649	12,328	11,862
11	12	99 121	62 709,030	1 404 467,281	22,397	21,931	61	62	83 752	6 612,304	79 321,225	11,996	11,531
12	13	99 105	60 142,417	1 341 758,251	22,310	21,844	62	63	82 328	6 234,923	72 708,921	11,662	11,196
13	14	99 088	57 681,102	1 281 615,834	22,219	21,754	63	64	80 794	5 869,313	66 473,998	11,326	10,860
14	15	99 068	55 318,498	1 223 934,732	22,125	21,660	64	65	79 157	5 515,971	60 604,685	10,987	10,522
15	16	99 044	53 050,261	1 168 616,235	22,028	21,563	65	66	77 402	5 173,771	55 088,714	10,648	10,182
16	17	99 015	50 872,712	1 115 565,974	21,929	21,463	66	67	75 547	4 843,900	49 914,943	10,305	9,839
17	18	98 975	48 779,053	1 064 693,262	21,827	21,362	67	68	73 591	4 526,169	45 071,043	9,958	9,493
18	19	98 926	46 767,213	1 015 914,209	21,723	21,258	68	69	71 532	4 220,147	40 544,874	9,607	9,142
19	20	98 869	44 834,783	969 146,995	21,616	21,151	69	70	69 410	3 928,010	36 324,726	9,248	8,782
20	21	98 809	42 981,068	924 312,212	21,505	21,040	70	71	67 149	3 645,167	32 396,716	8,888	8,422
21	22	98 749	41 203,436	881 331,144	21,390	20,925	71	72	64 766	3 372,454	28 751,550	8,525	8,060
22	23	98 687	39 499,168	840 127,708	21,270	20,804	72	73	62 276	3 110,586	25 379,096	8,159	7,694
23	24	98 621	37 863,584	800 628,540	21,145	20,680	73	74	59 708	2 860,765	22 268,510	7,784	7,319
24	25	98 559	36 297,150	762 764,956	21,014	20,549	74	75	57 026	2 620,870	19 407,745	7,405	6,940
25	26	98 493	34 794,091	726 467,805	20,879	20,414	75	76	54 209	2 389,839	16 786,875	7,024	6,559
26	27	98 427	33 353,078	691 673,714	20,738	20,273	76	77	51 221	2 166,064	14 397,036	6,647	6,181
27	28	98 359	31 971,216	658 320,637	20,591	20,126	77	78	48 088	1 950,655	12 230,973	6,270	5,805
28	29	98 282	30 644,005	626 349,421	20,440	19,974	78	79	44 809	1 743,528	10 280,318	5,896	5,431
29	30	98 206	29 371,985	595 705,416	20,281	19,816	79	80	41 330	1 542,595	8 536,789	5,534	5,069
30	31	98 121	28 150,072	566 333,431	20,118	19,653	80	81	37 665	1 348,490	6 994,195	5,187	4,721
31	32	98 033	26 978,297	538 183,359	19,949	19,484	81	82	33 896	1 164,078	5 645,705	4,850	4,385
32	33	97 932	25 851,674	511 205,062	19,775	19,309	82	83	30 048	989,857	4 481,626	4,528	4,062
33	34	97 828	24 771,574	485 353,388	19,593	19,128	83	84	26 186	827,482	3 491,769	4,220	3,755
34	35	97 720	23 735,543	460 581,813	19,405	18,940	84	85	22 355	677,604	2 664,287	3,932	3,467
35	36	97 602	22 740,416	436 846,270	19,210	18,745	85	86	18 662	542,614	1 986,683	3,661	3,196
36	37	97 470	21 783,766	414 105,854	19,010	18,545	86	87	15 175	423,232	1 444,069	3,412	2,947
37	38	97 339	20 867,550	392 322,088	18,801	18,335	87	88	12 002	321,102	1 020,837	3,179	2,714
38	39	97 191	19 986,367	371 454,538	18,585	18,120	88	89	9 211	236,385	699,735	2,960	2,495
39	40	97 031	19 140,046	351 468,171	18,363	17,898	89	90	6 824	167,990	463,349	2,758	2,293
40	41	96 859	18 327,272	332 328,124	18,133	17,668	90	91	4 870	114,998	295,360	2,568	2,103
41	42	96 664	17 544,630	314 000,852	17,897	17,432	91	92	3 327	75,359	180,361	2,393	1,928
42	43	96 455	16 793,143	296 456,223	17,653	17,188	92	93	2 156	46,842	105,002	2,242	1,776
43	44	96 225	16 070,054	279 663,079	17,403	16,938	93	94	1 323	27,565	58,160	2,110	1,645
44	45	95 969	15 373,977	263 593,026	17,145	16,680	94	95	765	15,292	30,595	2,001	1,536
45	46	95 691	14 704,372	248 219,048	16,881	16,415	95	96	417	8,003	15,303	1,912	1,447
46	47	95 374	14 058,206	233 514,676	16,611	16,145	96	97	218	4,004	7,301	1,823	1,358
47	48	95 029	13 436,338	219 456,470	16,333	15,868	97	98	108	1,909	3,296	1,727	1,262
48	49	94 641	12 835,971	206 020,132	16,050	15,585	98	99	50	0,843	1,387	1,646	1,181
49	50	94 207	12 256,153	193 184,160	15,762	15,297	99	100	21	0,346	0,545	1,577	1,111

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 296 651,406	23,042	22,577
1	3	99 305	95 256,846	2 196 980,827	23,064	22,599
2	4	99 266	91 337,700	2 101 723,981	23,010	22,545
3	5	99 242	87 592,470	2 010 386,281	22,952	22,486
4	6	99 222	84 004,436	1 922 793,812	22,889	22,424
5	7	99 204	80 565,145	1 838 789,376	22,824	22,358
6	8	99 189	77 269,623	1 758 224,231	22,754	22,289
7	9	99 173	74 107,267	1 680 954,608	22,683	22,218
8	10	99 158	71 075,523	1 606 847,340	22,608	22,142
9	11	99 144	68 168,366	1 535 771,817	22,529	22,064
10	12	99 129	65 379,192	1 467 603,451	22,448	21,982
11	13	99 113	62 704,069	1 402 224,259	22,363	21,897
12	14	99 096	60 137,261	1 339 520,190	22,274	21,809
13	15	99 078	57 675,049	1 279 382,929	22,183	21,717
14	16	99 056	55 311,577	1 221 707,880	22,088	21,623
15	17	99 030	53 042,775	1 166 396,303	21,990	21,525
16	18	99 001	50 865,264	1 113 353,528	21,888	21,423
17	19	98 955	48 769,119	1 062 488,264	21,786	21,321
18	20	98 907	46 758,186	1 013 719,144	21,680	21,215
19	21	98 851	44 826,481	966 960,958	21,571	21,106
20	22	98 793	42 973,952	922 134,477	21,458	20,993
21	23	98 731	41 196,306	879 160,525	21,341	20,876
22	24	98 666	39 490,598	837 964,219	21,219	20,754
23	25	98 605	37 857,164	798 473,621	21,092	20,627
24	26	98 541	36 290,382	760 616,457	20,959	20,494
25	27	98 474	34 787,321	724 326,075	20,822	20,356
26	28	98 405	33 345,792	689 538,754	20,678	20,213
27	29	98 334	31 963,242	656 192,962	20,530	20,064
28	30	98 257	30 636,075	624 229,720	20,376	19,910
29	31	98 177	29 363,264	593 593,645	20,216	19,750
30	32	98 090	28 141,087	564 230,381	20,050	19,585
31	33	97 999	26 968,934	536 089,294	19,878	19,413
32	34	97 897	25 842,470	509 120,360	19,701	19,236
33	35	97 790	24 761,886	483 277,890	19,517	19,052
34	36	97 681	23 725,990	458 516,004	19,325	18,860
35	37	97 557	22 729,754	434 790,015	19,129	18,663
36	38	97 425	21 773,741	412 060,260	18,925	18,459
37	39	97 282	20 855,329	390 286,520	18,714	18,249
38	40	97 133	19 974,461	369 431,191	18,495	18,030
39	41	96 965	19 127,056	349 456,729	18,270	17,805
40	42	96 785	18 313,291	330 329,673	18,038	17,572
41	43	96 583	17 530,071	312 016,383	17,799	17,334
42	44	96 369	16 778,031	294 486,312	17,552	17,087
43	45	96 127	16 053,662	277 708,281	17,299	16,834
44	46	95 863	15 356,882	261 654,619	17,038	16,573
45	47	95 569	14 685,701	246 297,737	16,771	16,306
46	48	95 237	14 038,053	231 612,036	16,499	16,034
47	49	94 877	13 414,846	217 573,983	16,219	15,754
48	50	94 470	12 812,720	204 159,137	15,934	15,469
49	51	94 021	12 232,000	191 346,417	15,643	15,178
50	52	93 518	11 670,575	179 114,417	15,348	14,882
51	53	92 960	11 128,026	167 443,842	15,047	14,582
52	54	92 348	10 604,090	156 315,816	14,741	14,276
53	55	91 663	10 096,297	145 711,726	14,432	13,967
54	56	90 904	9 604,478	135 615,429	14,120	13,655
55	57	90 070	9 128,419	126 010,951	13,804	13,339
56	58	89 159	8 667,699	116 882,532	13,485	13,020
57	59	88 159	8 221,129	108 214,834	13,163	12,698
58	60	87 072	7 788,709	99 993,705	12,838	12,373
59	61	85 871	7 368,186	92 204,996	12,514	12,049
60	62	84 601	6 963,245	84 836,810	12,184	11,718
61	63	83 243	6 572,123	77 873,565	11,849	11,384
62	64	81 786	6 193,870	71 301,441	11,512	11,046
63	65	80 205	5 826,541	65 107,571	11,174	10,709
64	66	78 523	5 471,776	59 281,030	10,834	10,369
65	67	76 726	5 128,576	53 809,254	10,492	10,027
66	68	74 814	4 796,941	48 680,678	10,148	9,683
67	69	72 840	4 479,936	43 883,737	9,796	9,330
68	70	70 733	4 172,999	39 403,801	9,443	8,977
69	71	68 564	3 880,153	35 230,802	9,080	8,615
70	72	66 250	3 596,357	31 350,649	8,717	8,252
71	73	63 833	3 323,859	27 754,293	8,350	7,885
72	74	61 312	3 062,426	24 430,434	7,977	7,512
73	75	58 687	2 811,822	21 368,008	7,599	7,134
74	76	55 939	2 570,897	18 556,187	7,218	6,753
75	77	53 026	2 337,678	15 985,290	6,838	6,373
76	78	49 969	2 113,099	13 647,612	6,459	5,993
77	79	46 737	1 895,841	11 534,513	6,084	5,619
78	80	43 333	1 686,125	9 638,672	5,716	5,251
79	81	39 742	1 483,347	7 952,546	5,361	4,896
80	82	36 005	1 289,072	6 469,199	5,018	4,553
81	83	32 189	1 105,477	5 180,127	4,686	4,221
82	84	28 302	932,364	4 074,650	4,370	3,905
83	85	24 426	771,858	3 142,286	4,071	3,606
84	86	20 628	625,279	2 370,428	3,791	3,326
85	87	17 003	494,372	1 745,150	3,530	3,065
86	88	13 639	380,405	1 250,778	3,288	2,823
87	89	10 624	284,231	870,373	3,062	2,597
88	90	8 005	205,438	586,141	2,853	2,388
89	91	5 815	143,138	380,703	2,660	2,194
90	92	4 055	95,755	237,565	2,481	2,016
91	93	2 703	61,225	141,810	2,316	1,851
92	94	1 705	37,043	80,585	2,175	1,710
93	95	1 012	21,082	43,543	2,065	1,600
94	96	574	11,484	22,460	1,956	1,491
95	97	305	5,846	10,976	1,878	1,412
96	98	157	2,895	5,130	1,772	1,307
97	99	75	1,327	2,235	1,684	1,219
98	100	33	0,564	0,908	1,610	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 294 158,363	23,020	22,555
1	4	99 293	95 245,497	2 194 499,652	23,040	22,575
2	5	99 257	91 329,394	2 099 254,155	22,986	22,520
3	6	99 234	87 585,901	2 007 924,761	22,925	22,460
4	7	99 215	83 998,906	1 920 338,861	22,861	22,396
5	8	99 199	80 561,174	1 836 339,954	22,794	22,329
6	9	99 183	77 264,839	1 755 778,781	22,724	22,259
7	10	99 167	74 102,472	1 678 513,942	22,651	22,186
8	11	99 152	71 071,312	1 604 411,470	22,575	22,109
9	12	99 137	68 163,289	1 533 340,158	22,495	22,030
10	13	99 121	65 374,019	1 465 176,869	22,412	21,947
11	14	99 105	62 698,694	1 399 802,850	22,326	21,861
12	15	99 086	60 130,951	1 337 104,156	22,237	21,771
13	16	99 066	57 667,834	1 276 973,205	22,144	21,678
14	17	99 042	55 303,773	1 219 305,371	22,047	21,582
15	18	99 016	53 035,009	1 164 001,599	21,948	21,483
16	19	98 981	50 854,905	1 110 966,590	21,846	21,381
17	20	98 936	48 759,706	1 060 111,685	21,742	21,276
18	21	98 889	46 749,528	1 011 351,979	21,633	21,168
19	22	98 834	44 819,060	964 602,451	21,522	21,057
20	23	98 776	42 966,516	919 783,391	21,407	20,942
21	24	98 710	41 187,367	876 816,875	21,288	20,823
22	25	98 649	39 483,901	835 629,508	21,164	20,699
23	26	98 586	37 850,105	796 145,607	21,034	20,569
24	27	98 522	36 283,321	758 295,502	20,899	20,434
25	28	98 453	34 779,722	722 012,181	20,760	20,294
26	29	98 381	33 337,476	687 232,459	20,614	20,149
27	30	98 309	31 954,971	653 894,983	20,463	19,998
28	31	98 228	30 626,978	621 940,012	20,307	19,842
29	32	98 146	29 353,891	591 313,034	20,144	19,679
30	33	98 056	28 131,321	561 959,143	19,976	19,511
31	34	97 964	26 959,332	533 827,822	19,801	19,336
32	35	97 858	25 832,362	506 868,490	19,621	19,156
33	36	97 750	24 751,920	481 036,128	19,434	18,969
34	37	97 635	23 714,866	456 284,208	19,240	18,775
35	38	97 512	22 719,294	432 569,342	19,040	18,575
36	39	97 368	21 760,989	409 850,049	18,834	18,369
37	40	97 224	20 842,905	388 089,060	18,620	18,155
38	41	97 067	19 960,905	367 246,155	18,398	17,933
39	42	96 891	19 112,465	347 285,250	18,171	17,705
40	43	96 705	18 298,094	328 172,785	17,935	17,470
41	44	96 496	17 514,295	309 874,691	17,693	17,227
42	45	96 270	16 760,916	292 360,396	17,443	16,978
43	46	96 020	16 035,811	275 599,479	17,187	16,721
44	47	95 741	15 337,383	259 563,669	16,924	16,458
45	48	95 432	14 664,649	244 226,286	16,654	16,189
46	49	95 085	14 015,598	229 561,637	16,379	15,914
47	50	94 705	13 390,546	215 546,039	16,097	15,632
48	51	94 283	12 787,470	202 155,493	15,809	15,344
49	52	93 813	12 204,982	189 368,023	15,516	15,050
50	53	93 288	11 641,920	177 163,041	15,218	14,752
51	54	92 706	11 097,611	165 521,121	14,915	14,450
52	55	92 070	10 572,175	154 423,509	14,607	14,141
53	56	91 359	10 062,844	143 851,334	14,295	13,830
54	57	90 575	9 569,720	133 788,490	13,980	13,515
55	58	89 710	9 091,976	124 218,769	13,662	13,197
56	59	88 765	8 629,469	115 126,793	13,341	12,876
57	60	87 733	8 181,420	106 497,324	13,017	12,552
58	61	86 602	7 746,720	98 315,904	12,691	12,226
59	62	85 391	7 326,960	90 569,183	12,361	11,896
60	63	84 087	6 920,932	83 242,223	12,028	11,562
61	64	82 694	6 528,850	76 321,291	11,690	11,225
62	65	81 190	6 148,733	69 792,441	11,351	10,885
63	66	79 563	5 779,858	63 643,708	11,011	10,546
64	67	77 837	5 423,978	57 863,850	10,668	10,203
65	68	75 982	5 078,858	52 439,872	10,325	9,860
66	69	74 050	4 747,941	47 361,015	9,975	9,510
67	70	72 026	4 429,885	42 613,074	9,619	9,154
68	71	69 871	4 122,157	38 183,189	9,263	8,798
69	72	67 646	3 828,196	34 061,032	8,897	8,432
70	73	65 296	3 544,536	30 232,835	8,529	8,064
71	74	62 844	3 272,396	26 688,300	8,156	7,690
72	75	60 263	3 010,033	23 415,903	7,779	7,314
73	76	57 568	2 758,207	20 405,871	7,398	6,933
74	77	54 718	2 514,784	17 647,664	7,018	6,552
75	78	51 729	2 280,517	15 132,880	6,636	6,171
76	79	48 565	2 053,721	12 852,362	6,258	5,793
77	80	45 198	1 833,424	10 798,642	5,890	5,425
78	81	41 669	1 621,365	8 965,218	5,529	5,064
79	82	37 991	1 417,987	7 343,853	5,179	4,714
80	83	34 192	1 224,178	5 925,867	4,841	4,375
81	84	30 320	1 041,269	4 701,688	4,515	4,050
82	85	26 400	869,690	3 660,419	4,209	3,744
83	86	22 540	712,254	2 790,730	3,918	3,453
84	87	18 794	569,687	2 078,476	3,648	3,183
85	88	15 282	444,346	1 508,789	3,396	2,930
86	89	12 073	336,725	1 064,443	3,161	2,696
87	90	9 233	247,020	727,718	2,946	2,481
88	91	6 821	175,046	480,697	2,746	2,281
89	92	4 842	119,186	305,651	2,564	2,099
90	93	3 295	77,795	186,465	2,397	1,932
91	94	2 138	48,417	108,670	2,244	1,779
92	95	1 304	28,331	60,253	2,127	1,662
93	96	760	15,832	31,922	2,016	1,551
94	97	420	8,389	16,090	1,918	1,453
95	98	220	4,226	7,701	1,822	1,357
96	99	109	2,013	3,474	1,726	1,261
97	100	50	0,888	1,461	1,645	1,180

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 291 480,896	22,996	22,531
1	5	99 284	95 236,836	2 191 834,058	23,015	22,549
2	6	99 250	91 322,545	2 096 597,222	22,958	22,493
3	7	99 228	87 580,135	2 005 274,677	22,896	22,431
4	8	99 210	83 994,765	1 917 694,542	22,831	22,366
5	9	99 193	80 556,186	1 833 699,776	22,763	22,298
6	10	99 177	77 259,839	1 753 143,590	22,692	22,226
7	11	99 161	74 098,081	1 675 883,751	22,617	22,152
8	12	99 145	71 066,018	1 601 785,670	22,539	22,074
9	13	99 129	68 157,896	1 530 719,652	22,458	21,993
10	14	99 113	65 368,416	1 462 561,756	22,374	21,909
11	15	99 095	62 692,115	1 397 193,340	22,287	21,821
12	16	99 073	60 123,428	1 334 501,225	22,196	21,731
13	17	99 052	57 659,697	1 274 377,797	22,102	21,636
14	18	99 028	55 295,675	1 216 718,100	22,004	21,539
15	19	98 995	53 024,209	1 161 422,425	21,904	21,438
16	20	98 961	50 845,089	1 108 398,217	21,800	21,334
17	21	98 918	48 750,677	1 057 553,128	21,693	21,228
18	22	98 872	46 741,788	1 008 802,451	21,582	21,117
19	23	98 817	44 811,304	962 060,662	21,469	21,004
20	24	98 755	42 957,193	917 249,358	21,353	20,887
21	25	98 693	41 180,383	874 292,166	21,231	20,766
22	26	98 631	39 476,539	833 111,783	21,104	20,639
23	27	98 567	37 842,740	793 635,244	20,972	20,507
24	28	98 500	36 275,396	755 792,503	20,835	20,370
25	29	98 428	34 771,048	719 517,107	20,693	20,228
26	30	98 355	33 328,849	684 746,059	20,545	20,080
27	31	98 280	31 945,482	651 417,210	20,392	19,926
28	32	98 196	30 617,202	619 471,728	20,233	19,768
29	33	98 112	29 343,704	588 854,526	20,067	19,602
30	34	98 021	28 121,305	559 510,822	19,896	19,431
31	35	97 926	26 948,788	531 389,517	19,718	19,253
32	36	97 819	25 821,965	504 440,730	19,535	19,070
33	37	97 705	24 740,315	478 618,764	19,346	18,880
34	38	97 590	23 703,952	453 878,449	19,148	18,683
35	39	97 455	22 705,988	430 174,498	18,945	18,480
36	40	97 310	21 748,025	407 468,510	18,736	18,271
37	41	97 158	20 828,759	385 720,485	18,519	18,053
38	42	96 993	19 945,677	364 891,725	18,294	17,829
39	43	96 811	19 096,605	344 946,048	18,063	17,598
40	44	96 618	18 281,627	325 849,443	17,824	17,359
41	45	96 398	17 496,430	307 567,816	17,579	17,114
42	46	96 163	16 742,279	290 071,386	17,326	16,860
43	47	95 898	16 015,450	273 329,107	17,067	16,601
44	48	95 604	15 315,396	257 313,657	16,801	16,336
45	49	95 279	14 641,192	241 998,261	16,529	16,063
46	50	94 912	13 990,210	227 357,069	16,251	15,786
47	51	94 518	13 364,157	213 366,860	15,966	15,500
48	52	94 075	12 759,226	200 002,702	15,675	15,210
49	53	93 583	12 175,015	187 243,477	15,379	14,914
50	54	93 033	11 610,101	175 068,462	15,079	14,614
51	55	92 427	11 064,212	163 458,361	14,774	14,308
52	56	91 765	10 537,146	152 394,149	14,463	13,997
53	57	91 029	10 026,428	141 857,003	14,148	13,683
54	58	90 213	9 531,515	131 830,575	13,831	13,366
55	59	89 315	9 051,875	122 299,060	13,511	13,046
56	60	88 337	8 587,789	113 247,185	13,187	12,722
57	61	87 260	8 137,314	104 659,396	12,862	12,396
58	62	86 118	7 703,376	96 522,082	12,530	12,065
59	63	84 872	7 282,437	88 818,705	12,196	11,731
60	64	83 533	6 875,362	81 536,268	11,859	11,394
61	65	82 092	6 481,272	74 660,906	11,519	11,054
62	66	80 539	6 099,468	68 179,635	11,178	10,713
63	67	78 868	5 729,368	62 080,166	10,835	10,370
64	68	77 082	5 371,396	56 350,798	10,491	10,026
65	69	75 206	5 026,978	50 979,402	10,141	9,676
66	70	73 223	4 694,896	45 952,424	9,788	9,323
67	71	71 148	4 375,913	41 257,528	9,428	8,963
68	72	68 935	4 066,960	36 881,614	9,069	8,603
69	73	66 671	3 773,035	32 814,655	8,697	8,232
70	74	64 285	3 489,656	29 041,620	8,322	7,857
71	75	61 769	3 216,411	25 551,963	7,944	7,479
72	76	59 114	2 952,639	22 335,553	7,565	7,099
73	77	56 311	2 698,006	19 382,914	7,184	6,719
74	78	53 380	2 453,293	16 684,908	6,801	6,336
75	79	50 276	2 216,434	14 231,615	6,421	5,956
76	80	46 966	1 986,105	12 015,181	6,050	5,584
77	81	43 462	1 763,006	10 029,075	5,689	5,223
78	82	39 833	1 549,923	8 266,070	5,333	4,868
79	83	36 079	1 346,603	6 716,146	4,987	4,522
80	84	32 206	1 153,076	5 369,543	4,657	4,191
81	85	28 282	971,274	4 216,468	4,341	3,876
82	86	24 361	802,531	3 245,194	4,044	3,578
83	87	20 536	648,929	2 442,663	3,764	3,299
84	88	16 892	512,040	1 793,734	3,503	3,038
85	89	13 527	393,324	1 281,694	3,259	2,793
86	90	10 492	292,642	888,370	3,036	2,570
87	91	7 867	210,477	595,728	2,830	2,365
88	92	5 680	145,755	385,251	2,643	2,178
89	93	3 934	96,831	239,496	2,473	2,008
90	94	2 605	61,521	142,664	2,319	1,854
91	95	1 635	37,030	81,144	2,191	1,726
92	96	979	21,276	44,113	2,073	1,608
93	97	555	11,566	22,837	1,975	1,509
94	98	303	6,065	11,272	1,859	1,393
95	99	153	2,939	5,207	1,772	1,307
96	100	73	1,347	2,268	1,683	1,218

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 288 609,094	22,969	22,504
1	6	99 277	95 229,694	2 188 971,318	22,986	22,521
2	7	99 243	91 316,534	2 093 741,624	22,928	22,463
3	8	99 223	87 575,818	2 002 425,091	22,865	22,400
4	9	99 204	83 989,565	1 914 849,273	22,799	22,333
5	10	99 186	80 550,973	1 830 859,708	22,729	22,264
6	11	99 171	77 255,261	1 750 308,734	22,656	22,191
7	12	99 153	74 092,562	1 673 053,473	22,581	22,115
8	13	99 137	71 060,396	1 598 960,910	22,501	22,036
9	14	99 121	68 152,054	1 527 900,515	22,419	21,954
10	15	99 102	65 361,556	1 459 748,461	22,333	21,868
11	16	99 082	62 684,272	1 394 386,905	22,245	21,779
12	17	99 059	60 114,945	1 331 702,633	22,153	21,687
13	18	99 037	57 651,254	1 271 587,689	22,057	21,591
14	19	99 007	55 284,415	1 213 936,434	21,958	21,493
15	20	98 976	53 013,974	1 158 652,020	21,856	21,390
16	21	98 943	50 835,674	1 105 638,046	21,749	21,284
17	22	98 901	48 742,606	1 054 802,372	21,640	21,175
18	23	98 855	46 733,700	1 006 059,766	21,528	21,062
19	24	98 796	44 801,581	959 326,066	21,413	20,948
20	25	98 738	42 949,908	914 524,485	21,293	20,828
21	26	98 675	41 172,704	871 574,577	21,169	20,704
22	27	98 612	39 468,858	830 401,873	21,039	20,574
23	28	98 546	37 834,474	790 933,015	20,905	20,440
24	29	98 476	36 266,349	753 098,540	20,766	20,301
25	30	98 403	34 762,050	716 832,191	20,621	20,156
26	31	98 326	33 318,952	682 070,141	20,471	20,006
27	32	98 248	31 935,285	648 751,189	20,315	19,849
28	33	98 162	30 606,576	616 815,903	20,153	19,688
29	34	98 077	29 333,256	586 209,327	19,984	19,519
30	35	97 982	28 110,306	556 876,070	19,810	19,345
31	36	97 886	26 937,941	528 765,764	19,629	19,164
32	37	97 773	25 809,859	501 827,823	19,443	18,978
33	38	97 660	24 728,929	476 017,964	19,249	18,784
34	39	97 533	23 690,069	451 289,036	19,050	18,584
35	40	97 397	22 692,462	427 598,967	18,843	18,378
36	41	97 244	21 733,265	404 906,505	18,631	18,166
37	42	97 084	20 812,870	383 173,240	18,410	17,945
38	43	96 912	19 929,126	362 360,370	18,182	17,717
39	44	96 723	19 079,419	342 431,244	17,948	17,482
40	45	96 519	18 262,979	323 351,824	17,705	17,240
41	46	96 291	17 476,974	305 088,845	17,457	16,991
42	47	96 041	16 721,021	287 611,870	17,201	16,735
43	48	95 761	15 992,491	270 890,850	16,939	16,473
44	49	95 451	15 290,898	254 898,359	16,670	16,205
45	50	95 107	14 614,670	239 607,461	16,395	15,930
46	51	94 725	13 962,640	224 992,791	16,114	15,649
47	52	94 310	13 334,639	211 030,151	15,826	15,360
48	53	93 844	12 727,898	197 695,512	15,532	15,067
49	54	93 327	12 141,739	184 967,615	15,234	14,769
50	55	92 753	11 575,159	172 825,876	14,931	14,466
51	56	92 121	11 027,552	161 250,717	14,623	14,157
52	57	91 433	10 499,013	150 223,165	14,308	13,843
53	58	90 665	9 986,400	139 724,152	13,991	13,526
54	59	89 815	9 489,476	129 737,752	13,672	13,207
55	60	88 883	9 008,155	120 248,276	13,349	12,884
56	61	87 860	8 541,492	111 240,122	13,024	12,558
57	62	86 772	8 091,785	102 698,630	12,692	12,226
58	63	85 594	7 656,566	94 606,845	12,356	11,891
59	64	84 313	7 234,487	86 950,279	12,019	11,554
60	65	82 925	6 825,258	79 715,792	11,680	11,214
61	66	81 434	6 429,343	72 890,534	11,337	10,872
62	67	79 836	6 046,187	66 461,191	10,992	10,527
63	68	78 103	5 673,826	60 415,004	10,648	10,183
64	69	76 295	5 316,528	54 741,178	10,296	9,831
65	70	74 366	4 970,816	49 424,650	9,943	9,478
66	71	72 331	4 637,696	44 453,835	9,585	9,120
67	72	70 196	4 317,318	39 816,139	9,222	8,757
68	73	67 942	4 008,358	35 498,821	8,856	8,391
69	74	65 639	3 714,618	31 490,463	8,477	8,012
70	75	63 185	3 429,954	27 775,845	8,098	7,633
71	76	60 591	3 155,082	24 345,891	7,716	7,251
72	77	57 823	2 888,194	21 190,809	7,337	6,872
73	78	54 934	2 632,035	18 302,615	6,954	6,489
74	79	51 880	2 384,355	15 670,580	6,572	6,107
75	80	48 621	2 143,462	13 286,225	6,198	5,733
76	81	45 162	1 909,823	11 142,764	5,834	5,369
77	82	41 547	1 685,323	9 232,940	5,478	5,013
78	83	37 828	1 471,898	7 547,617	5,128	4,663
79	84	33 983	1 268,390	6 075,720	4,790	4,325
80	85	30 042	1 075,565	4 807,330	4,470	4,004
81	86	26 098	896,271	3 731,765	4,164	3,698
82	87	22 195	731,180	2 835,494	3,878	3,413
83	88	18 458	583,264	2 104,315	3,608	3,143
84	89	14 953	453,245	1 521,051	3,356	2,891
85	90	11 756	341,831	1 067,806	3,124	2,659
86	91	8 940	249,349	725,975	2,911	2,446
87	92	6 551	175,257	476,625	2,720	2,254
88	93	4 614	118,417	301,369	2,545	2,080
89	94	3 111	76,574	182,951	2,389	1,924
90	95	1 993	47,053	106,377	2,261	1,796
91	96	1 228	27,809	59,324	2,133	1,668
92	97	715	15,542	31,515	2,028	1,562
93	98	401	8,361	15,973	1,910	1,445
94	99	211	4,217	7,612	1,805	1,340
95	100	103	1,967	3,395	1,726	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 285 530,185	22,940	22,475
1	7	99 270	95 223,425	2 185 899,881	22,955	22,490
2	8	99 238	91 312,032	2 090 676,456	22,896	22,431
3	9	99 217	87 570,396	1 999 364,424	22,832	22,366
4	10	99 198	83 984,130	1 911 794,028	22,764	22,299
5	11	99 180	80 546,200	1 827 809,897	22,693	22,227
6	12	99 164	77 249,507	1 747 263,697	22,618	22,153
7	13	99 145	74 086,700	1 670 014,190	22,541	22,076
8	14	99 129	71 054,304	1 595 927,489	22,461	21,995
9	15	99 110	68 144,902	1 524 873,185	22,377	21,912
10	16	99 090	65 353,379	1 456 728,283	22,290	21,825
11	17	99 068	62 675,427	1 391 374,903	22,200	21,734
12	18	99 045	60 106,143	1 328 699,477	22,106	21,641
13	19	99 017	57 639,514	1 268 593,334	22,009	21,544
14	20	98 988	55 273,743	1 210 953,820	21,908	21,443
15	21	98 958	53 004,157	1 155 680,077	21,804	21,338
16	22	98 927	50 827,258	1 102 675,919	21,695	21,229
17	23	98 884	48 734,171	1 051 848,661	21,583	21,118
18	24	98 834	46 723,559	1 003 114,490	21,469	21,004
19	25	98 779	44 793,984	956 390,931	21,351	20,886
20	26	98 719	42 941,900	911 596,947	21,229	20,763
21	27	98 656	41 164,693	868 655,047	21,102	20,637
22	28	98 590	39 460,237	827 490,354	20,970	20,505
23	29	98 521	37 825,039	788 030,117	20,834	20,368
24	30	98 450	36 256,964	750 205,079	20,691	20,226
25	31	98 373	34 751,728	713 948,114	20,544	20,079
26	32	98 295	33 308,317	679 196,386	20,391	19,926
27	33	98 214	31 924,202	645 888,069	20,232	19,767
28	34	98 127	30 595,679	613 963,867	20,067	19,602
29	35	98 038	29 321,784	583 368,187	19,895	19,430
30	36	97 943	28 098,992	554 046,404	19,718	19,252
31	37	97 841	26 925,312	525 947,412	19,534	19,068
32	38	97 728	25 797,980	499 022,100	19,343	18,878
33	39	97 603	24 714,446	473 224,120	19,148	18,682
34	40	97 475	23 675,957	448 509,674	18,944	18,478
35	41	97 331	22 677,060	424 833,717	18,734	18,269
36	42	97 170	21 716,686	402 156,657	18,518	18,053
37	43	97 003	20 795,599	380 439,971	18,294	17,829
38	44	96 825	19 911,191	359 644,372	18,062	17,597
39	45	96 625	19 059,958	339 733,180	17,824	17,359
40	46	96 412	18 242,672	320 673,223	17,578	17,113
41	47	96 169	17 454,783	302 430,551	17,327	16,861
42	48	95 903	16 697,051	284 975,768	17,067	16,602
43	49	95 607	15 966,909	268 278,717	16,802	16,337
44	50	95 278	15 263,199	252 311,808	16,531	16,066
45	51	94 919	14 585,869	237 048,608	16,252	15,787
46	52	94 516	13 931,799	222 462,739	15,968	15,503
47	53	94 078	13 301,898	208 530,940	15,677	15,212
48	54	93 588	12 693,111	195 229,041	15,381	14,915
49	55	93 046	12 105,197	182 535,931	15,079	14,614
50	56	92 446	11 536,806	170 430,734	14,773	14,308
51	57	91 788	10 987,644	158 893,928	14,461	13,996
52	58	91 068	10 457,098	147 906,284	14,144	13,679
53	59	90 265	9 942,354	137 449,186	13,825	13,359
54	60	89 381	9 443,642	127 506,832	13,502	13,037
55	61	88 404	8 959,592	118 063,190	13,177	12,712
56	62	87 369	8 493,701	109 103,599	12,845	12,380
57	63	86 245	8 042,614	100 609,897	12,510	12,044
58	64	85 031	7 606,152	92 567,283	12,170	11,705
59	65	83 699	7 181,766	84 961,131	11,830	11,365
60	66	82 260	6 770,573	77 779,365	11,488	11,023
61	67	80 723	6 373,180	71 008,791	11,142	10,677
62	68	79 062	5 987,573	64 635,612	10,795	10,330
63	69	77 305	5 615,869	58 648,039	10,443	9,978
64	70	75 443	5 257,131	53 032,170	10,088	9,622
65	71	73 460	4 910,254	47 775,039	9,730	9,264
66	72	71 362	4 575,596	42 864,786	9,368	8,903
67	73	69 184	4 255,109	38 289,190	8,998	8,533
68	74	66 890	3 946,297	34 034,082	8,624	8,159
69	75	64 516	3 651,067	30 087,784	8,241	7,776
70	76	61 980	3 364,553	26 436,718	7,857	7,392
71	77	59 269	3 086,219	23 072,164	7,476	7,011
72	78	56 409	2 817,572	19 985,946	7,093	6,628
73	79	53 391	2 558,074	17 168,373	6,711	6,246
74	80	50 172	2 305,854	14 610,299	6,336	5,871
75	81	46 753	2 061,136	12 304,445	5,970	5,505
76	82	43 172	1 825,671	10 243,310	5,611	5,145
77	83	39 455	1 600,481	8 417,638	5,259	4,794
78	84	35 631	1 386,407	6 817,157	4,917	4,452
79	85	31 699	1 183,127	5 430,750	4,590	4,125
80	86	27 722	992,508	4 247,622	4,280	3,814
81	87	23 777	816,585	3 255,114	3,986	3,521
82	88	19 949	657,192	2 438,529	3,711	3,245
83	89	16 338	516,291	1 781,337	3,450	2,985
84	90	12 995	393,907	1 265,046	3,212	2,746
85	91	10 017	291,261	871,139	2,991	2,526
86	92	7 444	207,624	579,878	2,793	2,328
87	93	5 322	142,386	372,253	2,614	2,149
88	94	3 649	93,645	229,867	2,455	1,989
89	95	2 379	58,566	136,223	2,326	1,861
90	96	1 496	35,335	77,657	2,198	1,733
91	97	897	20,315	42,321	2,083	1,618
92	98	517	11,236	22,007	1,959	1,493
93	99	279	5,813	10,771	1,853	1,388
94	100	141	2,823	4,957	1,756	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 282 232,625	22,909	22,443
1	8	99 266	95 218,731	2 182 608,880	22,922	22,457
2	9	99 232	91 306,379	2 087 390,148	22,861	22,396
3	10	99 210	87 564,730	1 996 083,770	22,796	22,330
4	11	99 192	83 979,154	1 908 519,040	22,726	22,261
5	12	99 173	80 540,201	1 824 539,886	22,654	22,189
6	13	99 156	77 243,396	1 743 999,685	22,578	22,113
7	14	99 137	74 080,350	1 666 756,289	22,499	22,034
8	15	99 118	71 046,848	1 592 675,940	22,417	21,952
9	16	99 098	68 136,377	1 521 629,091	22,332	21,867
10	17	99 076	65 344,158	1 453 492,714	22,244	21,778
11	18	99 054	62 666,250	1 388 148,557	22,151	21,686
12	19	99 025	60 093,902	1 325 482,307	22,057	21,592
13	20	98 998	57 628,388	1 265 388,404	21,958	21,493
14	21	98 970	55 263,508	1 207 760,016	21,855	21,389
15	22	98 942	52 995,382	1 152 496,507	21,747	21,282
16	23	98 910	50 818,463	1 099 501,126	21,636	21,171
17	24	98 863	48 723,597	1 048 682,663	21,523	21,058
18	25	98 817	46 715,636	999 959,066	21,405	20,940
19	26	98 761	44 785,631	953 243,430	21,285	20,819
20	27	98 700	42 933,545	908 457,799	21,160	20,694
21	28	98 634	41 155,702	865 524,254	21,030	20,565
22	29	98 565	39 450,396	824 368,552	20,896	20,431
23	30	98 496	37 815,250	784 918,157	20,757	20,291
24	31	98 421	36 246,198	747 102,906	20,612	20,147
25	32	98 342	34 740,636	710 856,708	20,462	19,997
26	33	98 261	33 296,758	676 116,072	20,306	19,841
27	34	98 179	31 912,836	642 819,315	20,143	19,678
28	35	98 089	30 583,713	610 906,479	19,975	19,510
29	36	97 999	29 309,982	580 322,766	19,799	19,334
30	37	97 897	28 085,818	551 012,784	19,619	19,154
31	38	97 795	26 912,920	522 926,966	19,430	18,965
32	39	97 671	25 782,872	496 014,046	19,238	18,773
33	40	97 544	24 699,724	470 231,175	19,038	18,573
34	41	97 409	23 659,888	445 531,451	18,831	18,365
35	42	97 256	22 659,761	421 871,563	18,618	18,152
36	43	97 089	21 698,665	399 211,802	18,398	17,933
37	44	96 916	20 776,885	377 513,137	18,170	17,705
38	45	96 726	19 890,881	356 736,253	17,935	17,469
39	46	96 517	19 038,764	336 845,372	17,693	17,227
40	47	96 290	18 219,508	317 806,608	17,443	16,978
41	48	96 031	17 429,761	299 587,100	17,188	16,723
42	49	95 750	16 670,342	282 157,338	16,926	16,460
43	50	95 434	15 937,986	265 486,996	16,657	16,192
44	51	95 090	15 233,121	249 549,010	16,382	15,917
45	52	94 710	14 553,652	234 315,889	16,100	15,635
46	53	94 284	13 897,592	219 762,237	15,813	15,348
47	54	93 821	13 265,542	205 864,644	15,519	15,054
48	55	93 306	12 654,909	192 599,102	15,219	14,754
49	56	92 738	12 065,088	179 944,193	14,914	14,449
50	57	92 112	11 495,056	167 879,105	14,604	14,139
51	58	91 421	10 943,778	156 384,050	14,290	13,825
52	59	90 666	10 410,976	145 440,271	13,970	13,505
53	60	89 829	9 894,333	135 029,295	13,647	13,182
54	61	88 899	9 392,731	125 134,962	13,323	12,857
55	62	87 909	8 909,462	115 742,232	12,991	12,526
56	63	86 838	8 442,088	106 832,770	12,655	12,190
57	64	85 677	7 989,658	98 390,682	12,315	11,850
58	65	84 411	7 550,723	90 401,023	11,972	11,507
59	66	83 028	7 124,225	82 850,300	11,629	11,164
60	67	81 542	6 711,430	75 726,075	11,283	10,818
61	68	79 940	6 311,396	69 014,646	10,935	10,470
62	69	78 254	5 926,411	62 703,250	10,580	10,115
63	70	76 442	5 553,127	56 776,839	10,224	9,759
64	71	74 523	5 193,080	51 223,712	9,864	9,399
65	72	72 476	4 844,504	46 030,632	9,502	9,036
66	73	70 334	4 509,664	41 186,128	9,133	8,668
67	74	68 113	4 189,228	36 676,464	8,755	8,290
68	75	65 746	3 878,782	32 487,236	8,376	7,910
69	76	63 286	3 581,450	28 608,454	7,988	7,523
70	77	60 627	3 291,118	25 027,004	7,604	7,139
71	78	57 820	3 010,755	21 735,886	7,219	6,754
72	79	54 824	2 738,398	18 725,131	6,838	6,373
73	80	51 633	2 473,854	15 986,733	6,462	5,997
74	81	48 245	2 217,291	13 512,879	6,094	5,629
75	82	44 693	1 970,317	11 295,588	5,733	5,268
76	83	40 999	1 733,764	9 325,271	5,379	4,913
77	84	37 164	1 507,522	7 591,507	5,036	4,571
78	85	33 236	1 293,212	6 083,985	4,705	4,239
79	86	29 251	1 091,765	4 790,773	4,388	3,923
80	87	25 257	904,267	3 699,009	4,091	3,625
81	88	21 371	733,955	2 794,742	3,808	3,343
82	89	17 659	581,730	2 060,787	3,543	3,077
83	90	14 199	448,699	1 479,057	3,296	2,831
84	91	11 073	335,634	1 030,358	3,070	2,605
85	92	8 341	242,523	694,725	2,865	2,399
86	93	6 048	168,683	452,201	2,681	2,216
87	94	4 209	112,599	283,519	2,518	2,053
88	95	2 791	71,622	170,920	2,386	1,921
89	96	1 787	43,981	99,298	2,258	1,793
90	97	1 093	25,813	55,316	2,143	1,678
91	98	648	14,686	29,504	2,009	1,544
92	99	360	7,812	14,817	1,897	1,431
93	100	187	3,892	7,005	1,800	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 278 705,577	22,874	22,409
1	9	99 259	95 212,836	2 179 086,742	22,886	22,421
2	10	99 226	91 300,471	2 083 873,906	22,824	22,359
3	11	99 205	87 559,541	1 992 573,435	22,757	22,292
4	12	99 184	83 972,899	1 905 013,894	22,686	22,221
5	13	99 165	80 533,829	1 821 040,995	22,612	22,147
6	14	99 147	77 236,774	1 740 507,166	22,535	22,069
7	15	99 127	74 072,576	1 663 270,392	22,455	21,989
8	16	99 106	71 037,960	1 589 197,816	22,371	21,906
9	17	99 084	68 126,763	1 518 159,856	22,284	21,819
10	18	99 061	65 334,590	1 450 033,093	22,194	21,729
11	19	99 033	62 653,488	1 384 698,502	22,101	21,636
12	20	99 006	60 082,303	1 322 045,014	22,004	21,539
13	21	98 979	57 617,717	1 261 962,711	21,902	21,437
14	22	98 954	55 254,359	1 204 344,994	21,796	21,331
15	23	98 924	52 986,211	1 149 090,635	21,687	21,221
16	24	98 888	50 807,436	1 096 104,423	21,574	21,108
17	25	98 846	48 715,335	1 045 296,988	21,457	20,992
18	26	98 799	46 706,926	996 581,653	21,337	20,872
19	27	98 741	44 776,917	949 874,727	21,213	20,748
20	28	98 679	42 924,167	905 097,810	21,086	20,621
21	29	98 610	41 145,438	862 173,643	20,954	20,489
22	30	98 540	39 440,187	821 028,205	20,817	20,352
23	31	98 466	37 804,022	781 588,019	20,675	20,210
24	32	98 390	36 234,629	743 783,997	20,527	20,062
25	33	98 308	34 728,579	707 549,369	20,374	19,908
26	34	98 226	33 284,902	672 820,790	20,214	19,749
27	35	98 141	31 900,354	639 535,887	20,048	19,583
28	36	98 049	30 571,403	607 635,533	19,876	19,411
29	37	97 953	29 296,240	577 064,130	19,698	19,232
30	38	97 852	28 072,892	547 767,889	19,512	19,047
31	39	97 738	26 897,158	519 694,997	19,322	18,856
32	40	97 613	25 767,513	492 797,839	19,125	18,660
33	41	97 478	24 682,960	467 030,327	18,921	18,456
34	42	97 335	23 641,839	442 347,367	18,710	18,245
35	43	97 176	22 640,958	418 705,528	18,493	18,028
36	44	97 002	21 679,138	396 064,570	18,269	17,804
37	45	96 817	20 755,691	374 385,433	18,038	17,573
38	46	96 619	19 868,763	353 629,741	17,798	17,333
39	47	96 395	19 014,590	333 760,978	17,553	17,088
40	48	96 152	18 193,390	314 746,388	17,300	16,835
41	49	95 877	17 401,881	296 552,998	17,041	16,576
42	50	95 577	16 640,145	279 151,117	16,776	16,311
43	51	95 246	15 906,578	262 510,973	16,503	16,038
44	52	94 880	15 199,474	246 604,395	16,225	15,759
45	53	94 477	14 517,919	231 404,921	15,939	15,474
46	54	94 026	13 859,608	216 887,002	15,649	15,184
47	55	93 539	13 225,618	203 027,394	15,351	14,886
48	56	92 997	12 612,978	189 801,776	15,048	14,583
49	57	92 402	12 021,425	177 188,797	14,739	14,274
50	58	91 744	11 449,164	165 167,372	14,426	13,961
51	59	91 018	10 895,510	153 718,208	14,108	13,643
52	60	90 229	10 360,691	142 822,698	13,785	13,320
53	61	89 345	9 840,992	132 462,006	13,460	12,995
54	62	88 402	9 340,178	122 621,014	13,128	12,663
55	63	87 375	8 855,322	113 280,837	12,792	12,327
56	64	86 266	8 386,502	104 425,514	12,452	11,986
57	65	85 053	7 931,435	96 039,012	12,109	11,643
58	66	83 735	7 490,226	88 107,577	11,763	11,298
59	67	82 303	7 061,992	80 617,352	11,416	10,950
60	68	80 751	6 646,366	73 555,360	11,067	10,602
61	69	79 124	6 246,926	66 908,994	10,711	10,245
62	70	77 380	5 860,200	60 662,068	10,352	9,886
63	71	75 510	5 485,470	54 801,868	9,990	9,525
64	72	73 526	5 123,543	49 316,398	9,625	9,160
65	73	71 432	4 774,698	44 192,854	9,256	8,790
66	74	69 245	4 439,842	39 418,157	8,878	8,413
67	75	66 948	4 117,557	34 978,315	8,495	8,030
68	76	64 492	3 804,824	30 860,758	8,111	7,646
69	77	61 905	3 503,281	27 055,934	7,723	7,258
70	78	59 145	3 210,644	23 552,653	7,336	6,871
71	79	56 195	2 926,152	20 342,009	6,952	6,487
72	80	53 019	2 648,241	17 415,857	6,576	6,111
73	81	49 650	2 378,838	14 767,617	6,208	5,743
74	82	46 119	2 119,591	12 388,778	5,845	5,380
75	83	42 443	1 871,128	10 269,187	5,488	5,023
76	84	38 617	1 633,064	8 398,059	5,143	4,677
77	85	34 666	1 406,185	6 764,995	4,811	4,346
78	86	30 669	1 193,348	5 358,810	4,491	4,025
79	87	26 650	994,698	4 165,462	4,188	3,722
80	88	22 701	812,764	3 170,763	3,901	3,436
81	89	18 917	649,679	2 358,000	3,629	3,164
82	90	15 347	505,571	1 708,321	3,379	2,914
83	91	12 099	382,320	1 202,750	3,146	2,681
84	92	9 220	279,470	820,431	2,936	2,470
85	93	6 777	197,036	540,960	2,745	2,280
86	94	4 783	133,395	343,924	2,578	2,113
87	95	3 219	86,119	210,530	2,445	1,979
88	96	2 096	53,786	124,411	2,313	1,848
89	97	1 305	32,129	70,625	2,198	1,733
90	98	790	18,661	38,496	2,063	1,598
91	99	451	10,211	19,835	1,943	1,477
92	100	241	5,230	9,624	1,840	1,375

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 274 937,428	22,838	22,373
1	10	99 253	95 206,675	2 175 324,761	22,848	22,383
2	11	99 220	91 295,061	2 080 118,086	22,785	22,319
3	12	99 197	87 553,019	1 988 823,025	22,716	22,250
4	13	99 177	83 966,255	1 901 270,006	22,643	22,178
5	14	99 157	80 526,926	1 817 303,750	22,568	22,102
6	15	99 137	77 228,669	1 736 776,825	22,489	22,024
7	16	99 114	74 063,309	1 659 548,155	22,407	21,942
8	17	99 092	71 027,936	1 585 484,846	22,322	21,857
9	18	99 069	68 116,788	1 514 456,909	22,233	21,768
10	19	99 041	65 321,285	1 446 340,121	22,142	21,677
11	20	99 014	62 641,395	1 381 018,836	22,046	21,581
12	21	98 987	60 071,178	1 318 377,441	21,947	21,482
13	22	98 963	57 608,178	1 258 306,264	21,842	21,377
14	23	98 936	55 244,797	1 200 698,085	21,734	21,269
15	24	98 903	52 974,714	1 145 453,288	21,623	21,157
16	25	98 871	50 798,820	1 092 478,574	21,506	21,041
17	26	98 827	48 706,251	1 041 679,753	21,387	20,922
18	27	98 779	46 697,838	992 973,502	21,264	20,799
19	28	98 720	44 767,137	946 275,664	21,138	20,673
20	29	98 654	42 913,462	901 508,528	21,008	20,542
21	30	98 584	41 134,790	858 595,066	20,873	20,408
22	31	98 511	39 428,475	817 460,276	20,733	20,268
23	32	98 435	37 791,955	778 031,801	20,587	20,122
24	33	98 355	36 222,054	740 239,846	20,436	19,971
25	34	98 273	34 716,214	704 017,792	20,279	19,814
26	35	98 187	33 271,884	669 301,578	20,116	19,651
27	36	98 101	31 887,515	636 029,694	19,946	19,481
28	37	98 003	30 557,070	604 142,179	19,771	19,306
29	38	97 908	29 282,757	573 585,109	19,588	19,123
30	39	97 795	28 056,451	544 302,352	19,400	18,935
31	40	97 680	26 881,135	516 245,901	19,205	18,740
32	41	97 546	25 750,024	489 364,766	19,004	18,539
33	42	97 404	24 664,130	463 614,741	18,797	18,332
34	43	97 254	23 622,221	438 950,611	18,582	18,117
35	44	97 088	22 620,582	415 328,390	18,361	17,895
36	45	96 903	21 657,024	392 707,808	18,133	17,668
37	46	96 709	20 732,612	371 050,784	17,897	17,432
38	47	96 496	19 843,535	350 318,172	17,654	17,189
39	48	96 257	18 987,331	330 474,637	17,405	16,940
40	49	95 998	18 164,288	311 487,305	17,148	16,683
41	50	95 703	17 370,358	293 323,017	16,886	16,421
42	51	95 388	16 607,353	275 952,659	16,616	16,151
43	52	95 036	15 871,444	259 345,306	16,340	15,875
44	53	94 647	15 162,155	243 473,862	16,058	15,593
45	54	94 219	14 478,239	228 311,708	15,769	15,304
46	55	93 743	13 817,896	213 833,468	15,475	15,010
47	56	93 229	13 181,796	200 015,572	15,174	14,708
48	57	92 660	12 567,333	186 833,776	14,867	14,401
49	58	92 033	11 973,433	174 266,443	14,554	14,089
50	59	91 339	11 398,667	162 293,010	14,238	13,773
51	60	90 578	10 842,885	150 894,343	13,916	13,451
52	61	89 742	10 304,837	140 051,458	13,591	13,126
53	62	88 845	9 785,931	129 746,622	13,258	12,793
54	63	87 865	9 283,421	119 960,691	12,922	12,457
55	64	86 800	8 797,015	110 677,270	12,581	12,116
56	65	85 637	8 325,387	101 880,255	12,237	11,772
57	66	84 371	7 867,887	93 554,869	11,891	11,426
58	67	83 003	7 424,795	85 686,982	11,541	11,075
59	68	81 505	6 993,530	78 262,186	11,191	10,725
60	69	79 926	6 578,475	71 268,657	10,834	10,368
61	70	78 240	6 177,134	64 690,182	10,473	10,007
62	71	76 437	5 788,802	58 513,047	10,108	9,643
63	72	74 499	5 412,018	52 724,245	9,742	9,277
64	73	72 466	5 049,716	47 312,227	9,369	8,904
65	74	70 326	4 700,772	42 262,511	8,991	8,525
66	75	68 060	4 363,884	37 561,739	8,607	8,142
67	76	65 671	4 039,045	33 197,855	8,219	7,754
68	77	63 085	3 721,779	29 158,810	7,835	7,369
69	78	60 391	3 417,619	25 437,031	7,443	6,978
70	79	57 483	3 120,424	22 019,412	7,057	6,591
71	80	54 345	2 829,813	18 898,988	6,679	6,213
72	81	50 983	2 546,527	16 069,174	6,310	5,845
73	82	47 462	2 274,020	13 522,647	5,947	5,481
74	83	43 797	2 012,888	11 248,627	5,588	5,123
75	84	39 978	1 762,449	9 235,739	5,240	4,775
76	85	36 022	1 523,288	7 473,290	4,906	4,441
77	86	31 989	1 297,598	5 950,002	4,585	4,120
78	87	27 942	1 087,250	4 652,404	4,279	3,814
79	88	23 953	894,045	3 565,154	3,988	3,522
80	89	20 095	719,438	2 671,109	3,713	3,248
81	90	16 441	564,624	1 951,671	3,457	2,991
82	91	13 076	430,778	1 387,047	3,220	2,755
83	92	10 074	318,344	956,269	3,004	2,539
84	93	7 491	227,053	637,924	2,810	2,344
85	94	5 359	155,816	410,871	2,637	2,172
86	95	3 658	102,024	255,055	2,500	2,035
87	96	2 417	64,672	153,031	2,366	1,901
88	97	1 531	39,291	88,358	2,249	1,784
89	98	944	23,227	49,067	2,112	1,647
90	99	549	12,975	25,840	1,992	1,526
91	100	302	6,836	12,865	1,882	1,417

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 270 919,532	22,799	22,334
1	11	99 247	95 201,034	2 171 313,311	22,808	22,342
2	12	99 213	91 288,261	2 076 112,277	22,742	22,277
3	13	99 189	87 546,093	1 984 824,016	22,672	22,207
4	14	99 168	83 959,058	1 897 277,924	22,598	22,132
5	15	99 146	80 518,476	1 813 318,866	22,521	22,055
6	16	99 124	77 219,008	1 732 800,390	22,440	21,975
7	17	99 100	74 052,859	1 655 581,382	22,357	21,892
8	18	99 077	71 017,537	1 581 528,523	22,270	21,804
9	19	99 049	68 102,916	1 510 510,987	22,180	21,715
10	20	99 022	65 308,677	1 442 408,070	22,086	21,621
11	21	98 996	62 629,796	1 377 099,393	21,988	21,523
12	22	98 971	60 061,232	1 314 469,598	21,885	21,420
13	23	98 946	57 598,210	1 254 408,366	21,779	21,313
14	24	98 915	55 232,810	1 196 810,156	21,668	21,203
15	25	98 886	52 965,731	1 141 577,346	21,553	21,088
16	26	98 853	50 789,348	1 088 611,615	21,434	20,969
17	27	98 808	48 696,774	1 037 822,266	21,312	20,847
18	28	98 758	46 687,638	989 125,492	21,186	20,721
19	29	98 695	44 755,972	942 437,854	21,057	20,592
20	30	98 628	42 902,357	897 681,882	20,924	20,459
21	31	98 555	41 122,576	854 779,526	20,786	20,321
22	32	98 479	39 415,890	813 656,950	20,643	20,178
23	33	98 401	37 778,839	774 241,060	20,494	20,029
24	34	98 320	36 209,157	736 462,221	20,339	19,874
25	35	98 235	34 702,636	700 253,064	20,179	19,713
26	36	98 148	33 258,493	665 550,428	20,011	19,546
27	37	98 055	31 872,564	632 291,935	19,838	19,373
28	38	97 958	30 543,007	600 419,371	19,658	19,193
29	39	97 851	29 265,608	569 876,364	19,473	19,007
30	40	97 736	28 039,738	540 610,756	19,280	18,815
31	41	97 614	26 862,891	512 571,019	19,081	18,616
32	42	97 472	25 730,381	485 708,127	18,877	18,412
33	43	97 323	24 643,664	459 977,747	18,665	18,200
34	44	97 166	23 600,962	435 334,083	18,446	17,980
35	45	96 989	22 597,508	411 733,121	18,220	17,755
36	46	96 795	21 632,942	389 135,613	17,988	17,523
37	47	96 587	20 706,287	367 502,670	17,748	17,283
38	48	96 358	19 815,089	346 796,383	17,502	17,036
39	49	96 103	18 956,960	326 981,294	17,249	16,783
40	50	95 824	18 131,384	308 024,335	16,988	16,523
41	51	95 515	17 336,127	289 892,950	16,722	16,257
42	52	95 178	16 570,671	272 556,823	16,448	15,983
43	53	94 802	15 832,474	255 986,152	16,168	15,703
44	54	94 389	15 120,715	240 153,678	15,882	15,417
45	55	93 935	14 434,665	225 032,963	15,590	15,125
46	56	93 433	13 772,112	210 598,298	15,292	14,826
47	57	92 891	13 134,093	196 826,186	14,986	14,521
48	58	92 290	12 517,161	183 692,093	14,675	14,210
49	59	91 628	11 920,623	171 174,932	14,360	13,894
50	60	90 898	11 343,611	159 254,309	14,039	13,574
51	61	90 090	10 784,431	147 910,698	13,715	13,250
52	62	89 240	10 247,180	137 126,267	13,382	12,917
53	63	88 305	9 726,465	126 879,087	13,045	12,580
54	64	87 286	9 222,295	117 152,622	12,703	12,238
55	65	86 167	8 732,908	107 930,327	12,359	11,894
56	66	84 951	8 258,682	99 197,419	12,011	11,546
57	67	83 634	7 799,158	90 938,737	11,660	11,195
58	68	82 199	7 352,816	83 139,579	11,307	10,842
59	69	80 672	6 922,093	75 786,763	10,949	10,483
60	70	79 033	6 504,979	68 864,670	10,586	10,121
61	71	77 286	6 101,875	62 359,691	10,220	9,755
62	72	75 414	5 711,288	56 257,816	9,850	9,385
63	73	73 426	5 334,034	50 546,528	9,476	9,011
64	74	71 344	4 971,533	45 212,494	9,094	8,629
65	75	69 122	4 620,349	40 240,961	8,710	8,244
66	76	66 762	4 280,675	35 620,612	8,321	7,856
67	77	64 238	3 950,889	31 339,937	7,932	7,467
68	78	61 542	3 630,775	27 389,048	7,544	7,078
69	79	58 694	3 321,583	23 758,273	7,153	6,687
70	80	55 590	3 017,690	20 436,690	6,772	6,307
71	81	52 258	2 721,126	17 419,001	6,401	5,936
72	82	48 737	2 434,321	14 697,875	6,038	5,573
73	83	45 073	2 159,543	12 263,554	5,679	5,214
74	84	41 254	1 895,975	10 104,011	5,329	4,864
75	85	37 291	1 643,976	8 208,036	4,993	4,528
76	86	33 240	1 405,658	6 564,060	4,670	4,205
77	87	29 145	1 182,231	5 158,403	4,363	3,898
78	88	25 115	977,231	3 976,171	4,069	3,604
79	89	21 203	791,386	2 998,940	3,789	3,324
80	90	17 464	625,251	2 207,554	3,531	3,065
81	91	14 009	481,095	1 582,303	3,289	2,824
82	92	10 888	358,694	1 101,208	3,070	2,605
83	93	8 185	258,636	742,514	2,871	2,406
84	94	5 924	179,554	483,878	2,695	2,230
85	95	4 099	119,173	304,324	2,554	2,088
86	96	2 747	76,617	185,151	2,417	1,951
87	97	1 766	47,244	108,535	2,297	1,832
88	98	1 107	28,405	61,291	2,158	1,692
89	99	656	16,149	32,885	2,036	1,571
90	100	368	8,686	16,736	1,927	1,462

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 266 642,233	22,757	22,292
1	12	99 240	95 193,943	2 167 041,914	22,764	22,299
2	13	99 205	91 281,038	2 071 847,971	22,697	22,232
3	14	99 181	87 538,588	1 980 566,932	22,625	22,160
4	15	99 158	83 950,247	1 893 028,344	22,549	22,084
5	16	99 134	80 508,403	1 809 078,097	22,471	22,005
6	17	99 110	77 208,112	1 728 569,694	22,388	21,923
7	18	99 086	74 042,016	1 651 361,582	22,303	21,838
8	19	99 057	71 003,075	1 577 319,566	22,215	21,750
9	20	99 030	68 089,771	1 506 316,491	22,123	21,657
10	21	99 004	65 296,584	1 438 226,720	22,026	21,561
11	22	98 980	62 619,427	1 372 930,137	21,925	21,460
12	23	98 954	60 050,839	1 310 310,710	21,820	21,355
13	24	98 924	57 585,712	1 250 259,871	21,711	21,246
14	25	98 898	55 223,444	1 192 674,159	21,597	21,132
15	26	98 868	52 955,855	1 137 450,715	21,479	21,014
16	27	98 834	50 779,466	1 084 494,860	21,357	20,892
17	28	98 787	48 686,138	1 033 715,394	21,232	20,767
18	29	98 733	46 675,994	985 029,256	21,104	20,638
19	30	98 670	44 744,390	938 353,262	20,971	20,506
20	31	98 599	42 889,617	893 608,872	20,835	20,370
21	32	98 523	41 109,450	850 719,255	20,694	20,229
22	33	98 445	39 402,211	809 609,805	20,547	20,082
23	34	98 366	37 765,388	770 207,594	20,395	19,929
24	35	98 282	36 194,995	732 442,206	20,236	19,771
25	36	98 195	34 688,669	696 247,211	20,071	19,606
26	37	98 102	33 242,900	661 558,542	19,901	19,436
27	38	98 010	31 857,896	628 315,643	19,722	19,257
28	39	97 901	30 525,119	596 457,747	19,540	19,075
29	40	97 792	29 248,174	565 932,628	19,349	18,884
30	41	97 670	28 020,707	536 684,454	19,153	18,688
31	42	97 539	26 842,399	508 663,747	18,950	18,485
32	43	97 391	25 709,029	481 821,348	18,741	18,276
33	44	97 235	24 621,486	456 112,319	18,525	18,060
34	45	97 067	23 576,888	431 490,833	18,301	17,836
35	46	96 881	22 572,381	407 913,944	18,071	17,606
36	47	96 672	21 605,474	385 341,564	17,835	17,370
37	48	96 448	20 676,604	363 736,089	17,592	17,126
38	49	96 204	19 783,393	343 059,485	17,341	16,876
39	50	95 929	18 922,620	323 276,092	17,084	16,619
40	51	95 635	18 095,654	304 353,472	16,819	16,354
41	52	95 304	17 297,836	286 257,819	16,549	16,084
42	53	94 944	16 529,985	268 959,983	16,271	15,806
43	54	94 543	15 789,202	252 429,998	15,988	15,522
44	55	94 104	15 075,207	236 640,796	15,697	15,232
45	56	93 624	14 386,837	221 565,589	15,401	14,935
46	57	93 095	13 722,272	207 178,752	15,098	14,633
47	58	92 520	13 081,658	193 456,480	14,788	14,323
48	59	91 883	12 461,953	180 374,822	14,474	14,009
49	60	91 185	11 863,046	167 912,868	14,154	13,689
50	61	90 408	11 282,458	156 049,822	13,831	13,366
51	62	89 586	10 724,091	144 767,364	13,499	13,034
52	63	88 698	10 184,912	134 043,274	13,161	12,696
53	64	87 724	9 662,422	123 858,362	12,819	12,353
54	65	86 650	9 155,089	114 195,940	12,473	12,008
55	66	85 477	8 662,939	105 040,852	12,125	11,660
56	67	84 209	8 186,539	96 377,913	11,773	11,308
57	68	82 823	7 723,550	88 191,374	11,419	10,953
58	69	81 359	7 277,709	80 467,824	11,057	10,592
59	70	79 771	6 844,758	73 190,115	10,693	10,228
60	71	78 070	6 425,725	66 345,358	10,325	9,860
61	72	76 252	6 020,169	59 919,632	9,953	9,488
62	73	74 327	5 628,992	53 899,464	9,575	9,110
63	74	72 289	5 251,449	48 270,472	9,192	8,727
64	75	70 124	4 886,478	43 019,023	8,804	8,338
65	76	67 804	4 532,251	38 132,545	8,414	7,948
66	77	65 305	4 187,245	33 600,294	8,024	7,559
67	78	62 667	3 854,282	29 413,049	7,631	7,166
68	79	59 813	3 528,749	25 558,768	7,243	6,778
69	80	56 762	3 212,226	22 030,018	6,858	6,393
70	81	53 455	2 901,786	18 817,793	6,485	6,020
71	82	49 955	2 601,226	15 916,007	6,119	5,653
72	83	46 283	2 311,773	13 314,780	5,760	5,294
73	84	42 455	2 034,112	11 003,007	5,409	4,944
74	85	38 480	1 768,526	8 968,895	5,071	4,606
75	86	34 411	1 517,026	7 200,369	4,746	4,281
76	87	30 285	1 280,684	5 683,343	4,438	3,973
77	88	26 196	1 062,601	4 402,659	4,143	3,678
78	89	22 231	865,021	3 340,058	3,861	3,396
79	90	18 427	687,779	2 475,037	3,599	3,133
80	91	14 880	532,753	1 787,258	3,355	2,890
81	92	11 664	400,591	1 254,505	3,132	2,666
82	93	8 846	291,418	853,914	2,930	2,465
83	94	6 472	204,530	562,496	2,750	2,285
84	95	4 531	137,328	357,966	2,607	2,141
85	96	3 078	89,495	220,638	2,465	2,000
86	97	2 007	55,969	131,143	2,343	1,878
87	98	1 277	34,155	75,174	2,201	1,736
88	99	770	19,749	41,019	2,077	1,612
89	100	439	10,812	21,270	1,967	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 262 094,922	22,713	22,248
1	13	99 232	95 186,412	2 162 502,021	22,719	22,253
2	14	99 196	91 273,214	2 067 315,610	22,650	22,185
3	15	99 170	87 529,402	1 976 042,396	22,576	22,111
4	16	99 145	83 939,745	1 888 512,994	22,498	22,033
5	17	99 120	80 497,043	1 804 573,248	22,418	21,953
6	18	99 096	77 196,808	1 724 076,206	22,334	21,868
7	19	99 065	74 026,938	1 646 879,398	22,247	21,782
8	20	99 038	70 989,369	1 572 852,460	22,156	21,691
9	21	99 012	68 077,163	1 501 863,091	22,061	21,596
10	22	98 987	65 285,773	1 433 785,928	21,962	21,496
11	23	98 962	62 608,591	1 368 500,155	21,858	21,393
12	24	98 932	60 037,809	1 305 891,564	21,751	21,286
13	25	98 908	57 575,947	1 245 853,755	21,638	21,173
14	26	98 880	55 213,147	1 188 277,808	21,522	21,056
15	27	98 849	52 945,551	1 133 064,661	21,401	20,935
16	28	98 812	50 768,375	1 080 119,110	21,275	20,810
17	29	98 762	48 673,995	1 029 350,735	21,148	20,683
18	30	98 708	46 663,915	980 676,740	21,016	20,551
19	31	98 640	44 731,104	934 012,825	20,881	20,415
20	32	98 568	42 875,927	889 281,721	20,741	20,276
21	33	98 489	41 095,183	846 405,793	20,596	20,131
22	34	98 410	39 388,182	805 310,611	20,445	19,980
23	35	98 327	37 750,618	765 922,429	20,289	19,824
24	36	98 242	36 180,427	728 171,811	20,126	19,661
25	37	98 149	34 672,405	691 991,384	19,958	19,493
26	38	98 057	33 227,601	657 318,979	19,782	19,317
27	39	97 953	31 839,238	624 091,379	19,601	19,136
28	40	97 843	30 506,935	592 252,141	19,414	18,948
29	41	97 726	29 228,323	561 745,205	19,219	18,754
30	42	97 595	27 999,331	532 516,882	19,019	18,554
31	43	97 458	26 820,124	504 517,551	18,811	18,346
32	44	97 304	25 685,893	477 697,426	18,598	18,132
33	45	97 136	24 596,371	452 011,534	18,377	17,912
34	46	96 959	23 550,672	427 415,162	18,149	17,684
35	47	96 758	22 543,720	403 864,491	17,915	17,450
36	48	96 534	21 574,502	381 320,771	17,675	17,209
37	49	96 294	20 643,530	359 746,269	17,427	16,961
38	50	96 029	19 747,557	339 102,739	17,172	16,707
39	51	95 739	18 885,330	319 355,182	16,910	16,445
40	52	95 424	18 055,684	300 469,852	16,641	16,176
41	53	95 070	17 255,364	282 414,168	16,367	15,902
42	54	94 684	16 484,806	265 158,804	16,085	15,620
43	55	94 259	15 741,682	248 673,998	15,797	15,332
44	56	93 793	15 025,257	232 932,315	15,503	15,037
45	57	93 285	14 334,773	217 907,059	15,201	14,736
46	58	92 723	13 667,489	203 572,286	14,895	14,429
47	59	92 112	13 023,961	189 904,797	14,581	14,116
48	60	91 440	12 401,762	176 880,836	14,263	13,797
49	61	90 693	11 799,092	164 479,074	13,940	13,475
50	62	89 902	11 219,331	152 679,981	13,609	13,143
51	63	89 042	10 658,924	141 460,650	13,272	12,806
52	64	88 114	10 117,850	130 801,726	12,928	12,463
53	65	87 085	9 592,009	120 683,876	12,582	12,116
54	66	85 956	9 081,737	111 091,868	12,232	11,767
55	67	84 730	8 587,264	102 010,131	11,879	11,414
56	68	83 393	8 107,176	93 422,867	11,523	11,058
57	69	81 977	7 644,655	85 315,691	11,160	10,695
58	70	80 450	7 196,401	77 671,036	10,793	10,328
59	71	78 799	6 761,364	70 474,635	10,423	9,958
60	72	77 025	6 339,683	63 713,271	10,050	9,585
61	73	75 153	5 933,422	57 373,588	9,670	9,204
62	74	73 176	5 541,840	51 440,166	9,282	8,817
63	75	71 052	5 161,605	45 898,326	8,892	8,427
64	76	68 786	4 793,305	40 736,721	8,499	8,033
65	77	66 325	4 433,329	35 943,417	8,108	7,642
66	78	63 708	4 084,859	31 510,087	7,714	7,249
67	79	60 906	3 745,976	27 425,228	7,321	6,856
68	80	57 843	3 412,571	23 679,253	6,939	6,474
69	81	54 581	3 088,850	20 266,682	6,561	6,096
70	82	51 100	2 773,926	17 177,831	6,193	5,727
71	83	47 440	2 470,276	14 403,905	5,831	5,366
72	84	43 595	2 177,501	11 933,629	5,480	5,015
73	85	39 601	1 897,377	9 756,128	5,142	4,677
74	86	35 509	1 631,958	7 858,750	4,816	4,350
75	87	31 352	1 382,151	6 226,792	4,505	4,040
76	88	27 220	1 151,091	4 844,641	4,209	3,744
77	89	23 188	940,588	3 693,550	3,927	3,462
78	90	19 321	751,774	2 752,962	3,662	3,197
79	91	15 701	586,031	2 001,188	3,415	2,950
80	92	12 390	443,605	1 415,157	3,190	2,725
81	93	9 477	325,457	971,552	2,985	2,520
82	94	6 996	230,454	646,095	2,804	2,338
83	95	4 950	156,430	415,641	2,657	2,192
84	96	3 402	103,129	259,211	2,513	2,048
85	97	2 248	65,377	156,083	2,387	1,922
86	98	1 451	40,463	90,706	2,242	1,776
87	99	888	23,747	50,243	2,116	1,651
88	100	515	13,222	26,496	2,004	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 257 268,955	22,667	22,202
1	14	99 223	95 178,252	2 157 683,934	22,670	22,205
2	15	99 186	91 263,636	2 062 505,681	22,599	22,134
3	16	99 158	87 518,452	1 971 242,045	22,524	22,059
4	17	99 131	83 927,901	1 883 723,593	22,445	21,979
5	18	99 105	80 485,256	1 799 795,692	22,362	21,897
6	19	99 076	77 181,087	1 719 310,436	22,276	21,811
7	20	99 046	74 012,649	1 642 129,349	22,187	21,722
8	21	99 020	70 976,224	1 568 116,699	22,094	21,628
9	22	98 995	68 065,892	1 497 140,475	21,995	21,530
10	23	98 970	65 274,476	1 429 074,583	21,893	21,428
11	24	98 941	62 595,006	1 363 800,107	21,788	21,322
12	25	98 915	60 027,628	1 301 205,102	21,677	21,212
13	26	98 889	57 565,211	1 241 177,473	21,561	21,096
14	27	98 861	55 202,404	1 183 612,262	21,441	20,976
15	28	98 827	52 933,986	1 128 409,858	21,317	20,852
16	29	98 787	50 755,713	1 075 475,871	21,189	20,724
17	30	98 736	48 661,400	1 024 720,158	21,058	20,593
18	31	98 678	46 650,059	976 058,759	20,923	20,458
19	32	98 609	44 716,826	929 408,700	20,784	20,319
20	33	98 534	42 861,047	884 691,874	20,641	20,176
21	34	98 454	41 080,551	841 830,826	20,492	20,027
22	35	98 372	39 372,777	800 750,275	20,338	19,872
23	36	98 288	37 735,424	761 377,499	20,177	19,712
24	37	98 196	36 163,464	723 642,075	20,010	19,545
25	38	98 104	34 656,448	687 478,611	19,837	19,372
26	39	97 999	33 208,140	652 822,163	19,658	19,193
27	40	97 894	31 820,271	619 614,023	19,472	19,007
28	41	97 776	30 486,230	587 793,752	19,281	18,815
29	42	97 651	29 206,026	557 307,521	19,082	18,617
30	43	97 514	27 976,097	528 101,495	18,877	18,412
31	44	97 371	26 795,988	500 125,398	18,664	18,199
32	45	97 204	25 659,692	473 329,410	18,446	17,981
33	46	97 028	24 569,021	447 669,718	18,221	17,756
34	47	96 836	23 520,769	423 100,697	17,988	17,523
35	48	96 619	22 511,403	399 579,928	17,750	17,285
36	49	96 379	21 539,992	377 068,525	17,506	17,040
37	50	96 119	20 606,135	355 528,533	17,254	16,788
38	51	95 840	19 708,641	334 922,398	16,994	16,528
39	52	95 528	18 843,616	315 213,757	16,728	16,263
40	53	95 189	18 011,352	296 370,141	16,455	15,989
41	54	94 810	17 208,203	278 358,789	16,176	15,711
42	55	94 399	16 435,193	261 150,586	15,890	15,425
43	56	93 946	15 689,524	244 715,393	15,597	15,132
44	57	93 453	14 970,882	229 025,869	15,298	14,833
45	58	92 913	14 277,545	214 054,987	14,992	14,527
46	59	92 314	13 607,208	199 777,443	14,682	14,217
47	60	91 667	12 961,055	186 170,235	14,364	13,899
48	61	90 947	12 334,904	173 209,180	14,042	13,577
49	62	90 186	11 733,075	160 874,276	13,711	13,246
50	63	89 356	11 151,155	149 141,201	13,375	12,909
51	64	88 455	10 588,741	137 990,045	13,032	12,567
52	65	87 472	10 044,117	127 401,304	12,684	12,219
53	66	86 387	9 515,156	117 357,187	12,334	11,868
54	67	85 205	9 002,404	107 842,031	11,979	11,514
55	68	83 909	8 504,016	98 839,627	11,623	11,157
56	69	82 541	8 024,363	90 335,611	11,258	10,792
57	70	81 061	7 559,248	82 311,248	10,889	10,424
58	71	79 470	7 108,723	74 752,001	10,516	10,050
59	72	77 744	6 670,827	67 643,277	10,140	9,675
60	73	75 915	6 248,332	60 972,450	9,758	9,293
61	74	73 989	5 841,556	54 724,118	9,368	8,903
62	75	71 924	5 447,028	48 882,562	8,974	8,509
63	76	69 697	5 063,186	43 435,534	8,579	8,113
64	77	67 285	4 688,686	38 372,348	8,184	7,719
65	78	64 703	4 324,926	33 683,663	7,788	7,323
66	79	61 918	3 970,073	29 358,736	7,395	6,930
67	80	58 901	3 622,646	25 388,663	7,008	6,543
68	81	55 622	3 281,501	21 766,017	6,633	6,168
69	82	52 176	2 952,748	18 484,516	6,260	5,795
70	83	48 527	2 634,282	15 531,768	5,896	5,431
71	84	44 685	2 326,798	12 897,486	5,543	5,078
72	85	40 664	2 031,127	10 570,688	5,204	4,739
73	86	36 543	1 750,859	8 539,561	4,877	4,412
74	87	32 352	1 486,865	6 788,701	4,566	4,101
75	88	28 179	1 242,291	5 301,837	4,268	3,803
76	89	24 095	1 018,917	4 059,546	3,984	3,519
77	90	20 152	817,448	3 040,629	3,720	3,254
78	91	16 462	640,559	2 223,181	3,471	3,005
79	92	13 074	487,968	1 582,622	3,243	2,778
80	93	10 066	360,403	1 094,654	3,037	2,572
81	94	7 494	257,372	734,251	2,853	2,388
82	95	5 350	176,257	476,879	2,706	2,240
83	96	3 718	117,474	300,622	2,559	2,094
84	97	2 485	75,337	183,148	2,431	1,966
85	98	1 626	47,264	107,811	2,281	1,816
86	99	1 009	28,133	60,547	2,152	1,687
87	100	594	15,898	32,415	2,039	1,574

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 252 154,427	22,617	22,152
1	15	99 213	95 168,265	2 152 577,941	22,619	22,153
2	16	99 173	91 252,219	2 057 409,677	22,546	22,081
3	17	99 144	87 506,103	1 966 157,458	22,469	22,004
4	18	99 117	83 915,613	1 878 651,355	22,387	21,922
5	19	99 085	80 468,866	1 794 735,742	22,303	21,838
6	20	99 057	77 166,189	1 714 266,876	22,215	21,750
7	21	99 028	73 998,944	1 637 100,687	22,123	21,658
8	22	99 003	70 964,474	1 563 101,742	22,027	21,561
9	23	98 978	68 054,114	1 492 137,269	21,926	21,461
10	24	98 949	65 260,312	1 424 083,155	21,822	21,356
11	25	98 924	62 584,391	1 358 822,843	21,712	21,247
12	26	98 897	60 016,435	1 296 238,452	21,598	21,133
13	27	98 870	57 554,011	1 236 222,016	21,479	21,014
14	28	98 839	55 190,347	1 178 668,006	21,356	20,891
15	29	98 802	52 920,785	1 123 477,659	21,229	20,764
16	30	98 762	50 742,579	1 070 556,874	21,098	20,633
17	31	98 707	48 646,950	1 019 814,295	20,964	20,498
18	32	98 647	46 635,169	971 167,345	20,825	20,360
19	33	98 575	44 701,307	924 532,176	20,682	20,217
20	34	98 498	42 845,787	879 830,869	20,535	20,070
21	35	98 416	41 064,484	836 985,083	20,382	19,917
22	36	98 332	39 356,930	795 920,599	20,223	19,758
23	37	98 242	37 717,731	756 563,669	20,059	19,593
24	38	98 151	36 146,821	718 845,938	19,887	19,422
25	39	98 046	34 636,151	682 699,117	19,711	19,245
26	40	97 941	33 188,358	648 062,966	19,527	19,062
27	41	97 828	31 798,675	614 874,608	19,336	18,871
28	42	97 702	30 462,973	583 075,933	19,140	18,675
29	43	97 570	29 181,791	552 612,959	18,937	18,472
30	44	97 427	27 950,921	523 431,169	18,727	18,262
31	45	97 271	26 768,655	495 480,248	18,510	18,044
32	46	97 096	25 631,160	468 711,593	18,287	17,822
33	47	96 905	24 537,825	443 080,433	18,057	17,592
34	48	96 697	23 487,051	418 542,608	17,820	17,355
35	49	96 465	22 475,394	395 055,557	17,577	17,112
36	50	96 205	21 500,973	372 580,163	17,329	16,863
37	51	95 930	20 565,527	351 079,190	17,071	16,606
38	52	95 628	19 665,109	330 513,663	16,807	16,342
39	53	95 293	18 797,350	310 848,554	16,537	16,072
40	54	94 929	17 962,125	292 051,204	16,259	15,794
41	55	94 525	17 156,412	274 089,080	15,976	15,511
42	56	94 087	16 380,737	256 932,667	15,685	15,220
43	57	93 606	15 632,745	240 551,931	15,388	14,922
44	58	93 080	14 911,114	224 919,185	15,084	14,619
45	59	92 503	14 214,573	210 008,071	14,774	14,309
46	60	91 868	13 541,485	195 793,499	14,459	13,994
47	61	91 173	12 891,182	182 252,014	14,138	13,673
48	62	90 438	12 265,889	169 360,832	13,807	13,342
49	63	89 638	11 661,778	157 094,943	13,471	13,006
50	64	88 768	11 077,731	145 433,166	13,128	12,663
51	65	87 811	10 511,578	134 355,434	12,782	12,316
52	66	86 771	9 963,642	123 843,857	12,430	11,964
53	67	85 632	9 432,037	113 880,214	12,074	11,609
54	68	84 379	8 915,131	104 448,177	11,716	11,251
55	69	83 052	8 417,149	95 533,046	11,350	10,885
56	70	81 619	7 934,713	87 115,897	10,979	10,514
57	71	80 074	7 467,149	79 181,184	10,604	10,139
58	72	78 406	7 013,535	71 714,035	10,225	9,760
59	73	76 624	6 574,705	64 700,500	9,841	9,376
60	74	74 740	6 151,591	58 125,795	9,449	8,984
61	75	72 723	5 741,616	51 974,204	9,052	8,587
62	76	70 553	5 343,166	46 232,588	8,653	8,187
63	77	68 176	4 952,676	40 889,421	8,256	7,791
64	78	65 640	4 574,038	35 936,745	7,857	7,391
65	79	62 885	4 203,395	31 362,707	7,461	6,996
66	80	59 880	3 839,365	27 159,312	7,074	6,609
67	81	56 639	3 483,507	23 319,947	6,694	6,229
68	82	53 171	3 136,910	19 836,439	6,324	5,858
69	83	49 550	2 804,102	16 699,529	5,955	5,490
70	84	45 709	2 481,278	13 895,428	5,600	5,135
71	85	41 681	2 170,388	11 414,149	5,259	4,794
72	86	37 524	1 874,281	9 243,761	4,932	4,467
73	87	33 294	1 595,195	7 369,480	4,620	4,155
74	88	29 078	1 336,409	5 774,285	4,321	3,856
75	89	24 943	1 099,645	4 437,877	4,036	3,571
76	90	20 940	885,522	3 338,232	3,770	3,305
77	91	17 171	696,517	2 452,709	3,521	3,056
78	92	13 708	533,371	1 756,192	3,293	2,827
79	93	10 622	396,445	1 222,821	3,084	2,619
80	94	7 961	285,007	826,376	2,899	2,434
81	95	5 732	196,845	541,369	2,750	2,285
82	96	4 018	132,363	344,524	2,603	2,138
83	97	2 716	85,816	212,160	2,472	2,007
84	98	1 797	54,464	126,344	2,320	1,855
85	99	1 130	32,861	71,880	2,187	1,722
86	100	675	18,834	39,018	2,072	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 246 741,371	22,565	22,100
1	16	99 201	95 156,359	2 147 175,334	22,565	22,099
2	17	99 159	91 239,343	2 052 018,976	22,491	22,025
3	18	99 130	87 493,291	1 960 779,633	22,411	21,945
4	19	99 097	83 898,524	1 873 286,342	22,328	21,863
5	20	99 066	80 453,334	1 789 387,818	22,241	21,776
6	21	99 038	77 151,900	1 708 934,484	22,150	21,685
7	22	99 012	73 986,693	1 631 782,584	22,055	21,590
8	23	98 986	70 952,193	1 557 795,891	21,956	21,490
9	24	98 957	68 039,347	1 486 843,697	21,853	21,387
10	25	98 932	65 249,246	1 418 804,350	21,744	21,279
11	26	98 906	62 572,722	1 353 555,104	21,632	21,166
12	27	98 878	60 004,758	1 290 982,382	21,515	21,049
13	28	98 848	57 541,439	1 230 977,625	21,393	20,928
14	29	98 814	55 176,582	1 173 436,185	21,267	20,802
15	30	98 777	52 907,090	1 118 259,603	21,136	20,671
16	31	98 733	50 727,511	1 065 352,513	21,001	20,536
17	32	98 676	48 631,423	1 014 625,001	20,864	20,398
18	33	98 612	46 618,984	965 993,579	20,721	20,256
19	34	98 540	44 685,391	919 374,595	20,574	20,109
20	35	98 460	42 829,029	874 689,203	20,423	19,958
21	36	98 376	41 047,956	831 860,174	20,266	19,800
22	37	98 286	39 338,477	790 812,218	20,103	19,638
23	38	98 196	37 700,373	751 473,741	19,933	19,468
24	39	98 094	36 125,651	713 773,368	19,758	19,293
25	40	97 988	34 615,518	677 647,718	19,576	19,111
26	41	97 874	33 165,833	643 032,199	19,388	18,923
27	42	97 753	31 774,417	609 866,366	19,194	18,728
28	43	97 621	30 437,695	578 091,949	18,993	18,527
29	44	97 483	29 155,529	547 654,254	18,784	18,319
30	45	97 327	27 922,409	518 498,725	18,569	18,104
31	46	97 163	26 738,890	490 576,315	18,347	17,882
32	47	96 973	25 598,615	463 837,426	18,120	17,654
33	48	96 766	24 502,649	438 238,811	17,885	17,420
34	49	96 543	23 449,481	413 736,162	17,644	17,179
35	50	96 290	22 434,681	390 286,680	17,397	16,931
36	51	96 015	21 458,602	367 851,999	17,142	16,677
37	52	95 718	20 520,103	346 393,397	16,881	16,415
38	53	95 394	19 616,825	325 873,295	16,612	16,147
39	54	95 033	18 745,974	306 256,470	16,337	15,872
40	55	94 644	17 908,065	287 510,496	16,055	15,590
41	56	94 211	17 099,567	269 602,431	15,767	15,301
42	57	93 746	16 321,457	252 502,864	15,471	15,005
43	58	93 233	15 570,335	236 181,408	15,169	14,703
44	59	92 670	14 845,348	220 611,072	14,861	14,395
45	60	92 056	14 145,916	205 765,725	14,546	14,081
46	61	91 373	13 468,482	191 619,808	14,227	13,762
47	62	90 663	12 819,054	178 151,326	13,897	13,432
48	63	89 888	12 191,354	165 332,272	13,561	13,096
49	64	89 048	11 584,992	153 140,918	13,219	12,754

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	65	88 121	10 997,004	141 555,927	12,872	12,407
51	66	87 107	10 427,357	130 558,923	12,521	12,056
52	67	86 013	9 876,606	120 131,565	12,163	11,698
53	68	84 802	9 340,599	110 254,960	11,804	11,339
54	69	83 517	8 824,065	100 914,361	11,436	10,971
55	70	82 124	8 323,111	92 090,296	11,064	10,599
56	71	80 625	7 838,040	83 767,185	10,687	10,222
57	72	79 002	7 367,161	75 929,145	10,306	9,841
58	73	77 276	6 912,475	68 561,983	9,919	9,453
59	74	75 438	6 472,910	61 649,509	9,524	9,059
60	75	73 461	6 046,347	55 176,598	9,126	8,660
61	76	71 337	5 632,138	49 130,251	8,723	8,258
62	77	69 013	5 226,546	43 498,113	8,323	7,857
63	78	66 509	4 831,574	38 271,567	7,921	7,456
64	79	63 795	4 445,507	33 439,993	7,522	7,057
65	80	60 814	4 065,005	28 994,486	7,133	6,667
66	81	57 580	3 691,903	24 929,481	6,752	6,287
67	82	54 143	3 330,015	21 237,578	6,378	5,912
68	83	50 494	2 978,993	17 907,563	6,011	5,546
69	84	46 672	2 641,234	14 928,570	5,652	5,187
70	85	42 636	2 314,484	12 287,336	5,309	4,844
71	86	38 462	2 002,788	9 972,851	4,979	4,514
72	87	34 188	1 707,643	7 970,063	4,667	4,202
73	88	29 925	1 433,777	6 262,420	4,368	3,903
74	89	25 739	1 182,956	4 828,644	4,082	3,617
75	90	21 678	955,681	3 645,688	3,815	3,350
76	91	17 842	754,521	2 690,007	3,565	3,100
77	92	14 297	579,966	1 935,486	3,337	2,872
78	93	11 137	433,333	1 355,520	3,128	2,663
79	94	8 400	313,510	922,188	2,941	2,476
80	95	6 088	217,981	608,678	2,792	2,327
81	96	4 304	147,824	390,696	2,643	2,178
82	97	2 935	96,693	242,872	2,512	2,047
83	98	1 963	62,040	146,179	2,356	1,891
84	99	1 249	37,867	84,139	2,222	1,757
85	100	757	22,000	46,271	2,103	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 241 020,822	22,511	22,045
1	17	99 187	95 142,932	2 141 467,242	22,508	22,043
2	18	99 145	91 225,984	2 046 324,310	22,431	21,966
3	19	99 109	87 475,473	1 955 098,326	22,350	21,885
4	20	99 077	83 882,329	1 867 622,853	22,265	21,800
5	21	99 048	80 438,436	1 783 740,524	22,175	21,710
6	22	99 022	77 139,127	1 703 302,087	22,081	21,616
7	23	98 994	73 973,890	1 626 162,960	21,983	21,518
8	24	98 965	70 936,798	1 552 189,070	21,881	21,416
9	25	98 940	68 027,809	1 481 252,272	21,774	21,309
10	26	98 913	65 237,080	1 413 224,462	21,663	21,198
11	27	98 887	62 560,547	1 347 987,383	21,547	21,082
12	28	98 856	59 991,651	1 285 426,836	21,427	20,962
13	29	98 824	57 527,089	1 225 435,185	21,302	20,837
14	30	98 789	55 162,304	1 167 908,096	21,172	20,707
15	31	98 747	52 891,380	1 112 745,792	21,038	20,573
16	32	98 701	50 711,319	1 059 854,412	20,900	20,435
17	33	98 641	48 614,545	1 009 143,092	20,758	20,293
18	34	98 577	46 602,385	960 528,547	20,611	20,146
19	35	98 501	44 667,914	913 926,162	20,460	19,995
20	36	98 420	42 811,791	869 258,248	20,304	19,839
21	37	98 330	41 028,711	826 446,456	20,143	19,678
22	38	98 241	39 320,373	785 417,746	19,975	19,510
23	39	98 139	37 678,293	746 097,373	19,802	19,337
24	40	98 035	36 104,131	708 419,080	19,622	19,156
25	41	97 921	34 592,025	672 314,949	19,436	18,970
26	42	97 800	33 140,532	637 722,924	19,243	18,778
27	43	97 672	31 748,050	604 582,392	19,043	18,578
28	44	97 533	30 410,303	572 834,342	18,837	18,372
29	45	97 383	29 125,789	542 424,038	18,623	18,158
30	46	97 219	27 891,361	513 298,249	18,403	17,938
31	47	97 040	26 704,938	485 406,888	18,177	17,711
32	48	96 834	25 561,918	458 701,950	17,945	17,480
33	49	96 611	24 463,455	433 140,031	17,706	17,240
34	50	96 368	23 407,004	408 676,576	17,460	16,994
35	51	96 100	22 390,470	385 269,572	17,207	16,742
36	52	95 803	21 411,205	362 879,103	16,948	16,483
37	53	95 483	20 469,720	341 467,898	16,682	16,216
38	54	95 133	19 563,209	320 998,178	16,408	15,943
39	55	94 747	18 689,555	301 434,969	16,129	15,663
40	56	94 330	17 848,729	282 745,414	15,841	15,376
41	57	93 871	17 037,685	264 896,685	15,548	15,082
42	58	93 372	16 256,297	247 859,000	15,247	14,782
43	59	92 822	15 501,661	231 602,703	14,941	14,475
44	60	92 222	14 773,645	216 101,042	14,627	14,162
45	61	91 560	14 069,655	201 327,397	14,309	13,844
46	62	90 862	13 393,125	187 257,742	13,982	13,516
47	63	90 112	12 741,157	173 864,617	13,646	13,181
48	64	89 296	12 111,081	161 123,460	13,304	12,839
49	65	88 399	11 500,568	149 012,379	12,957	12,492
50	66	87 415	10 908,894	137 511,811	12,605	12,140
51	67	86 346	10 336,270	126 602,917	12,248	11,783
52	68	85 179	9 780,858	116 266,647	11,887	11,422
53	69	83 936	9 245,187	106 485,789	11,518	11,053
54	70	82 584	8 725,481	97 240,602	11,144	10,679
55	71	81 123	8 221,706	88 515,122	10,766	10,301
56	72	79 545	7 733,086	80 293,415	10,383	9,918
57	73	77 863	7 261,006	72 560,329	9,993	9,528
58	74	76 080	6 805,450	65 299,324	9,595	9,130
59	75	74 147	6 362,169	58 493,873	9,194	8,729
60	76	72 060	5 931,058	52 131,704	8,790	8,324
61	77	69 780	5 509,211	46 200,646	8,386	7,921
62	78	67 325	5 098,747	40 691,436	7,981	7,515
63	79	64 640	4 695,806	35 592,689	7,580	7,114
64	80	61 695	4 299,146	30 896,883	7,187	6,722
65	81	58 478	3 908,876	26 597,737	6,804	6,339
66	82	55 043	3 529,228	22 688,860	6,429	5,964
67	83	51 417	3 162,377	19 159,632	6,059	5,593
68	84	47 561	2 805,967	15 997,255	5,701	5,236
69	85	43 535	2 463,688	13 191,288	5,354	4,889
70	86	39 344	2 135,757	10 727,600	5,023	4,558
71	87	35 043	1 824,725	8 591,843	4,709	4,243
72	88	30 729	1 534,847	6 767,118	4,409	3,944
73	89	26 489	1 269,143	5 232,271	4,123	3,657
74	90	22 370	1 028,085	3 963,128	3,855	3,390
75	91	18 471	814,301	2 935,043	3,604	3,139
76	92	14 857	628,263	2 120,742	3,376	2,910
77	93	11 616	471,188	1 492,479	3,167	2,702
78	94	8 807	342,680	1 021,291	2,980	2,515
79	95	6 424	239,781	678,610	2,830	2,365
80	96	4 572	163,697	438,830	2,681	2,216
81	97	3 144	107,988	275,133	2,548	2,083
82	98	2 122	69,904	167,145	2,391	1,926
83	99	1 365	43,135	97,241	2,254	1,789
84	100	836	25,351	54,107	2,134	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 234 983,620	22,453	21,988
1	18	99 172	95 129,002	2 135 444,087	22,448	21,983
2	19	99 125	91 207,406	2 040 315,085	22,370	21,905
3	20	99 090	87 458,588	1 949 107,679	22,286	21,821
4	21	99 059	83 866,797	1 861 649,091	22,198	21,732
5	22	99 031	80 425,119	1 777 782,294	22,105	21,640
6	23	99 005	77 125,779	1 697 357,174	22,008	21,542
7	24	98 973	73 957,839	1 620 231,396	21,908	21,442
8	25	98 948	70 924,769	1 546 273,557	21,802	21,336
9	26	98 921	68 015,125	1 475 348,788	21,691	21,226
10	27	98 894	65 224,386	1 407 333,663	21,577	21,112
11	28	98 865	62 546,882	1 342 109,276	21,458	20,992
12	29	98 831	59 976,690	1 279 562,394	21,334	20,869
13	30	98 798	57 512,202	1 219 585,705	21,206	20,740
14	31	98 759	55 145,924	1 162 073,503	21,073	20,607
15	32	98 716	52 874,498	1 106 927,579	20,935	20,470
16	33	98 667	50 693,720	1 054 053,081	20,793	20,327
17	34	98 606	48 597,236	1 003 359,361	20,646	20,181
18	35	98 539	46 584,159	954 762,125	20,495	20,030
19	36	98 461	44 649,936	908 177,966	20,340	19,875
20	37	98 374	42 791,719	863 528,030	20,180	19,715
21	38	98 285	41 009,828	820 736,311	20,013	19,548
22	39	98 183	39 297,344	779 726,483	19,842	19,376
23	40	98 080	37 655,848	740 429,139	19,663	19,198
24	41	97 969	36 079,627	702 773,290	19,478	19,013
25	42	97 847	34 565,636	666 693,664	19,288	18,823
26	43	97 718	33 113,032	632 128,028	19,090	18,625
27	44	97 584	31 719,479	599 014,996	18,885	18,420
28	45	97 433	30 379,283	567 295,516	18,674	18,209
29	46	97 275	29 093,403	536 916,233	18,455	17,990
30	47	97 096	27 855,946	507 822,830	18,230	17,765
31	48	96 901	26 666,656	479 966,884	17,999	17,534
32	49	96 679	25 521,030	453 300,228	17,762	17,297
33	50	96 436	24 419,141	427 779,198	17,518	17,053
34	51	96 178	23 360,877	403 360,057	17,266	16,801
35	52	95 888	22 341,014	379 999,181	17,009	16,544
36	53	95 568	21 358,634	357 658,167	16,745	16,280
37	54	95 222	20 413,773	336 299,533	16,474	16,009
38	55	94 847	19 504,331	315 885,760	16,196	15,730
39	56	94 433	18 627,630	296 381,429	15,911	15,446
40	57	93 989	17 784,136	277 753,799	15,618	15,153
41	58	93 496	16 969,666	259 969,663	15,320	14,854
42	59	92 960	16 184,597	242 999,997	15,014	14,549
43	60	92 373	15 426,788	226 815,399	14,703	14,237
44	61	91 725	14 694,000	211 388,611	14,386	13,921
45	62	91 048	13 990,934	196 694,612	14,059	13,594
46	63	90 310	13 311,740	182 703,678	13,725	13,260
47	64	89 519	12 657,264	169 391,938	13,383	12,918
48	65	88 646	12 022,823	156 734,674	13,036	12,571
49	66	87 691	11 408,423	144 711,851	12,685	12,219
50	67	86 651	10 813,601	133 303,427	12,327	11,862
51	68	85 509	10 236,066	122 489,827	11,966	11,501
52	69	84 309	9 680,949	112 253,761	11,595	11,130
53	70	82 998	9 141,898	102 572,812	11,220	10,755
54	71	81 578	8 619,173	93 430,914	10,840	10,375
55	72	80 037	8 111,615	84 811,741	10,456	9,990
56	73	78 399	7 621,657	76 700,126	10,063	9,598
57	74	76 658	7 148,585	69 078,469	9,663	9,198
58	75	74 778	6 689,020	61 929,884	9,258	8,793
59	76	72 733	6 240,858	55 240,864	8,851	8,386
60	77	70 487	5 801,606	49 000,005	8,446	7,981
61	78	68 073	5 374,500	43 198,399	8,038	7,572
62	79	65 434	4 955,471	37 823,899	7,633	7,168
63	80	62 512	4 541,204	32 868,428	7,238	6,773
64	81	59 325	4 134,025	28 327,224	6,852	6,387
65	82	55 902	3 736,641	24 193,199	6,475	6,009
66	83	52 272	3 351,562	20 456,558	6,104	5,638
67	84	48 431	2 978,700	17 104,996	5,742	5,277
68	85	44 364	2 617,347	14 126,296	5,397	4,932
69	86	40 173	2 273,439	11 508,949	5,062	4,597
70	87	35 846	1 945,872	9 235,510	4,746	4,281
71	88	31 497	1 640,081	7 289,638	4,445	3,979
72	89	27 200	1 358,608	5 649,557	4,158	3,693
73	90	23 021	1 102,989	4 290,949	3,890	3,425
74	91	19 060	875,993	3 187,960	3,639	3,174
75	92	15 380	678,040	2 311,967	3,410	2,945
76	93	12 070	510,427	1 633,927	3,201	2,736
77	94	9 186	372,616	1 123,500	3,015	2,550
78	95	6 736	262,091	750,883	2,865	2,400
79	96	4 824	180,067	488,792	2,714	2,249
80	97	3 340	119,583	308,725	2,582	2,116
81	98	2 273	78,069	189,142	2,423	1,958
82	99	1 475	48,602	111,073	2,285	1,820
83	100	914	28,878	62,471	2,163	1,698

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 228 619,835	22,393	21,927
1	19	99 152	95 109,629	2 129 094,877	22,386	21,920
2	20	99 106	91 189,801	2 033 985,247	22,305	21,840
3	21	99 072	87 442,394	1 942 795,446	22,218	21,753
4	22	99 043	83 852,912	1 855 353,052	22,126	21,661
5	23	99 014	80 411,202	1 771 500,140	22,031	21,565
6	24	98 983	77 109,044	1 691 088,938	21,931	21,466
7	25	98 956	73 945,298	1 613 979,895	21,827	21,361
8	26	98 929	70 911,544	1 540 034,597	21,718	21,252
9	27	98 902	68 001,891	1 469 123,052	21,604	21,139
10	28	98 873	65 210,139	1 401 121,161	21,486	21,021
11	29	98 840	62 531,283	1 335 911,022	21,364	20,899
12	30	98 806	59 961,169	1 273 379,739	21,237	20,772
13	31	98 769	57 495,124	1 213 418,570	21,105	20,640
14	32	98 728	55 128,322	1 155 923,446	20,968	20,503
15	33	98 682	52 856,148	1 100 795,124	20,826	20,361
16	34	98 632	50 675,671	1 047 938,976	20,679	20,214
17	35	98 568	48 578,229	997 263,305	20,529	20,064
18	36	98 499	46 565,409	948 685,076	20,373	19,908
19	37	98 415	44 629,002	902 119,667	20,214	19,749
20	38	98 329	42 772,025	857 490,665	20,048	19,583
21	39	98 227	40 985,811	814 718,639	19,878	19,413
22	40	98 125	39 273,935	773 732,829	19,701	19,236
23	41	98 014	37 630,291	734 458,894	19,518	19,053
24	42	97 894	36 052,103	696 828,603	19,328	18,863
25	43	97 765	34 536,953	660 776,500	19,132	18,667
26	44	97 631	33 083,233	626 239,547	18,929	18,464
27	45	97 485	31 687,124	593 156,314	18,719	18,254
28	46	97 325	30 345,503	561 469,190	18,503	18,037
29	47	97 151	29 056,462	531 123,687	18,279	17,814
30	48	96 956	27 816,014	502 067,225	18,050	17,584
31	49	96 746	26 624,000	474 251,212	17,813	17,348
32	50	96 504	25 474,800	447 627,211	17,571	17,106
33	51	96 246	24 371,019	422 152,411	17,322	16,857
34	52	95 965	23 309,278	397 781,392	17,065	16,600
35	53	95 653	22 286,160	374 472,115	16,803	16,338
36	54	95 307	21 300,258	352 185,955	16,534	16,069
37	55	94 935	20 352,335	330 885,697	16,258	15,793
38	56	94 532	19 439,706	310 533,362	15,974	15,509
39	57	94 091	18 560,218	291 093,656	15,684	15,219
40	58	93 613	17 713,137	272 533,438	15,386	14,921
41	59	93 083	16 894,820	254 820,301	15,083	14,618
42	60	92 511	16 106,426	237 925,481	14,772	14,307
43	61	91 875	15 343,622	221 819,055	14,457	13,992
44	62	91 212	14 611,785	206 475,433	14,131	13,666
45	63	90 495	13 905,916	191 863,648	13,797	13,332
46	64	89 715	13 224,090	177 957,731	13,457	12,992
47	65	88 867	12 565,026	164 733,642	13,110	12,645
48	66	87 935	11 926,494	152 168,615	12,759	12,294
49	67	86 925	11 308,766	140 242,121	12,401	11,936
50	68	85 811	10 708,769	128 933,355	12,040	11,575
51	69	84 636	10 131,507	118 224,586	11,669	11,204
52	70	83 367	9 572,791	108 093,079	11,292	10,826
53	71	81 987	9 030,517	98 520,288	10,910	10,444
54	72	80 486	8 503,760	89 489,771	10,524	10,058
55	73	78 884	7 994,732	80 986,011	10,130	9,665
56	74	77 185	7 503,653	72 991,280	9,727	9,262
57	75	75 346	7 026,284	65 487,627	9,320	8,855
58	76	73 352	6 561,477	58 461,342	8,910	8,445
59	77	71 146	6 104,645	51 899,865	8,502	8,036
60	78	68 764	5 659,746	45 795,220	8,091	7,626
61	79	66 161	5 223,475	40 135,474	7,684	7,218
62	80	63 279	4 792,321	34 911,999	7,285	6,820
63	81	60 111	4 366,786	30 119,678	6,897	6,432
64	82	56 711	3 951,869	25 752,893	6,517	6,051
65	83	53 088	3 548,533	21 801,024	6,144	5,678
66	84	49 236	3 156,896	18 252,491	5,782	5,317
67	85	45 175	2 778,469	15 095,594	5,433	4,968
68	86	40 938	2 415,232	12 317,125	5,100	4,635
69	87	36 601	2 071,313	9 901,893	4,780	4,315
70	88	32 219	1 748,969	7 830,580	4,477	4,012
71	89	27 880	1 451,759	6 081,611	4,189	3,724
72	90	23 639	1 180,741	4 629,853	3,921	3,456
73	91	19 615	939,817	3 449,111	3,670	3,205
74	92	15 871	729,409	2 509,295	3,440	2,975
75	93	12 495	550,868	1 779,886	3,231	2,766
76	94	9 545	403,647	1 229,018	3,045	2,580
77	95	7 026	284,987	825,371	2,896	2,431
78	96	5 058	196,822	540,384	2,746	2,280
79	97	3 524	131,542	343,562	2,612	2,147
80	98	2 415	86,452	212,021	2,452	1,987
81	99	1 580	54,279	125,569	2,313	1,848
82	100	988	32,538	71,290	2,191	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 221 918,032	22,330	21,865
1	20	99 133	95 091,271	2 122 413,340	22,320	21,855
2	21	99 087	91 172,916	2 027 322,070	22,236	21,771
3	22	99 055	87 427,917	1 936 149,154	22,146	21,680
4	23	99 026	83 838,402	1 848 721,237	22,051	21,586
5	24	98 993	80 393,754	1 764 882,835	21,953	21,488
6	25	98 966	77 095,968	1 684 489,081	21,849	21,384
7	26	98 938	73 931,510	1 607 393,113	21,742	21,276
8	27	98 910	70 897,747	1 533 461,603	21,629	21,164
9	28	98 881	67 987,038	1 462 563,856	21,512	21,047
10	29	98 848	65 193,876	1 394 576,818	21,391	20,926
11	30	98 815	62 515,101	1 329 382,942	21,265	20,800
12	31	98 777	59 943,364	1 266 867,841	21,134	20,669
13	32	98 737	57 476,772	1 206 924,477	20,998	20,533
14	33	98 694	55 109,190	1 149 447,704	20,858	20,392
15	34	98 647	52 837,328	1 094 338,514	20,711	20,246
16	35	98 593	50 655,851	1 041 501,186	20,560	20,095
17	36	98 528	48 558,677	990 845,335	20,405	19,940
18	37	98 453	46 543,577	942 286,658	20,245	19,780
19	38	98 370	44 608,463	895 743,081	20,080	19,615
20	39	98 271	42 746,975	851 134,618	19,911	19,446
21	40	98 168	40 961,395	808 387,643	19,735	19,270
22	41	98 058	39 247,280	767 426,248	19,554	19,088
23	42	97 939	37 601,585	728 178,968	19,366	18,900
24	43	97 813	36 022,187	690 577,383	19,171	18,706
25	44	97 678	34 505,872	654 555,197	18,969	18,504
26	45	97 531	33 049,486	620 049,325	18,761	18,296
27	46	97 376	31 651,889	586 999,838	18,545	18,080
28	47	97 201	30 306,972	555 347,949	18,324	17,859
29	48	97 012	29 014,808	525 040,977	18,096	17,630
30	49	96 801	27 771,520	496 026,168	17,861	17,396
31	50	96 570	26 575,772	468 254,649	17,620	17,154
32	51	96 314	25 424,598	441 678,876	17,372	16,907
33	52	96 034	24 317,189	416 254,278	17,118	16,652
34	53	95 730	23 252,046	391 937,090	16,856	16,391
35	54	95 391	22 225,249	368 685,043	16,589	16,123
36	55	95 020	21 236,152	346 459,794	16,315	15,849
37	56	94 621	20 284,900	325 223,643	16,033	15,568
38	57	94 190	19 369,356	304 938,743	15,743	15,278
39	58	93 716	18 486,121	285 569,387	15,448	14,983
40	59	93 201	17 635,012	267 083,267	15,145	14,680
41	60	92 634	16 813,218	249 448,254	14,836	14,371
42	61	92 012	16 019,596	232 635,036	14,522	14,057
43	62	91 361	15 257,773	216 615,441	14,197	13,732
44	63	90 657	14 522,995	201 357,668	13,865	13,400
45	64	89 899	13 814,354	186 834,673	13,525	13,059
46	65	89 061	13 127,721	173 020,319	13,180	12,715
47	66	88 155	12 464,353	159 892,598	12,828	12,363
48	67	87 167	11 822,311	147 428,245	12,470	12,005
49	68	86 082	11 199,134	135 605,933	12,109	11,643
50	69	84 934	10 599,381	124 406,799	11,737	11,272
51	70	83 690	10 018,315	113 807,418	11,360	10,895
52	71	82 351	9 456,161	103 789,102	10,976	10,511
53	72	80 889	8 909,595	94 332,942	10,588	10,123
54	73	79 326	8 381,226	85 423,346	10,192	9,727
55	74	77 662	7 870,951	77 042,120	9,788	9,323
56	75	75 864	7 375,277	69 171,169	9,379	8,914
57	76	73 910	6 892,310	61 795,891	8,966	8,501
58	77	71 751	6 418,266	54 903,581	8,554	8,089
59	78	69 406	5 955,375	48 485,315	8,141	7,676
60	79	66 832	5 500,706	42 529,940	7,732	7,267
61	80	63 982	5 051,501	37 029,235	7,330	6,865
62	81	60 849	4 608,257	31 977,733	6,939	6,474
63	82	57 462	4 174,374	27 369,476	6,557	6,091
64	83	53 856	3 752,926	23 195,102	6,181	5,715
65	84	50 004	3 342,427	19 442,176	5,817	5,352
66	85	45 926	2 944,687	16 099,749	5,467	5,002
67	86	41 687	2 563,912	13 155,062	5,131	4,666
68	87	37 299	2 200,500	10 591,150	4,813	4,348
69	88	32 897	1 861,716	8 390,650	4,507	4,042
70	89	28 519	1 548,143	6 528,934	4,217	3,752
71	90	24 230	1 261,697	4 980,790	3,948	3,482
72	91	20 142	1 006,066	3 719,093	3,697	3,231
73	92	16 333	782,552	2 713,027	3,467	3,002
74	93	12 894	592,602	1 930,475	3,258	2,792
75	94	9 881	435,627	1 337,873	3,071	2,606
76	95	7 300	308,720	902,246	2,923	2,457
77	96	5 276	214,016	593,525	2,773	2,308
78	97	3 695	143,781	379,510	2,639	2,174
79	98	2 548	95,097	235,729	2,479	2,014
80	99	1 679	60,107	140,631	2,340	1,874
81	100	1 058	36,338	80,524	2,216	1,751

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 214 871,725	22,263	21,798
1	21	99 114	95 073,663	2 115 386,240	22,250	21,785
2	22	99 071	91 157,821	2 020 312,577	22,163	21,698
3	23	99 038	87 412,788	1 929 154,756	22,069	21,604
4	24	99 004	83 820,210	1 841 741,968	21,973	21,507
5	25	98 976	80 380,122	1 757 921,758	21,870	21,405
6	26	98 948	77 081,593	1 677 541,636	21,763	21,298
7	27	98 918	73 917,125	1 600 460,043	21,652	21,187
8	28	98 889	70 882,261	1 526 542,919	21,536	21,071
9	29	98 856	67 970,082	1 455 660,658	21,416	20,951
10	30	98 822	65 177,006	1 387 690,576	21,291	20,826
11	31	98 785	62 496,538	1 322 513,570	21,161	20,696
12	32	98 745	59 924,231	1 260 017,032	21,027	20,562
13	33	98 703	57 456,825	1 200 092,801	20,887	20,422
14	34	98 658	55 089,568	1 142 635,976	20,741	20,276
15	35	98 608	52 816,663	1 087 546,408	20,591	20,126
16	36	98 553	50 635,463	1 034 729,745	20,435	19,970
17	37	98 482	48 535,910	984 094,282	20,276	19,810
18	38	98 408	46 522,157	935 558,372	20,110	19,645
19	39	98 312	44 582,337	889 036,215	19,941	19,476
20	40	98 213	42 721,511	844 453,877	19,766	19,301
21	41	98 102	40 933,595	801 732,367	19,586	19,121
22	42	97 983	39 217,340	760 798,772	19,400	18,934
23	43	97 858	37 570,382	721 581,432	19,206	18,741
24	44	97 725	35 989,769	684 011,050	19,006	18,540
25	45	97 578	34 470,675	648 021,281	18,799	18,334
26	46	97 422	33 012,737	613 550,606	18,585	18,120
27	47	97 253	31 611,700	580 537,869	18,365	17,899
28	48	97 062	30 263,526	548 926,169	18,138	17,673
29	49	96 857	28 968,397	518 662,643	17,904	17,439
30	50	96 626	27 721,213	489 694,247	17,665	17,200
31	51	96 380	26 523,400	461 973,033	17,418	16,952
32	52	96 101	25 368,440	435 449,633	17,165	16,700
33	53	95 798	24 257,483	410 081,193	16,905	16,440
34	54	95 468	23 188,495	385 823,710	16,639	16,173
35	55	95 104	22 158,359	362 635,215	16,366	15,900
36	56	94 705	21 165,788	340 476,856	16,086	15,621
37	57	94 279	20 211,491	319 311,068	15,798	15,333
38	58	93 814	19 292,028	299 099,577	15,504	15,039
39	59	93 302	18 404,587	279 807,549	15,203	14,738
40	60	92 750	17 549,835	261 402,962	14,895	14,430
41	61	92 134	16 722,578	243 853,127	14,582	14,117
42	62	91 498	15 929,964	227 130,549	14,258	13,793
43	63	90 806	15 165,057	211 200,585	13,927	13,462
44	64	90 060	14 427,369	196 035,528	13,588	13,123
45	65	89 244	13 713,684	181 608,159	13,243	12,778
46	66	88 348	13 022,540	167 894,475	12,893	12,427
47	67	87 384	12 355,472	154 871,935	12,535	12,069
48	68	86 322	11 707,701	142 516,463	12,173	11,708
49	69	85 203	11 084,737	130 808,762	11,801	11,336
50	70	83 986	10 480,963	119 724,025	11,423	10,958
51	71	82 670	9 896,257	109 243,062	11,039	10,574
52	72	81 249	9 329,539	99 346,805	10,649	10,183
53	73	79 723	8 781,214	90 017,265	10,251	9,786
54	74	78 098	8 251,462	81 236,051	9,845	9,380
55	75	76 334	7 736,292	72 984,590	9,434	8,969
56	76	74 418	7 234,649	65 248,298	9,019	8,554
57	77	72 296	6 741,878	58 013,649	8,605	8,140
58	78	69 997	6 261,327	51 271,770	8,189	7,723
59	79	67 456	5 788,027	45 010,443	7,776	7,311
60	80	64 631	5 319,604	39 222,416	7,373	6,908
61	81	61 525	4 857,483	33 902,812	6,980	6,514
62	82	58 168	4 405,206	29 045,328	6,593	6,128
63	83	54 570	3 964,230	24 640,123	6,216	5,750
64	84	50 728	3 534,949	20 675,893	5,849	5,384
65	85	46 643	3 117,746	17 140,944	5,498	5,033
66	86	42 380	2 717,294	14 023,198	5,161	4,696
67	87	37 981	2 335,961	11 305,904	4,840	4,375
68	88	33 524	1 977,831	8 969,943	4,535	4,070
69	89	29 120	1 647,945	6 992,112	4,243	3,778
70	90	24 785	1 345,463	5 344,167	3,972	3,507
71	91	20 646	1 075,045	3 998,704	3,720	3,254
72	92	16 772	837,716	2 923,659	3,490	3,025
73	93	13 270	635,778	2 085,943	3,281	2,816
74	94	10 197	468,631	1 450,165	3,094	2,629
75	95	7 558	333,179	981,534	2,946	2,481
76	96	5 482	231,838	648,354	2,797	2,331
77	97	3 854	156,342	416,516	2,664	2,199
78	98	2 671	103,946	260,174	2,503	2,038
79	99	1 771	66,118	156,228	2,363	1,898
80	100	1 124	40,240	90,110	2,239	1,774

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 207 467,137	22,193	21,728
1	22	99 098	95 057,923	2 108 000,074	22,176	21,711
2	23	99 054	91 142,047	2 012 942,152	22,086	21,621
3	24	99 017	87 393,821	1 921 800,105	21,990	21,525
4	25	98 987	83 805,997	1 834 406,284	21,889	21,424
5	26	98 957	80 365,134	1 750 600,287	21,783	21,318
6	27	98 929	77 066,595	1 670 235,154	21,673	21,207
7	28	98 897	73 900,979	1 593 168,559	21,558	21,093
8	29	98 864	70 864,583	1 519 267,579	21,439	20,974
9	30	98 830	67 952,493	1 448 402,996	21,315	20,850
10	31	98 793	65 157,652	1 380 450,503	21,186	20,721
11	32	98 754	62 476,590	1 315 292,851	21,053	20,587
12	33	98 711	59 903,434	1 252 816,261	20,914	20,449
13	34	98 668	57 436,368	1 192 912,827	20,769	20,304
14	35	98 620	55 068,022	1 135 476,459	20,620	20,154
15	36	98 568	52 795,405	1 080 408,437	20,464	19,999
16	37	98 507	50 611,722	1 027 613,032	20,304	19,839
17	38	98 437	48 513,573	977 001,310	20,139	19,674
18	39	98 350	46 494,910	928 487,737	19,970	19,504
19	40	98 254	44 555,780	881 992,826	19,795	19,330
20	41	98 146	42 692,516	837 437,047	19,616	19,150
21	42	98 027	40 902,368	794 744,531	19,430	18,965
22	43	97 902	39 184,797	753 842,163	19,238	18,773
23	44	97 770	37 536,572	714 657,366	19,039	18,574
24	45	97 625	35 953,058	677 120,795	18,833	18,368
25	46	97 469	34 432,345	641 167,737	18,621	18,156
26	47	97 299	32 970,820	606 735,392	18,402	17,937
27	48	97 113	31 566,383	573 764,572	18,176	17,711
28	49	96 907	30 215,117	542 198,189	17,945	17,479
29	50	96 681	28 915,922	511 983,072	17,706	17,241
30	51	96 436	27 666,584	483 067,150	17,460	16,995
31	52	96 167	26 464,816	455 400,566	17,208	16,743
32	53	95 865	25 306,153	428 935,750	16,950	16,485
33	54	95 536	24 191,184	403 629,597	16,685	16,220
34	55	95 181	23 118,706	379 438,413	16,413	15,947
35	56	94 789	22 084,940	356 319,707	16,134	15,669
36	57	94 362	21 089,191	334 234,767	15,849	15,383
37	58	93 902	20 130,801	313 145,576	15,556	15,090
38	59	93 400	19 206,939	293 014,774	15,256	14,790
39	60	92 852	18 315,692	273 807,835	14,949	14,484
40	61	92 250	17 455,223	255 492,143	14,637	14,172
41	62	91 619	16 629,013	238 036,919	14,315	13,849
42	63	90 942	15 833,164	221 407,906	13,984	13,519
43	64	90 208	15 065,204	205 574,742	13,646	13,180
44	65	89 404	14 322,232	190 509,538	13,302	12,836
45	66	88 529	13 603,808	176 187,306	12,951	12,486
46	67	87 576	12 908,782	162 583,499	12,595	12,130
47	68	86 537	12 235,693	149 674,716	12,233	11,767
48	69	85 440	11 588,109	137 439,023	11,860	11,395
49	70	84 251	10 960,897	125 850,914	11,482	11,017
50	71	82 962	10 353,268	114 890,017	11,097	10,632
51	72	81 563	9 763,743	104 536,750	10,707	10,241
52	73	80 078	9 195,107	94 773,007	10,307	9,842
53	74	78 489	8 645,257	85 577,900	9,899	9,434
54	75	76 762	8 110,292	76 932,643	9,486	9,021
55	76	74 878	7 588,780	68 822,351	9,069	8,604
56	77	72 794	7 076,745	61 233,571	8,653	8,188
57	78	70 529	6 577,027	54 156,826	8,234	7,769
58	79	68 030	6 085,382	47 579,799	7,819	7,353
59	80	65 235	5 597,466	41 494,417	7,413	6,948
60	81	62 149	5 115,289	35 896,951	7,018	6,552
61	82	58 814	4 643,450	30 781,662	6,629	6,164
62	83	55 239	4 183,441	26 138,211	6,248	5,783
63	84	51 400	3 733,980	21 954,771	5,880	5,415
64	85	47 318	3 297,326	18 220,791	5,526	5,061
65	86	43 041	2 876,990	14 923,465	5,187	4,722
66	87	38 612	2 475,706	12 046,475	4,866	4,401
67	88	34 137	2 099,585	9 570,769	4,558	4,093
68	89	29 675	1 750,726	7 471,185	4,267	3,802
69	90	25 308	1 432,199	5 720,458	3,994	3,529
70	91	21 119	1 146,420	4 288,259	3,741	3,275
71	92	17 191	895,153	3 141,840	3,510	3,045
72	93	13 626	680,595	2 246,687	3,301	2,836
73	94	10 494	502,774	1 566,091	3,115	2,650
74	95	7 799	358,422	1 063,317	2,967	2,501
75	96	5 675	250,207	704,895	2,817	2,352
76	97	4 005	169,361	454,689	2,685	2,220
77	98	2 786	113,026	285,327	2,524	2,059
78	99	1 857	72,270	172,301	2,384	1,919
79	100	1 186	44,264	100,031	2,260	1,795

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 199 690,225	22,118	21,653
1	23	99 081	95 041,473	2 100 239,630	22,098	21,633
2	24	99 032	91 122,270	2 005 198,156	22,006	21,540
3	25	99 000	87 379,001	1 914 075,886	21,905	21,440
4	26	98 969	83 790,370	1 826 696,885	21,801	21,336
5	27	98 938	80 349,497	1 742 906,514	21,692	21,226
6	28	98 907	77 049,761	1 662 557,017	21,578	21,112
7	29	98 872	73 882,549	1 585 507,256	21,460	20,995
8	30	98 838	70 846,245	1 511 624,707	21,337	20,871
9	31	98 801	67 932,315	1 440 778,462	21,209	20,744
10	32	98 761	65 136,854	1 372 846,147	21,076	20,611
11	33	98 720	62 454,907	1 307 709,293	20,938	20,473
12	34	98 676	59 882,106	1 245 254,385	20,795	20,330
13	35	98 629	57 413,904	1 185 372,280	20,646	20,181
14	36	98 580	55 045,858	1 127 958,376	20,491	20,026
15	37	98 522	52 770,652	1 072 912,518	20,332	19,866
16	38	98 462	50 588,430	1 020 141,866	20,166	19,700
17	39	98 379	48 485,161	969 553,436	19,997	19,532
18	40	98 291	46 467,213	921 068,276	19,822	19,357
19	41	98 187	44 525,540	874 601,062	19,643	19,177
20	42	98 071	42 659,947	830 075,523	19,458	18,993
21	43	97 946	40 868,427	787 415,575	19,267	18,802
22	44	97 814	39 149,533	746 547,148	19,069	18,604
23	45	97 670	37 498,283	707 397,615	18,865	18,400
24	46	97 517	35 913,080	669 899,333	18,653	18,188
25	47	97 346	34 388,625	633 986,253	18,436	17,971
26	48	97 159	32 923,554	599 597,628	18,212	17,747
27	49	96 958	31 515,890	566 674,073	17,981	17,515
28	50	96 731	30 160,384	535 158,183	17,744	17,279
29	51	96 491	28 858,938	504 997,799	17,499	17,034
30	52	96 223	27 605,475	476 138,860	17,248	16,783
31	53	95 931	26 399,837	448 533,386	16,990	16,525
32	54	95 603	25 236,988	422 133,549	16,727	16,262
33	55	95 249	24 118,377	396 896,561	16,456	15,991
34	56	94 866	23 042,105	372 778,184	16,178	15,713
35	57	94 446	22 005,017	349 736,079	15,893	15,428
36	58	93 986	21 004,997	327 731,062	15,603	15,137
37	59	93 488	20 042,013	306 726,065	15,304	14,839
38	60	92 949	19 114,170	286 684,052	14,999	14,533
39	61	92 351	18 216,952	267 569,882	14,688	14,223
40	62	91 734	17 357,560	249 352,930	14,366	13,900
41	63	91 062	16 527,965	231 995,370	14,037	13,571
42	64	90 343	15 728,912	215 467,405	13,699	13,234
43	65	89 551	14 955,419	199 738,494	13,356	12,890
44	66	88 688	14 207,480	184 783,075	13,006	12,541
45	67	87 755	13 484,973	170 575,595	12,649	12,184
46	68	86 727	12 783,639	157 090,623	12,288	11,823
47	69	85 653	12 110,708	144 306,983	11,916	11,450
48	70	84 486	11 458,645	132 196,275	11,537	11,072
49	71	83 224	10 827,354	120 737,631	11,151	10,686
50	72	81 851	10 214,634	109 910,276	10,760	10,295
51	73	80 388	9 623,054	99 695,642	10,360	9,895
52	74	78 838	9 052,741	90 072,589	9,950	9,485
53	75	77 146	8 497,350	81 019,847	9,535	9,070
54	76	75 298	7 955,649	72 522,497	9,116	8,651
55	77	73 244	7 423,146	64 566,848	8,698	8,233
56	78	71 014	6 903,705	57 143,702	8,277	7,812
57	79	68 547	6 392,211	50 239,996	7,860	7,394
58	80	65 790	5 885,031	43 847,786	7,451	6,986
59	81	62 729	5 382,479	37 962,754	7,053	6,588
60	82	59 411	4 889,896	32 580,275	6,663	6,198
61	83	55 853	4 409,692	27 690,379	6,279	5,814
62	84	52 031	3 940,459	23 280,687	5,908	5,443
63	85	47 945	3 482,978	19 340,229	5,553	5,088
64	86	43 664	3 042,702	15 857,251	5,212	4,746
65	87	39 214	2 621,203	12 814,548	4,889	4,424
66	88	34 705	2 225,189	10 193,345	4,581	4,116
67	89	30 218	1 858,500	7 968,156	4,287	3,822
68	90	25 790	1 521,525	6 109,656	4,015	3,550
69	91	21 564	1 220,324	4 588,131	3,760	3,295
70	92	17 585	954,584	3 367,808	3,528	3,063
71	93	13 967	727,259	2 413,224	3,318	2,853
72	94	10 775	538,216	1 685,965	3,133	2,667
73	95	8 026	384,536	1 147,749	2,985	2,520
74	96	5 857	269,163	763,213	2,836	2,370
75	97	4 146	182,780	494,051	2,703	2,238
76	98	2 895	122,439	311,271	2,542	2,077
77	99	1 937	78,584	188,832	2,403	1,938
78	100	1 243	48,383	110,248	2,279	1,813

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 191 525,144	22,040	21,575
1	24	99 059	95 020,851	2 092 091,759	22,017	21,552
2	25	99 015	91 106,819	1 997 070,908	21,920	21,455
3	26	98 982	87 362,709	1 905 964,089	21,817	21,351
4	27	98 950	83 774,067	1 818 601,381	21,708	21,243
5	28	98 916	80 331,946	1 734 827,314	21,596	21,131
6	29	98 882	77 030,546	1 654 495,367	21,478	21,013
7	30	98 847	73 863,429	1 577 464,822	21,357	20,891
8	31	98 809	70 825,208	1 503 601,392	21,230	20,765
9	32	98 769	67 910,632	1 432 776,184	21,098	20,633
10	33	98 727	65 114,249	1 364 865,552	20,961	20,496
11	34	98 684	62 432,671	1 299 751,304	20,818	20,353
12	35	98 637	59 858,685	1 237 318,633	20,671	20,205
13	36	98 590	57 390,795	1 177 459,948	20,517	20,051
14	37	98 534	55 020,050	1 120 069,153	20,357	19,892
15	38	98 477	52 746,366	1 065 049,103	20,192	19,727
16	39	98 404	50 558,802	1 012 302,737	20,022	19,557
17	40	98 320	48 456,278	961 743,935	19,848	19,382
18	41	98 225	46 435,676	913 287,657	19,668	19,203
19	42	98 112	44 491,573	866 851,981	19,484	19,018
20	43	97 990	42 624,548	822 360,408	19,293	18,828
21	44	97 858	40 831,648	779 735,860	19,096	18,631
22	45	97 714	39 109,599	738 904,212	18,893	18,428
23	46	97 561	37 456,586	699 794,613	18,683	18,218
24	47	97 393	35 867,480	662 338,027	18,466	18,001
25	48	97 206	34 339,327	626 470,547	18,244	17,778
26	49	97 004	32 870,891	592 131,220	18,014	17,549
27	50	96 782	31 458,801	559 260,329	17,778	17,312
28	51	96 541	30 100,948	527 801,528	17,534	17,069
29	52	96 278	28 795,195	497 700,580	17,284	16,819
30	53	95 986	27 537,695	468 905,385	17,028	16,563
31	54	95 669	26 327,682	441 367,690	16,764	16,299
32	55	95 315	25 161,034	415 040,007	16,495	16,030
33	56	94 933	24 038,463	389 878,973	16,219	15,754
34	57	94 522	22 958,718	365 840,510	15,935	15,469
35	58	94 069	21 917,167	342 881,792	15,644	15,179
36	59	93 571	20 912,354	320 964,625	15,348	14,883
37	60	93 036	19 945,210	300 052,272	15,044	14,579
38	61	92 448	19 011,125	280 107,061	14,734	14,269
39	62	91 834	18 115,026	261 095,937	14,413	13,948
40	63	91 177	17 252,084	242 980,910	14,084	13,619
41	64	90 463	16 419,138	225 728,826	13,748	13,283
42	65	89 684	15 614,290	209 309,688	13,405	12,940
43	66	88 833	14 835,593	193 695,399	13,056	12,591
44	67	87 913	14 083,372	178 859,806	12,700	12,235
45	68	86 904	13 354,244	164 776,434	12,339	11,874
46	69	85 841	12 653,057	151 422,190	11,967	11,502
47	70	84 696	11 975,405	138 769,133	11,588	11,123
48	71	83 457	11 319,038	126 793,728	11,202	10,737
49	72	82 110	10 682,372	115 474,690	10,810	10,345
50	73	80 672	10 067,448	104 792,318	10,409	9,944
51	74	79 144	9 474,062	94 724,870	9,998	9,533
52	75	77 489	8 897,863	85 250,808	9,581	9,116
53	76	75 675	8 335,327	76 352,944	9,160	8,695
54	77	73 654	7 782,008	68 017,618	8,740	8,275
55	78	71 453	7 241,637	60 235,609	8,318	7,853
56	79	69 018	6 709,710	52 993,973	7,898	7,433
57	80	66 290	6 181,758	46 284,263	7,487	7,022
58	81	63 263	5 658,999	40 102,505	7,087	6,621
59	82	59 965	5 145,313	34 443,506	6,694	6,229
60	83	56 420	4 643,731	29 298,193	6,309	5,844
61	84	52 609	4 153,568	24 654,461	5,936	5,471
62	85	48 533	3 675,577	20 500,893	5,578	5,112
63	86	44 243	3 214,018	16 825,316	5,235	4,770
64	87	39 782	2 772,183	13 611,298	4,910	4,445
65	88	35 246	2 355,964	10 839,115	4,601	4,135
66	89	30 720	1 969,682	8 483,152	4,307	3,842
67	90	26 261	1 615,188	6 513,470	4,033	3,567
68	91	21 975	1 296,435	4 898,282	3,778	3,313
69	92	17 955	1 016,121	3 601,847	3,545	3,079
70	93	14 287	775,543	2 585,726	3,334	2,869
71	94	11 045	575,118	1 810,182	3,147	2,682
72	95	8 241	411,642	1 235,064	3,000	2,535
73	96	6 027	288,773	823,422	2,851	2,386
74	97	4 278	196,627	534,649	2,719	2,254
75	98	2 997	132,139	338,021	2,558	2,093
76	99	2 013	85,128	205,882	2,418	1,953
77	100	1 297	52,610	120,754	2,295	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 182 958,217	21,959	21,494
1	25	99 042	95 004,738	2 083 546,407	21,931	21,466
2	26	98 997	91 089,831	1 988 541,669	21,831	21,365
3	27	98 962	87 345,710	1 897 451,838	21,723	21,258
4	28	98 928	83 755,768	1 810 106,128	21,612	21,147
5	29	98 892	80 311,912	1 726 350,359	21,496	21,030
6	30	98 857	77 010,612	1 646 038,447	21,374	20,909
7	31	98 817	73 841,497	1 569 027,836	21,249	20,783
8	32	98 777	70 802,601	1 495 186,339	21,118	20,652
9	33	98 735	67 887,063	1 424 383,738	20,982	20,516
10	34	98 692	65 091,065	1 356 496,674	20,840	20,375
11	35	98 646	62 408,252	1 291 405,609	20,693	20,228
12	36	98 597	59 834,593	1 228 997,357	20,540	20,075
13	37	98 543	57 363,888	1 169 162,764	20,382	19,916
14	38	98 489	54 994,728	1 111 798,876	20,216	19,751
15	39	98 419	52 715,474	1 056 804,148	20,047	19,582
16	40	98 346	50 528,684	1 004 088,674	19,872	19,406
17	41	98 254	48 423,391	953 559,990	19,692	19,227
18	42	98 150	46 400,252	905 136,599	19,507	19,042
19	43	98 031	44 454,653	858 736,347	19,317	18,852
20	44	97 902	42 586,188	814 281,693	19,121	18,656
21	45	97 758	40 789,998	771 695,505	18,919	18,454
22	46	97 605	39 066,111	730 905,507	18,709	18,244
23	47	97 437	37 409,027	691 839,396	18,494	18,029
24	48	97 253	35 816,062	654 430,369	18,272	17,807
25	49	97 051	34 284,399	618 614,307	18,044	17,578
26	50	96 828	32 811,347	584 329,908	17,809	17,344
27	51	96 592	31 396,806	551 518,561	17,566	17,101
28	52	96 327	30 034,462	520 121,755	17,317	16,852
29	53	96 041	28 724,495	490 087,293	17,062	16,596
30	54	95 724	27 462,430	461 362,799	16,800	16,335
31	55	95 381	26 248,446	433 900,368	16,531	16,065
32	56	94 999	25 077,666	407 651,923	16,256	15,790
33	57	94 589	23 951,471	382 574,257	15,973	15,508
34	58	94 145	22 867,061	358 622,786	15,683	15,218
35	59	93 654	21 820,500	335 755,726	15,387	14,922
36	60	93 119	20 811,347	313 935,226	15,085	14,620
37	61	92 535	19 837,685	293 123,879	14,776	14,311
38	62	91 931	18 904,755	273 286,194	14,456	13,991
39	63	91 276	18 004,948	254 381,438	14,128	13,663
40	64	90 576	17 138,489	236 376,490	13,792	13,327
41	65	89 803	16 299,486	219 238,001	13,451	12,985
42	66	88 966	15 489,185	202 938,515	13,102	12,637
43	67	88 057	14 705,998	187 449,330	12,746	12,281
44	68	87 061	13 946,842	172 743,332	12,386	11,921
45	69	86 017	13 217,833	158 796,490	12,014	11,549
46	70	84 882	12 511,695	145 578,657	11,635	11,170
47	71	83 665	11 829,502	133 066,962	11,249	10,784
48	72	82 339	11 167,472	121 237,460	10,856	10,391
49	73	80 927	10 528,446	110 069,988	10,455	9,989
50	74	79 423	9 911,576	99 541,542	10,043	9,578
51	75	77 790	9 311,976	89 629,966	9,625	9,160
52	76	76 012	8 728,203	80 317,990	9,202	8,737
53	77	74 024	8 153,399	71 589,786	8,780	8,315
54	78	71 853	7 591,724	63 436,387	8,356	7,891
55	79	69 445	7 038,145	55 844,664	7,935	7,469
56	80	66 746	6 488,804	48 806,519	7,522	7,056
57	81	63 744	5 944,329	42 317,715	7,119	6,654
58	82	60 476	5 409,649	36 373,386	6,724	6,259
59	83	56 946	4 886,290	30 963,737	6,337	5,872
60	84	53 143	4 374,015	26 077,446	5,962	5,497
61	85	49 073	3 874,362	21 703,432	5,602	5,137
62	86	44 786	3 391,744	17 829,070	5,257	4,791
63	87	40 309	2 928,267	14 437,326	4,930	4,465
64	88	35 757	2 491,665	11 509,059	4,619	4,154
65	89	31 199	2 085,440	9 017,394	4,324	3,859
66	90	26 698	1 711,815	6 931,954	4,049	3,584
67	91	22 376	1 376,242	5 220,139	3,793	3,328
68	92	18 298	1 079,496	3 843,897	3,561	3,096
69	93	14 588	825,539	2 764,401	3,349	2,883
70	94	11 298	613,301	1 938,862	3,161	2,696
71	95	8 447	439,866	1 325,561	3,014	2,548
72	96	6 189	309,130	885,695	2,865	2,400
73	97	4 403	210,953	576,565	2,733	2,268
74	98	3 093	142,151	365,612	2,572	2,107
75	99	2 084	91,873	223,461	2,432	1,967
76	100	1 348	56,991	131,589	2,309	1,844

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 173 979,031	21,872	21,407
1	26	99 024	94 987,023	2 074 584,078	21,841	21,375
2	27	98 978	91 072,107	1 979 597,055	21,737	21,271
3	28	98 941	87 326,631	1 888 524,947	21,626	21,161
4	29	98 903	83 734,880	1 801 198,316	21,511	21,046
5	30	98 866	80 291,129	1 717 463,436	21,390	20,925
6	31	98 828	76 987,745	1 637 172,307	21,265	20,800
7	32	98 786	73 817,927	1 560 184,563	21,136	20,670
8	33	98 743	70 778,029	1 486 366,635	21,000	20,535
9	34	98 700	67 862,892	1 415 588,606	20,860	20,394
10	35	98 653	65 065,607	1 347 725,713	20,713	20,248
11	36	98 606	62 383,134	1 282 660,107	20,561	20,096
12	37	98 551	59 806,539	1 220 276,973	20,404	19,939
13	38	98 498	57 337,488	1 160 470,433	20,239	19,774
14	39	98 431	54 962,520	1 103 132,946	20,071	19,605
15	40	98 360	52 684,072	1 048 170,425	19,895	19,430
16	41	98 279	50 494,390	995 486,354	19,715	19,250
17	42	98 179	48 386,450	944 991,963	19,530	19,065
18	43	98 068	46 361,749	896 605,513	19,339	18,874
19	44	97 943	44 414,647	850 243,764	19,143	18,678
20	45	97 802	42 542,749	805 829,117	18,942	18,476
21	46	97 649	40 744,641	763 286,368	18,733	18,268
22	47	97 481	39 016,507	722 541,727	18,519	18,054
23	48	97 298	37 355,399	683 525,220	18,298	17,833
24	49	97 098	35 758,772	646 169,820	18,070	17,605
25	50	96 875	34 222,295	610 411,049	17,837	17,371
26	51	96 637	32 746,687	576 188,754	17,595	17,130
27	52	96 378	31 327,458	543 442,067	17,347	16,882
28	53	96 091	29 960,718	512 114,610	17,093	16,628
29	54	95 779	28 645,986	482 153,892	16,831	16,366
30	55	95 436	27 379,779	453 507,905	16,564	16,098
31	56	95 065	26 161,474	426 128,127	16,288	15,823
32	57	94 656	24 986,912	399 966,652	16,007	15,542
33	58	94 212	23 855,850	374 979,740	15,719	15,253
34	59	93 730	22 766,204	351 123,890	15,423	14,958
35	60	93 202	21 715,107	328 357,686	15,121	14,656
36	61	92 617	20 699,153	306 642,579	14,814	14,349
37	62	92 017	19 726,691	285 943,427	14,495	14,030
38	63	91 372	18 789,878	266 216,736	14,168	13,703
39	64	90 675	17 886,396	247 426,857	13,833	13,368
40	65	89 916	17 013,595	229 540,461	13,492	13,026
41	66	89 084	16 168,892	212 526,866	13,144	12,679
42	67	88 189	15 353,881	196 357,975	12,789	12,324
43	68	87 204	14 563,432	181 004,094	12,429	11,963
44	69	86 171	13 804,378	166 440,662	12,057	11,592
45	70	85 056	13 070,161	152 636,284	11,678	11,213
46	71	83 848	12 359,258	139 566,123	11,292	10,827
47	72	82 544	11 671,101	127 206,865	10,899	10,434
48	73	81 153	11 006,556	115 535,764	10,497	10,032
49	74	79 674	10 365,437	104 529,208	10,084	9,619
50	75	78 064	9 742,005	94 163,771	9,666	9,201
51	76	76 306	9 134,420	84 421,766	9,242	8,777
52	77	74 353	8 537,701	75 287,346	8,818	8,353
53	78	72 214	7 954,033	66 749,646	8,392	7,927
54	79	69 834	7 378,394	58 795,612	7,969	7,503
55	80	67 159	6 806,426	51 417,218	7,554	7,089
56	81	64 182	6 239,582	44 610,792	7,150	6,684
57	82	60 935	5 682,407	38 371,210	6,753	6,287
58	83	57 431	5 137,319	32 688,803	6,363	5,898
59	84	53 639	4 602,485	27 551,484	5,986	5,521
60	85	49 570	4 079,989	22 948,999	5,625	5,160
61	86	45 283	3 575,178	18 869,010	5,278	4,813
62	87	40 804	3 090,192	15 293,832	4,949	4,484
63	88	36 230	2 631,956	12 203,639	4,637	4,172
64	89	31 651	2 205,560	9 571,684	4,340	3,875
65	90	27 115	1 812,418	7 366,124	4,064	3,599
66	91	22 748	1 458,574	5 553,706	3,808	3,342
67	92	18 632	1 145,949	4 095,132	3,574	3,108
68	93	14 866	877,027	2 949,183	3,363	2,897
69	94	11 536	652,838	2 072,156	3,174	2,709
70	95	8 641	469,069	1 419,318	3,026	2,561
71	96	6 344	330,325	950,249	2,877	2,411
72	97	4 521	225,824	619,924	2,745	2,280
73	98	3 183	152,507	394,101	2,584	2,119
74	99	2 150	98,833	241,593	2,444	1,979
75	100	1 395	61,506	142,760	2,321	1,856

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	95 583,061	2 203 720,040	23,056	22,590
2	1	99 313	91 380,576	2 108 136,979	23,070	22,605
3	2	99 275	87 621,307	2 016 756,403	23,017	22,552
4	3	99 250	84 028,387	1 929 135,096	22,958	22,493
5	4	99 227	80 583,819	1 845 106,709	22,897	22,432
6	5	99 208	77 284,315	1 764 522,890	22,832	22,366
7	6	99 191	74 120,388	1 687 238,575	22,763	22,298
8	7	99 176	71 088,028	1 613 118,187	22,692	22,227
9	8	99 163	68 181,039	1 542 030,159	22,617	22,151
10	9	99 149	65 392,168	1 473 849,121	22,539	22,073
11	10	99 135	62 717,417	1 408 456,953	22,457	21,992
12	11	99 120	60 151,655	1 345 739,535	22,372	21,907
13	12	99 105	57 690,611	1 285 587,880	22,284	21,819
14	13	99 087	55 329,046	1 227 897,269	22,193	21,727
15	14	99 067	53 062,466	1 172 568,223	22,098	21,633
16	15	99 042	50 886,258	1 119 505,757	22,000	21,535
17	16	99 004	48 793,081	1 068 619,499	21,901	21,436
18	17	98 961	46 783,589	1 019 826,418	21,799	21,334
19	18	98 908	44 852,573	973 042,829	21,694	21,229
20	19	98 847	42 997,328	928 190,256	21,587	21,122
21	20	98 783	41 217,891	885 192,929	21,476	21,011
22	21	98 721	39 512,546	843 975,037	21,360	20,894
23	22	98 660	37 878,357	804 462,491	21,238	20,773
24	23	98 598	36 311,185	766 584,135	21,112	20,646
25	24	98 528	34 806,482	730 272,949	20,981	20,516
26	25	98 464	33 365,790	695 466,467	20,844	20,378
27	26	98 399	31 984,424	662 100,678	20,701	20,236
28	27	98 328	30 658,346	630 116,254	20,553	20,088
29	28	98 256	29 386,917	599 457,908	20,399	19,934
30	29	98 175	28 165,722	570 070,991	20,240	19,775
31	30	98 093	26 994,927	541 905,268	20,074	19,609
32	31	97 997	25 868,906	514 910,342	19,905	19,439
33	32	97 897	24 789,000	489 041,435	19,728	19,263
34	33	97 793	23 753,287	464 252,435	19,545	19,080
35	34	97 680	22 758,474	440 499,148	19,355	18,890
36	35	97 555	21 802,759	417 740,674	19,160	18,695
37	36	97 429	20 886,951	395 937,915	18,956	18,491
38	37	97 292	20 007,287	375 050,964	18,746	18,280
39	38	97 145	19 162,678	355 043,677	18,528	18,063
40	39	96 983	18 350,651	335 880,999	18,303	17,838
41	40	96 803	17 569,949	317 530,348	18,072	17,607
42	41	96 609	16 819,921	299 960,400	17,834	17,368
43	42	96 392	16 097,887	283 140,478	17,589	17,123
44	43	96 154	15 403,538	267 042,591	17,336	16,871
45	44	95 895	14 735,772	251 639,054	17,077	16,612
46	45	95 601	14 091,748	236 903,282	16,811	16,346
47	46	95 286	13 472,734	222 811,534	16,538	16,073
48	47	94 929	12 874,993	209 338,799	16,259	15,794
49	48	94 529	12 298,066	196 463,806	15,975	15,510
50	49	94 081	11 740,773	184 165,740	15,686	15,221
51	50	93 580	11 202,186	172 424,967	15,392	14,927
52	51	93 035	10 682,920	161 222,781	15,092	14,626
53	52	92 418	10 179,523	150 539,861	14,788	14,323
54	53	91 732	9 691,986	140 360,339	14,482	14,017
55	54	90 971	9 219,779	130 668,353	14,173	13,707
56	55	90 140	8 763,084	121 448,574	13,859	13,394
57	56	89 227	8 320,759	112 685,489	13,543	13,077
58	57	88 234	7 892,693	104 364,730	13,223	12,758
59	58	87 140	7 477,056	96 472,037	12,902	12,437
60	59	85 953	7 074,549	88 994,980	12,580	12,114
61	60	84 679	6 685,551	81 920,431	12,253	11,788
62	61	83 297	6 308,338	75 234,880	11,926	11,461
63	62	81 827	5 944,337	68 926,542	11,595	11,130
64	63	80 267	5 593,291	62 982,206	11,260	10,795
65	64	78 600	5 253,846	57 388,914	10,923	10,458
66	65	76 828	4 926,054	52 135,069	10,584	10,118
67	66	74 967	4 610,754	47 209,014	10,239	9,774
68	67	72 978	4 305,439	42 598,260	9,894	9,429
69	68	70 918	4 013,386	38 292,821	9,541	9,076
70	69	68 746	3 731,818	34 279,435	9,186	8,721
71	70	66 455	3 460,384	30 547,617	8,828	8,363
72	71	64 044	3 198,897	27 087,232	8,468	8,002
73	72	61 534	2 948,236	23 888,335	8,103	7,637
74	73	58 931	2 708,424	20 940,099	7,731	7,266
75	74	56 225	2 478,699	18 231,675	7,355	6,890
76	75	53 382	2 257,439	15 752,976	6,978	6,513
77	76	50 393	2 044,164	13 495,537	6,602	6,137
78	77	47 260	1 838,903	11 451,373	6,227	5,762
79	78	43 972	1 641,230	9 612,471	5,857	5,392
80	79	40 502	1 450,094	7 971,241	5,497	5,032
81	80	36 874	1 266,374	6 521,147	5,149	4,684
82	81	33 099	1 090,374	5 254,773	4,819	4,354
83	82	29 275	925,077	4 164,399	4,502	4,036
84	83	25 443	771,231	3 239,322	4,200	3,735
85	84	21 681	630,398	2 468,092	3,915	3,450
86	85	18 049	503,407	1 837,694	3,651	3,185
87	86	14 656	392,114	1 334,287	3,403	2,938
88	87	11 578	297,114	942,173	3,171	2,706
89	88	8 871	218,370	645,058	2,954	2,489
90	89	6 577	155,296	426,689	2,748	2,282
91	90	4 689	106,217	271,393	2,555	2,090
92	91	3 187	69,242	165,176	2,385	1,920
93	92	2 059	42,904	95,934	2,236	1,771
94	93	1 265	25,283	53,030	2,097	1,632
95	94	727	13,933	27,747	1,991	1,526
96	95	397	7,299	13,813	1,892	1,427
97	96	205	3,614	6,514	1,802	1,337
98	97	99	1,677	2,899	1,729	1,264
99	98	46	0,742	1,223	1,647	1,182
100	99	20	0,305	0,481	1,578	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	91 661,413	2 110 248,612	23,022	22,557
3	1	99 297	87 641,557	2 018 587,199	23,032	22,567
4	2	99 262	84 038,394	1 930 945,642	22,977	22,512
5	3	99 238	80 593,421	1 846 907,247	22,916	22,451
6	4	99 217	77 291,343	1 766 313,827	22,853	22,387
7	5	99 198	74 125,947	1 689 022,483	22,786	22,321
8	6	99 182	71 092,708	1 614 896,536	22,715	22,250
9	7	99 168	68 184,400	1 543 803,828	22,642	22,176
10	8	99 155	65 396,217	1 475 619,429	22,564	22,099
11	9	99 141	62 721,476	1 410 223,212	22,484	22,019
12	10	99 126	60 155,220	1 347 501,736	22,400	21,935
13	11	99 112	57 694,908	1 287 346,516	22,313	21,848
14	12	99 095	55 333,424	1 229 651,608	22,223	21,757
15	13	99 075	53 067,015	1 174 318,184	22,129	21,664
16	14	99 052	50 891,598	1 121 251,169	22,032	21,567
17	15	99 016	48 799,186	1 070 359,571	21,934	21,469
18	16	98 975	46 790,191	1 021 560,385	21,833	21,368
19	17	98 923	44 859,141	974 770,194	21,730	21,264
20	18	98 867	43 006,086	929 911,053	21,623	21,158
21	19	98 802	41 225,849	886 904,967	21,513	21,048
22	20	98 739	39 519,864	845 679,119	21,399	20,934
23	21	98 676	37 884,629	806 159,255	21,279	20,814
24	22	98 615	36 317,470	768 274,626	21,154	20,689
25	23	98 550	34 814,036	731 957,156	21,025	20,560
26	24	98 481	33 371,449	697 143,120	20,890	20,425
27	25	98 418	31 990,389	663 771,672	20,749	20,284
28	26	98 347	30 664,312	631 781,283	20,603	20,138
29	27	98 278	29 393,337	601 116,970	20,451	19,986
30	28	98 200	28 172,748	571 723,633	20,293	19,828
31	29	98 119	27 001,914	543 550,884	20,130	19,665
32	30	98 026	25 876,590	516 548,970	19,962	19,497
33	31	97 928	24 796,915	490 672,380	19,788	19,322
34	32	97 827	23 761,533	465 875,465	19,606	19,141
35	33	97 715	22 766,580	442 113,931	19,419	18,954
36	34	97 593	21 811,290	419 347,352	19,226	18,761
37	35	97 468	20 895,361	397 536,062	19,025	18,560
38	36	97 338	20 016,672	376 640,701	18,816	18,351
39	37	97 190	19 171,501	356 624,029	18,602	18,137
40	38	97 039	18 361,404	337 452,528	18,378	17,913
41	39	96 861	17 580,421	319 091,124	18,150	17,685
42	40	96 675	16 831,345	301 510,702	17,914	17,448
43	41	96 465	16 110,177	284 679,357	17,671	17,206
44	42	96 234	15 416,330	268 569,181	17,421	16,956
45	43	95 981	14 749,045	253 152,850	17,164	16,699
46	44	95 699	14 106,137	238 403,805	16,901	16,435
47	45	95 392	13 487,732	224 297,668	16,630	16,165
48	46	95 050	12 891,362	210 809,936	16,353	15,888
49	47	94 664	12 315,721	197 918,574	16,070	15,605
50	48	94 231	11 759,583	185 602,853	15,783	15,318
51	49	93 750	11 222,515	173 843,270	15,491	15,025
52	50	93 218	10 704,014	162 620,755	15,193	14,727
53	51	92 623	10 202,057	151 916,741	14,891	14,426
54	52	91 958	9 715,841	141 714,684	14,586	14,121
55	53	91 221	9 245,047	131 998,843	14,278	13,813
56	54	90 412	8 789,538	122 753,796	13,966	13,501
57	55	89 524	8 348,421	113 964,259	13,651	13,186
58	56	88 555	7 921,360	105 615,838	13,333	12,868
59	57	87 489	7 507,027	97 694,478	13,014	12,549
60	58	86 334	7 105,890	90 187,451	12,692	12,227
61	59	85 090	6 717,998	83 081,561	12,367	11,902
62	60	83 749	6 342,531	76 363,562	12,040	11,575
63	61	82 287	5 977,783	70 021,032	11,714	11,248
64	62	80 757	5 627,488	64 043,249	11,380	10,915
65	63	79 121	5 288,668	58 415,761	11,045	10,580
66	64	77 392	4 962,216	53 127,093	10,706	10,241
67	65	75 572	4 647,995	48 164,877	10,363	9,897
68	66	73 621	4 343,380	43 516,882	10,019	9,554
69	67	71 613	4 052,675	39 173,502	9,666	9,201
70	68	69 455	3 770,331	35 120,827	9,315	8,850
71	69	67 205	3 499,481	31 350,496	8,959	8,493
72	70	64 834	3 238,352	27 851,015	8,600	8,135
73	71	62 369	2 988,250	24 612,663	8,236	7,771
74	72	59 793	2 748,021	21 624,413	7,869	7,404
75	73	57 109	2 517,680	18 876,393	7,498	7,032
76	74	54 311	2 296,732	16 358,713	7,123	6,657
77	75	51 373	2 083,898	14 061,980	6,748	6,283
78	76	48 314	1 879,934	11 978,082	6,372	5,906
79	77	45 074	1 682,367	10 098,147	6,002	5,537
80	78	41 673	1 492,020	8 415,780	5,641	5,175
81	79	38 130	1 309,486	6 923,761	5,287	4,822
82	80	34 421	1 133,926	5 614,274	4,951	4,486
83	81	30 624	967,717	4 480,349	4,630	4,165
84	82	26 792	812,114	3 512,631	4,325	3,860
85	83	23 018	669,271	2 700,518	4,035	3,570
86	84	19 350	539,685	2 031,247	3,764	3,299
87	85	15 883	424,928	1 491,562	3,510	3,045
88	86	12 707	326,108	1 066,635	3,271	2,806
89	87	9 869	242,954	740,527	3,048	2,583
90	88	7 430	175,441	497,573	2,836	2,371
91	89	5 396	122,217	322,132	2,636	2,171
92	90	3 740	81,264	199,915	2,460	1,995
93	91	2 472	51,526	118,650	2,303	1,837
94	92	1 557	31,120	67,124	2,157	1,692
95	93	919	17,619	36,004	2,043	1,578
96	94	519	9,544	18,385	1,926	1,461
97	95	273	4,813	8,841	1,837	1,372
98	96	136	2,295	4,028	1,755	1,290
99	97	63	1,027	1,733	1,688	1,222
100	98	28	0,438	0,706	1,612	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	87 910,904	2 020 541,648	22,984	22,519
4	1	99 285	84 057,816	1 932 630,744	22,992	22,526
5	2	99 250	80 603,019	1 848 572,928	22,934	22,469
6	3	99 229	77 300,553	1 767 969,909	22,871	22,406
7	4	99 207	74 132,688	1 690 669,356	22,806	22,341
8	5	99 190	71 098,040	1 616 536,668	22,737	22,272
9	6	99 174	68 188,888	1 545 438,628	22,664	22,199
10	7	99 160	65 399,440	1 477 249,740	22,588	22,123
11	8	99 147	62 725,359	1 411 850,299	22,508	22,043
12	9	99 132	60 159,113	1 349 124,940	22,426	21,961
13	10	99 118	57 698,327	1 288 965,827	22,340	21,875
14	11	99 103	55 337,545	1 231 267,500	22,250	21,785
15	12	99 083	53 071,214	1 175 929,955	22,158	21,692
16	13	99 060	50 895,961	1 122 858,741	22,062	21,597
17	14	99 026	48 804,307	1 071 962,780	21,965	21,499
18	15	98 987	46 796,045	1 023 158,473	21,864	21,399
19	16	98 937	44 865,472	976 362,428	21,762	21,297
20	17	98 881	43 012,383	931 496,956	21,656	21,191
21	18	98 822	41 234,246	888 484,572	21,547	21,082
22	19	98 758	39 527,494	847 250,327	21,434	20,969
23	20	98 694	37 891,645	807 722,833	21,317	20,851
24	21	98 631	36 323,484	769 831,188	21,194	20,729
25	22	98 567	34 820,061	733 507,704	21,066	20,600
26	23	98 502	33 378,691	698 687,643	20,932	20,467
27	24	98 434	31 995,814	665 308,952	20,794	20,328
28	25	98 366	30 670,031	633 313,137	20,649	20,184
29	26	98 297	29 399,058	602 643,106	20,499	20,034
30	27	98 221	28 178,904	573 244,048	20,343	19,878
31	28	98 143	27 008,650	545 065,145	20,181	19,716
32	29	98 051	25 883,288	518 056,495	20,015	19,550
33	30	97 957	24 804,281	492 173,207	19,842	19,377
34	31	97 859	23 769,120	467 368,926	19,663	19,198
35	32	97 749	22 774,483	443 599,806	19,478	19,013
36	33	97 628	21 819,059	420 825,322	19,287	18,822
37	34	97 507	20 903,537	399 006,264	19,088	18,623
38	35	97 377	20 024,732	378 102,727	18,882	18,417
39	36	97 236	19 180,494	358 077,995	18,669	18,204
40	37	97 084	18 369,858	338 897,502	18,449	17,983
41	38	96 918	17 590,724	320 527,643	18,221	17,756
42	39	96 732	16 841,377	302 936,920	17,988	17,522
43	40	96 531	16 121,118	286 095,542	17,747	17,281
44	41	96 307	15 428,100	269 974,424	17,499	17,034
45	42	96 061	14 761,294	254 546,325	17,244	16,779
46	43	95 785	14 118,843	239 785,030	16,983	16,518
47	44	95 490	13 501,504	225 666,187	16,714	16,249
48	45	95 155	12 905,713	212 164,683	16,440	15,974
49	46	94 785	12 331,379	199 258,971	16,159	15,693
50	47	94 367	11 776,465	186 927,592	15,873	15,408
51	48	93 900	11 240,495	175 151,127	15,582	15,117
52	49	93 388	10 723,439	163 910,632	15,285	14,820
53	50	92 806	10 222,201	153 187,193	14,986	14,521
54	51	92 161	9 737,349	142 964,992	14,682	14,217
55	52	91 445	9 267,802	133 227,643	14,375	13,910
56	53	90 660	8 813,626	123 959,841	14,065	13,599
57	54	89 794	8 373,623	115 146,214	13,751	13,286
58	55	88 849	7 947,694	106 772,592	13,434	12,969
59	56	87 807	7 534,292	98 824,898	13,117	12,651
60	57	86 680	7 134,373	91 290,606	12,796	12,331
61	58	85 467	6 747,760	84 156,233	12,472	12,007
62	59	84 155	6 373,314	77 408,473	12,146	11,680
63	60	82 733	6 010,184	71 035,159	11,819	11,354
64	61	81 212	5 659,151	65 024,975	11,490	11,025
65	62	79 604	5 321,002	59 365,824	11,157	10,692
66	63	77 905	4 995,106	54 044,822	10,820	10,354
67	64	76 127	4 682,115	49 049,716	10,476	10,011
68	65	74 215	4 378,461	44 367,601	10,133	9,668
69	66	72 244	4 088,388	39 989,140	9,781	9,316
70	67	70 135	3 807,240	35 900,752	9,430	8,964
71	68	67 899	3 535,597	32 093,512	9,077	8,612
72	69	65 566	3 274,940	28 557,915	8,720	8,255
73	70	63 138	3 025,106	25 282,975	8,358	7,892
74	71	60 604	2 785,317	22 257,869	7,991	7,526
75	72	57 944	2 554,488	19 472,552	7,623	7,158
76	73	55 166	2 332,851	16 918,063	7,252	6,787
77	74	52 267	2 120,171	14 585,212	6,879	6,414
78	75	49 253	1 916,477	12 465,041	6,504	6,039
79	76	46 080	1 719,906	10 548,564	6,133	5,668
80	77	42 718	1 529,417	8 828,658	5,773	5,307
81	78	39 232	1 347,347	7 299,241	5,417	4,952
82	79	35 593	1 172,529	5 951,894	5,076	4,611
83	80	31 847	1 006,370	4 779,365	4,749	4,284
84	81	28 027	849,547	3 772,995	4,441	3,976
85	82	24 238	704,749	2 923,448	4,148	3,683
86	83	20 543	572,963	2 218,699	3,872	3,407
87	84	17 028	455,550	1 645,736	3,613	3,147
88	85	13 771	353,398	1 190,185	3,368	2,903
89	86	10 833	266,663	836,788	3,138	2,673
90	87	8 266	195,192	570,125	2,921	2,456
91	88	6 096	138,071	374,933	2,715	2,250
92	89	4 304	93,506	236,862	2,533	2,068
93	90	2 902	60,472	143,355	2,371	1,905
94	91	1 869	37,374	82,883	2,218	1,752
95	92	1 131	21,687	45,509	2,098	1,633
96	93	656	12,069	23,822	1,974	1,509
97	94	357	6,293	11,754	1,868	1,403
98	95	181	3,056	5,461	1,787	1,322
99	96	87	1,405	2,405	1,711	1,246
100	97	39	0,606	0,999	1,649	1,184

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	84 316,149	1 934 438,448	22,943	22,477
5	1	99 273	80 621,647	1 850 122,298	22,948	22,483
6	2	99 241	77 309,759	1 769 500,651	22,888	22,423
7	3	99 219	74 141,521	1 692 190,893	22,824	22,359
8	4	99 199	71 104,505	1 618 049,371	22,756	22,291
9	5	99 182	68 194,003	1 546 944,866	22,684	22,219
10	6	99 166	65 403,746	1 478 750,864	22,610	22,144
11	7	99 152	62 728,452	1 413 347,118	22,531	22,066
12	8	99 138	60 162,837	1 350 618,666	22,449	21,984
13	9	99 124	57 702,061	1 290 455,829	22,364	21,899
14	10	99 108	55 340,824	1 232 753,768	22,276	21,810
15	11	99 091	53 075,167	1 177 412,944	22,184	21,719
16	12	99 068	50 899,988	1 124 337,776	22,089	21,624
17	13	99 035	48 808,491	1 073 437,789	21,993	21,528
18	14	98 997	46 800,957	1 024 629,298	21,893	21,428
19	15	98 949	44 871,085	977 828,341	21,792	21,327
20	16	98 895	43 018,453	932 957,256	21,687	21,222
21	17	98 837	41 240,284	889 938,803	21,579	21,114
22	18	98 778	39 535,545	848 698,519	21,467	21,002
23	19	98 714	37 898,960	809 162,974	21,351	20,885
24	20	98 649	36 330,211	771 264,013	21,229	20,764
25	21	98 583	34 825,827	734 933,802	21,103	20,638
26	22	98 519	33 384,468	700 107,975	20,971	20,506
27	23	98 456	32 002,758	666 723,507	20,833	20,368
28	24	98 382	30 675,233	634 720,748	20,692	20,226
29	25	98 315	29 404,540	604 045,516	20,543	20,077
30	26	98 240	28 184,387	574 640,975	20,389	19,923
31	27	98 165	27 014,551	546 456,588	20,228	19,763
32	28	98 076	25 889,745	519 442,037	20,064	19,598
33	29	97 983	24 810,701	493 552,292	19,893	19,428
34	30	97 888	23 776,180	468 741,591	19,715	19,250
35	31	97 780	22 781,755	444 965,411	19,532	19,066
36	32	97 662	21 826,633	422 183,656	19,343	18,877
37	33	97 541	20 910,982	400 357,022	19,146	18,681
38	34	97 415	20 032,567	379 446,040	18,941	18,476
39	35	97 275	19 188,217	359 413,473	18,731	18,266
40	36	97 130	18 378,475	340 225,257	18,512	18,047
41	37	96 962	17 598,823	321 846,782	18,288	17,823
42	38	96 789	16 851,246	304 247,959	18,055	17,590
43	39	96 588	16 130,727	287 396,712	17,817	17,352
44	40	96 373	15 438,578	271 265,985	17,571	17,105
45	41	96 134	14 772,564	255 827,407	17,318	16,853
46	42	95 865	14 130,569	241 054,844	17,059	16,594
47	43	95 576	13 513,666	226 924,275	16,792	16,327
48	44	95 252	12 918,890	213 410,609	16,519	16,054
49	45	94 890	12 345,106	200 491,719	16,241	15,775
50	46	94 487	11 791,437	188 146,613	15,956	15,491
51	47	94 035	11 256,632	176 355,176	15,667	15,202
52	48	93 537	10 740,619	165 098,544	15,371	14,906
53	49	92 974	10 240,752	154 357,925	15,073	14,608
54	50	92 343	9 756,576	144 117,173	14,771	14,306
55	51	91 647	9 288,318	134 360,597	14,466	14,000
56	52	90 883	8 835,320	125 072,279	14,156	13,691
57	53	90 040	8 396,572	116 236,959	13,843	13,378
58	54	89 117	7 971,686	107 840,388	13,528	13,063
59	55	88 099	7 559,339	99 868,702	13,211	12,746
60	56	86 995	7 160,285	92 309,363	12,892	12,427
61	57	85 810	6 774,807	85 149,078	12,568	12,103
62	58	84 528	6 401,548	78 374,271	12,243	11,778
63	59	83 135	6 039,354	71 972,723	11,917	11,452
64	60	81 652	5 689,825	65 933,369	11,588	11,123
65	61	80 052	5 350,941	60 243,543	11,258	10,793
66	62	78 381	5 025,645	54 892,602	10,922	10,457
67	63	76 632	4 713,148	49 866,957	10,580	10,115
68	64	74 760	4 410,602	45 153,809	10,238	9,772
69	65	72 827	4 121,410	40 743,207	9,886	9,421
70	66	70 753	3 840,791	36 621,797	9,535	9,070
71	67	68 564	3 570,208	32 781,006	9,182	8,717
72	68	66 243	3 308,738	29 210,798	8,828	8,363
73	69	63 852	3 059,285	25 902,060	8,467	8,001
74	70	61 352	2 819,671	22 842,775	8,101	7,636
75	71	58 730	2 589,158	20 023,104	7,733	7,268
76	72	55 972	2 366,958	17 433,946	7,366	6,900
77	73	53 089	2 153,514	15 066,988	6,996	6,531
78	74	50 111	1 949,836	12 913,475	6,623	6,158
79	75	46 976	1 753,338	10 963,639	6,253	5,788
80	76	43 671	1 563,543	9 210,302	5,891	5,425
81	77	40 215	1 381,118	7 646,759	5,537	5,071
82	78	36 622	1 206,430	6 265,641	5,194	4,728
83	79	32 931	1 040,631	5 059,210	4,862	4,396
84	80	29 146	883,480	4 018,580	4,549	4,083
85	81	25 355	737,233	3 135,100	4,253	3,787
86	82	21 632	603,336	2 397,867	3,974	3,509
87	83	18 078	483,641	1 794,531	3,710	3,245
88	84	14 763	378,865	1 310,889	3,460	2,995
89	85	11 739	288,978	932,024	3,225	2,760
90	86	9 073	214,240	643,046	3,002	2,536
91	87	6 782	153,616	428,807	2,791	2,326
92	88	4 862	105,636	275,191	2,605	2,140
93	89	3 339	69,582	169,555	2,437	1,972
94	90	2 194	43,863	99,973	2,279	1,814
95	91	1 358	26,045	56,110	2,154	1,689
96	92	808	14,855	30,065	2,024	1,559
97	93	451	7,958	15,211	1,911	1,446
98	94	236	3,996	7,253	1,815	1,350
99	95	115	1,872	3,257	1,740	1,275
100	96	53	0,830	1,386	1,670	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	80 869,420	1 851 793,370	22,899	22,433
6	1	99 264	77 327,626	1 770 923,950	22,902	22,436
7	2	99 231	74 150,351	1 693 596,325	22,840	22,375
8	3	99 210	71 112,977	1 619 445,973	22,773	22,308
9	4	99 191	68 200,204	1 548 332,996	22,703	22,238
10	5	99 174	65 408,651	1 480 132,792	22,629	22,164
11	6	99 158	62 732,581	1 414 724,141	22,552	22,086
12	7	99 143	60 165,803	1 351 991,560	22,471	22,006
13	8	99 130	57 705,634	1 291 825,757	22,386	21,921
14	9	99 115	55 344,406	1 234 120,123	22,299	21,834
15	10	99 096	53 078,312	1 178 775,717	22,208	21,743
16	11	99 076	50 903,779	1 125 697,405	22,114	21,649
17	12	99 043	48 812,353	1 074 793,626	22,019	21,554
18	13	99 006	46 804,969	1 025 981,273	21,920	21,455
19	14	98 959	44 875,794	979 176,304	21,820	21,354
20	15	98 908	43 023,836	934 300,510	21,716	21,251
21	16	98 851	41 246,104	891 276,674	21,609	21,144
22	17	98 793	39 541,334	850 030,570	21,497	21,032
23	18	98 734	37 906,680	810 489,236	21,381	20,916
24	19	98 668	36 337,225	772 582,556	21,261	20,796
25	20	98 601	34 832,277	736 245,331	21,137	20,672
26	21	98 536	33 389,996	701 413,054	21,007	20,541
27	22	98 473	32 008,297	668 023,058	20,870	20,405
28	23	98 404	30 681,890	636 014,761	20,729	20,264
29	24	98 332	29 409,527	605 332,870	20,583	20,118
30	25	98 259	28 189,644	575 923,343	20,430	19,965
31	26	98 184	27 019,808	547 733,699	20,272	19,806
32	27	98 097	25 895,401	520 713,891	20,108	19,643
33	28	98 007	24 816,890	494 818,490	19,939	19,474
34	29	97 913	23 782,335	470 001,600	19,763	19,297
35	30	97 809	22 788,522	446 219,265	19,581	19,116
36	31	97 693	21 833,603	423 430,743	19,394	18,928
37	32	97 575	20 918,242	401 597,141	19,198	18,733
38	33	97 450	20 039,702	380 678,899	18,996	18,531
39	34	97 313	19 195,724	360 639,197	18,787	18,322
40	35	97 169	18 385,875	341 443,473	18,571	18,106
41	36	97 008	17 607,078	323 057,598	18,348	17,883
42	37	96 834	16 859,005	305 450,520	18,118	17,653
43	38	96 645	16 140,180	288 591,514	17,880	17,415
44	39	96 430	15 447,780	272 451,334	17,637	17,172
45	40	96 200	14 782,596	257 003,554	17,386	16,920
46	41	95 938	14 141,357	242 220,958	17,129	16,663
47	42	95 655	13 524,889	228 079,601	16,864	16,398
48	43	95 338	12 930,527	214 554,712	16,593	16,128
49	44	94 987	12 357,711	201 624,185	16,316	15,850
50	45	94 592	11 804,563	189 266,474	16,033	15,568
51	46	94 154	11 270,943	177 461,911	15,745	15,280
52	47	93 672	10 756,038	166 190,968	15,451	14,986
53	48	93 123	10 257,159	155 434,930	15,154	14,689
54	49	92 511	9 774,282	145 177,771	14,853	14,388
55	50	91 828	9 306,658	135 403,489	14,549	14,084
56	51	91 084	8 854,878	126 096,831	14,240	13,775
57	52	90 262	8 417,238	117 241,952	13,929	13,464
58	53	89 362	7 993,533	108 824,714	13,614	13,149
59	54	88 365	7 582,159	100 831,181	13,298	12,833
60	55	87 284	7 184,088	93 249,022	12,980	12,515
61	56	86 121	6 799,413	86 064,934	12,658	12,192
62	57	84 867	6 427,208	79 265,521	12,333	11,868
63	58	83 503	6 066,109	72 838,313	12,007	11,542
64	59	82 048	5 717,440	66 772,204	11,679	11,213
65	60	80 486	5 379,945	61 054,764	11,349	10,883
66	61	78 822	5 053,922	55 674,819	11,016	10,551
67	62	77 100	4 741,964	50 620,897	10,675	10,210
68	63	75 256	4 439,836	45 878,933	10,333	9,868
69	64	73 362	4 151,664	41 439,097	9,981	9,516
70	65	71 325	3 871,813	37 287,433	9,630	9,165
71	66	69 168	3 601,670	33 415,620	9,278	8,813
72	67	66 891	3 341,129	29 813,950	8,923	8,458
73	68	64 511	3 090,857	26 472,822	8,565	8,100
74	69	62 045	2 851,529	23 381,964	8,200	7,735
75	70	59 455	2 621,092	20 530,436	7,833	7,368
76	71	56 732	2 399,082	17 909,344	7,465	7,000
77	72	53 865	2 184,998	15 510,261	7,099	6,633
78	73	50 899	1 980,499	13 325,263	6,728	6,263
79	74	47 794	1 783,857	11 344,764	6,360	5,894
80	75	44 520	1 593,935	9 560,908	5,998	5,533
81	76	41 113	1 411,935	7 966,973	5,643	5,177
82	77	37 540	1 236,669	6 555,037	5,301	4,835
83	78	33 884	1 070,718	5 318,368	4,967	4,502
84	79	30 139	913,557	4 247,650	4,650	4,184
85	80	26 368	766,680	3 334,093	4,349	3,884
86	81	22 629	631,146	2 567,413	4,068	3,603
87	82	19 036	509,279	1 936,267	3,802	3,337
88	83	15 673	402,227	1 426,988	3,548	3,082
89	84	12 585	309,803	1 024,761	3,308	2,843
90	85	9 832	232,168	714,958	3,079	2,614
91	86	7 444	168,606	482,790	2,863	2,398
92	87	5 409	117,528	314,183	2,673	2,208
93	88	3 772	78,608	196,655	2,502	2,037
94	89	2 525	50,470	118,047	2,339	1,874
95	90	1 594	30,567	67,577	2,211	1,746
96	91	970	17,840	37,009	2,075	1,609
97	92	555	9,795	19,170	1,957	1,492
98	93	299	5,053	9,375	1,855	1,390
99	94	151	2,447	4,322	1,766	1,301
100	95	71	1,105	1,875	1,697	1,232

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	77 565,275	1 772 468,124	22,851	22,386
7	1	99 254	74 167,488	1 694 902,849	22,852	22,387
8	2	99 222	71 121,446	1 620 735,361	22,788	22,323
9	3	99 202	68 208,330	1 549 613,914	22,719	22,254
10	4	99 183	65 414,599	1 481 405,584	22,646	22,181
11	5	99 166	62 737,286	1 415 990,985	22,570	22,105
12	6	99 150	60 169,764	1 353 253,699	22,491	22,025
13	7	99 135	57 708,478	1 293 083,935	22,407	21,942
14	8	99 121	55 347,832	1 235 375,456	22,320	21,855
15	9	99 103	53 081,747	1 180 027,624	22,230	21,765
16	10	99 082	50 906,796	1 126 945,877	22,137	21,672
17	11	99 050	48 815,989	1 076 039,081	22,043	21,578
18	12	99 014	46 808,672	1 027 223,093	21,945	21,480
19	13	98 968	44 879,641	980 414,421	21,845	21,380
20	14	98 918	43 028,351	935 534,780	21,742	21,277
21	15	98 863	41 251,264	892 506,429	21,636	21,171
22	16	98 807	39 546,915	851 255,164	21,525	21,060
23	17	98 748	37 912,231	811 708,249	21,410	20,945
24	18	98 688	36 344,626	773 796,018	21,291	20,825
25	19	98 621	34 839,002	737 451,392	21,167	20,702
26	20	98 554	33 396,180	702 612,391	21,039	20,573
27	21	98 489	32 013,597	669 216,211	20,904	20,439
28	22	98 421	30 687,201	637 202,613	20,764	20,299
29	23	98 353	29 415,910	606 515,412	20,619	20,153
30	24	98 275	28 194,425	577 099,502	20,469	20,003
31	25	98 202	27 024,847	548 905,078	20,311	19,846
32	26	98 116	25 900,440	521 880,230	20,149	19,684
33	27	98 028	24 822,312	495 979,790	19,981	19,516
34	28	97 937	23 788,267	471 157,478	19,806	19,341
35	29	97 834	22 794,421	447 369,210	19,626	19,161
36	30	97 722	21 840,088	424 574,790	19,440	18,975
37	31	97 606	20 924,921	402 734,702	19,247	18,781
38	32	97 484	20 046,659	381 809,781	19,046	18,581
39	33	97 348	19 202,561	361 763,122	18,839	18,374
40	34	97 207	18 393,069	342 560,561	18,624	18,159
41	35	97 047	17 614,167	324 167,492	18,404	17,939
42	36	96 879	16 866,913	306 553,324	18,175	17,710
43	37	96 689	16 147,611	289 686,411	17,940	17,475
44	38	96 487	15 456,833	273 538,800	17,697	17,232
45	39	96 257	14 791,408	258 081,967	17,448	16,983
46	40	96 003	14 150,961	243 290,559	17,193	16,727
47	41	95 728	13 535,214	229 139,598	16,929	16,464
48	42	95 417	12 941,266	215 604,384	16,660	16,195
49	43	95 073	12 368,842	202 663,118	16,385	15,920
50	44	94 688	11 816,617	190 294,276	16,104	15,639
51	45	94 259	11 283,490	178 477,660	15,818	15,352
52	46	93 791	10 769,713	167 194,170	15,524	15,059
53	47	93 257	10 271,884	156 424,457	15,228	14,763
54	48	92 659	9 789,941	146 152,573	14,929	14,464
55	49	91 995	9 323,547	136 362,631	14,626	14,160
56	50	91 264	8 872,363	127 039,084	14,319	13,853
57	51	90 462	8 435,871	118 166,721	14,008	13,542
58	52	89 581	8 013,208	109 730,850	13,694	13,229
59	53	88 607	7 602,939	101 717,642	13,379	12,914
60	54	87 548	7 205,775	94 114,703	13,061	12,596
61	55	86 408	6 822,017	86 908,928	12,739	12,274
62	56	85 175	6 450,551	80 086,911	12,416	11,950
63	57	83 838	6 090,424	73 636,359	12,091	11,625
64	58	82 412	5 742,769	67 545,936	11,762	11,297
65	59	80 877	5 406,056	61 803,166	11,432	10,967
66	60	79 249	5 081,315	56 397,111	11,099	10,634
67	61	77 534	4 768,645	51 315,795	10,761	10,296
68	62	75 716	4 466,980	46 547,150	10,420	9,955
69	63	73 848	4 179,182	42 080,170	10,069	9,604
70	64	71 848	3 900,235	37 900,988	9,718	9,252
71	65	69 727	3 630,760	34 000,753	9,365	8,899
72	66	67 481	3 370,572	30 369,993	9,010	8,545
73	67	65 142	3 121,115	26 999,421	8,651	8,185
74	68	62 685	2 880,957	23 878,306	8,288	7,823
75	69	60 127	2 650,707	20 997,349	7,921	7,456
76	70	57 431	2 428,672	18 346,643	7,554	7,089
77	71	54 596	2 214,653	15 917,971	7,188	6,722
78	72	51 643	2 009,454	13 703,318	6,819	6,354
79	73	48 545	1 811,910	11 693,864	6,454	5,989
80	74	45 295	1 621,680	9 881,954	6,094	5,628
81	75	41 912	1 439,381	8 260,275	5,739	5,274
82	76	38 377	1 264,263	6 820,894	5,395	4,930
83	77	34 733	1 097,556	5 556,631	5,063	4,598
84	78	31 010	939,970	4 459,075	4,744	4,279
85	79	27 266	792,781	3 519,105	4,439	3,974
86	80	23 533	656,356	2 726,324	4,154	3,689
87	81	19 913	532,754	2 069,969	3,885	3,420
88	82	16 504	423,550	1 537,215	3,629	3,164
89	83	13 361	328,907	1 113,666	3,386	2,921
90	84	10 541	248,899	784,759	3,153	2,688
91	85	8 067	182,716	535,860	2,933	2,468
92	86	5 937	128,997	353,144	2,738	2,272
93	87	4 196	87,458	224,147	2,563	2,098
94	88	2 852	57,017	136,689	2,397	1,932
95	89	1 834	35,172	79,672	2,265	1,800
96	90	1 138	20,937	44,500	2,125	1,660
97	91	667	11,763	23,563	2,003	1,538
98	92	367	6,220	11,800	1,897	1,432
99	93	191	3,094	5,580	1,803	1,338
100	94	93	1,444	2,486	1,721	1,256

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	74 395,425	1 696 329,422	22,802	22,336
8	1	99 245	71 137,883	1 621 933,997	22,800	22,335
9	2	99 214	68 216,453	1 550 796,113	22,733	22,268
10	3	99 194	65 422,394	1 482 579,660	22,662	22,196
11	4	99 175	62 742,991	1 417 157,266	22,587	22,121
12	5	99 157	60 174,277	1 354 414,275	22,508	22,043
13	6	99 142	57 712,277	1 294 239,998	22,426	21,961
14	7	99 126	55 350,561	1 236 527,721	22,340	21,875
15	8	99 109	53 085,034	1 181 177,160	22,251	21,785
16	9	99 088	50 910,090	1 128 092,126	22,159	21,693
17	10	99 056	48 818,881	1 077 182,036	22,065	21,600
18	11	99 021	46 812,159	1 028 363,155	21,968	21,503
19	12	98 976	44 883,192	981 550,996	21,869	21,404
20	13	98 927	43 032,040	936 667,804	21,767	21,302
21	14	98 874	41 255,594	893 635,764	21,661	21,196
22	15	98 819	39 551,863	852 380,171	21,551	21,086
23	16	98 762	37 917,581	812 828,308	21,437	20,971
24	17	98 703	36 349,948	774 910,727	21,318	20,853
25	18	98 641	34 846,098	738 560,779	21,195	20,730
26	19	98 573	33 402,628	703 714,681	21,068	20,602
27	20	98 507	32 019,526	670 312,053	20,934	20,469
28	21	98 437	30 692,282	638 292,527	20,797	20,331
29	22	98 370	29 421,001	607 600,245	20,652	20,187
30	23	98 297	28 200,544	578 179,243	20,502	20,037
31	24	98 219	27 029,431	549 978,699	20,347	19,882
32	25	98 135	25 905,271	522 949,269	20,187	19,722
33	26	98 048	24 827,143	497 043,998	20,020	19,555
34	27	97 959	23 793,465	472 216,855	19,846	19,381
35	28	97 859	22 800,107	448 423,391	19,668	19,202
36	29	97 747	21 845,741	425 623,284	19,483	19,018
37	30	97 635	20 931,136	403 777,543	19,291	18,826
38	31	97 515	20 053,060	382 846,407	19,092	18,626
39	32	97 381	19 209,228	362 793,347	18,886	18,421
40	33	97 241	18 399,620	343 584,119	18,673	18,208
41	34	97 085	17 621,059	325 184,499	18,454	17,989
42	35	96 918	16 873,705	307 563,440	18,227	17,762
43	36	96 735	16 155,186	290 689,735	17,994	17,528
44	37	96 531	15 463,949	274 534,549	17,753	17,288
45	38	96 313	14 800,076	259 070,600	17,505	17,039
46	39	96 060	14 159,396	244 270,524	17,251	16,786
47	40	95 793	13 544,407	230 111,129	16,989	16,524
48	41	95 490	12 951,146	216 566,722	16,722	16,257
49	42	95 152	12 379,115	203 615,576	16,448	15,983
50	43	94 774	11 827,260	191 236,462	16,169	15,704
51	44	94 355	11 295,011	179 409,201	15,884	15,419
52	45	93 895	10 781,702	168 114,190	15,593	15,127
53	46	93 376	10 284,943	157 332,488	15,297	14,832
54	47	92 792	9 803,996	147 047,545	14,999	14,534
55	48	92 142	9 338,485	137 243,549	14,697	14,231
56	49	91 429	8 888,464	127 905,064	14,390	13,925
57	50	90 640	8 452,529	119 016,600	14,081	13,615
58	51	89 780	8 030,946	110 564,072	13,767	13,302
59	52	88 825	7 621,652	102 533,125	13,453	12,988
60	53	87 788	7 225,524	94 911,473	13,136	12,670
61	54	86 669	6 842,611	87 685,950	12,815	12,349
62	55	85 458	6 471,996	80 843,339	12,491	12,026
63	56	84 142	6 112,544	74 371,343	12,167	11,702
64	57	82 742	5 765,788	68 258,799	11,839	11,373
65	58	81 235	5 430,005	62 493,011	11,509	11,044
66	59	79 634	5 105,977	57 063,006	11,176	10,711
67	60	77 954	4 794,492	51 957,028	10,837	10,372
68	61	76 142	4 492,114	47 162,537	10,499	10,034
69	62	74 300	4 204,733	42 670,422	10,148	9,683
70	63	72 324	3 926,086	38 465,690	9,797	9,332
71	64	70 238	3 657,413	34 539,604	9,444	8,979
72	65	68 026	3 397,796	30 882,191	9,089	8,624
73	66	65 716	3 148,619	27 484,395	8,729	8,264
74	67	63 299	2 909,159	24 335,776	8,365	7,900
75	68	60 747	2 678,062	21 426,617	8,001	7,536
76	69	58 080	2 456,112	18 748,554	7,633	7,168
77	70	55 270	2 241,968	16 292,442	7,267	6,802
78	71	52 344	2 036,727	14 050,474	6,899	6,433
79	72	49 255	1 838,400	12 013,748	6,535	6,070
80	73	46 007	1 647,183	10 175,348	6,177	5,712
81	74	42 641	1 464,435	8 528,165	5,824	5,358
82	75	39 123	1 288,838	7 063,730	5,481	5,015
83	76	35 508	1 122,045	5 774,892	5,147	4,682
84	77	31 787	963,530	4 652,847	4,829	4,364
85	78	28 054	815,702	3 689,317	4,523	4,058
86	79	24 334	678,701	2 873,614	4,234	3,769
87	80	20 709	554,033	2 194,914	3,962	3,496
88	81	17 265	443,072	1 640,881	3,703	3,238
89	82	14 069	346,342	1 197,809	3,458	2,993
90	83	11 191	264,247	851,466	3,222	2,757
91	84	8 648	195,883	587,219	2,998	2,533
92	85	6 434	139,792	391,336	2,799	2,334
93	86	4 606	95,992	251,544	2,620	2,155
94	87	3 173	63,437	155,552	2,452	1,987
95	88	2 072	39,734	92,115	2,318	1,853
96	89	1 310	24,091	52,381	2,174	1,709
97	90	782	13,805	28,290	2,049	1,584
98	91	441	7,469	14,484	1,939	1,474
99	92	235	3,809	7,015	1,842	1,376
100	93	117	1,826	3,206	1,755	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	71 356,510	1 623 251,797	22,748	22,283
9	1	99 237	68 232,219	1 551 895,287	22,744	22,279
10	2	99 206	65 430,185	1 483 663,068	22,676	22,210
11	3	99 187	62 750,467	1 418 232,883	22,601	22,136
12	4	99 166	60 179,749	1 355 482,416	22,524	22,059
13	5	99 149	57 716,606	1 295 302,667	22,442	21,977
14	6	99 132	55 354,205	1 237 586,061	22,358	21,892
15	7	99 114	53 087,651	1 182 231,857	22,269	21,804
16	8	99 094	50 913,242	1 129 144,206	22,178	21,713
17	9	99 062	48 822,041	1 078 230,964	22,085	21,620
18	10	99 027	46 814,933	1 029 408,923	21,989	21,524
19	11	98 983	44 886,536	982 593,991	21,891	21,425
20	12	98 934	43 035,444	937 707,455	21,789	21,324
21	13	98 882	41 259,130	894 672,011	21,684	21,219
22	14	98 829	39 556,014	853 412,880	21,575	21,110
23	15	98 774	37 922,325	813 856,867	21,461	20,996
24	16	98 717	36 355,078	775 934,542	21,343	20,878
25	17	98 655	34 851,201	739 579,463	21,221	20,756
26	18	98 593	33 409,431	704 728,263	21,094	20,628
27	19	98 526	32 025,708	671 318,832	20,962	20,497
28	20	98 455	30 697,966	639 293,123	20,825	20,360
29	21	98 386	29 425,873	608 595,157	20,682	20,217
30	22	98 314	28 205,425	579 169,284	20,534	20,069
31	23	98 240	27 035,297	550 963,859	20,379	19,914
32	24	98 151	25 909,664	523 928,563	20,221	19,756
33	25	98 066	24 831,773	498 018,898	20,056	19,590
34	26	97 978	23 798,095	473 187,125	19,883	19,418
35	27	97 880	22 805,088	449 389,030	19,706	19,240
36	28	97 772	21 851,190	426 583,942	19,522	19,057
37	29	97 661	20 936,554	404 732,752	19,331	18,866
38	30	97 544	20 059,016	383 796,197	19,133	18,668
39	31	97 413	19 215,361	363 737,181	18,930	18,464
40	32	97 275	18 406,008	344 521,820	18,718	18,253
41	33	97 119	17 627,335	326 115,812	18,501	18,035
42	34	96 956	16 880,307	308 488,477	18,275	17,810
43	35	96 774	16 161,691	291 608,170	18,043	17,578
44	36	96 576	15 471,203	275 446,480	17,804	17,339
45	37	96 358	14 806,890	259 975,277	17,558	17,093
46	38	96 117	14 167,693	245 168,387	17,305	16,840
47	39	95 850	13 552,480	231 000,693	17,045	16,580
48	40	95 555	12 959,942	217 448,213	16,778	16,313
49	41	95 224	12 388,565	204 488,272	16,506	16,041
50	42	94 852	11 837,083	192 099,706	16,229	15,763
51	43	94 440	11 305,185	180 262,623	15,945	15,480
52	44	93 991	10 792,711	168 957,439	15,655	15,190
53	45	93 480	10 296,393	158 164,728	15,361	14,896
54	46	92 910	9 816,460	147 868,335	15,063	14,598
55	47	92 275	9 351,891	138 051,875	14,762	14,297
56	48	91 576	8 902,704	128 699,984	14,456	13,991
57	49	90 805	8 467,868	119 797,279	14,147	13,682
58	50	89 957	8 046,804	111 329,412	13,835	13,370
59	51	89 022	7 638,524	103 282,608	13,521	13,056
60	52	88 004	7 243,308	95 644,084	13,204	12,739
61	53	86 906	6 861,364	88 400,776	12,884	12,419
62	54	85 716	6 491,533	81 539,412	12,561	12,096
63	55	84 422	6 132,865	75 047,879	12,237	11,772
64	56	83 043	5 786,729	68 915,014	11,909	11,444
65	57	81 561	5 451,770	63 128,285	11,579	11,114
66	58	79 987	5 128,597	57 676,515	11,246	10,781
67	59	78 332	4 817,762	52 547,917	10,907	10,442
68	60	76 555	4 516,463	47 730,156	10,568	10,103
69	61	74 718	4 228,391	43 213,693	10,220	9,755
70	62	72 766	3 950,089	38 985,302	9,869	9,404
71	63	70 704	3 681,654	35 035,213	9,516	9,051
72	64	68 525	3 422,738	31 353,558	9,160	8,695
73	65	66 247	3 174,050	27 930,820	8,800	8,335
74	66	63 857	2 934,796	24 756,770	8,436	7,970
75	67	61 342	2 704,279	21 821,974	8,069	7,604
76	68	58 680	2 481,460	19 117,695	7,704	7,239
77	69	55 894	2 267,299	16 636,235	7,337	6,872
78	70	52 989	2 061,847	14 368,937	6,969	6,504
79	71	49 923	1 863,351	12 307,090	6,605	6,140
80	72	46 680	1 671,264	10 443,739	6,249	5,784
81	73	43 312	1 487,465	8 772,474	5,898	5,432
82	74	39 804	1 311,272	7 285,010	5,556	5,090
83	75	36 198	1 143,856	5 973,738	5,222	4,757
84	76	32 497	985,030	4 829,882	4,903	4,438
85	77	28 757	836,148	3 844,852	4,598	4,133
86	78	25 038	698,324	3 008,705	4,308	3,843
87	79	21 414	572,894	2 310,381	4,033	3,568
88	80	17 955	460,770	1 737,487	3,771	3,306
89	81	14 718	362,306	1 276,717	3,524	3,059
90	82	11 784	278,255	914,411	3,286	2,821
91	83	9 181	207,962	636,156	3,059	2,594
92	84	6 898	149,866	428,194	2,857	2,392
93	85	4 991	104,025	278,327	2,676	2,210
94	86	3 483	69,627	174,302	2,503	2,038
95	87	2 305	44,208	104,675	2,368	1,903
96	88	1 480	27,216	60,467	2,222	1,757
97	89	900	15,885	33,251	2,093	1,628
98	90	518	8,766	17,366	1,981	1,516
99	91	282	4,574	8,600	1,880	1,415
100	92	144	2,248	4,026	1,791	1,326

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	68 441,915	1 553 112,635	22,692	22,227
10	1	99 229	65 445,307	1 484 670,720	22,686	22,220
11	2	99 199	62 757,940	1 419 225,413	22,614	22,149
12	3	99 178	60 186,919	1 356 467,473	22,538	22,072
13	4	99 158	57 721,854	1 296 280,554	22,457	21,992
14	5	99 140	55 358,356	1 238 558,699	22,373	21,908
15	6	99 120	53 091,145	1 183 200,343	22,286	21,821
16	7	99 099	50 915,752	1 130 109,198	22,196	21,730
17	8	99 069	48 825,063	1 079 193,446	22,103	21,638
18	9	99 033	46 817,962	1 030 368,382	22,008	21,543
19	10	98 989	44 889,195	983 550,420	21,911	21,445
20	11	98 942	43 038,650	938 661,225	21,810	21,345
21	12	98 890	41 262,395	895 622,575	21,706	21,240
22	13	98 838	39 559,405	854 360,180	21,597	21,132
23	14	98 785	37 926,305	814 800,775	21,484	21,019
24	15	98 729	36 359,627	776 874,470	21,366	20,901
25	16	98 669	34 856,119	740 514,843	21,245	20,780
26	17	98 608	33 414,324	705 658,724	21,118	20,653
27	18	98 546	32 032,231	672 244,401	20,986	20,521
28	19	98 474	30 703,893	640 212,169	20,851	20,386
29	20	98 405	29 431,323	609 508,276	20,710	20,244
30	21	98 330	28 210,095	580 076,953	20,563	20,098
31	22	98 257	27 039,976	551 866,859	20,409	19,944
32	23	98 173	25 915,288	524 826,883	20,252	19,786
33	24	98 082	24 835,985	498 911,595	20,088	19,623
34	25	97 996	23 802,533	474 075,610	19,917	19,452
35	26	97 899	22 809,526	450 273,077	19,741	19,275
36	27	97 793	21 855,964	427 463,551	19,558	19,093
37	28	97 685	20 941,777	405 607,587	19,368	18,903
38	29	97 569	20 064,208	384 665,810	19,172	18,707
39	30	97 442	19 221,069	364 601,602	18,969	18,504
40	31	97 306	18 411,885	345 380,533	18,759	18,293
41	32	97 153	17 633,455	326 968,648	18,543	18,077
42	33	96 991	16 886,319	309 335,193	18,319	17,853
43	34	96 812	16 168,014	292 448,874	18,088	17,623
44	35	96 615	15 477,433	276 280,860	17,851	17,385
45	36	96 403	14 813,835	260 803,427	17,605	17,140
46	37	96 161	14 174,217	245 989,592	17,355	16,890
47	38	95 907	13 560,422	231 815,375	17,095	16,630
48	39	95 612	12 967,666	218 254,953	16,831	16,365
49	40	95 289	12 396,979	205 287,287	16,559	16,094
50	41	94 925	11 846,120	192 890,308	16,283	15,818
51	42	94 519	11 314,574	181 044,188	16,001	15,536
52	43	94 076	10 802,432	169 729,614	15,712	15,247
53	44	93 575	10 306,906	158 927,182	15,419	14,954
54	45	93 013	9 827,388	148 620,276	15,123	14,658
55	46	92 392	9 363,781	138 792,888	14,822	14,357
56	47	91 707	8 915,485	129 429,107	14,517	14,052
57	48	90 950	8 481,434	120 513,622	14,209	13,744
58	49	90 120	8 061,407	112 032,188	13,897	13,432
59	50	89 198	7 653,607	103 970,781	13,585	13,119
60	51	88 198	7 259,342	96 317,174	13,268	12,803
61	52	87 120	6 878,252	89 057,832	12,948	12,483
62	53	85 951	6 509,324	82 179,580	12,625	12,160
63	54	84 677	6 151,378	75 670,256	12,301	11,836
64	55	83 319	5 805,967	69 518,878	11,974	11,508
65	56	81 857	5 471,571	63 712,911	11,644	11,179
66	57	80 307	5 149,154	58 241,340	11,311	10,846
67	58	78 679	4 839,105	53 092,186	10,971	10,506
68	59	76 926	4 538,383	48 253,081	10,632	10,167
69	60	75 123	4 251,310	43 714,698	10,283	9,817
70	61	73 176	3 972,315	39 463,388	9,935	9,469
71	62	71 136	3 704,163	35 491,073	9,581	9,116
72	63	68 979	3 445,424	31 786,910	9,226	8,761
73	64	66 733	3 197,350	28 341,486	8,864	8,399
74	65	64 372	2 958,500	25 144,135	8,499	8,034
75	66	61 882	2 728,110	22 185,635	8,132	7,667
76	67	59 254	2 505,751	19 457,525	7,765	7,300
77	68	56 471	2 290,698	16 951,774	7,400	6,935
78	69	53 588	2 085,143	14 661,076	7,031	6,566
79	70	50 539	1 886,333	12 575,933	6,667	6,202
80	71	47 313	1 693,947	10 689,600	6,310	5,845
81	72	43 945	1 509,211	8 995,653	5,960	5,495
82	73	40 430	1 331,893	7 486,442	5,621	5,156
83	74	36 828	1 163,766	6 154,549	5,288	4,823
84	75	33 128	1 004,177	4 990,783	4,970	4,505
85	76	29 399	854,805	3 986,606	4,664	4,199
86	77	25 665	715,827	3 131,801	4,375	3,910
87	78	22 033	589,458	2 415,974	4,099	3,633
88	79	18 566	476,456	1 826,516	3,834	3,368
89	80	15 306	376,778	1 350,060	3,583	3,118
90	81	12 327	291,081	973,282	3,344	2,878
91	82	9 668	218,986	682,201	3,115	2,650
92	83	7 323	159,108	463,215	2,911	2,446
93	84	5 351	111,522	304,108	2,727	2,262
94	85	3 774	75,454	192,586	2,552	2,087
95	86	2 530	48,522	117,133	2,414	1,949
96	87	1 646	30,280	68,611	2,266	1,801
97	88	1 017	17,946	38,330	2,136	1,671
98	89	596	10,087	20,385	2,021	1,556
99	90	331	5,368	10,298	1,918	1,453
100	91	173	2,700	4,930	1,826	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	65 646,438	1 485 795,411	22,633	22,168
11	1	99 221	62 772,444	1 420 148,973	22,624	22,159
12	2	99 190	60 194,087	1 357 376,529	22,550	22,085
13	3	99 170	57 728,732	1 297 182,442	22,470	22,005
14	4	99 149	55 363,390	1 239 453,710	22,388	21,922
15	5	99 128	53 095,127	1 184 090,319	22,301	21,836
16	6	99 106	50 919,104	1 130 995,192	22,212	21,746
17	7	99 073	48 827,470	1 080 076,088	22,120	21,655
18	8	99 040	46 820,861	1 031 248,618	22,025	21,560
19	9	98 995	44 892,100	984 427,757	21,929	21,464
20	10	98 948	43 041,201	939 535,657	21,829	21,364
21	11	98 897	41 265,468	896 494,456	21,725	21,260
22	12	98 846	39 562,535	855 228,988	21,617	21,152
23	13	98 793	37 929,556	815 666,453	21,505	21,040
24	14	98 739	36 363,443	777 736,897	21,388	20,923
25	15	98 681	34 860,480	741 373,454	21,267	20,802
26	16	98 622	33 419,039	706 512,974	21,141	20,676
27	17	98 561	32 036,922	673 093,935	21,010	20,545
28	18	98 494	30 710,147	641 057,013	20,874	20,409
29	19	98 424	29 437,005	610 346,866	20,734	20,269
30	20	98 348	28 215,320	580 909,861	20,588	20,123
31	21	98 273	27 044,453	552 694,542	20,437	19,971
32	22	98 190	25 919,773	525 650,088	20,280	19,815
33	23	98 104	24 841,375	499 730,315	20,117	19,652
34	24	98 013	23 806,570	474 888,941	19,948	19,483
35	25	97 917	22 813,780	451 082,370	19,772	19,307
36	26	97 812	21 860,218	428 268,590	19,591	19,126
37	27	97 706	20 946,352	406 408,372	19,402	18,937
38	28	97 593	20 069,213	385 462,020	19,207	18,741
39	29	97 467	19 226,044	365 392,807	19,005	18,540
40	30	97 335	18 417,354	346 166,763	18,796	18,330
41	31	97 184	17 639,085	327 749,410	18,581	18,116
42	32	97 024	16 892,182	310 110,324	18,358	17,893
43	33	96 846	16 173,773	293 218,143	18,129	17,664
44	34	96 653	15 483,488	277 044,370	17,893	17,428
45	35	96 442	14 819,800	261 560,882	17,649	17,184
46	36	96 206	14 180,865	246 741,081	17,400	16,934
47	37	95 951	13 566,666	232 560,216	17,142	16,677
48	38	95 668	12 975,265	218 993,551	16,878	16,413
49	39	95 346	12 404,368	206 018,285	16,609	16,143
50	40	94 989	11 854,165	193 613,917	16,333	15,868
51	41	94 591	11 323,212	181 759,751	16,052	15,587
52	42	94 154	10 811,404	170 436,540	15,765	15,299
53	43	93 659	10 316,190	159 625,136	15,473	15,008
54	44	93 108	9 837,422	149 308,946	15,178	14,712
55	45	92 495	9 374,205	139 471,524	14,878	14,413
56	46	91 824	8 926,820	130 097,319	14,574	14,109
57	47	91 081	8 493,610	121 170,500	14,266	13,801
58	48	90 265	8 074,322	112 676,889	13,955	13,490
59	49	89 360	7 667,496	104 602,567	13,642	13,177
60	50	88 373	7 273,676	96 935,071	13,327	12,862
61	51	87 313	6 893,478	89 661,394	13,007	12,541
62	52	86 163	6 525,345	82 767,916	12,684	12,219
63	53	84 909	6 168,237	76 242,571	12,361	11,895
64	54	83 570	5 823,493	70 074,334	12,033	11,568
65	55	82 129	5 489,761	64 250,841	11,704	11,239
66	56	80 599	5 167,856	58 761,080	11,370	10,905
67	57	78 995	4 858,501	53 593,224	11,031	10,566
68	58	77 267	4 558,488	48 734,722	10,691	10,226
69	59	75 487	4 271,943	44 176,234	10,341	9,876
70	60	73 573	3 993,846	39 904,291	9,991	9,526
71	61	71 536	3 725,005	35 910,445	9,640	9,175
72	62	69 401	3 466,489	32 185,440	9,285	8,820
73	63	67 176	3 218,543	28 718,951	8,923	8,458
74	64	64 845	2 980,218	25 500,408	8,557	8,091
75	65	62 382	2 750,145	22 520,190	8,189	7,724
76	66	59 776	2 527,833	19 770,046	7,821	7,356
77	67	57 024	2 313,122	17 242,212	7,454	6,989
78	68	54 141	2 106,662	14 929,090	7,087	6,621
79	69	51 110	1 907,646	12 822,429	6,722	6,256
80	70	47 897	1 714,840	10 914,783	6,365	5,900
81	71	44 542	1 529,695	9 199,943	6,014	5,549
82	72	41 021	1 351,365	7 670,249	5,676	5,211
83	73	37 407	1 182,068	6 318,883	5,346	4,880
84	74	33 705	1 021,656	5 136,815	5,028	4,563
85	75	29 970	871,420	4 115,160	4,722	4,257
86	76	26 238	731,799	3 243,739	4,433	3,967
87	77	22 585	604,233	2 511,940	4,157	3,692
88	78	19 103	490,232	1 907,707	3,891	3,426
89	79	15 827	389,605	1 417,475	3,638	3,173
90	80	12 819	302,707	1 027,871	3,396	2,930
91	81	10 114	229,080	725,163	3,166	2,700
92	82	7 711	167,542	496,083	2,961	2,496
93	83	5 681	118,399	328,542	2,775	2,310
94	84	4 046	80,891	210,143	2,598	2,133
95	85	2 742	52,582	129,252	2,458	1,993
96	86	1 807	33,235	76,670	2,307	1,842
97	87	1 132	19,966	43,434	2,175	1,710
98	88	673	11,395	23,468	2,059	1,594
99	89	380	6,177	12,073	1,954	1,489
100	90	203	3,168	5,896	1,861	1,396

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
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11	0	99 526	62 965,361	1 421 188,273	22,571	22,106
12	1	99 213	60 207,999	1 358 222,911	22,559	22,094
13	2	99 182	57 735,607	1 298 014,912	22,482	22,017
14	3	99 161	55 369,987	1 240 279,305	22,400	21,935
15	4	99 137	53 099,956	1 184 909,318	22,315	21,849
16	5	99 113	50 922,923	1 131 809,363	22,226	21,761
17	6	99 080	48 830,685	1 080 886,440	22,135	21,670
18	7	99 044	46 823,169	1 032 055,755	22,042	21,576
19	8	99 002	44 894,880	985 232,586	21,945	21,480
20	9	98 954	43 043,986	940 337,706	21,846	21,381
21	10	98 903	41 267,914	897 293,721	21,743	21,278
22	11	98 853	39 565,481	856 025,807	21,636	21,170
23	12	98 801	37 932,557	816 460,325	21,524	21,059
24	13	98 748	36 366,560	778 527,768	21,408	20,943
25	14	98 692	34 864,139	742 161,208	21,287	20,822
26	15	98 634	33 423,221	707 297,069	21,162	20,697
27	16	98 575	32 041,443	673 873,849	21,031	20,566
28	17	98 509	30 714,644	641 832,406	20,897	20,431
29	18	98 444	29 443,001	611 117,762	20,756	20,291
30	19	98 367	28 220,767	581 674,761	20,612	20,146
31	20	98 292	27 049,462	553 453,994	20,461	19,996
32	21	98 206	25 924,065	526 404,532	20,306	19,840
33	22	98 121	24 845,674	500 480,467	20,144	19,678
34	23	98 034	23 811,737	475 634,793	19,975	19,510
35	24	97 934	22 817,649	451 823,056	19,801	19,336
36	25	97 830	21 864,295	429 005,407	19,621	19,156
37	26	97 725	20 950,429	407 141,112	19,434	18,968
38	27	97 615	20 073,598	386 190,684	19,239	18,774
39	28	97 491	19 230,840	366 117,086	19,038	18,573
40	29	97 360	18 422,121	346 886,246	18,830	18,365
41	30	97 213	17 644,325	328 464,125	18,616	18,151
42	31	97 055	16 897,575	310 819,800	18,394	17,929
43	32	96 880	16 179,388	293 922,225	18,166	17,701
44	33	96 687	15 489,003	277 742,837	17,932	17,466
45	34	96 480	14 825,599	262 253,834	17,689	17,224
46	35	96 245	14 186,575	247 428,235	17,441	16,976
47	36	95 996	13 573,029	233 241,660	17,184	16,719
48	37	95 712	12 981,240	219 668,631	16,922	16,457
49	38	95 402	12 411,637	206 687,391	16,653	16,187
50	39	95 046	11 861,231	194 275,754	16,379	15,914
51	40	94 655	11 330,902	182 414,523	16,099	15,634
52	41	94 226	10 819,658	171 083,621	15,812	15,347
53	42	93 737	10 324,758	160 263,963	15,522	15,057
54	43	93 192	9 846,283	149 939,206	15,228	14,763
55	44	92 589	9 383,776	140 092,922	14,929	14,464
56	45	91 926	8 936,757	130 709,146	14,626	14,161
57	46	91 197	8 504,409	121 772,389	14,319	13,854
58	47	90 394	8 085,914	113 267,981	14,008	13,543
59	48	89 503	7 679,780	105 182,067	13,696	13,231
60	49	88 533	7 286,876	97 502,286	13,381	12,915
61	50	87 485	6 907,090	90 215,410	13,061	12,596
62	51	86 353	6 539,790	83 308,320	12,739	12,273
63	52	85 118	6 183,419	76 768,530	12,415	11,950
64	53	83 799	5 839,453	70 585,111	12,088	11,622
65	54	82 377	5 506,333	64 745,658	11,758	11,293
66	55	80 867	5 185,036	59 239,325	11,425	10,960
67	56	79 282	4 876,148	54 054,288	11,085	10,620
68	57	77 577	4 576,760	49 178,141	10,745	10,280
69	58	75 822	4 290,868	44 601,381	10,394	9,929
70	59	73 930	4 013,230	40 310,512	10,044	9,579
71	60	71 924	3 745,196	36 297,283	9,692	9,226
72	61	69 792	3 485,993	32 552,087	9,338	8,873
73	62	67 586	3 238,220	29 066,094	8,976	8,511
74	63	65 275	2 999,971	25 827,874	8,609	8,144
75	64	62 840	2 770,333	22 827,902	8,240	7,775
76	65	60 259	2 548,250	20 057,570	7,871	7,406
77	66	57 526	2 333,506	17 509,319	7,503	7,038
78	67	54 671	2 127,285	15 175,813	7,134	6,669
79	68	51 638	1 927,333	13 048,529	6,770	6,305
80	69	48 438	1 734,215	11 121,196	6,413	5,948
81	70	45 091	1 548,562	9 386,981	6,062	5,597
82	71	41 578	1 369,706	7 838,419	5,723	5,257
83	72	37 954	1 199,350	6 468,713	5,394	4,928
84	73	34 235	1 037,723	5 269,364	5,078	4,613
85	74	30 492	886,589	4 231,641	4,773	4,308
86	75	26 748	746,024	3 345,053	4,484	4,019
87	76	23 089	617,715	2 599,028	4,207	3,742
88	77	19 582	502,519	1 981,313	3,943	3,478
89	78	16 284	400,869	1 478,794	3,689	3,224
90	79	13 256	313,013	1 077,925	3,444	2,978
91	80	10 518	238,230	764,912	3,211	2,746
92	81	8 067	175,264	526,682	3,005	2,540
93	82	5 982	124,675	351,418	2,819	2,353
94	83	4 296	85,879	226,743	2,640	2,175
95	84	2 940	56,372	140,864	2,499	2,034
96	85	1 958	36,017	84,492	2,346	1,881
97	86	1 242	21,914	48,476	2,212	1,747
98	87	749	12,678	26,561	2,095	1,630
99	88	430	6,978	13,883	1,989	1,524
100	89	234	3,646	6,905	1,894	1,429

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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12	0	99 518	60 393,035	1 359 183,552	22,506	22,040
13	1	99 205	57 748,951	1 298 790,518	22,490	22,025
14	2	99 172	55 376,581	1 241 041,567	22,411	21,946
15	3	99 149	53 106,283	1 185 664,986	22,326	21,861
16	4	99 122	50 927,554	1 132 558,703	22,239	21,773
17	5	99 087	48 834,347	1 081 631,150	22,149	21,684
18	6	99 051	46 826,251	1 032 796,802	22,056	21,591
19	7	99 006	44 897,093	985 970,551	21,961	21,495
20	8	98 960	43 046,651	941 073,458	21,862	21,396
21	9	98 909	41 270,584	898 026,807	21,759	21,294
22	10	98 859	39 567,826	856 756,223	21,653	21,188
23	11	98 808	37 935,383	817 188,397	21,542	21,076
24	12	98 756	36 369,437	779 253,014	21,426	20,961
25	13	98 700	34 867,127	742 883,577	21,306	20,841
26	14	98 644	33 426,728	708 016,449	21,181	20,716
27	15	98 587	32 045,452	674 589,721	21,051	20,586
28	16	98 523	30 718,978	642 544,269	20,917	20,452
29	17	98 458	29 447,312	611 825,290	20,777	20,312
30	18	98 387	28 226,515	582 377,978	20,632	20,167
31	19	98 311	27 054,684	554 151,463	20,483	20,017
32	20	98 224	25 928,866	527 096,779	20,329	19,863
33	21	98 137	24 849,788	501 167,913	20,168	19,703
34	22	98 051	23 815,858	476 318,125	20,000	19,535
35	23	97 955	22 822,601	452 502,266	19,827	19,362
36	24	97 847	21 868,003	429 679,665	19,649	19,184
37	25	97 744	20 954,336	407 811,662	19,462	18,997
38	26	97 634	20 077,504	386 857,326	19,268	18,803
39	27	97 512	19 235,042	366 779,822	19,068	18,603
40	28	97 385	18 426,716	347 544,780	18,861	18,396
41	29	97 238	17 648,892	329 118,064	18,648	18,183
42	30	97 084	16 902,594	311 469,172	18,427	17,962
43	31	96 911	16 184,554	294 566,578	18,200	17,735
44	32	96 721	15 494,380	278 382,025	17,967	17,501
45	33	96 514	14 830,879	262 887,644	17,726	17,260
46	34	96 282	14 192,126	248 056,765	17,478	17,013
47	35	96 034	13 578,494	233 864,639	17,223	16,758
48	36	95 757	12 987,329	220 286,145	16,962	16,496
49	37	95 446	12 417,352	207 298,816	16,694	16,229
50	38	95 102	11 868,182	194 881,464	16,420	15,955
51	39	94 711	11 337,656	183 013,282	16,142	15,677
52	40	94 290	10 827,006	171 675,626	15,856	15,391
53	41	93 809	10 332,640	160 848,620	15,567	15,102
54	42	93 270	9 854,461	150 515,980	15,274	14,809
55	43	92 673	9 392,229	140 661,520	14,976	14,511
56	44	92 020	8 945,882	131 269,291	14,674	14,208
57	45	91 298	8 513,876	122 323,409	14,368	13,902
58	46	90 509	8 096,194	113 809,533	14,057	13,592
59	47	89 631	7 690,806	105 713,339	13,745	13,280
60	48	88 675	7 298,551	98 022,534	13,430	12,965
61	49	87 644	6 919,624	90 723,983	13,111	12,646
62	50	86 524	6 552,704	83 804,359	12,789	12,324
63	51	85 306	6 197,107	77 251,655	12,466	12,001
64	52	84 006	5 853,826	71 054,548	12,138	11,673
65	53	82 603	5 521,424	65 200,722	11,809	11,343
66	54	81 111	5 200,688	59 679,298	11,475	11,010
67	55	79 545	4 892,358	54 478,610	11,135	10,670
68	56	77 858	4 593,383	49 586,252	10,795	10,330
69	57	76 126	4 308,067	44 992,869	10,444	9,979
70	58	74 257	4 031,009	40 684,801	10,093	9,628
71	59	72 273	3 763,373	36 653,793	9,740	9,274
72	60	70 170	3 504,888	32 890,420	9,384	8,919
73	61	67 967	3 256,440	29 385,532	9,024	8,559
74	62	65 674	3 018,312	26 129,091	8,657	8,192
75	63	63 257	2 788,695	23 110,779	8,287	7,822
76	64	60 701	2 566,956	20 322,084	7,917	7,452
77	65	57 991	2 352,354	17 755,128	7,548	7,083
78	66	55 153	2 146,031	15 402,774	7,177	6,712
79	67	52 143	1 946,200	13 256,743	6,812	6,346
80	68	48 938	1 752,112	11 310,543	6,455	5,990
81	69	45 600	1 566,058	9 558,431	6,103	5,638
82	70	42 091	1 386,600	7 992,373	5,764	5,299
83	71	38 469	1 215,627	6 605,773	5,434	4,969
84	72	34 736	1 052,894	5 390,146	5,119	4,654
85	73	30 972	900,531	4 337,252	4,816	4,351
86	74	27 214	759,010	3 436,720	4,528	4,063
87	75	23 538	629,722	2 677,711	4,252	3,787
88	76	20 018	513,732	2 047,988	3,986	3,521
89	77	16 693	410,917	1 534,256	3,734	3,269
90	78	13 639	322,063	1 123,339	3,488	3,023
91	79	10 876	246,340	801,277	3,253	2,788
92	80	8 389	182,265	554,937	3,045	2,579
93	81	6 258	130,422	372,672	2,857	2,392
94	82	4 523	90,432	242,250	2,679	2,214
95	83	3 121	59,848	151,818	2,537	2,072
96	84	2 099	38,612	91,971	2,382	1,917
97	85	1 346	23,748	53,359	2,247	1,782
98	86	822	13,915	29,611	2,128	1,663
99	87	478	7,764	15,695	2,022	1,556
100	88	264	4,119	7,931	1,926	1,460

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	57 926,429	1 299 678,725	22,437	21,971
14	1	99 195	55 389,379	1 241 752,296	22,419	21,953
15	2	99 160	53 112,607	1 186 362,916	22,337	21,872
16	3	99 134	50 933,622	1 133 250,309	22,250	21,784
17	4	99 096	48 838,788	1 082 316,687	22,161	21,696
18	5	99 058	46 829,763	1 033 477,899	22,069	21,604
19	6	99 013	44 900,049	986 648,136	21,974	21,509
20	7	98 965	43 048,773	941 748,088	21,876	21,411
21	8	98 916	41 273,140	898 699,315	21,774	21,309
22	9	98 865	39 570,387	857 426,175	21,668	21,203
23	10	98 814	37 937,631	817 855,789	21,558	21,093
24	11	98 763	36 372,146	779 918,158	21,443	20,978
25	12	98 708	34 869,886	743 546,011	21,323	20,858
26	13	98 653	33 429,594	708 676,125	21,199	20,734
27	14	98 597	32 048,815	675 246,531	21,069	20,604
28	15	98 535	30 722,822	643 197,716	20,936	20,470
29	16	98 472	29 451,468	612 474,894	20,796	20,331
30	17	98 402	28 230,648	583 023,426	20,652	20,187
31	18	98 331	27 060,195	554 792,778	20,502	20,037
32	19	98 243	25 933,872	527 732,583	20,349	19,884
33	20	98 155	24 854,391	501 798,711	20,190	19,724
34	21	98 067	23 819,802	476 944,320	20,023	19,558
35	22	97 972	22 826,551	453 124,519	19,851	19,386
36	23	97 868	21 872,749	430 297,967	19,673	19,208
37	24	97 760	20 957,890	408 425,218	19,488	19,023
38	25	97 652	20 081,249	387 467,329	19,295	18,830
39	26	97 531	19 238,785	367 386,080	19,096	18,631
40	27	97 406	18 430,742	348 147,295	18,889	18,424
41	28	97 262	17 653,294	329 716,553	18,677	18,212
42	29	97 109	16 906,969	312 063,258	18,458	17,992
43	30	96 939	16 189,361	295 156,289	18,231	17,766
44	31	96 752	15 499,328	278 966,928	17,999	17,533
45	32	96 547	14 836,028	263 467,601	17,759	17,293
46	33	96 317	14 197,181	248 631,573	17,513	17,048
47	34	96 072	13 583,807	234 434,392	17,258	16,793
48	35	95 796	12 992,558	220 850,585	16,998	16,533
49	36	95 490	12 423,177	207 858,027	16,731	16,266
50	37	95 145	11 873,646	195 434,850	16,460	15,994
51	38	94 767	11 344,300	183 561,204	16,181	15,716
52	39	94 346	10 833,459	172 216,904	15,897	15,432
53	40	93 872	10 339,657	161 383,444	15,608	15,143
54	41	93 341	9 861,984	151 043,787	15,316	14,851
55	42	92 750	9 400,029	141 181,803	15,019	14,554
56	43	92 103	8 953,940	131 781,774	14,718	14,253
57	44	91 392	8 522,569	122 827,834	14,412	13,947
58	45	90 610	8 105,206	114 305,265	14,103	13,637
59	46	89 745	7 700,583	106 200,058	13,791	13,326
60	47	88 802	7 309,029	98 499,475	13,476	13,011
61	48	87 784	6 930,711	91 190,447	13,157	12,692
62	49	86 681	6 564,595	84 259,736	12,835	12,370
63	50	85 475	6 209,344	77 695,141	12,513	12,047
64	51	84 191	5 866,785	71 485,798	12,185	11,720
65	52	82 806	5 535,014	65 619,013	11,855	11,390
66	53	81 334	5 214,941	60 083,999	11,522	11,056
67	54	79 785	4 907,127	54 869,057	11,182	10,716
68	55	78 117	4 608,653	49 961,931	10,841	10,376
69	56	76 402	4 323,714	45 353,278	10,489	10,024
70	57	74 555	4 047,166	41 029,563	10,138	9,673
71	58	72 593	3 780,045	36 982,397	9,784	9,318
72	59	70 510	3 521,899	33 202,352	9,427	8,962
73	60	68 335	3 274,091	29 680,453	9,065	8,600
74	61	66 043	3 035,295	26 406,362	8,700	8,235
75	62	63 643	2 805,744	23 371,067	8,330	7,865
76	63	61 104	2 583,970	20 565,323	7,959	7,494
77	64	58 417	2 369,622	17 981,352	7,588	7,123
78	65	55 598	2 163,364	15 611,731	7,216	6,751
79	66	52 603	1 963,351	13 448,366	6,850	6,384
80	67	49 417	1 769,264	11 485,015	6,491	6,026
81	68	46 071	1 582,220	9 715,751	6,141	5,675
82	69	42 566	1 402,266	8 133,531	5,800	5,335
83	70	38 944	1 230,621	6 731,265	5,470	5,005
84	71	35 207	1 067,184	5 500,644	5,154	4,689
85	72	31 424	913,697	4 433,460	4,852	4,387
86	73	27 642	770,946	3 519,763	4,566	4,100
87	74	23 948	640,684	2 748,817	4,290	3,825
88	75	20 408	523,718	2 108,134	4,025	3,560
89	76	17 065	420,086	1 584,416	3,772	3,306
90	77	13 981	330,135	1 164,330	3,527	3,062
91	78	11 190	253,463	834,195	3,291	2,826
92	79	8 674	188,470	580,732	3,081	2,616
93	80	6 508	135,631	392,263	2,892	2,427
94	81	4 732	94,600	256,632	2,713	2,248
95	82	3 286	63,020	162,032	2,571	2,106
96	83	2 228	40,993	99,012	2,415	1,950
97	84	1 443	25,460	58,019	2,279	1,814
98	85	891	15,080	32,559	2,159	1,694
99	86	525	8,522	17,479	2,051	1,586
100	87	294	4,582	8,957	1,955	1,490

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	55 559,606	1 242 573,797	22,365	21,899
15	1	99 183	53 124,882	1 187 014,191	22,344	21,879
16	2	99 146	50 939,688	1 133 889,309	22,259	21,794
17	3	99 108	48 844,607	1 082 949,621	22,171	21,706
18	4	99 067	46 834,022	1 034 105,014	22,080	21,615
19	5	99 020	44 903,416	987 270,992	21,987	21,521
20	6	98 972	43 051,607	942 367,576	21,889	21,424
21	7	98 920	41 275,174	899 315,969	21,788	21,323
22	8	98 871	39 572,837	858 040,795	21,683	21,217
23	9	98 821	37 940,086	818 467,958	21,573	21,107
24	10	98 769	36 374,302	780 527,872	21,458	20,993
25	11	98 715	34 872,484	744 153,570	21,339	20,874
26	12	98 660	33 432,239	709 281,087	21,215	20,750
27	13	98 606	32 051,563	675 848,848	21,086	20,621
28	14	98 545	30 726,046	643 797,285	20,953	20,488
29	15	98 484	29 455,153	613 071,239	20,814	20,348
30	16	98 416	28 234,632	583 616,086	20,670	20,205
31	17	98 345	27 064,158	555 381,454	20,521	20,056
32	18	98 263	25 939,154	528 317,296	20,368	19,902
33	19	98 174	24 859,189	502 378,142	20,209	19,744
34	20	98 085	23 824,213	477 518,953	20,043	19,578
35	21	97 988	22 830,331	453 694,740	19,872	19,407
36	22	97 885	21 876,535	430 864,409	19,695	19,230
37	23	97 781	20 962,438	408 987,874	19,511	19,045
38	24	97 669	20 084,655	388 025,436	19,319	18,854
39	25	97 550	19 242,373	367 940,782	19,121	18,656
40	26	97 425	18 434,329	348 698,409	18,916	18,450
41	27	97 284	17 657,151	330 264,080	18,704	18,239
42	28	97 133	16 911,187	312 606,929	18,485	18,020
43	29	96 965	16 193,551	295 695,742	18,260	17,795
44	30	96 781	15 503,931	279 502,190	18,028	17,563
45	31	96 578	14 840,765	263 998,259	17,789	17,324
46	32	96 350	14 202,109	249 157,494	17,544	17,078
47	33	96 106	13 588,645	234 955,384	17,291	16,825
48	34	95 833	12 997,642	221 366,739	17,031	16,566
49	35	95 529	12 428,179	208 369,097	16,766	16,301
50	36	95 190	11 879,216	195 940,918	16,494	16,029
51	37	94 811	11 349,523	184 061,703	16,218	15,752
52	38	94 401	10 839,808	172 712,179	15,933	15,468
53	39	93 928	10 345,820	161 872,371	15,646	15,181
54	40	93 404	9 868,682	151 526,551	15,354	14,889
55	41	92 821	9 407,205	141 657,869	15,058	14,593
56	42	92 179	8 961,376	132 250,664	14,758	14,293
57	43	91 474	8 530,246	123 289,288	14,453	13,988
58	44	90 702	8 113,483	114 759,042	14,144	13,679
59	45	89 845	7 709,155	106 645,559	13,834	13,368
60	46	88 915	7 318,321	98 936,404	13,519	13,054
61	47	87 910	6 940,660	91 618,083	13,200	12,735
62	48	86 820	6 575,112	84 677,423	12,878	12,413
63	49	85 630	6 220,612	78 102,311	12,555	12,090
64	50	84 358	5 878,369	71 881,699	12,228	11,763
65	51	82 990	5 547,267	66 003,330	11,898	11,433
66	52	81 534	5 227,777	60 456,063	11,564	11,099
67	53	80 004	4 920,575	55 228,286	11,224	10,759
68	54	78 353	4 622,566	50 307,711	10,883	10,418
69	55	76 656	4 338,088	45 685,145	10,531	10,066
70	56	74 826	4 061,865	41 347,057	10,179	9,714
71	57	72 884	3 795,196	37 285,191	9,824	9,359
72	58	70 823	3 537,502	33 489,995	9,467	9,002
73	59	68 667	3 289,982	29 952,494	9,104	8,639
74	60	66 401	3 051,747	26 662,512	8,737	8,272
75	61	64 001	2 821,531	23 610,765	8,368	7,903
76	62	61 477	2 599,768	20 789,234	7,997	7,531
77	63	58 804	2 385,328	18 189,466	7,626	7,160
78	64	56 007	2 179,245	15 804,138	7,252	6,787
79	65	53 027	1 979,209	13 624,892	6,884	6,419
80	66	49 853	1 784,856	11 645,684	6,525	6,060
81	67	46 522	1 597,709	9 860,828	6,172	5,707
82	68	43 006	1 416,738	8 263,120	5,832	5,367
83	69	39 384	1 244,525	6 846,381	5,501	5,036
84	70	35 641	1 080,346	5 601,857	5,185	4,720
85	71	31 851	926,098	4 521,510	4,882	4,417
86	72	28 046	782,217	3 595,413	4,596	4,131
87	73	24 324	650,759	2 813,195	4,323	3,858
88	74	20 763	532,834	2 162,436	4,058	3,593
89	75	17 397	428,251	1 629,602	3,805	3,340
90	76	14 293	337,501	1 201,351	3,560	3,094
91	77	11 471	259,816	863,850	3,325	2,860
92	78	8 925	193,919	604,034	3,115	2,650
93	79	6 729	140,248	410,115	2,924	2,459
94	80	4 921	98,378	269,866	2,743	2,278
95	81	3 438	65,925	171,488	2,601	2,136
96	82	2 347	43,166	105,563	2,446	1,980
97	83	1 532	27,030	62,397	2,308	1,843
98	84	955	16,167	35,368	2,188	1,722
99	85	569	9,235	19,201	2,079	1,614
100	86	323	5,029	9,966	1,982	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	53 288,149	1 187 774,246	22,290	21,824
16	1	99 168	50 951,460	1 134 486,096	22,266	21,801
17	2	99 120	48 850,424	1 083 534,636	22,181	21,715
18	3	99 079	46 839,602	1 034 684,212	22,090	21,625
19	4	99 029	44 907,500	987 844,609	21,997	21,532
20	5	98 979	43 054,836	942 937,110	21,901	21,436
21	6	98 927	41 277,891	899 882,274	21,801	21,335
22	7	98 876	39 574,787	858 604,383	21,696	21,231
23	8	98 827	37 942,435	819 029,595	21,586	21,121
24	9	98 775	36 376,656	781 087,160	21,472	21,007
25	10	98 721	34 874,550	744 710,505	21,354	20,889
26	11	98 668	33 434,729	709 835,955	21,230	20,765
27	12	98 614	32 054,099	676 401,226	21,102	20,637
28	13	98 554	30 728,680	644 347,127	20,969	20,504
29	14	98 495	29 458,244	613 618,447	20,830	20,365
30	15	98 428	28 238,165	584 160,203	20,687	20,222
31	16	98 359	27 067,977	555 922,038	20,538	20,073
32	17	98 277	25 942,953	528 854,061	20,385	19,920
33	18	98 194	24 864,252	502 911,108	20,226	19,761
34	19	98 104	23 828,813	478 046,856	20,062	19,596
35	20	98 006	22 834,559	454 218,043	19,892	19,426
36	21	97 901	21 880,157	431 383,483	19,716	19,251
37	22	97 798	20 966,066	409 503,326	19,532	19,067
38	23	97 690	20 089,014	388 537,260	19,341	18,876
39	24	97 566	19 245,636	368 448,247	19,145	18,679
40	25	97 443	18 437,767	349 202,610	18,940	18,474
41	26	97 302	17 660,587	330 764,843	18,729	18,264
42	27	97 155	16 914,882	313 104,256	18,511	18,045
43	28	96 989	16 197,591	296 189,375	18,286	17,821
44	29	96 806	15 507,945	279 991,783	18,055	17,590
45	30	96 607	14 845,173	264 483,839	17,816	17,351
46	31	96 381	14 206,644	249 638,666	17,572	17,107
47	32	96 140	13 593,363	235 432,022	17,320	16,854
48	33	95 867	13 002,271	221 838,659	17,062	16,596
49	34	95 566	12 433,042	208 836,388	16,797	16,332
50	35	95 228	11 883,999	196 403,346	16,527	16,061
51	36	94 855	11 354,847	184 519,347	16,250	15,785
52	37	94 445	10 844,799	173 164,500	15,968	15,502
53	38	93 983	10 351,883	162 319,701	15,680	15,215
54	39	93 460	9 874,564	151 967,818	15,390	14,925
55	40	92 884	9 413,594	142 093,254	15,094	14,629
56	41	92 250	8 968,218	132 679,660	14,794	14,329
57	42	91 550	8 537,330	123 711,442	14,491	14,025
58	43	90 784	8 120,791	115 174,112	14,183	13,717
59	44	89 937	7 717,027	107 053,321	13,872	13,407
60	45	89 014	7 326,468	99 336,294	13,559	13,093
61	46	88 022	6 949,484	92 009,826	13,240	12,775
62	47	86 945	6 584,552	85 060,342	12,918	12,453
63	48	85 767	6 230,578	78 475,791	12,595	12,130
64	49	84 511	5 889,037	72 245,212	12,268	11,803
65	50	83 153	5 558,220	66 356,176	11,938	11,473
66	51	81 714	5 239,350	60 797,956	11,604	11,139
67	52	80 201	4 932,686	55 558,606	11,263	10,798
68	53	78 568	4 635,234	50 625,919	10,922	10,457
69	54	76 888	4 351,184	45 990,685	10,570	10,104
70	55	75 074	4 075,369	41 639,502	10,217	9,752
71	56	73 149	3 808,980	37 564,133	9,862	9,397
72	57	71 107	3 551,681	33 755,152	9,504	9,039
73	58	68 971	3 304,557	30 203,471	9,140	8,675
74	59	66 724	3 066,559	26 898,915	8,772	8,306
75	60	64 348	2 836,824	23 832,356	8,401	7,936
76	61	61 823	2 614,396	20 995,532	8,031	7,566
77	62	59 163	2 399,911	18 381,136	7,659	7,194
78	63	56 378	2 193,689	15 981,225	7,285	6,820
79	64	53 417	1 993,738	13 787,535	6,915	6,450
80	65	50 255	1 799,272	11 793,797	6,555	6,090
81	66	46 932	1 611,788	9 994,526	6,201	5,736
82	67	43 427	1 430,607	8 382,737	5,860	5,394
83	68	39 790	1 257,368	6 952,131	5,529	5,064
84	69	36 044	1 092,553	5 694,762	5,212	4,747
85	70	32 244	937,520	4 602,209	4,909	4,444
86	71	28 427	792,834	3 664,689	4,622	4,157
87	72	24 680	660,273	2 871,856	4,349	3,884
88	73	21 089	541,214	2 211,583	4,086	3,621
89	74	17 700	435,706	1 670,369	3,834	3,368
90	75	14 571	344,062	1 234,664	3,588	3,123
91	76	11 727	265,613	890,602	3,353	2,888
92	77	9 149	198,780	624,989	3,144	2,679
93	78	6 924	144,303	426,209	2,954	2,488
94	79	5 088	101,728	281,906	2,771	2,306
95	80	3 575	68,558	180,178	2,628	2,163
96	81	2 455	45,156	111,620	2,472	2,007
97	82	1 613	28,462	66,464	2,335	1,870
98	83	1 014	17,164	38,002	2,214	1,749
99	84	610	9,900	20,839	2,105	1,640
100	85	350	5,450	10,938	2,007	1,542

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	51 108,048	1 135 189,529	22,212	21,746
17	1	99 143	48 861,714	1 084 081,481	22,187	21,722
18	2	99 091	46 845,181	1 035 219,767	22,099	21,634
19	3	99 041	44 912,850	988 374,586	22,006	21,541
20	4	98 988	43 058,751	943 461,736	21,911	21,446
21	5	98 934	41 280,987	900 402,985	21,812	21,346
22	6	98 883	39 577,393	859 121,997	21,707	21,242
23	7	98 832	37 944,306	819 544,605	21,599	21,133
24	8	98 781	36 378,908	781 600,299	21,485	21,020
25	9	98 728	34 876,807	745 221,391	21,367	20,902
26	10	98 674	33 436,710	710 344,585	21,244	20,779
27	11	98 621	32 056,486	676 907,874	21,116	20,651
28	12	98 562	30 731,112	644 851,388	20,984	20,518
29	13	98 503	29 460,770	614 120,276	20,845	20,380
30	14	98 438	28 241,129	584 659,507	20,702	20,237
31	15	98 371	27 071,364	556 418,378	20,554	20,089
32	16	98 291	25 946,614	529 347,015	20,401	19,936
33	17	98 209	24 867,893	503 400,401	20,243	19,778
34	18	98 124	23 833,666	478 532,508	20,078	19,613
35	19	98 025	22 838,968	454 698,841	19,909	19,444
36	20	97 919	21 884,209	431 859,873	19,734	19,269
37	21	97 814	20 969,538	409 975,664	19,551	19,086
38	22	97 707	20 092,491	389 006,126	19,361	18,896
39	23	97 587	19 249,813	368 913,636	19,165	18,699
40	24	97 460	18 440,894	349 663,822	18,961	18,496
41	25	97 321	17 663,881	331 222,929	18,751	18,286
42	26	97 174	16 918,173	313 559,048	18,534	18,069
43	27	97 010	16 201,130	296 640,874	18,310	17,845
44	28	96 830	15 511,813	280 439,744	18,079	17,614
45	29	96 632	14 849,016	264 927,931	17,841	17,376
46	30	96 409	14 210,864	250 078,915	17,598	17,133
47	31	96 170	13 597,703	235 868,052	17,346	16,881
48	32	95 901	13 006,785	222 270,348	17,089	16,624
49	33	95 600	12 437,470	209 263,563	16,825	16,360
50	34	95 266	11 888,649	196 826,093	16,556	16,091
51	35	94 893	11 359,419	184 937,445	16,281	15,815
52	36	94 489	10 849,886	173 578,026	15,998	15,533
53	37	94 027	10 356,649	162 728,140	15,712	15,247
54	38	93 515	9 880,351	152 371,490	15,422	14,956
55	39	92 939	9 419,205	142 491,140	15,128	14,663
56	40	92 313	8 974,309	133 071,934	14,828	14,363
57	41	91 620	8 543,848	124 097,626	14,525	14,060
58	42	90 860	8 127,535	115 553,778	14,218	13,752
59	43	90 018	7 723,978	107 426,243	13,908	13,443
60	44	89 105	7 333,949	99 702,265	13,595	13,129
61	45	88 120	6 957,220	92 368,316	13,277	12,811
62	46	87 055	6 592,923	85 411,096	12,955	12,490
63	47	85 890	6 239,523	78 818,173	12,632	12,167
64	48	84 646	5 898,472	72 578,650	12,305	11,839
65	49	83 304	5 568,307	66 680,178	11,975	11,510
66	50	81 876	5 249,695	61 111,872	11,641	11,176
67	51	80 379	4 943,606	55 862,177	11,300	10,835
68	52	78 761	4 646,643	50 918,571	10,958	10,493
69	53	77 098	4 363,109	46 271,928	10,605	10,140
70	54	75 301	4 087,671	41 908,819	10,252	9,787
71	55	73 392	3 821,643	37 821,148	9,897	9,431
72	56	71 365	3 564,581	33 999,505	9,538	9,073
73	57	69 247	3 317,802	30 434,924	9,173	8,708
74	58	67 019	3 080,144	27 117,122	8,804	8,339
75	59	64 661	2 850,593	24 036,978	8,432	7,967
76	60	62 158	2 628,567	21 186,385	8,060	7,595
77	61	59 496	2 413,415	18 557,819	7,689	7,224
78	62	56 722	2 207,101	16 144,404	7,315	6,850
79	63	53 771	2 006,952	13 937,303	6,945	6,479
80	64	50 624	1 812,480	11 930,351	6,582	6,117
81	65	47 311	1 624,807	10 117,871	6,227	5,762
82	66	43 809	1 443,214	8 493,064	5,885	5,420
83	67	40 180	1 269,677	7 049,850	5,552	5,087
84	68	36 416	1 103,828	5 780,173	5,236	4,771
85	69	32 608	948,113	4 676,345	4,932	4,467
86	70	28 777	802,612	3 728,233	4,645	4,180
87	71	25 015	669,234	2 925,620	4,372	3,906
88	72	21 398	549,126	2 256,386	4,109	3,644
89	73	17 978	442,558	1 707,260	3,858	3,392
90	74	14 824	350,051	1 264,702	3,613	3,148
91	75	11 955	270,776	914,652	3,378	2,913
92	76	9 353	203,215	643,876	3,168	2,703
93	77	7 097	147,920	440,661	2,979	2,514
94	78	5 236	104,669	292,740	2,797	2,332
95	79	3 697	70,892	188,072	2,653	2,188
96	80	2 553	46,959	117,179	2,495	2,030
97	81	1 687	29,774	70,220	2,358	1,893
98	82	1 068	18,073	40,446	2,238	1,773
99	83	647	10,511	22,372	2,129	1,663
100	84	375	5,843	11,862	2,030	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	49 011,880	1 084 732,701	22,132	21,667
18	1	99 114	46 856,007	1 035 720,822	22,104	21,639
19	2	99 053	44 918,199	988 864,815	22,015	21,550
20	3	99 000	43 063,882	943 946,615	21,920	21,454
21	4	98 943	41 284,741	900 882,734	21,821	21,356
22	5	98 890	39 580,361	859 597,993	21,718	21,253
23	6	98 838	37 946,803	820 017,632	21,610	21,144
24	7	98 786	36 380,701	782 070,828	21,497	21,032
25	8	98 734	34 878,966	745 690,127	21,379	20,914
26	9	98 680	33 438,874	710 811,161	21,257	20,792
27	10	98 627	32 058,386	677 372,287	21,129	20,664
28	11	98 569	30 733,401	645 313,901	20,997	20,532
29	12	98 511	29 463,101	614 580,500	20,859	20,394
30	13	98 447	28 243,550	585 117,400	20,717	20,252
31	14	98 382	27 074,205	556 873,850	20,568	20,103
32	15	98 304	25 949,860	529 799,645	20,416	19,951
33	16	98 222	24 871,403	503 849,785	20,258	19,793
34	17	98 139	23 837,156	478 978,382	20,094	19,629
35	18	98 045	22 843,620	455 141,226	19,924	19,459
36	19	97 938	21 888,434	432 297,606	19,750	19,285
37	20	97 833	20 973,421	410 409,172	19,568	19,103
38	21	97 723	20 095,818	389 435,750	19,379	18,914
39	22	97 604	19 253,145	369 339,933	19,183	18,718
40	23	97 481	18 444,896	350 086,788	18,980	18,515
41	24	97 337	17 666,877	331 641,892	18,772	18,307
42	25	97 192	16 921,329	313 975,015	18,555	18,090
43	26	97 029	16 204,283	297 053,686	18,332	17,867
44	27	96 851	15 515,202	280 849,404	18,102	17,636
45	28	96 656	14 852,720	265 334,201	17,864	17,399
46	29	96 434	14 214,542	250 481,482	17,621	17,156
47	30	96 199	13 601,742	236 266,939	17,370	16,905
48	31	95 931	13 010,938	222 665,197	17,114	16,648
49	32	95 633	12 441,788	209 654,259	16,851	16,386
50	33	95 299	11 892,883	197 212,471	16,582	16,117
51	34	94 930	11 363,863	185 319,588	16,308	15,843
52	35	94 527	10 854,254	173 955,725	16,027	15,561
53	36	94 071	10 361,507	163 101,470	15,741	15,276
54	37	93 558	9 884,900	152 739,963	15,452	14,987
55	38	92 993	9 424,725	142 855,063	15,157	14,692
56	39	92 368	8 979,658	133 430,338	14,859	14,394
57	40	91 682	8 549,650	124 450,680	14,556	14,091
58	41	90 929	8 133,740	115 901,029	14,249	13,784
59	42	90 093	7 730,393	107 767,290	13,941	13,476
60	43	89 185	7 340,555	100 036,897	13,628	13,163
61	44	88 210	6 964,324	92 696,342	13,310	12,845
62	45	87 152	6 600,262	85 732,018	12,989	12,524
63	46	85 999	6 247,455	79 131,756	12,666	12,201
64	47	84 768	5 906,940	72 884,300	12,339	11,874
65	48	83 438	5 577,228	66 977,361	12,009	11,544
66	49	82 024	5 259,222	61 400,133	11,675	11,210
67	50	80 537	4 953,367	56 140,911	11,334	10,869
68	51	78 935	4 656,929	51 187,544	10,992	10,526
69	52	77 288	4 373,848	46 530,614	10,638	10,173
70	53	75 507	4 098,874	42 156,767	10,285	9,820
71	54	73 614	3 833,180	38 057,893	9,929	9,463
72	55	71 602	3 576,431	34 224,713	9,570	9,104
73	56	69 499	3 329,852	30 648,282	9,204	8,739
74	57	67 288	3 092,490	27 318,430	8,834	8,369
75	58	64 947	2 863,221	24 225,940	8,461	7,996
76	59	62 460	2 641,324	21 362,719	8,088	7,623
77	60	59 819	2 426,496	18 721,394	7,715	7,250
78	61	57 042	2 219,520	16 294,899	7,342	6,876
79	62	54 099	2 019,222	14 075,379	6,971	6,505
80	63	50 960	1 824,493	12 056,157	6,608	6,143
81	64	47 658	1 636,734	10 231,664	6,251	5,786
82	65	44 163	1 454,871	8 594,930	5,908	5,442
83	66	40 534	1 280,866	7 140,059	5,574	5,109
84	67	36 772	1 114,634	5 859,193	5,257	4,791
85	68	32 945	957,897	4 744,559	4,953	4,488
86	69	29 102	811,680	3 786,662	4,665	4,200
87	70	25 323	677,489	2 974,981	4,391	3,926
88	71	21 688	556,579	2 297,493	4,128	3,663
89	72	18 241	449,028	1 740,914	3,877	3,412
90	73	15 058	355,556	1 291,886	3,633	3,168
91	74	12 163	275,489	936,330	3,399	2,934
92	75	9 535	207,165	660,841	3,190	2,725
93	76	7 256	151,221	453,676	3,000	2,535
94	77	5 367	107,292	302,455	2,819	2,354
95	78	3 804	72,942	195,163	2,676	2,210
96	79	2 640	48,558	122,221	2,517	2,052
97	80	1 755	30,964	73,663	2,379	1,914
98	81	1 117	18,906	42,700	2,258	1,793
99	82	682	11,068	23,793	2,150	1,685
100	83	398	6,203	12,725	2,051	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	47 000,009	1 036 323,882	22,049	21,584
19	1	99 076	44 928,580	989 323,874	22,020	21,555
20	2	99 012	43 069,010	944 395,294	21,927	21,462
21	3	98 955	41 289,660	901 326,283	21,829	21,364
22	4	98 899	39 583,960	860 036,623	21,727	21,262
23	5	98 846	37 949,649	820 452,662	21,620	21,154
24	6	98 793	36 383,096	782 503,013	21,507	21,042
25	7	98 739	34 880,686	746 119,917	21,391	20,925
26	8	98 686	33 440,944	711 239,231	21,269	20,803
27	9	98 633	32 060,460	677 798,287	21,141	20,676
28	10	98 575	30 735,222	645 737,826	21,010	20,544
29	11	98 518	29 465,295	615 002,604	20,872	20,407
30	12	98 454	28 245,784	585 537,309	20,730	20,265
31	13	98 390	27 076,526	557 291,525	20,582	20,117
32	14	98 314	25 952,584	530 214,999	20,430	19,965
33	15	98 235	24 874,515	504 262,416	20,272	19,807
34	16	98 153	23 840,520	479 387,901	20,108	19,643
35	17	98 060	22 846,965	455 547,381	19,939	19,474
36	18	97 958	21 892,893	432 700,416	19,764	19,299
37	19	97 851	20 977,471	410 807,523	19,583	19,118
38	20	97 741	20 099,539	389 830,052	19,395	18,930
39	21	97 620	19 256,333	369 730,513	19,200	18,735
40	22	97 498	18 448,089	350 474,180	18,998	18,533
41	23	97 358	17 670,711	332 026,092	18,790	18,324
42	24	97 208	16 924,198	314 355,380	18,574	18,109
43	25	97 047	16 207,305	297 431,182	18,352	17,886
44	26	96 870	15 518,221	281 223,877	18,122	17,657
45	27	96 677	14 855,965	265 705,656	17,885	17,420
46	28	96 458	14 218,088	250 849,691	17,643	17,178
47	29	96 224	13 605,263	236 631,603	17,393	16,927
48	30	95 960	13 014,803	223 026,340	17,136	16,671
49	31	95 664	12 445,761	210 011,537	16,874	16,409
50	32	95 333	11 897,012	197 565,777	16,606	16,141
51	33	94 964	11 367,911	185 668,765	16,333	15,867
52	34	94 564	10 858,501	174 300,854	16,052	15,587
53	35	94 109	10 365,679	163 442,352	15,768	15,302
54	36	93 602	9 889,537	153 076,673	15,479	15,013
55	37	93 036	9 429,065	143 187,136	15,186	14,721
56	38	92 422	8 984,920	133 758,072	14,887	14,422
57	39	91 737	8 554,746	124 773,152	14,585	14,120
58	40	90 991	8 139,264	116 218,405	14,279	13,814
59	41	90 161	7 736,295	108 079,141	13,970	13,505
60	42	89 259	7 346,651	100 342,847	13,658	13,193
61	43	88 290	6 970,597	92 996,196	13,341	12,876
62	44	87 241	6 607,001	86 025,599	13,020	12,555
63	45	86 095	6 254,410	79 418,597	12,698	12,233
64	46	84 876	5 914,449	73 164,187	12,370	11,905
65	47	83 558	5 585,235	67 249,738	12,041	11,575
66	48	82 156	5 267,648	61 664,503	11,706	11,241
67	49	80 683	4 962,356	56 396,855	11,365	10,900
68	50	79 091	4 666,125	51 434,499	11,023	10,558
69	51	77 459	4 383,530	46 768,374	10,669	10,204
70	52	75 693	4 108,963	42 384,844	10,315	9,850
71	53	73 816	3 843,685	38 275,881	9,958	9,493
72	54	71 818	3 587,227	34 432,197	9,599	9,133
73	55	69 730	3 340,922	30 844,970	9,232	8,767
74	56	67 532	3 103,722	27 504,047	8,862	8,396
75	57	65 207	2 874,698	24 400,325	8,488	8,023
76	58	62 737	2 653,026	21 525,628	8,114	7,648
77	59	60 109	2 438,273	18 872,602	7,740	7,275
78	60	57 351	2 231,550	16 434,329	7,365	6,899
79	61	54 404	2 030,584	14 202,779	6,994	6,529
80	62	51 271	1 835,648	12 172,196	6,631	6,166
81	63	47 974	1 647,582	10 336,548	6,274	5,809
82	64	44 488	1 465,551	8 688,966	5,929	5,464
83	65	40 861	1 291,211	7 223,415	5,594	5,129
84	66	37 096	1 124,456	5 932,204	5,276	4,810
85	67	33 267	967,274	4 807,747	4,970	4,505
86	68	29 403	820,057	3 840,473	4,683	4,218
87	69	25 609	685,143	3 020,416	4,408	3,943
88	70	21 956	563,444	2 335,272	4,145	3,679
89	71	18 488	455,122	1 771,829	3,893	3,428
90	72	15 278	360,754	1 316,707	3,650	3,185
91	73	12 354	279,821	955,953	3,416	2,951
92	74	9 701	210,771	676,132	3,208	2,743
93	75	7 397	154,160	465,360	3,019	2,553
94	76	5 487	109,686	311,200	2,837	2,372
95	77	3 899	74,770	201,514	2,695	2,230
96	78	2 716	49,962	126,744	2,537	2,072
97	79	1 815	32,018	76,782	2,398	1,933
98	80	1 162	19,662	44,764	2,277	1,811
99	81	713	11,578	25,102	2,168	1,703
100	82	419	6,532	13,524	2,070	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	45 066,658	989 882,483	21,965	21,500
20	1	99 035	43 078,964	944 815,825	21,932	21,467
21	2	98 967	41 294,578	901 736,861	21,837	21,371
22	3	98 911	39 588,677	860 442,283	21,735	21,269
23	4	98 855	37 953,101	820 853,606	21,628	21,163
24	5	98 800	36 385,825	782 900,506	21,517	21,051
25	6	98 745	34 882,982	746 514,681	21,401	20,935
26	7	98 691	33 442,593	711 631,699	21,279	20,814
27	8	98 639	32 062,445	678 189,106	21,152	20,687
28	9	98 581	30 737,211	646 126,660	21,021	20,556
29	10	98 524	29 467,041	615 389,449	20,884	20,419
30	11	98 462	28 247,888	585 922,408	20,742	20,277
31	12	98 398	27 078,668	557 674,520	20,595	20,129
32	13	98 322	25 954,808	530 595,852	20,443	19,978
33	14	98 245	24 877,125	504 641,044	20,285	19,820
34	15	98 165	23 843,503	479 763,918	20,121	19,656
35	16	98 074	22 850,189	455 920,415	19,953	19,487
36	17	97 973	21 896,099	433 070,226	19,778	19,313
37	18	97 871	20 981,743	411 174,127	19,597	19,132
38	19	97 760	20 103,420	390 192,384	19,409	18,944
39	20	97 638	19 259,899	370 088,964	19,216	18,750
40	21	97 514	18 451,143	350 829,065	19,014	18,549
41	22	97 375	17 673,770	332 377,922	18,806	18,341
42	23	97 229	16 927,871	314 704,152	18,591	18,126
43	24	97 063	16 210,054	297 776,281	18,370	17,905
44	25	96 888	15 521,116	281 566,227	18,141	17,676
45	26	96 696	14 858,856	266 045,112	17,905	17,440
46	27	96 479	14 221,194	251 186,256	17,663	17,198
47	28	96 248	13 608,657	236 965,061	17,413	16,948
48	29	95 984	13 018,171	223 356,404	17,157	16,692
49	30	95 692	12 449,457	210 338,233	16,895	16,430
50	31	95 363	11 900,811	197 888,776	16,628	16,163
51	32	94 997	11 371,858	185 987,965	16,355	15,890
52	33	94 598	10 862,369	174 616,107	16,075	15,610
53	34	94 145	10 369,735	163 753,738	15,792	15,326
54	35	93 639	9 893,518	153 384,003	15,503	15,038
55	36	93 080	9 433,487	143 490,485	15,211	14,746
56	37	92 464	8 989,057	134 056,997	14,913	14,448
57	38	91 790	8 559,760	125 067,940	14,611	14,146
58	39	91 045	8 144,115	116 508,181	14,306	13,841
59	40	90 223	7 741,549	108 364,065	13,998	13,533
60	41	89 327	7 352,260	100 622,516	13,686	13,221
61	42	88 363	6 976,386	93 270,257	13,369	12,904
62	43	87 320	6 612,953	86 293,870	13,049	12,584
63	44	86 183	6 260,796	79 680,918	12,727	12,262
64	45	84 970	5 921,033	73 420,122	12,400	11,935
65	46	83 664	5 592,335	67 499,088	12,070	11,605
66	47	82 274	5 275,210	61 906,753	11,735	11,270
67	48	80 813	4 970,307	56 631,543	11,394	10,929
68	49	79 235	4 674,593	51 661,236	11,051	10,586
69	50	77 612	4 392,186	46 986,643	10,698	10,233
70	51	75 861	4 118,059	42 594,458	10,343	9,878
71	52	73 997	3 853,146	38 476,399	9,986	9,520
72	53	72 015	3 597,058	34 623,254	9,625	9,160
73	54	69 940	3 351,008	31 026,196	9,259	8,794
74	55	67 757	3 114,040	27 675,188	8,887	8,422
75	56	65 444	2 885,139	24 561,148	8,513	8,048
76	57	62 988	2 663,660	21 676,009	8,138	7,672
77	58	60 375	2 449,074	19 012,350	7,763	7,298
78	59	57 629	2 242,381	16 563,275	7,386	6,921
79	60	54 699	2 041,590	14 320,895	7,015	6,549
80	61	51 560	1 845,976	12 279,305	6,652	6,187
81	62	48 268	1 657,655	10 433,329	6,294	5,829
82	63	44 782	1 475,264	8 775,673	5,949	5,483
83	64	41 161	1 300,690	7 300,409	5,613	5,148
84	65	37 396	1 133,538	5 999,719	5,293	4,828
85	66	33 560	975,798	4 866,180	4,987	4,522
86	67	29 690	828,085	3 890,382	4,698	4,233
87	68	25 874	692,214	3 062,297	4,424	3,959
88	69	22 204	569,810	2 370,083	4,159	3,694
89	70	18 716	460,735	1 800,273	3,907	3,442
90	71	15 485	365,650	1 339,538	3,663	3,198
91	72	12 534	283,912	973,888	3,430	2,965
92	73	9 853	214,086	689,975	3,223	2,758
93	74	7 526	156,844	475,890	3,034	2,569
94	75	5 593	111,818	319,046	2,853	2,388
95	76	3 986	76,438	207,228	2,711	2,246
96	77	2 784	51,214	130,789	2,554	2,089
97	78	1 867	32,943	79,575	2,416	1,950
98	79	1 201	20,331	46,631	2,294	1,828
99	80	742	12,041	26,300	2,184	1,719
100	81	439	6,833	14,260	2,087	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	43 211,358	945 333,394	21,877	21,412
21	1	98 990	41 304,121	902 122,037	21,841	21,376
22	2	98 923	39 593,392	860 817,915	21,741	21,276
23	3	98 866	37 957,623	821 224,524	21,635	21,170
24	4	98 809	36 389,134	783 266,901	21,525	21,060
25	5	98 752	34 885,598	746 877,767	21,409	20,944
26	6	98 698	33 444,795	711 992,169	21,289	20,823
27	7	98 644	32 064,026	678 547,375	21,162	20,697
28	8	98 587	30 739,114	646 483,348	21,031	20,566
29	9	98 530	29 468,948	615 744,235	20,895	20,429
30	10	98 468	28 249,562	586 275,287	20,753	20,288
31	11	98 405	27 080,685	558 025,724	20,606	20,141
32	12	98 330	25 956,862	530 945,039	20,455	19,990
33	13	98 253	24 879,258	504 988,177	20,298	19,832
34	14	98 175	23 846,006	480 108,920	20,134	19,669
35	15	98 086	22 853,048	456 262,914	19,965	19,500
36	16	97 987	21 899,189	433 409,866	19,791	19,326
37	17	97 886	20 984,816	411 510,677	19,610	19,145
38	18	97 780	20 107,515	390 525,861	19,422	18,957
39	19	97 657	19 263,618	370 418,347	19,229	18,764
40	20	97 532	18 454,560	351 154,729	19,028	18,563
41	21	97 391	17 676,696	332 700,169	18,821	18,356
42	22	97 246	16 930,801	315 023,473	18,607	18,141
43	23	97 084	16 213,572	298 092,671	18,385	17,920
44	24	96 904	15 523,748	281 879,100	18,158	17,693
45	25	96 714	14 861,627	266 355,352	17,922	17,457
46	26	96 498	14 223,962	251 493,725	17,681	17,216
47	27	96 269	13 611,630	237 269,763	17,431	16,966
48	28	96 008	13 021,419	223 658,133	17,176	16,711
49	29	95 717	12 452,680	210 636,714	16,915	16,450
50	30	95 391	11 904,345	198 184,034	16,648	16,183
51	31	95 027	11 375,489	186 279,689	16,376	15,910
52	32	94 630	10 866,140	174 904,200	16,096	15,631
53	33	94 179	10 373,429	164 038,060	15,813	15,348
54	34	93 676	9 897,390	153 664,631	15,526	15,061
55	35	93 117	9 437,286	143 767,242	15,234	14,769
56	36	92 508	8 993,273	134 329,956	14,937	14,471
57	37	91 833	8 563,701	125 336,683	14,636	14,171
58	38	91 098	8 148,888	116 772,982	14,330	13,865
59	39	90 276	7 746,163	108 624,094	14,023	13,558
60	40	89 388	7 357,253	100 877,931	13,711	13,246
61	41	88 430	6 981,713	93 520,678	13,395	12,930
62	42	87 392	6 618,445	86 538,965	13,075	12,610
63	43	86 261	6 266,436	79 920,521	12,754	12,289
64	44	85 057	5 927,079	73 654,085	12,427	11,961
65	45	83 757	5 598,561	67 727,006	12,097	11,632
66	46	82 378	5 281,917	62 128,445	11,762	11,297
67	47	80 929	4 977,442	56 846,528	11,421	10,956
68	48	79 362	4 682,082	51 869,086	11,078	10,613
69	49	77 753	4 400,156	47 187,004	10,724	10,259
70	50	76 011	4 126,190	42 786,848	10,370	9,904
71	51	74 161	3 861,675	38 660,658	10,011	9,546
72	52	72 192	3 605,912	34 798,983	9,651	9,185
73	53	70 132	3 360,191	31 193,071	9,283	8,818
74	54	67 961	3 123,440	27 832,880	8,911	8,446
75	55	65 662	2 894,730	24 709,439	8,536	8,071
76	56	63 217	2 673,334	21 814,709	8,160	7,695
77	57	60 617	2 458,891	19 141,375	7,785	7,319
78	58	57 884	2 252,315	16 682,484	7,407	6,942
79	59	54 964	2 051,499	14 430,169	7,034	6,569
80	60	51 839	1 855,982	12 378,671	6,670	6,204
81	61	48 539	1 666,982	10 522,689	6,312	5,847
82	62	45 056	1 484,284	8 855,707	5,966	5,501
83	63	41 434	1 309,311	7 371,423	5,630	5,165
84	64	37 671	1 141,860	6 062,112	5,309	4,844
85	65	33 831	983,680	4 920,252	5,002	4,537
86	66	29 952	835,382	3 936,572	4,712	4,247
87	67	26 127	698,990	3 101,190	4,437	3,971
88	68	22 433	575,690	2 402,200	4,173	3,708
89	69	18 928	465,941	1 826,509	3,920	3,455
90	70	15 676	370,160	1 360,569	3,676	3,210
91	71	12 705	287,766	990,409	3,442	2,977
92	72	9 997	217,216	702,643	3,235	2,770
93	73	7 644	159,310	485,427	3,047	2,582
94	74	5 691	113,765	326,117	2,867	2,401
95	75	4 063	77,924	212,352	2,725	2,260
96	76	2 846	52,357	134,428	2,568	2,102
97	77	1 914	33,769	82,071	2,430	1,965
98	78	1 236	20,919	48,302	2,309	1,844
99	79	767	12,450	27,383	2,199	1,734
100	80	456	7,106	14,933	2,101	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	41 431,060	902 601,703	21,786	21,320
22	1	98 946	39 602,542	861 170,642	21,745	21,280
23	2	98 878	37 962,143	821 568,100	21,642	21,177
24	3	98 821	36 393,470	783 605,957	21,531	21,066
25	4	98 761	34 888,771	747 212,487	21,417	20,952
26	5	98 705	33 447,303	712 323,717	21,297	20,832
27	6	98 651	32 066,137	678 876,414	21,171	20,706
28	7	98 592	30 740,629	646 810,277	21,041	20,576
29	8	98 537	29 470,773	616 069,648	20,904	20,439
30	9	98 474	28 251,390	586 598,875	20,764	20,298
31	10	98 411	27 082,290	558 347,485	20,617	20,151
32	11	98 337	25 958,795	531 265,195	20,466	20,000
33	12	98 261	24 881,226	505 306,400	20,309	19,844
34	13	98 184	23 848,050	480 425,173	20,145	19,680
35	14	98 096	22 855,447	456 577,123	19,977	19,512
36	15	97 999	21 901,929	433 721,677	19,803	19,338
37	16	97 900	20 987,777	411 819,748	19,622	19,157
38	17	97 794	20 110,459	390 831,971	19,434	18,969
39	18	97 677	19 267,541	370 721,512	19,241	18,776
40	19	97 551	18 458,123	351 453,971	19,041	18,575
41	20	97 409	17 679,970	332 995,847	18,835	18,369
42	21	97 262	16 933,605	315 315,878	18,621	18,155
43	22	97 101	16 216,378	298 382,273	18,400	17,935
44	23	96 925	15 527,117	282 165,895	18,172	17,707
45	24	96 730	14 864,148	266 638,778	17,938	17,473
46	25	96 516	14 226,615	251 774,630	17,697	17,232
47	26	96 287	13 614,279	237 548,015	17,448	16,983
48	27	96 029	13 024,264	223 933,737	17,194	16,728
49	28	95 741	12 455,786	210 909,473	16,933	16,467
50	29	95 416	11 907,427	198 453,687	16,666	16,201
51	30	95 056	11 378,867	186 546,260	16,394	15,929
52	31	94 661	10 869,610	175 167,392	16,115	15,650
53	32	94 212	10 377,030	164 297,783	15,833	15,368
54	33	93 709	9 900,915	153 920,753	15,546	15,081
55	34	93 154	9 440,978	144 019,838	15,255	14,790
56	35	92 545	8 996,895	134 578,860	14,958	14,493
57	36	91 876	8 567,718	125 581,965	14,658	14,192
58	37	91 140	8 152,640	117 014,248	14,353	13,888
59	38	90 329	7 750,703	108 861,608	14,045	13,580
60	39	89 441	7 361,638	101 110,905	13,735	13,270
61	40	88 491	6 986,454	93 749,267	13,419	12,954
62	41	87 459	6 623,497	86 762,813	13,099	12,634
63	42	86 332	6 271,640	80 139,315	12,778	12,313
64	43	85 133	5 932,418	73 867,675	12,452	11,986
65	44	83 842	5 604,277	67 935,257	12,122	11,657
66	45	82 470	5 287,797	62 330,980	11,788	11,322
67	46	81 032	4 983,770	57 043,183	11,446	10,981
68	47	79 476	4 688,803	52 059,413	11,103	10,638
69	48	77 877	4 407,206	47 370,610	10,748	10,283
70	49	76 148	4 133,678	42 963,404	10,394	9,928
71	50	74 308	3 869,300	38 829,726	10,035	9,570
72	51	72 352	3 613,894	34 960,426	9,674	9,209
73	52	70 305	3 368,462	31 346,532	9,306	8,841
74	53	68 148	3 132,000	27 978,070	8,933	8,468
75	54	65 860	2 903,469	24 846,069	8,557	8,092
76	55	63 427	2 682,221	21 942,601	8,181	7,716
77	56	60 837	2 467,822	19 260,379	7,805	7,339
78	57	58 116	2 261,342	16 792,557	7,426	6,961
79	58	55 208	2 060,587	14 531,215	7,052	6,587
80	59	52 091	1 864,989	12 470,628	6,687	6,221
81	60	48 802	1 676,018	10 605,638	6,328	5,863
82	61	45 310	1 492,635	8 929,621	5,982	5,517
83	62	41 687	1 317,316	7 436,985	5,646	5,180
84	63	37 920	1 149,428	6 119,669	5,324	4,859
85	64	34 080	990,901	4 970,241	5,016	4,551
86	65	30 194	842,130	3 979,341	4,725	4,260
87	66	26 357	705,150	3 137,211	4,449	3,984
88	67	22 652	581,326	2 432,061	4,184	3,718
89	68	19 123	470,750	1 850,735	3,931	3,466
90	69	15 853	374,342	1 379,985	3,686	3,221
91	70	12 861	291,315	1 005,643	3,452	2,987
92	71	10 133	220,164	714,328	3,245	2,779
93	72	7 756	161,639	494,165	3,057	2,592
94	73	5 780	115,554	332,525	2,878	2,412
95	74	4 134	79,281	216,971	2,737	2,272
96	75	2 902	53,375	137,691	2,580	2,114
97	76	1 957	34,523	84,316	2,442	1,977
98	77	1 267	21,443	49,793	2,322	1,857
99	78	789	12,810	28,350	2,213	1,748
100	79	472	7,348	15,540	2,115	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	39 724,252	861 615,295	21,690	21,225
23	1	98 901	37 970,917	821 891,044	21,645	21,180
24	2	98 833	36 397,804	783 920,127	21,538	21,072
25	3	98 773	34 892,928	747 522,323	21,423	20,958
26	4	98 714	33 450,345	712 629,395	21,304	20,839
27	5	98 658	32 068,542	679 179,051	21,179	20,714
28	6	98 599	30 742,653	647 110,509	21,049	20,584
29	7	98 541	29 472,226	616 367,856	20,914	20,448
30	8	98 480	28 253,139	586 895,630	20,773	20,308
31	9	98 417	27 084,042	558 642,491	20,626	20,161
32	10	98 343	25 960,334	531 558,449	20,476	20,011
33	11	98 268	24 883,080	505 598,115	20,319	19,854
34	12	98 191	23 849,937	480 715,035	20,156	19,691
35	13	98 105	22 857,406	456 865,099	19,988	19,522
36	14	98 009	21 904,227	434 007,693	19,814	19,349
37	15	97 912	20 990,403	412 103,466	19,633	19,168
38	16	97 808	20 113,297	391 113,062	19,445	18,980
39	17	97 691	19 270,363	370 999,765	19,252	18,787
40	18	97 571	18 461,883	351 729,402	19,052	18,586
41	19	97 428	17 683,383	333 267,520	18,846	18,381
42	20	97 280	16 936,741	315 584,136	18,633	18,168
43	21	97 117	16 219,063	298 647,396	18,413	17,948
44	22	96 942	15 529,804	282 428,333	18,186	17,721
45	23	96 751	14 867,374	266 898,528	17,952	17,487
46	24	96 533	14 229,028	252 031,154	17,712	17,247
47	25	96 305	13 616,818	237 802,127	17,464	16,999
48	26	96 048	13 026,798	224 185,309	17,210	16,744
49	27	95 762	12 458,507	211 158,510	16,949	16,484
50	28	95 440	11 910,397	198 700,003	16,683	16,218
51	29	95 080	11 381,813	186 789,606	16,411	15,946
52	30	94 689	10 872,838	175 407,793	16,133	15,667
53	31	94 242	10 380,343	164 534,955	15,851	15,385
54	32	93 742	9 904,352	154 154,612	15,564	15,099
55	33	93 187	9 444,341	144 250,260	15,274	14,809
56	34	92 581	9 000,415	134 805,919	14,978	14,513
57	35	91 913	8 571,167	125 805,504	14,678	14,213
58	36	91 183	8 156,464	117 234,337	14,373	13,908
59	37	90 371	7 754,271	109 077,872	14,067	13,602
60	38	89 494	7 365,952	101 323,601	13,756	13,290
61	39	88 543	6 990,619	93 957,649	13,441	12,975
62	40	87 518	6 627,996	86 967,030	13,121	12,656
63	41	86 398	6 276,428	80 339,035	12,800	12,335
64	42	85 204	5 937,345	74 062,607	12,474	12,009
65	43	83 918	5 609,325	68 125,262	12,145	11,680
66	44	82 554	5 293,196	62 515,936	11,811	11,345
67	45	81 122	4 989,318	57 222,740	11,469	11,004
68	46	79 577	4 694,765	52 233,423	11,126	10,661
69	47	77 989	4 413,533	47 538,658	10,771	10,306
70	48	76 270	4 140,301	43 125,125	10,416	9,951
71	49	74 442	3 876,322	38 984,825	10,057	9,592
72	50	72 495	3 621,030	35 108,503	9,696	9,231
73	51	70 460	3 375,919	31 487,473	9,327	8,862
74	52	68 315	3 139,709	28 111,554	8,954	8,488
75	53	66 041	2 911,426	24 971,845	8,577	8,112
76	54	63 619	2 690,318	22 060,419	8,200	7,735
77	55	61 040	2 476,026	19 370,100	7,823	7,358
78	56	58 328	2 269,556	16 894,074	7,444	6,979
79	57	55 429	2 068,847	14 624,519	7,069	6,604
80	58	52 322	1 873,252	12 555,672	6,703	6,237
81	59	49 039	1 684,152	10 682,421	6,343	5,878
82	60	45 555	1 500,726	8 998,268	5,996	5,531
83	61	41 922	1 324,728	7 497,543	5,660	5,194
84	62	38 152	1 156,455	6 172,815	5,338	4,872
85	63	34 306	997,469	5 016,359	5,029	4,564
86	64	30 416	848,312	4 018,891	4,738	4,272
87	65	26 570	710,846	3 170,579	4,460	3,995
88	66	22 852	586,449	2 459,734	4,194	3,729
89	67	19 310	475,358	1 873,285	3,941	3,476
90	68	16 017	378,205	1 397,927	3,696	3,231
91	69	13 007	294,606	1 019,722	3,461	2,996
92	70	10 258	222,879	725,115	3,253	2,788
93	71	7 861	163,833	502,236	3,066	2,600
94	72	5 865	117,243	338,403	2,886	2,421
95	73	4 199	80,527	221,160	2,746	2,281
96	74	2 952	54,304	140,632	2,590	2,125
97	75	1 995	35,194	86,329	2,453	1,988
98	76	1 295	21,922	51,135	2,333	1,867
99	77	809	13,132	29,213	2,225	1,759
100	78	485	7,561	16,082	2,127	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	38 087,612	822 303,347	21,590	21,125
24	1	98 856	36 406,216	784 215,735	21,541	21,075
25	2	98 785	34 897,083	747 809,520	21,429	20,964
26	3	98 726	33 454,330	712 912,437	21,310	20,845
27	4	98 667	32 071,458	679 458,106	21,186	20,721
28	5	98 606	30 744,959	647 386,648	21,057	20,591
29	6	98 548	29 474,166	616 641,690	20,921	20,456
30	7	98 485	28 254,532	587 167,524	20,781	20,316
31	8	98 423	27 085,719	558 912,992	20,635	20,170
32	9	98 350	25 962,014	531 827,272	20,485	20,020
33	10	98 274	24 884,554	505 865,259	20,328	19,863
34	11	98 199	23 851,713	480 980,704	20,165	19,700
35	12	98 112	22 859,214	457 128,991	19,998	19,532
36	13	98 017	21 906,105	434 269,777	19,824	19,359
37	14	97 922	20 992,606	412 363,672	19,643	19,178
38	15	97 820	20 115,814	391 371,066	19,456	18,991
39	16	97 705	19 273,082	371 255,252	19,263	18,798
40	17	97 585	18 464,586	351 982,170	19,063	18,597
41	18	97 448	17 686,985	333 517,583	18,857	18,391
42	19	97 299	16 940,011	315 830,598	18,644	18,179
43	20	97 135	16 222,067	298 890,588	18,425	17,960
44	21	96 958	15 532,376	282 668,521	18,199	17,733
45	22	96 768	14 869,947	267 136,145	17,965	17,500
46	23	96 554	14 232,116	252 266,198	17,725	17,260
47	24	96 322	13 619,127	238 034,082	17,478	17,013
48	25	96 066	13 029,228	224 414,955	17,224	16,759
49	26	95 781	12 460,932	211 385,727	16,964	16,499
50	27	95 461	11 912,999	198 924,795	16,698	16,233
51	28	95 104	11 384,652	187 011,796	16,427	15,961
52	29	94 713	10 875,652	175 627,144	16,149	15,683
53	30	94 270	10 383,427	164 751,491	15,867	15,402
54	31	93 772	9 907,514	154 368,065	15,581	15,116
55	32	93 219	9 447,620	144 460,551	15,291	14,825
56	33	92 614	9 003,620	135 012,931	14,995	14,530
57	34	91 949	8 574,521	126 009,310	14,696	14,231
58	35	91 220	8 159,748	117 434,789	14,392	13,927
59	36	90 413	7 757,909	109 275,041	14,086	13,620
60	37	89 535	7 369,344	101 517,132	13,776	13,310
61	38	88 595	6 994,715	94 147,789	13,460	12,995
62	39	87 570	6 631,947	87 153,074	13,141	12,676
63	40	86 457	6 280,691	80 521,127	12,820	12,355
64	41	85 269	5 941,878	74 240,436	12,494	12,029
65	42	83 988	5 613,984	68 298,559	12,166	11,701
66	43	82 628	5 297,964	62 684,575	11,832	11,367
67	44	81 205	4 994,412	57 386,611	11,490	11,025
68	45	79 665	4 699,991	52 392,199	11,147	10,682
69	46	78 088	4 419,144	47 692,208	10,792	10,327
70	47	76 380	4 146,244	43 273,064	10,437	9,971
71	48	74 562	3 882,532	39 126,820	10,078	9,612
72	49	72 627	3 627,601	35 244,287	9,716	9,250
73	50	70 599	3 382,585	31 616,686	9,347	8,882
74	51	68 467	3 146,660	28 234,101	8,973	8,508
75	52	66 203	2 918,592	25 087,442	8,596	8,131
76	53	63 793	2 697,692	22 168,850	8,218	7,752
77	54	61 224	2 483,500	19 471,158	7,840	7,375
78	55	58 521	2 277,101	16 987,658	7,460	6,995
79	56	55 630	2 076,361	14 710,557	7,085	6,620
80	57	52 531	1 880,760	12 634,197	6,718	6,252
81	58	49 256	1 691,613	10 753,437	6,357	5,892
82	59	45 776	1 508,009	9 061,823	6,009	5,544
83	60	42 149	1 331,908	7 553,814	5,671	5,206
84	61	38 367	1 162,962	6 221,906	5,350	4,885
85	62	34 515	1 003,567	5 058,943	5,041	4,576
86	63	30 617	853,934	4 055,377	4,749	4,284
87	64	26 765	716,064	3 201,442	4,471	4,006
88	65	23 037	591,185	2 485,379	4,204	3,739
89	66	19 481	479,547	1 894,193	3,950	3,485
90	67	16 174	381,908	1 414,646	3,704	3,239
91	68	13 141	297,647	1 032,739	3,470	3,004
92	69	10 374	225,397	735,092	3,261	2,796
93	70	7 958	165,854	509,694	3,073	2,608
94	71	5 944	118,835	343,841	2,893	2,428
95	72	4 261	81,705	225,006	2,754	2,289
96	73	2 999	55,158	143,301	2,598	2,133
97	74	2 029	35,806	88,144	2,462	1,996
98	75	1 320	22,348	52,337	2,342	1,877
99	76	827	13,425	29,990	2,234	1,769
100	77	498	7,750	16,565	2,137	1,672

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	36 518,102	784 598,148	21,485	21,020
25	1	98 808	34 905,148	748 080,046	21,432	20,967
26	2	98 737	33 458,314	713 174,898	21,315	20,850
27	3	98 679	32 075,280	679 716,583	21,191	20,726
28	4	98 615	30 747,755	647 641,304	21,063	20,598
29	5	98 555	29 476,376	616 893,549	20,928	20,463
30	6	98 491	28 256,392	587 417,173	20,789	20,324
31	7	98 428	27 087,055	559 160,781	20,643	20,178
32	8	98 356	25 963,621	532 073,726	20,493	20,028
33	9	98 281	24 886,165	506 110,105	20,337	19,872
34	10	98 205	23 853,127	481 223,940	20,174	19,709
35	11	98 120	22 860,917	457 370,814	20,007	19,541
36	12	98 025	21 907,838	434 509,897	19,834	19,368
37	13	97 930	20 994,406	412 602,058	19,653	19,188
38	14	97 830	20 117,925	391 607,653	19,466	19,000
39	15	97 717	19 275,494	371 489,728	19,273	18,807
40	16	97 599	18 467,192	352 214,234	19,072	18,607
41	17	97 462	17 689,575	333 747,042	18,867	18,402
42	18	97 319	16 943,461	316 057,467	18,654	18,188
43	19	97 154	16 225,199	299 114,006	18,435	17,970
44	20	96 976	15 535,253	282 888,807	18,209	17,744
45	21	96 784	14 872,409	267 353,555	17,976	17,511
46	22	96 570	14 234,579	252 481,146	17,737	17,272
47	23	96 343	13 622,083	238 246,567	17,490	17,025
48	24	96 082	13 031,438	224 624,484	17,237	16,772
49	25	95 798	12 463,256	211 593,046	16,977	16,512
50	26	95 479	11 915,318	199 129,790	16,712	16,247
51	27	95 125	11 387,139	187 214,472	16,441	15,976
52	28	94 737	10 878,365	175 827,333	16,163	15,698
53	29	94 294	10 386,114	164 948,968	15,882	15,416
54	30	93 800	9 910,457	154 562,853	15,596	15,131
55	31	93 249	9 450,636	144 652,396	15,306	14,841
56	32	92 646	9 006,746	135 201,760	15,011	14,546
57	33	91 981	8 577,575	126 195,014	14,712	14,247
58	34	91 255	8 162,941	117 617,439	14,409	13,943
59	35	90 450	7 761,032	109 454,498	14,103	13,638
60	36	89 577	7 372,801	101 693,465	13,793	13,328
61	37	88 636	6 997,936	94 320,665	13,478	13,013
62	38	87 622	6 635,833	87 322,729	13,159	12,694
63	39	86 508	6 284,434	80 686,896	12,839	12,374
64	40	85 327	5 945,913	74 402,462	12,513	12,048
65	41	84 052	5 618,270	68 456,549	12,185	11,719
66	42	82 697	5 302,364	62 838,279	11,851	11,386
67	43	81 278	4 998,911	57 535,915	11,510	11,044
68	44	79 747	4 704,790	52 537,004	11,167	10,701
69	45	78 175	4 424,063	47 832,214	10,812	10,347
70	46	76 477	4 151,516	43 408,151	10,456	9,991
71	47	74 669	3 888,106	39 256,635	10,097	9,631
72	48	72 743	3 633,413	35 368,529	9,734	9,269
73	49	70 728	3 388,723	31 735,116	9,365	8,900
74	50	68 602	3 152,873	28 346,393	8,991	8,525
75	51	66 350	2 925,053	25 193,520	8,613	8,148
76	52	63 950	2 704,331	22 268,467	8,234	7,769
77	53	61 392	2 490,307	19 564,136	7,856	7,391
78	54	58 698	2 283,975	17 073,829	7,475	7,010
79	55	55 815	2 083,263	14 789,855	7,099	6,634
80	56	52 722	1 887,591	12 706,591	6,732	6,266
81	57	49 454	1 698,394	10 819,000	6,370	5,905
82	58	45 979	1 514,690	9 120,607	6,021	5,556
83	59	42 354	1 338,373	7 605,916	5,683	5,218
84	60	38 575	1 169,266	6 267,544	5,360	4,895
85	61	34 710	1 009,214	5 098,278	5,052	4,587
86	62	30 804	859,155	4 089,065	4,759	4,294
87	63	26 943	720,810	3 229,910	4,481	4,016
88	64	23 206	595,525	2 509,100	4,213	3,748
89	65	19 638	483,420	1 913,575	3,958	3,493
90	66	16 316	385,273	1 430,154	3,712	3,247
91	67	13 269	300,561	1 044,881	3,476	3,011
92	68	10 481	227,724	744,321	3,269	2,803
93	69	8 048	167,728	516,597	3,080	2,615
94	70	6 018	120,300	348,869	2,900	2,435
95	71	4 318	82,814	228,569	2,760	2,295
96	72	3 042	55,964	145,756	2,604	2,139
97	73	2 061	36,369	89,791	2,469	2,004
98	74	1 343	22,737	53,422	2,350	1,884
99	75	843	13,686	30,685	2,242	1,777
100	76	509	7,923	17,000	2,146	1,680

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	35 012,421	748 434,836	21,376	20,911
26	1	98 760	33 466,047	713 422,415	21,318	20,853
27	2	98 691	32 079,099	679 956,368	21,196	20,731
28	3	98 627	30 751,418	647 877,268	21,068	20,603
29	4	98 564	29 479,057	617 125,850	20,934	20,469
30	5	98 499	28 258,511	587 646,793	20,795	20,330
31	6	98 435	27 088,838	559 388,282	20,650	20,185
32	7	98 360	25 964,901	532 299,444	20,501	20,036
33	8	98 287	24 887,705	506 334,543	20,345	19,880
34	9	98 211	23 854,670	481 446,838	20,182	19,717
35	10	98 125	22 862,272	457 592,168	20,015	19,550
36	11	98 033	21 909,470	434 729,896	19,842	19,377
37	12	97 938	20 996,067	412 820,426	19,662	19,197
38	13	97 839	20 119,649	391 824,359	19,475	19,009
39	14	97 728	19 277,517	371 704,709	19,282	18,817
40	15	97 611	18 469,503	352 427,193	19,082	18,616
41	16	97 476	17 692,071	333 957,690	18,876	18,411
42	17	97 333	16 945,942	316 265,619	18,663	18,198
43	18	97 174	16 228,503	299 319,676	18,444	17,979
44	19	96 995	15 538,252	283 091,173	18,219	17,754
45	20	96 802	14 875,164	267 552,921	17,987	17,521
46	21	96 586	14 236,936	252 677,758	17,748	17,283
47	22	96 359	13 624,441	238 440,822	17,501	17,036
48	23	96 103	13 034,266	224 816,381	17,248	16,783
49	24	95 815	12 465,370	211 782,115	16,990	16,524
50	25	95 497	11 917,540	199 316,745	16,725	16,259
51	26	95 143	11 389,355	187 399,205	16,454	15,989
52	27	94 758	10 880,742	176 009,850	16,176	15,711
53	28	94 318	10 388,705	165 129,108	15,895	15,430
54	29	93 824	9 913,022	154 740,403	15,610	15,145
55	30	93 277	9 453,443	144 827,380	15,320	14,855
56	31	92 676	9 009,622	135 373,937	15,025	14,560
57	32	92 013	8 580,553	126 364,315	14,727	14,262
58	33	91 288	8 165,848	117 783,762	14,424	13,959
59	34	90 485	7 764,069	109 617,914	14,119	13,653
60	35	89 613	7 375,769	101 853,845	13,809	13,344
61	36	88 678	7 001,218	94 478,076	13,495	13,029
62	37	87 662	6 638,888	87 476,858	13,176	12,711
63	38	86 559	6 288,117	80 837,969	12,856	12,390
64	39	85 378	5 949,457	74 549,852	12,531	12,065
65	40	84 109	5 622,086	68 600,395	12,202	11,737
66	41	82 760	5 306,412	62 978,309	11,868	11,403
67	42	81 345	5 003,063	57 671,898	11,527	11,062
68	43	79 819	4 709,028	52 668,835	11,185	10,719
69	44	78 255	4 428,581	47 959,807	10,830	10,364
70	45	76 562	4 156,137	43 531,227	10,474	10,009
71	46	74 764	3 893,049	39 375,090	10,114	9,649
72	47	72 847	3 638,629	35 482,040	9,751	9,286
73	48	70 841	3 394,152	31 843,411	9,382	8,917
74	49	68 726	3 158,595	28 449,259	9,007	8,542
75	50	66 481	2 930,828	25 290,664	8,629	8,164
76	51	64 092	2 710,318	22 359,836	8,250	7,785
77	52	61 543	2 496,436	19 649,518	7,871	7,406
78	53	58 859	2 290,234	17 153,082	7,490	7,024
79	54	55 984	2 089,552	14 862,848	7,113	6,648
80	55	52 897	1 893,866	12 773,295	6,745	6,279
81	56	49 633	1 704,562	10 879,429	6,383	5,917
82	57	46 163	1 520,761	9 174,867	6,033	5,568
83	58	42 541	1 344,302	7 654,106	5,694	5,229
84	59	38 762	1 174,941	6 309,804	5,370	4,905
85	60	34 898	1 014,684	5 134,863	5,061	4,595
86	61	30 978	863,989	4 120,179	4,769	4,304
87	62	27 107	725,217	3 256,190	4,490	4,025
88	63	23 359	599,472	2 530,974	4,222	3,757
89	64	19 782	486,969	1 931,501	3,966	3,501
90	65	16 448	388,385	1 444,532	3,719	3,254
91	66	13 386	303,209	1 056,147	3,483	3,018
92	67	10 584	229,953	752,938	3,274	2,809
93	68	8 131	169,459	522,985	3,086	2,621
94	69	6 085	121,659	353,527	2,906	2,441
95	70	4 372	83,835	231,867	2,766	2,301
96	71	3 084	56,724	148,032	2,610	2,144
97	72	2 091	36,901	91,308	2,474	2,009
98	73	1 364	23,094	54,407	2,356	1,891
99	74	858	13,924	31,313	2,249	1,784
100	75	519	8,077	17,389	2,153	1,688

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 196 579,841	21,966	21,500
1	1	99 340	95 062,241	2 096 579,841	22,055	21,589
2	2	99 290	90 922,858	2 001 517,601	22,013	21,548
3	3	99 263	86 983,590	1 910 594,743	21,965	21,499
4	4	99 238	83 217,253	1 823 611,153	21,914	21,448
5	5	99 218	79 617,259	1 740 393,900	21,860	21,394
6	6	99 201	76 175,871	1 660 776,641	21,802	21,336
7	7	99 184	72 883,213	1 584 600,770	21,742	21,276
8	8	99 171	69 735,391	1 511 717,557	21,678	21,212
9	9	99 157	66 722,864	1 441 982,166	21,612	21,146
10	10	99 142	63 840,365	1 375 259,301	21,542	21,077
11	11	99 129	61 082,941	1 311 418,936	21,469	21,004
12	12	99 112	58 443,002	1 250 335,995	21,394	20,928
13	13	99 097	55 917,511	1 191 892,994	21,315	20,850
14	14	99 079	53 499,876	1 135 975,483	21,233	20,768
15	15	99 056	51 184,499	1 082 475,607	21,149	20,683
16	16	99 029	48 966,893	1 031 291,108	21,061	20,595
17	17	98 990	46 839,592	982 324,215	20,972	20,506
18	18	98 946	44 802,873	935 484,623	20,880	20,414
19	19	98 888	42 848,399	890 681,751	20,787	20,321
20	20	98 828	40 978,220	847 833,351	20,690	20,224
21	21	98 765	39 188,675	806 855,131	20,589	20,123
22	22	98 704	37 478,148	767 666,456	20,483	20,017
23	23	98 643	35 841,878	730 188,308	20,372	19,907
24	24	98 576	34 275,258	694 346,431	20,258	19,792
25	25	98 512	32 777,876	660 071,172	20,138	19,672
26	26	98 446	31 345,451	627 293,296	20,012	19,547
27	27	98 380	29 975,601	595 947,845	19,881	19,415
28	28	98 307	28 663,386	565 972,244	19,745	19,280
29	29	98 232	27 408,112	537 308,858	19,604	19,138
30	30	98 150	26 206,057	509 900,745	19,457	18,992
31	31	98 064	25 055,677	483 694,688	19,305	18,839
32	32	97 966	23 952,572	458 639,011	19,148	18,682
33	33	97 863	22 897,116	434 686,438	18,984	18,519
34	34	97 759	21 887,762	411 789,322	18,814	18,348
35	35	97 642	20 920,174	389 901,561	18,638	18,172
36	36	97 516	19 993,483	368 981,386	18,455	17,989
37	37	97 384	19 106,582	348 987,903	18,265	17,800
38	38	97 248	18 258,272	329 881,321	18,067	17,602
39	39	97 089	17 443,472	311 623,050	17,865	17,399
40	40	96 925	16 664,167	294 179,578	17,653	17,188
41	41	96 737	15 915,722	277 515,411	17,437	16,971
42	42	96 536	15 198,580	261 599,689	17,212	16,747
43	43	96 312	14 510,373	246 401,109	16,981	16,515
44	44	96 067	13 850,310	231 890,736	16,743	16,277
45	45	95 797	13 216,591	218 040,426	16,497	16,032
46	46	95 495	12 607,566	204 823,835	16,246	15,780
47	47	95 165	12 023,013	192 216,269	15,987	15,522
48	48	94 793	11 460,224	180 193,256	15,723	15,258
49	49	94 378	10 918,688	168 733,032	15,454	14,988
50	50	93 910	10 396,758	157 814,344	15,179	14,714
51	51	93 395	9 894,515	147 417,586	14,899	14,433
52	52	92 829	9 411,045	137 523,071	14,613	14,147
53	53	92 192	8 943,917	128 112,026	14,324	13,858
54	54	91 481	8 492,820	119 168,109	14,032	13,566
55	55	90 697	8 057,475	110 675,289	13,736	13,270
56	56	89 841	7 637,706	102 617,814	13,436	12,970
57	57	88 905	7 232,618	94 980,108	13,132	12,667
58	58	87 882	6 841,554	87 747,490	12,826	12,360
59	59	86 756	6 463,051	80 905,936	12,518	12,053
60	60	85 538	6 097,930	74 442,885	12,208	11,742
61	61	84 223	5 745,604	68 344,955	11,895	11,430
62	62	82 831	5 407,346	62 599,351	11,577	11,111
63	63	81 330	5 080,682	57 192,005	11,257	10,791
64	64	79 738	4 766,767	52 111,323	10,932	10,467
65	65	78 027	4 463,609	47 344,556	10,607	10,141
66	66	76 212	4 172,060	42 880,948	10,278	9,813
67	67	74 312	3 892,838	38 708,887	9,944	9,478
68	68	72 270	3 622,857	34 816,049	9,610	9,144
69	69	70 194	3 367,257	31 193,191	9,264	8,798
70	70	67 978	3 120,508	27 825,934	8,917	8,452
71	71	65 645	2 883,663	24 705,427	8,567	8,102
72	72	63 186	2 656,130	21 821,764	8,216	7,750
73	73	60 647	2 439,620	19 165,633	7,856	7,390
74	74	58 019	2 233,383	16 726,013	7,489	7,023
75	75	55 263	2 035,694	14 492,630	7,119	6,654
76	76	52 364	1 845,856	12 456,937	6,749	6,283
77	77	49 293	1 662,778	10 611,080	6,382	5,916
78	78	46 104	1 488,229	8 948,302	6,013	5,547
79	79	42 737	1 320,119	7 460,073	5,651	5,185
80	80	39 169	1 157,814	6 139,955	5,303	4,837
81	81	35 458	1 002,985	4 982,141	4,967	4,502
82	82	31 640	856,459	3 979,156	4,646	4,180
83	83	27 801	720,123	3 122,697	4,336	3,871
84	84	23 966	594,044	2 402,574	4,044	3,579
85	85	20 224	479,705	1 808,531	3,770	3,304
86	86	16 656	378,057	1 328,826	3,515	3,049
87	87	13 353	290,052	950,769	3,278	2,812
88	88	10 406	216,297	660,717	3,055	2,589
89	89	7 852	156,186	444,420	2,845	2,380
90	90	5 716	108,793	288,234	2,649	2,184
91	91	3 996	72,779	179,441	2,466	2,000
92	92	2 654	46,253	106,663	2,306	1,840
93	93	1 672	27,896	60,409	2,165	1,700
94	94	1 000	15,963	32,513	2,037	1,571
95	95	556	8,488	16,550	1,950	1,484
96	96	298	4,356	8,062	1,851	1,385
97	97	150	2,093	3,706	1,771	1,305
98	98	72	0,959	1,613	1,683	1,218
99	99	32	0,407	0,655	1,609	1,143
100	100	13	0,160	0,248	1,544	1,078

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 194 417,282	22,012	21,546	50	51	93 725	10 376,269	156 397,961	15,073	14,607
1	2	99 317	95 040,276	2 094 723,669	22,040	21,575	51	52	93 189	9 872,660	146 021,692	14,791	14,325
2	3	99 278	90 912,031	1 999 683,393	21,996	21,530	52	53	92 601	9 387,938	136 149,031	14,503	14,037
3	4	99 251	86 973,227	1 908 771,362	21,947	21,481	53	54	91 940	8 919,472	126 761,093	14,212	13,746
4	5	99 229	83 209,686	1 821 798,135	21,894	21,428	54	55	91 206	8 467,260	117 841,621	13,917	13,452
5	6	99 210	79 611,288	1 738 588,449	21,838	21,373	55	56	90 397	8 030,778	109 374,361	13,619	13,154
6	7	99 194	76 170,857	1 658 977,161	21,780	21,314	56	57	89 516	7 610,066	101 343,584	13,317	12,851
7	8	99 179	72 879,620	1 582 806,304	21,718	21,252	57	58	88 550	7 203,743	93 733,518	13,012	12,546
8	9	99 165	69 731,074	1 509 926,684	21,654	21,188	58	59	87 494	6 811,379	86 529,775	12,704	12,238
9	10	99 150	66 718,547	1 440 195,610	21,586	21,121	59	60	86 337	6 431,834	79 718,395	12,394	11,929
10	11	99 136	63 836,583	1 373 477,063	21,516	21,050	60	61	85 077	6 065,056	73 286,561	12,083	11,618
11	12	99 121	61 078,391	1 309 640,481	21,442	20,976	61	62	83 752	5 713,457	67 221,505	11,765	11,300
12	13	99 105	58 438,378	1 248 562,090	21,365	20,900	62	63	82 328	5 374,487	61 508,048	11,444	10,979
13	14	99 088	55 912,718	1 190 123,712	21,285	20,820	63	64	80 794	5 047,229	56 133,561	11,122	10,656
14	15	99 068	53 494,262	1 134 210,994	21,202	20,737	64	65	79 157	4 732,030	51 086,332	10,796	10,330
15	16	99 044	51 178,095	1 080 716,732	21,117	20,651	65	66	77 402	4 427,846	46 354,303	10,469	10,003
16	17	99 015	48 959,984	1 029 538,637	21,028	20,563	66	67	75 547	4 135,616	41 926,457	10,138	9,672
17	18	98 975	46 832,734	980 578,653	20,938	20,472	67	68	73 591	3 855,100	37 790,841	9,803	9,337
18	19	98 926	44 793,749	933 745,919	20,845	20,380	68	69	71 532	3 585,850	33 935,742	9,464	8,998
19	20	98 869	42 840,128	888 952,170	20,750	20,285	69	70	69 410	3 329,637	30 349,891	9,115	8,649
20	21	98 809	40 970,632	846 112,042	20,652	20,186	70	71	67 149	3 082,489	27 020,254	8,766	8,300
21	22	98 749	39 182,187	805 141,410	20,549	20,083	71	72	64 766	2 845,050	23 937,765	8,414	7,948
22	23	98 687	37 471,662	765 959,223	20,441	19,975	72	73	62 276	2 617,857	21 092,715	8,057	7,592
23	24	98 621	35 834,100	728 487,560	20,329	19,864	73	74	59 708	2 401,848	18 474,858	7,692	7,226
24	25	98 559	34 269,446	692 653,460	20,212	19,746	74	75	57 026	2 195,173	16 073,010	7,322	6,856
25	26	98 493	32 771,764	658 384,013	20,090	19,624	75	76	54 209	1 996,878	13 877,836	6,950	6,484
26	27	98 427	31 339,352	625 612,249	19,963	19,497	76	77	51 221	1 805,568	11 880,958	6,580	6,115
27	28	98 359	29 969,053	594 272,897	19,830	19,364	77	78	48 088	1 622,120	10 075,390	6,211	5,746
28	29	98 282	28 656,238	564 303,843	19,692	19,227	78	79	44 809	1 446,410	8 453,270	5,844	5,379
29	30	98 206	27 401,020	535 647,606	19,548	19,083	79	80	41 330	1 276,656	7 006,860	5,488	5,023
30	31	98 121	26 198,276	508 246,586	19,400	18,934	80	81	37 665	1 113,345	5 730,204	5,147	4,681
31	32	98 033	25 047,680	482 048,310	19,245	18,780	81	82	33 896	958,791	4 616,860	4,815	4,350
32	33	97 932	23 944,260	457 000,630	19,086	18,620	82	83	30 048	813,343	3 658,069	4,498	4,032
33	34	97 828	22 888,963	433 056,371	18,920	18,454	83	84	26 186	678,297	2 844,726	4,194	3,728
34	35	97 720	21 879,201	410 167,407	18,747	18,281	84	85	22 355	554,111	2 166,429	3,910	3,444
35	36	97 602	20 911,754	388 288,206	18,568	18,102	85	86	18 662	442,662	1 612,318	3,642	3,177
36	37	97 470	19 984,109	367 376,452	18,383	17,918	86	87	15 175	344,445	1 169,656	3,396	2,930
37	38	97 339	19 097,788	347 392,343	18,190	17,725	87	88	12 002	260,701	825,211	3,165	2,700
38	39	97 191	18 247,579	328 294,554	17,991	17,526	88	89	9 211	191,461	564,510	2,948	2,483
39	40	97 031	17 433,081	310 046,975	17,785	17,319	89	90	6 824	135,738	373,049	2,748	2,283
40	41	96 859	16 652,857	292 613,895	17,571	17,106	90	91	4 870	92,698	237,311	2,560	2,094
41	42	96 664	15 903,580	275 961,038	17,352	16,887	91	92	3 327	60,600	144,613	2,386	1,921
42	43	96 455	15 185,968	260 057,457	17,125	16,659	92	93	2 156	37,578	84,012	2,236	1,770
43	44	96 225	14 497,315	244 871,490	16,891	16,425	93	94	1 323	22,061	46,434	2,105	1,639
44	45	95 969	13 836,182	230 374,175	16,650	16,185	94	95	765	12,209	24,374	1,996	1,531
45	46	95 691	13 201,895	216 537,993	16,402	15,936	95	96	417	6,374	12,165	1,908	1,443
46	47	95 374	12 591,558	203 336,098	16,149	15,683	96	97	218	3,182	5,790	1,820	1,354
47	48	95 029	12 005,777	190 744,540	15,888	15,422	97	98	108	1,513	2,609	1,724	1,258
48	49	94 641	11 441,892	178 738,763	15,621	15,156	98	99	50	0,666	1,096	1,644	1,178
49	50	94 207	10 898,909	167 296,870	15,350	14,884	99	100	21	0,273	0,429	1,574	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 192 407,328	21,997	21,531
1	3	99 305	95 028,958	2 092 736,749	22,022	21,556
2	4	99 266	90 901,200	1 997 707,790	21,977	21,511
3	5	99 242	86 965,318	1 906 806,591	21,926	21,460
4	6	99 222	83 203,446	1 819 841,272	21,872	21,407
5	7	99 204	79 606,047	1 736 637,827	21,815	21,350
6	8	99 189	76 167,102	1 657 031,779	21,755	21,290
7	9	99 173	72 875,108	1 580 864,677	21,693	21,227
8	10	99 158	69 726,562	1 507 989,569	21,627	21,162
9	11	99 144	66 714,594	1 438 263,008	21,558	21,093
10	12	99 129	63 831,828	1 371 548,414	21,487	21,021
11	13	99 113	61 073,559	1 307 716,586	21,412	20,947
12	14	99 096	58 433,369	1 246 643,027	21,334	20,869
13	15	99 078	55 906,850	1 188 209,659	21,253	20,788
14	16	99 056	53 487,570	1 132 302,808	21,169	20,704
15	17	99 030	51 170,874	1 078 815,238	21,083	20,617
16	18	99 001	48 952,815	1 027 644,364	20,993	20,527
17	19	98 955	46 823,197	978 691,549	20,902	20,436
18	20	98 907	44 785,103	931 868,353	20,808	20,342
19	21	98 851	42 832,196	887 083,250	20,711	20,245
20	22	98 793	40 963,849	844 251,054	20,610	20,144
21	23	98 731	39 175,407	803 287,205	20,505	20,039
22	24	98 666	37 463,532	764 111,798	20,396	19,931
23	25	98 605	35 828,024	726 648,267	20,282	19,816
24	26	98 541	34 263,056	690 820,243	20,162	19,697
25	27	98 474	32 765,388	656 557,186	20,038	19,573
26	28	98 405	31 332,507	623 791,798	19,909	19,443
27	29	98 334	29 961,579	592 459,292	19,774	19,308
28	30	98 257	28 648,822	562 497,712	19,634	19,169
29	31	98 177	27 392,883	533 848,890	19,489	19,023
30	32	98 090	26 189,914	506 456,007	19,338	18,872
31	33	97 999	25 038,987	480 266,093	19,181	18,715
32	34	97 897	23 935,734	455 227,106	19,019	18,553
33	35	97 790	22 880,011	431 291,372	18,850	18,385
34	36	97 681	21 870,395	408 411,360	18,674	18,209
35	37	97 557	20 901,950	386 540,966	18,493	18,027
36	38	97 425	19 974,912	365 639,016	18,305	17,839
37	39	97 282	19 086,604	345 664,103	18,110	17,645
38	40	97 133	18 236,709	326 577,500	17,908	17,442
39	41	96 965	17 421,249	308 340,791	17,699	17,234
40	42	96 785	16 640,153	290 919,542	17,483	17,017
41	43	96 583	15 890,383	274 279,389	17,261	16,795
42	44	96 369	15 172,301	258 389,006	17,030	16,565
43	45	96 127	14 482,527	243 216,704	16,794	16,328
44	46	95 863	13 820,797	228 734,177	16,550	16,084
45	47	95 569	13 185,132	214 913,381	16,300	15,834
46	48	95 237	12 573,508	201 728,249	16,044	15,578
47	49	94 877	11 986,573	189 154,741	15,781	15,315
48	50	94 470	11 421,166	177 168,168	15,512	15,047
49	51	94 021	10 877,431	165 747,002	15,238	14,772
50	52	93 518	10 353,350	154 869,571	14,958	14,493
51	53	92 960	9 848,420	144 516,220	14,674	14,208
52	54	92 348	9 362,280	134 667,800	14,384	13,918
53	55	91 663	8 892,628	125 305,521	14,091	13,625
54	56	90 904	8 439,204	116 412,893	13,794	13,329
55	57	90 070	8 001,715	107 973,689	13,494	13,028
56	58	89 159	7 579,684	99 971,973	13,189	12,724
57	59	88 159	7 171,971	92 392,289	12,882	12,417
58	60	87 072	6 778,480	85 220,319	12,572	12,107
59	61	85 871	6 397,160	78 441,838	12,262	11,796
60	62	84 601	6 031,121	72 044,678	11,945	11,480
61	63	83 243	5 678,738	66 013,557	11,625	11,159
62	64	81 786	5 339,100	60 334,818	11,301	10,835
63	65	80 205	5 010,448	54 995,719	10,976	10,511
64	66	78 523	4 694,116	49 985,271	10,648	10,183
65	67	76 726	4 389,166	45 291,155	10,319	9,853
66	68	74 814	4 095,523	40 901,989	9,987	9,521
67	69	72 840	3 815,721	36 806,465	9,646	9,180
68	70	70 733	3 545,789	32 990,745	9,304	8,839
69	71	68 564	3 289,071	29 444,956	8,952	8,487
70	72	66 250	3 041,213	26 155,885	8,600	8,135
71	73	63 833	2 804,055	23 114,672	8,243	7,778
72	74	61 312	2 577,325	20 310,618	7,881	7,415
73	75	58 687	2 360,756	17 733,292	7,512	7,046
74	76	55 939	2 153,317	15 372,536	7,139	6,673
75	77	53 026	1 953,294	13 219,219	6,768	6,302
76	78	49 969	1 761,419	11 265,925	6,396	5,930
77	79	46 737	1 576,538	9 504,506	6,029	5,563
78	80	43 333	1 398,789	7 927,968	5,668	5,202
79	81	39 742	1 227,622	6 529,179	5,319	4,853
80	82	36 005	1 064,288	5 301,557	4,981	4,516
81	83	32 189	910,524	4 237,269	4,654	4,188
82	84	28 302	766,103	3 326,745	4,342	3,877
83	85	24 426	632,701	2 560,643	4,047	3,582
84	86	20 628	511,322	1 927,942	3,771	3,305
85	87	17 003	403,306	1 416,619	3,513	3,047
86	88	13 639	309,590	1 013,314	3,273	2,807
87	89	10 624	230,766	703,724	3,050	2,584
88	90	8 005	166,395	472,957	2,842	2,377
89	91	5 815	115,658	306,562	2,651	2,185
90	92	4 055	77,187	190,904	2,473	2,008
91	93	2 703	49,234	113,718	2,310	1,844
92	94	1 705	29,717	64,484	2,170	1,704
93	95	1 012	16,873	34,767	2,061	1,595
94	96	574	9,169	17,894	1,952	1,486
95	97	305	4,656	8,726	1,874	1,408
96	98	157	2,300	4,069	1,769	1,303
97	99	75	1,052	1,769	1,682	1,216
98	100	33	0,446	0,717	1,607	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 190 258,220	21,978	21,512
1	4	99 293	95 017,637	2 090 599,510	22,002	21,537
2	5	99 257	90 892,934	1 995 581,873	21,955	21,490
3	6	99 234	86 958,797	1 904 688,939	21,903	21,438
4	7	99 215	83 197,969	1 817 730,142	21,848	21,383
5	8	99 199	79 602,123	1 734 532,174	21,790	21,324
6	9	99 183	76 162,386	1 654 930,051	21,729	21,263
7	10	99 167	72 870,393	1 578 767,664	21,665	21,200
8	11	99 152	69 722,430	1 505 897,272	21,598	21,133
9	12	99 137	66 709,625	1 436 174,842	21,529	21,063
10	13	99 121	63 826,778	1 369 465,217	21,456	20,990
11	14	99 105	61 068,324	1 305 638,439	21,380	20,914
12	15	99 086	58 427,237	1 244 570,116	21,301	20,836
13	16	99 066	55 899,856	1 186 142,879	21,219	20,753
14	17	99 042	53 480,023	1 130 243,023	21,134	20,668
15	18	99 016	51 163,382	1 076 763,000	21,046	20,580
16	19	98 981	48 942,846	1 025 599,618	20,955	20,489
17	20	98 936	46 814,159	976 656,772	20,862	20,397
18	21	98 889	44 776,810	929 842,613	20,766	20,301
19	22	98 834	42 825,105	885 065,804	20,667	20,201
20	23	98 776	40 956,761	842 240,699	20,564	20,099
21	24	98 710	39 166,906	801 283,938	20,458	19,993
22	25	98 649	37 457,179	762 117,032	20,346	19,881
23	26	98 586	35 821,344	724 659,853	20,230	19,764
24	27	98 522	34 256,390	688 838,510	20,108	19,643
25	28	98 453	32 758,231	654 582,120	19,982	19,517
26	29	98 381	31 324,693	621 823,889	19,851	19,385
27	30	98 309	29 953,826	590 499,196	19,714	19,248
28	31	98 228	28 640,315	560 545,370	19,572	19,106
29	32	98 146	27 384,140	531 905,055	19,424	18,958
30	33	98 056	26 180,824	504 520,915	19,271	18,805
31	34	97 964	25 030,072	478 340,091	19,111	18,645
32	35	97 858	23 926,373	453 310,019	18,946	18,480
33	36	97 750	22 870,802	429 383,646	18,774	18,309
34	37	97 635	21 860,141	406 512,844	18,596	18,130
35	38	97 512	20 892,330	384 652,703	18,411	17,946
36	39	97 368	19 963,214	363 760,372	18,222	17,756
37	40	97 224	19 075,234	343 797,159	18,023	17,558
38	41	97 067	18 224,331	324 721,925	17,818	17,352
39	42	96 891	17 407,959	306 497,594	17,607	17,141
40	43	96 705	16 626,345	289 089,635	17,387	16,922
41	44	96 496	15 876,083	272 463,290	17,162	16,696
42	45	96 270	15 156,825	256 587,207	16,929	16,463
43	46	96 020	14 466,423	241 430,382	16,689	16,223
44	47	95 741	13 803,248	226 963,958	16,443	15,977
45	48	95 432	13 166,231	213 160,711	16,190	15,724
46	49	95 085	12 553,395	199 994,480	15,932	15,466
47	50	94 705	11 964,860	187 441,085	15,666	15,200
48	51	94 283	11 398,659	175 476,225	15,394	14,929
49	52	93 813	10 853,405	164 077,566	15,118	14,652
50	53	93 288	10 327,930	153 224,160	14,836	14,370
51	54	92 706	9 821,503	142 896,231	14,549	14,084
52	55	92 070	9 334,102	133 074,728	14,257	13,791
53	56	91 359	8 863,163	123 740,625	13,961	13,496
54	57	90 575	8 408,664	114 877,462	13,662	13,196
55	58	89 710	7 969,770	106 468,799	13,359	12,893
56	59	88 765	7 546,253	98 499,028	13,053	12,587
57	60	87 733	7 137,330	90 952,775	12,743	12,278
58	61	86 602	6 741,937	83 815,445	12,432	11,966
59	62	85 391	6 361,367	77 073,507	12,116	11,650
60	63	84 087	5 994,472	70 712,140	11,796	11,331
61	64	82 694	5 641,347	64 717,668	11,472	11,006
62	65	81 190	5 300,192	59 076,320	11,146	10,680
63	66	79 563	4 970,303	53 776,129	10,819	10,354
64	67	77 837	4 653,111	48 805,826	10,489	10,023
65	68	75 982	4 346,616	44 152,715	10,158	9,692
66	69	74 050	4 053,688	39 806,099	9,820	9,354
67	70	72 026	3 773,091	35 752,410	9,476	9,010
68	71	69 871	3 502,588	31 979,319	9,130	8,665
69	72	67 646	3 245,029	28 476,731	8,775	8,310
70	73	65 296	2 997,391	25 231,702	8,418	7,952
71	74	62 844	2 760,640	22 234,311	8,054	7,588
72	75	60 263	2 533,231	19 473,671	7,687	7,222
73	76	57 568	2 315,743	16 940,439	7,315	6,850
74	77	54 718	2 106,318	14 624,696	6,943	6,478
75	78	51 729	1 905,532	12 518,378	6,569	6,104
76	79	48 565	1 711,923	10 612,846	6,199	5,734
77	80	45 198	1 524,633	8 900,923	5,838	5,372
78	81	41 669	1 345,064	7 376,290	5,484	5,018
79	82	37 991	1 173,530	6 031,226	5,139	4,674
80	83	34 192	1 010,710	4 857,696	4,806	4,341
81	84	30 320	857,639	3 846,986	4,486	4,020
82	85	26 400	714,604	2 989,347	4,183	3,718
83	86	22 540	583,843	2 274,742	3,896	3,431
84	87	18 794	465,862	1 690,900	3,630	3,164
85	88	15 282	362,495	1 225,038	3,379	2,914
86	89	12 073	274,041	862,543	3,147	2,682
87	90	9 233	200,555	588,501	2,934	2,469
88	91	6 821	141,779	387,946	2,736	2,271
89	92	4 842	96,304	246,167	2,556	2,091
90	93	3 295	62,710	149,863	2,390	1,924
91	94	2 138	38,935	87,153	2,238	1,773
92	95	1 304	22,728	48,219	2,122	1,656
93	96	760	12,671	25,491	2,012	1,546
94	97	420	6,698	12,820	1,914	1,448
95	98	220	3,366	6,122	1,819	1,353
96	99	109	1,599	2,756	1,723	1,258
97	100	50	0,704	1,157	1,642	1,177

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 187 949,822	21,957	21,491
1	5	99 284	95 008,997	2 088 302,985	21,980	21,514
2	6	99 250	90 886,118	1 993 293,988	21,932	21,466
3	7	99 228	86 953,072	1 902 407,870	21,879	21,413
4	8	99 210	83 193,867	1 815 454,798	21,822	21,356
5	9	99 193	79 597,195	1 732 260,930	21,763	21,297
6	10	99 177	76 157,458	1 652 663,736	21,701	21,235
7	11	99 161	72 866,075	1 576 506,278	21,636	21,170
8	12	99 145	69 717,237	1 503 640,203	21,568	21,102
9	13	99 129	66 704,347	1 433 922,966	21,497	21,031
10	14	99 113	63 821,307	1 367 218,619	21,423	20,957
11	15	99 095	61 061,915	1 303 397,312	21,346	20,880
12	16	99 073	58 419,927	1 242 335,397	21,266	20,800
13	17	99 052	55 891,969	1 183 915,470	21,182	20,717
14	18	99 028	53 472,192	1 128 023,501	21,096	20,630
15	19	98 995	51 152,963	1 074 551,309	21,007	20,541
16	20	98 961	48 933,399	1 023 398,346	20,914	20,448
17	21	98 918	46 805,490	974 464,947	20,819	20,354
18	22	98 872	44 769,397	927 659,457	20,721	20,255
19	23	98 817	42 817,694	882 890,060	20,620	20,154
20	24	98 755	40 947,874	840 072,366	20,516	20,050
21	25	98 693	39 160,265	799 124,493	20,407	19,941
22	26	98 631	37 450,195	759 964,228	20,293	19,827
23	27	98 567	35 814,374	722 514,033	20,174	19,708
24	28	98 500	34 248,907	686 699,660	20,050	19,585
25	29	98 428	32 750,061	652 450,752	19,922	19,457
26	30	98 355	31 316,586	619 700,691	19,788	19,323
27	31	98 280	29 944,932	588 384,105	19,649	19,183
28	32	98 196	28 631,174	558 439,173	19,505	19,039
29	33	98 112	27 374,636	529 808,000	19,354	18,888
30	34	98 021	26 171,503	502 433,364	19,198	18,732
31	35	97 926	25 020,282	476 261,861	19,035	18,569
32	36	97 819	23 916,743	451 241,579	18,867	18,402
33	37	97 705	22 860,080	427 324,836	18,693	18,227
34	38	97 590	21 850,080	404 464,756	18,511	18,045
35	39	97 455	20 880,095	382 614,676	18,324	17,859
36	40	97 310	19 951,322	361 734,581	18,131	17,665
37	41	97 158	19 062,287	341 783,260	17,930	17,464
38	42	96 993	18 210,429	322 720,972	17,722	17,256
39	43	96 811	17 393,514	304 510,543	17,507	17,042
40	44	96 618	16 611,382	287 117,030	17,284	16,819
41	45	96 398	15 859,889	270 505,647	17,056	16,590
42	46	96 163	15 139,971	254 645,759	16,819	16,354
43	47	95 898	14 448,055	239 505,787	16,577	16,111
44	48	95 604	13 783,460	225 057,733	16,328	15,862
45	49	95 279	13 145,170	211 274,272	16,072	15,607
46	50	94 912	12 530,655	198 129,102	15,812	15,346
47	51	94 518	11 941,281	185 598,446	15,543	15,077
48	52	94 075	11 373,482	173 657,165	15,269	14,803
49	53	93 583	10 826,757	162 283,684	14,989	14,524
50	54	93 033	10 299,702	151 456,927	14,705	14,239
51	55	92 427	9 791,944	141 157,225	14,416	13,950
52	56	91 765	9 303,175	131 365,281	14,120	13,655
53	57	91 029	8 831,088	122 062,106	13,822	13,356
54	58	90 213	8 375,094	113 231,018	13,520	13,054
55	59	89 315	7 934,619	104 855,924	13,215	12,749
56	60	88 337	7 509,805	96 921,304	12,906	12,440
57	61	87 260	7 098,853	89 411,499	12,595	12,130
58	62	86 118	6 704,216	82 312,647	12,278	11,812
59	63	84 872	6 322,711	75 608,431	11,958	11,493
60	64	83 533	5 955,002	69 285,720	11,635	11,169
61	65	82 092	5 600,237	63 330,717	11,309	10,843
62	66	80 539	5 257,726	57 730,481	10,980	10,515
63	67	78 868	4 926,885	52 472,755	10,650	10,185
64	68	77 082	4 608,002	47 545,870	10,318	9,852
65	69	75 206	4 302,216	42 937,868	9,980	9,515
66	70	73 223	4 008,400	38 635,651	9,639	9,173
67	71	71 148	3 727,121	34 627,252	9,291	8,825
68	72	68 935	3 455,688	30 900,130	8,942	8,476
69	73	66 671	3 198,270	27 444,443	8,581	8,115
70	74	64 285	2 950,984	24 246,173	8,216	7,751
71	75	61 769	2 713,410	21 295,189	7,848	7,383
72	76	59 114	2 484,929	18 581,779	7,478	7,012
73	77	56 311	2 265,199	16 096,850	7,106	6,641
74	78	53 380	2 054,815	13 831,651	6,731	6,266
75	79	50 276	1 851,986	11 776,836	6,359	5,893
76	80	46 966	1 655,561	9 924,850	5,995	5,529
77	81	43 462	1 466,075	8 269,289	5,640	5,175
78	82	39 833	1 285,797	6 803,214	5,291	4,825
79	83	36 079	1 114,453	5 517,417	4,951	4,485
80	84	32 206	952,006	4 402,964	4,625	4,159
81	85	28 282	799,988	3 450,958	4,314	3,848
82	86	24 361	659,422	2 650,971	4,020	3,555
83	87	20 536	531,935	1 991,549	3,744	3,278
84	88	16 892	418,721	1 459,614	3,486	3,020
85	89	13 527	320,872	1 040,893	3,244	2,778
86	90	10 492	238,164	720,021	3,023	2,558
87	91	7 867	170,885	481,857	2,820	2,354
88	92	5 680	118,055	310,972	2,634	2,169
89	93	3 934	78,241	192,917	2,466	2,000
90	94	2 605	49,591	114,675	2,312	1,847
91	95	1 635	29,778	65,085	2,186	1,720
92	96	979	17,068	35,306	2,069	1,603
93	97	555	9,256	18,238	1,970	1,505
94	98	303	4,842	8,982	1,855	1,389
95	99	153	2,340	4,140	1,769	1,303
96	100	73	1,071	1,800	1,681	1,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 185 473,153	21,934	21,469
1	6	99 277	95 001,872	2 085 835,377	21,956	21,490
2	7	99 243	90 880,135	1 990 833,505	21,906	21,441
3	8	99 223	86 948,786	1 899 953,370	21,851	21,386
4	9	99 204	83 188,717	1 813 004,584	21,794	21,328
5	10	99 186	79 592,044	1 729 815,868	21,734	21,268
6	11	99 171	76 152,945	1 650 223,823	21,670	21,204
7	12	99 153	72 860,647	1 574 070,878	21,604	21,138
8	13	99 137	69 711,721	1 501 210,231	21,535	21,069
9	14	99 121	66 698,629	1 431 498,509	21,462	20,997
10	15	99 102	63 814,609	1 364 799,880	21,387	20,921
11	16	99 082	61 054,276	1 300 985,271	21,309	20,843
12	17	99 059	58 411,684	1 239 930,994	21,227	20,762
13	18	99 037	55 883,785	1 181 519,310	21,142	20,677
14	19	99 007	53 461,303	1 125 635,525	21,055	20,590
15	20	98 976	51 143,089	1 072 174,222	20,964	20,499
16	21	98 943	48 924,338	1 021 031,133	20,870	20,404
17	22	98 901	46 797,741	972 106,795	20,773	20,307
18	23	98 855	44 761,649	925 309,054	20,672	20,206
19	24	98 796	42 808,403	880 547,404	20,569	20,104
20	25	98 738	40 940,930	837 739,001	20,462	19,997
21	26	98 675	39 152,963	796 798,071	20,351	19,885
22	27	98 612	37 442,908	757 645,108	20,235	19,769
23	28	98 546	35 806,551	720 202,201	20,114	19,648
24	29	98 476	34 240,366	684 395,650	19,988	19,522
25	30	98 403	32 741,586	650 155,284	19,857	19,392
26	31	98 326	31 307,288	617 413,698	19,721	19,255
27	32	98 248	29 935,373	586 106,410	19,579	19,113
28	33	98 162	28 621,237	556 171,037	19,432	18,966
29	34	98 077	27 364,890	527 549,800	19,278	18,813
30	35	97 982	26 161,267	500 184,910	19,119	18,654
31	36	97 886	25 010,212	474 023,644	18,953	18,488
32	37	97 773	23 905,530	449 013,432	18,783	18,317
33	38	97 660	22 849,559	425 107,902	18,605	18,139
34	39	97 533	21 837,284	402 258,343	18,421	17,955
35	40	97 397	20 867,656	380 421,060	18,230	17,765
36	41	97 244	19 937,781	359 553,403	18,034	17,568
37	42	97 084	19 047,745	339 615,623	17,830	17,364
38	43	96 912	18 195,318	320 567,877	17,618	17,153
39	44	96 723	17 377,861	302 372,560	17,400	16,934
40	45	96 519	16 594,438	284 994,699	17,174	16,708
41	46	96 291	15 842,253	268 400,261	16,942	16,476
42	47	96 041	15 120,748	252 558,008	16,703	16,237
43	48	95 761	14 427,343	237 437,260	16,457	15,992
44	49	95 451	13 761,413	223 009,917	16,205	15,740
45	50	95 107	13 121,359	209 248,505	15,947	15,482
46	51	94 725	12 505,962	196 127,146	15,683	15,217
47	52	94 310	11 914,905	183 621,184	15,411	14,945
48	53	93 844	11 345,556	171 706,279	15,134	14,669
49	54	93 327	10 797,166	160 360,723	14,852	14,386
50	55	92 753	10 268,704	149 563,557	14,565	14,099
51	56	92 121	9 759,499	139 294,853	14,273	13,807
52	57	91 433	9 269,508	129 535,354	13,974	13,509
53	58	90 665	8 795,832	120 265,846	13,673	13,207
54	59	89 815	8 338,155	111 470,014	13,369	12,903
55	60	88 883	7 896,295	103 131,858	13,061	12,595
56	61	87 860	7 469,319	95 235,564	12,750	12,285
57	62	86 772	7 059,134	87 766,244	12,433	11,967
58	63	85 594	6 663,476	80 707,110	12,112	11,646
59	64	84 313	6 281,080	74 043,634	11,788	11,323
60	65	82 925	5 911,606	67 762,554	11,463	10,997
61	66	81 434	5 555,367	61 850,948	11,134	10,668
62	67	79 836	5 211,797	56 295,581	10,802	10,336
63	68	78 103	4 879,122	51 083,783	10,470	10,004
64	69	76 295	4 560,932	46 204,661	10,131	9,665
65	70	74 366	4 254,151	41 643,729	9,789	9,323
66	71	72 331	3 959,563	37 389,578	9,443	8,977
67	72	70 196	3 677,214	33 430,015	9,091	8,626
68	73	67 942	3 405,893	29 752,801	8,736	8,270
69	74	65 639	3 148,752	26 346,908	8,367	7,902
70	75	63 185	2 900,497	23 198,155	7,998	7,532
71	76	60 591	2 661,672	20 297,658	7,626	7,160
72	77	57 823	2 430,693	17 635,987	7,256	6,790
73	78	54 934	2 209,811	15 205,294	6,881	6,415
74	79	51 880	1 997,074	12 995,483	6,507	6,042
75	80	48 621	1 791,013	10 998,409	6,141	5,675
76	81	45 162	1 591,974	9 207,396	5,784	5,318
77	82	41 547	1 401,476	7 615,423	5,434	4,968
78	83	37 828	1 221,068	6 213,946	5,089	4,623
79	84	33 983	1 049,723	4 992,878	4,756	4,291
80	85	30 042	888,011	3 943,155	4,440	3,975
81	86	26 098	738,211	3 055,144	4,139	3,673
82	87	22 195	600,794	2 316,932	3,856	3,391
83	88	18 458	478,108	1 716,138	3,589	3,124
84	89	14 953	370,641	1 238,030	3,340	2,875
85	90	11 756	278,864	867,388	3,110	2,645
86	91	8 940	202,931	588,525	2,900	2,435
87	92	6 551	142,290	385,593	2,710	2,244
88	93	4 614	95,913	243,303	2,537	2,071
89	94	3 111	61,873	147,391	2,382	1,917
90	95	1 993	37,928	85,517	2,255	1,789
91	96	1 228	22,362	47,589	2,128	1,662
92	97	715	12,468	25,226	2,023	1,558
93	98	401	6,692	12,758	1,907	1,441
94	99	211	3,367	6,066	1,802	1,336
95	100	103	1,567	2,700	1,723	1,257

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 182 816,282	21,909	21,444
1	7	99 270	94 995,618	2 083 185,978	21,929	21,464
2	8	99 238	90 875,655	1 988 190,360	21,878	21,413
3	9	99 217	86 943,403	1 897 314,705	21,822	21,357
4	10	99 198	83 183,334	1 810 371,302	21,764	21,298
5	11	99 180	79 587,328	1 727 187,968	21,702	21,236
6	12	99 164	76 147,273	1 647 600,640	21,637	21,171
7	13	99 145	72 854,883	1 571 453,367	21,570	21,104
8	14	99 129	69 705,746	1 498 598,484	21,499	21,033
9	15	99 110	66 691,630	1 428 892,738	21,425	20,960
10	16	99 090	63 806,626	1 362 201,108	21,349	20,883
11	17	99 068	61 045,662	1 298 394,482	21,269	20,804
12	18	99 045	58 403,132	1 237 348,821	21,186	20,721
13	19	99 017	55 872,405	1 178 945,689	21,101	20,635
14	20	98 988	53 450,984	1 123 073,284	21,011	20,546
15	21	98 958	51 133,619	1 069 622,300	20,918	20,453
16	22	98 927	48 916,238	1 018 488,681	20,821	20,355
17	23	98 884	46 789,643	969 572,443	20,722	20,256
18	24	98 834	44 751,937	922 782,800	20,620	20,154
19	25	98 779	42 801,144	878 030,863	20,514	20,049
20	26	98 719	40 933,296	835 229,719	20,405	19,939
21	27	98 656	39 145,345	794 296,423	20,291	19,825
22	28	98 590	37 434,729	755 151,078	20,172	19,707
23	29	98 521	35 797,621	717 716,349	20,049	19,584
24	30	98 450	34 231,505	681 918,728	19,921	19,455
25	31	98 373	32 731,864	647 687,223	19,788	19,322
26	32	98 295	31 297,294	614 955,359	19,649	19,183
27	33	98 214	29 924,984	583 658,065	19,504	19,038
28	34	98 127	28 611,047	553 733,080	19,354	18,888
29	35	98 038	27 354,187	525 122,034	19,197	18,732
30	36	97 943	26 150,737	497 767,847	19,035	18,569
31	37	97 841	24 998,486	471 617,110	18,866	18,400
32	38	97 728	23 894,528	446 618,624	18,691	18,226
33	39	97 603	22 836,177	422 724,096	18,511	18,046
34	40	97 475	21 824,275	399 887,919	18,323	17,857
35	41	97 331	20 853,493	378 063,644	18,130	17,664
36	42	97 170	19 922,571	357 210,151	17,930	17,464
37	43	97 003	19 031,939	337 287,580	17,722	17,257
38	44	96 825	18 178,943	318 255,640	17,507	17,041
39	45	96 625	17 360,134	300 076,697	17,285	16,820
40	46	96 412	16 575,986	282 716,563	17,056	16,590
41	47	96 169	15 822,138	266 140,577	16,821	16,355
42	48	95 903	15 099,071	250 318,439	16,578	16,113
43	49	95 607	14 404,265	235 219,368	16,330	15,864
44	50	95 278	13 736,485	220 815,103	16,075	15,609
45	51	94 919	13 095,501	207 078,618	15,813	15,347
46	52	94 516	12 478,339	193 983,117	15,546	15,080
47	53	94 078	11 885,651	181 504,779	15,271	14,805
48	54	93 588	11 314,547	169 619,128	14,991	14,526
49	55	93 046	10 764,671	158 304,581	14,706	14,240
50	56	92 446	10 234,679	147 539,910	14,416	13,950
51	57	91 788	9 724,181	137 305,230	14,120	13,654
52	58	91 068	9 232,501	127 581,050	13,819	13,353
53	59	90 265	8 757,038	118 348,549	13,515	13,049
54	60	89 381	8 297,882	109 591,511	13,207	12,742
55	61	88 404	7 853,726	101 293,629	12,898	12,432
56	62	87 369	7 427,528	93 439,903	12,580	12,115
57	63	86 245	7 016,238	86 012,375	12,259	11,793
58	64	85 031	6 619,601	78 996,137	11,934	11,468
59	65	83 699	6 235,308	72 376,536	11,608	11,142
60	66	82 260	5 864,241	66 141,228	11,279	10,813
61	67	80 723	5 506,838	60 276,987	10,946	10,480
62	68	79 062	5 161,272	54 770,148	10,612	10,146
63	69	77 305	4 829,283	49 608,876	10,273	9,807
64	70	75 443	4 509,976	44 779,593	9,929	9,463
65	71	73 460	4 202,321	40 269,617	9,583	9,117
66	72	71 362	3 906,543	36 067,296	9,233	8,767
67	73	69 184	3 624,228	32 160,753	8,874	8,408
68	74	66 890	3 353,161	28 536,525	8,510	8,045
69	75	64 516	3 094,882	25 183,365	8,137	7,671
70	76	61 980	2 845,192	22 088,483	7,763	7,298
71	77	59 269	2 603,578	19 243,291	7,391	6,925
72	78	56 409	2 371,258	16 639,713	7,017	6,552
73	79	53 391	2 147,715	14 268,455	6,644	6,178
74	80	50 172	1 931,324	12 120,741	6,276	5,810
75	81	46 753	1 722,224	10 189,417	5,916	5,451
76	82	43 172	1 521,827	8 467,193	5,564	5,098
77	83	39 455	1 330,924	6 945,366	5,218	4,753
78	84	35 631	1 150,146	5 614,443	4,882	4,416
79	85	31 699	979,160	4 464,296	4,559	4,094
80	86	27 722	819,438	3 485,136	4,253	3,787
81	87	23 777	672,579	2 665,698	3,963	3,498
82	88	19 949	540,000	1 993,120	3,691	3,225
83	89	16 338	423,209	1 453,120	3,434	2,968
84	90	12 995	322,118	1 029,911	3,197	2,732
85	91	10 017	237,609	707,793	2,979	2,513
86	92	7 444	168,974	470,183	2,783	2,317
87	93	5 322	115,603	301,210	2,606	2,140
88	94	3 649	75,848	185,607	2,447	1,981
89	95	2 379	47,322	109,759	2,319	1,854
90	96	1 496	28,483	62,437	2,192	1,726
91	97	897	16,336	33,954	2,078	1,613
92	98	517	9,014	17,618	1,954	1,489
93	99	279	4,653	8,604	1,849	1,384
94	100	141	2,254	3,951	1,753	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 179 968,419	21,882	21,416
1	8	99 266	94 990,935	2 080 344,673	21,900	21,435
2	9	99 232	90 870,029	1 985 353,738	21,848	21,383
3	10	99 210	86 937,777	1 894 483,709	21,791	21,326
4	11	99 192	83 178,405	1 807 545,932	21,731	21,265
5	12	99 173	79 581,400	1 724 367,527	21,668	21,202
6	13	99 156	76 141,249	1 644 786,127	21,602	21,136
7	14	99 137	72 848,638	1 568 644,878	21,533	21,067
8	15	99 118	69 698,431	1 495 796,240	21,461	20,995
9	16	99 098	66 683,287	1 426 097,809	21,386	20,921
10	17	99 076	63 797,623	1 359 414,523	21,308	20,843
11	18	99 054	61 036,723	1 295 616,900	21,227	20,761
12	19	99 025	58 391,238	1 234 580,177	21,143	20,678
13	20	98 998	55 861,620	1 176 188,938	21,055	20,590
14	21	98 970	53 441,086	1 120 327,318	20,964	20,498
15	22	98 942	51 125,153	1 066 886,232	20,868	20,403
16	23	98 910	48 907,774	1 015 761,079	20,769	20,303
17	24	98 863	46 779,490	966 853,305	20,668	20,203
18	25	98 817	44 744,348	920 073,815	20,563	20,097
19	26	98 761	42 793,163	875 329,467	20,455	19,989
20	27	98 700	40 925,332	832 536,303	20,343	19,877
21	28	98 634	39 136,794	791 610,971	20,227	19,761
22	29	98 565	37 425,393	752 474,177	20,106	19,640
23	30	98 496	35 788,357	715 048,784	19,980	19,514
24	31	98 421	34 221,341	679 260,427	19,849	19,383
25	32	98 342	32 721,416	645 039,086	19,713	19,247
26	33	98 261	31 286,433	612 317,670	19,571	19,106
27	34	98 179	29 914,330	581 031,237	19,423	18,958
28	35	98 089	28 599,856	551 116,908	19,270	18,804
29	36	97 999	27 343,177	522 517,051	19,110	18,644
30	37	97 897	26 138,477	495 173,874	18,944	18,479
31	38	97 795	24 986,981	469 035,398	18,771	18,306
32	39	97 671	23 880,534	444 048,416	18,595	18,129
33	40	97 544	22 822,573	420 167,883	18,410	17,945
34	41	97 409	21 809,463	397 345,310	18,219	17,753
35	42	97 256	20 837,585	375 535,847	18,022	17,556
36	43	97 089	19 906,039	354 698,262	17,819	17,353
37	44	96 916	19 014,812	334 792,223	17,607	17,141
38	45	96 726	18 160,400	315 777,411	17,388	16,923
39	46	96 517	17 340,831	297 617,011	17,163	16,697
40	47	96 290	16 554,939	280 276,180	16,930	16,464
41	48	96 031	15 799,456	263 721,241	16,692	16,226
42	49	95 750	15 074,919	247 921,785	16,446	15,980
43	50	95 434	14 378,173	232 846,866	16,194	15,729
44	51	95 090	13 709,414	218 468,693	15,936	15,470
45	52	94 710	13 066,576	204 759,279	15,670	15,205
46	53	94 284	12 447,701	191 692,703	15,400	14,934
47	54	93 821	11 853,166	179 245,002	15,122	14,657
48	55	93 306	11 280,495	167 391,837	14,839	14,373
49	56	92 738	10 729,003	156 111,342	14,550	14,085
50	57	92 112	10 197,641	145 382,339	14,256	13,791
51	58	91 421	9 685,359	135 184,698	13,958	13,492
52	59	90 666	9 191,781	125 499,339	13,653	13,188
53	60	89 829	8 714,741	116 307,558	13,346	12,880
54	61	88 899	8 253,148	107 592,817	13,037	12,571
55	62	87 909	7 809,783	99 339,669	12,720	12,254
56	63	86 838	7 382,393	91 529,885	12,398	11,933
57	64	85 677	6 970,040	84 147,492	12,073	11,607
58	65	84 411	6 571,362	77 177,452	11,745	11,279
59	66	83 028	6 185,349	70 606,090	11,415	10,949
60	67	81 542	5 813,015	64 420,740	11,082	10,617
61	68	79 940	5 453,453	58 607,726	10,747	10,281
62	69	78 254	5 108,551	53 154,273	10,405	9,939
63	70	76 442	4 775,329	48 045,722	10,061	9,596
64	71	74 523	4 455,029	43 270,393	9,713	9,247
65	72	72 476	4 146,050	38 815,364	9,362	8,896
66	73	70 334	3 850,253	34 669,314	9,004	8,539
67	74	68 113	3 568,114	30 819,061	8,637	8,172
68	75	65 746	3 295,794	27 250,947	8,268	7,803
69	76	63 286	3 035,870	23 955,153	7,891	7,425
70	77	60 627	2 783,092	20 919,283	7,517	7,051
71	78	57 820	2 539,916	18 136,190	7,140	6,675
72	79	54 824	2 304,625	15 596,275	6,767	6,302
73	80	51 633	2 077,005	13 291,650	6,399	5,934
74	81	48 245	1 857,145	11 214,645	6,039	5,573
75	82	44 693	1 646,338	9 357,500	5,684	5,218
76	83	40 999	1 445,216	7 711,162	5,336	4,870
77	84	37 164	1 253,621	6 265,946	4,998	4,533
78	85	33 236	1 072,832	5 012,325	4,672	4,206
79	86	29 251	903,548	3 939,492	4,360	3,894
80	87	25 257	746,584	3 035,944	4,066	3,601
81	88	21 371	604,521	2 289,361	3,787	3,321
82	89	17 659	477,994	1 684,840	3,525	3,059
83	90	14 199	367,804	1 206,846	3,281	2,816
84	91	11 073	274,465	839,042	3,057	2,591
85	92	8 341	197,849	564,578	2,854	2,388
86	93	6 048	137,281	366,729	2,671	2,206
87	94	4 209	91,419	229,447	2,510	2,044
88	95	2 791	58,010	138,029	2,379	1,914
89	96	1 787	35,538	80,018	2,252	1,786
90	97	1 093	20,807	44,481	2,138	1,672
91	98	648	11,810	23,674	2,005	1,539
92	99	360	6,267	11,863	1,893	1,427
93	100	187	3,115	5,596	1,797	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 176 919,394	21,852	21,387
1	9	99 259	94 985,054	2 077 300,559	21,870	21,404
2	10	99 226	90 864,149	1 982 315,505	21,816	21,351
3	11	99 205	86 932,626	1 891 451,356	21,758	21,292
4	12	99 184	83 172,210	1 804 518,730	21,696	21,231
5	13	99 165	79 575,104	1 721 346,521	21,632	21,166
6	14	99 147	76 134,722	1 641 771,417	21,564	21,098
7	15	99 127	72 840,993	1 565 636,695	21,494	21,028
8	16	99 106	69 689,712	1 492 795,701	21,421	20,955
9	17	99 084	66 673,877	1 423 105,990	21,344	20,879
10	18	99 061	63 788,282	1 356 432,112	21,265	20,799
11	19	99 033	61 024,294	1 292 643,830	21,182	20,717
12	20	99 006	58 379,968	1 231 619,537	21,097	20,631
13	21	98 979	55 851,276	1 173 239,569	21,006	20,541
14	22	98 954	53 432,239	1 117 388,293	20,912	20,447
15	23	98 924	51 116,306	1 063 956,054	20,814	20,349
16	24	98 888	48 897,161	1 012 839,748	20,714	20,248
17	25	98 846	46 771,558	963 942,586	20,610	20,144
18	26	98 799	44 736,005	917 171,029	20,502	20,036
19	27	98 741	42 784,837	872 435,024	20,391	19,926
20	28	98 679	40 916,393	829 650,187	20,277	19,811
21	29	98 610	39 127,034	788 733,794	20,158	19,693
22	30	98 540	37 415,708	749 606,760	20,035	19,569
23	31	98 466	35 777,730	712 191,052	19,906	19,440
24	32	98 390	34 210,417	676 413,322	19,772	19,307
25	33	98 308	32 710,060	642 202,904	19,633	19,168
26	34	98 226	31 275,293	609 492,844	19,488	19,022
27	35	98 141	29 902,630	578 217,551	19,337	18,871
28	36	98 049	28 588,346	548 314,921	19,180	18,714
29	37	97 953	27 330,357	519 726,576	19,016	18,551
30	38	97 852	26 126,447	492 396,218	18,847	18,381
31	39	97 738	24 972,347	466 269,771	18,671	18,206
32	40	97 613	23 866,308	441 297,424	18,490	18,025
33	41	97 478	22 807,083	417 431,116	18,303	17,837
34	42	97 335	21 792,826	394 624,033	18,108	17,642
35	43	97 176	20 820,294	372 831,207	17,907	17,441
36	44	97 002	19 888,125	352 010,913	17,700	17,234
37	45	96 817	18 995,416	332 122,788	17,484	17,019
38	46	96 619	18 140,206	313 127,372	17,262	16,796
39	47	96 395	17 318,813	294 987,166	17,033	16,567
40	48	96 152	16 531,207	277 668,354	16,797	16,331
41	49	95 877	15 774,184	261 137,147	16,555	16,089
42	50	95 577	15 047,612	245 362,963	16,306	15,840
43	51	95 246	14 349,838	230 315,351	16,050	15,584
44	52	94 880	13 679,133	215 965,513	15,788	15,322
45	53	94 477	13 034,493	202 286,380	15,519	15,054
46	54	94 026	12 413,679	189 251,887	15,245	14,780
47	55	93 539	11 817,492	176 838,207	14,964	14,498
48	56	92 997	11 243,118	165 020,715	14,677	14,212
49	57	92 402	10 690,176	153 777,597	14,385	13,919
50	58	91 744	10 156,930	143 087,421	14,088	13,622
51	59	91 018	9 642,641	132 930,492	13,786	13,320
52	60	90 229	9 147,385	123 287,851	13,478	13,012
53	61	89 345	8 667,760	114 140,466	13,168	12,703
54	62	88 402	8 206,971	105 472,707	12,852	12,386
55	63	87 375	7 762,326	97 265,736	12,530	12,065
56	64	86 266	7 333,785	89 503,410	12,204	11,739
57	65	85 053	6 919,247	82 169,625	11,876	11,410
58	66	83 735	6 518,711	75 250,378	11,544	11,078
59	67	82 303	6 131,318	68 731,667	11,210	10,744
60	68	80 751	5 756,661	62 600,349	10,874	10,409
61	69	79 124	5 397,747	56 843,688	10,531	10,065
62	70	77 380	5 051,477	51 445,941	10,184	9,719
63	71	75 510	4 717,149	46 394,464	9,835	9,370
64	72	73 526	4 395,374	41 677,315	9,482	9,016
65	73	71 432	4 086,308	37 281,940	9,124	8,658
66	74	69 245	3 790,640	33 195,632	8,757	8,292
67	75	66 948	3 507,070	29 404,992	8,384	7,919
68	76	64 492	3 232,951	25 897,922	8,011	7,545
69	77	61 905	2 969,609	22 664,971	7,632	7,167
70	78	59 145	2 715,040	19 695,362	7,254	6,789
71	79	56 195	2 468,543	16 980,322	6,879	6,413
72	80	53 019	2 228,749	14 511,778	6,511	6,046
73	81	49 650	1 997,231	12 283,029	6,150	5,684
74	82	46 119	1 775,315	10 285,798	5,794	5,328
75	83	42 443	1 563,459	8 510,483	5,443	4,978
76	84	38 617	1 361,275	6 947,024	5,103	4,638
77	85	34 666	1 169,351	5 585,749	4,777	4,311
78	86	30 669	989,987	4 416,398	4,461	3,995
79	87	26 650	823,215	3 426,411	4,162	3,697
80	88	22 701	671,037	2 603,195	3,879	3,414
81	89	18 917	535,106	1 932,159	3,611	3,145
82	90	15 347	415,416	1 397,052	3,363	2,897
83	91	12 099	313,392	981,636	3,132	2,667
84	92	9 220	228,537	668,244	2,924	2,458
85	93	6 777	160,741	439,707	2,736	2,270
86	94	4 783	108,562	278,966	2,570	2,104
87	95	3 219	69,919	170,404	2,437	1,972
88	96	2 096	43,564	100,485	2,307	1,841
89	97	1 305	25,961	56,921	2,193	1,727
90	98	790	15,042	30,960	2,058	1,593
91	99	451	8,211	15,917	1,939	1,473
92	100	241	4,196	7,706	1,837	1,371

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 173 658,177	21,821	21,355
1	10	99 253	94 978,908	2 074 045,510	21,837	21,371
2	11	99 220	90 858,765	1 979 066,602	21,782	21,316
3	12	99 197	86 926,150	1 888 207,837	21,722	21,256
4	13	99 177	83 165,629	1 801 281,687	21,659	21,193
5	14	99 157	79 568,283	1 718 116,057	21,593	21,127
6	15	99 137	76 126,733	1 638 547,774	21,524	21,058
7	16	99 114	72 831,881	1 562 421,042	21,452	20,987
8	17	99 092	69 679,878	1 489 589,161	21,378	20,912
9	18	99 069	66 664,115	1 419 909,282	21,299	20,834
10	19	99 041	63 775,292	1 353 245,167	21,219	20,753
11	20	99 014	61 012,515	1 289 469,876	21,135	20,669
12	21	98 987	58 369,157	1 228 457,361	21,046	20,581
13	22	98 963	55 842,030	1 170 088,204	20,954	20,488
14	23	98 936	53 422,992	1 114 246,174	20,857	20,391
15	24	98 903	51 105,215	1 060 823,182	20,758	20,292
16	25	98 871	48 888,870	1 009 717,967	20,653	20,188
17	26	98 827	46 762,837	960 829,097	20,547	20,081
18	27	98 779	44 727,301	914 066,260	20,436	19,971
19	28	98 720	42 775,492	869 338,959	20,323	19,858
20	29	98 654	40 906,188	826 563,468	20,206	19,741
21	30	98 584	39 116,908	785 657,279	20,085	19,619
22	31	98 511	37 404,598	746 540,371	19,959	19,493
23	32	98 435	35 766,310	709 135,773	19,827	19,361
24	33	98 355	34 198,545	673 369,462	19,690	19,224
25	34	98 273	32 698,414	639 170,918	19,547	19,082
26	35	98 187	31 263,061	606 472,504	19,399	18,933
27	36	98 101	29 890,594	575 209,443	19,244	18,778
28	37	98 003	28 574,942	545 318,848	19,084	18,618
29	38	97 908	27 317,779	516 743,906	18,916	18,450
30	39	97 795	26 111,146	489 426,127	18,744	18,278
31	40	97 680	24 957,471	463 314,981	18,564	18,099
32	41	97 546	23 850,110	438 357,510	18,380	17,914
33	42	97 404	22 789,685	414 507,400	18,188	17,723
34	43	97 254	21 774,742	391 717,716	17,990	17,524
35	44	97 088	20 801,557	369 942,974	17,784	17,319
36	45	96 903	19 867,838	349 141,417	17,573	17,108
37	46	96 709	18 974,294	329 273,579	17,354	16,888
38	47	96 496	18 117,173	310 299,285	17,127	16,662
39	48	96 257	17 293,985	292 182,112	16,895	16,429
40	49	95 998	16 504,764	274 888,126	16,655	16,189
41	50	95 703	15 745,610	258 383,363	16,410	15,944
42	51	95 388	15 017,958	242 637,753	16,157	15,691
43	52	95 036	14 318,142	227 619,795	15,897	15,432
44	53	94 647	13 645,547	213 301,653	15,632	15,166
45	54	94 219	12 998,868	199 656,106	15,359	14,894
46	55	93 743	12 376,319	186 657,237	15,082	14,616
47	56	93 229	11 778,336	174 280,919	14,797	14,331
48	57	92 660	11 202,430	162 502,583	14,506	14,040
49	58	92 033	10 647,498	151 300,152	14,210	13,744
50	59	91 339	10 112,132	140 652,655	13,909	13,444
51	60	90 578	9 596,067	130 540,523	13,604	13,138
52	61	89 742	9 098,071	120 944,456	13,293	12,828
53	62	88 845	8 619,263	111 846,385	12,976	12,511
54	63	87 865	8 157,100	103 227,122	12,655	12,189
55	64	86 800	7 711,216	95 070,022	12,329	11,863
56	65	85 637	7 280,341	87 358,806	11,999	11,534
57	66	84 371	6 863,809	80 078,466	11,667	11,201
58	67	83 003	6 461,768	73 214,657	11,330	10,865
59	68	81 505	6 071,878	66 752,889	10,994	10,528
60	69	79 926	5 697,858	60 681,011	10,650	10,184
61	70	78 240	5 337,442	54 983,153	10,301	9,836
62	71	76 437	4 989,932	49 645,711	9,949	9,484
63	72	74 499	4 653,985	44 655,778	9,595	9,130
64	73	72 466	4 332,040	40 001,794	9,234	8,768
65	74	70 326	4 023,041	35 669,754	8,866	8,401
66	75	68 060	3 725,788	31 646,713	8,494	8,028
67	76	65 671	3 440,199	27 920,924	8,116	7,650
68	77	63 085	3 162,388	24 480,726	7,741	7,276
69	78	60 391	2 896,997	21 318,337	7,359	6,893
70	79	57 483	2 638,747	18 421,341	6,981	6,515
71	80	54 345	2 387,271	15 782,594	6,611	6,146
72	81	50 983	2 143,147	13 395,323	6,250	5,785
73	82	47 462	1 909,228	11 252,176	5,894	5,428
74	83	43 797	1 685,943	9 342,948	5,542	5,076
75	84	39 978	1 472,650	7 657,005	5,199	4,734
76	85	36 022	1 269,769	6 184,355	4,870	4,405
77	86	31 989	1 079,053	4 914,586	4,555	4,089
78	87	27 942	901,969	3 835,533	4,252	3,787
79	88	23 953	739,914	2 933,564	3,965	3,499
80	89	20 095	593,985	2 193,649	3,693	3,227
81	90	16 441	465,051	1 599,665	3,440	2,974
82	91	13 076	353,961	1 134,613	3,205	2,740
83	92	10 074	260,950	780,652	2,992	2,526
84	93	7 491	185,673	519,702	2,799	2,333
85	94	5 359	127,114	334,029	2,628	2,162
86	95	3 658	83,031	206,915	2,492	2,026
87	96	2 417	52,507	123,883	2,359	1,894
88	97	1 531	31,824	71,376	2,243	1,777
89	98	944	18,768	39,552	2,107	1,642
90	99	549	10,459	20,784	1,987	1,522
91	100	302	5,497	10,325	1,878	1,413

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 170 176,630	21,788	21,322
1	11	99 247	94 973,280	2 070 570,408	21,802	21,336
2	12	99 213	90 851,997	1 975 597,128	21,745	21,280
3	13	99 189	86 919,273	1 884 745,131	21,684	21,218
4	14	99 168	83 158,500	1 797 825,858	21,619	21,154
5	15	99 146	79 559,933	1 714 667,357	21,552	21,086
6	16	99 124	76 117,209	1 635 107,424	21,481	21,016
7	17	99 100	72 821,604	1 558 990,215	21,408	20,943
8	18	99 077	69 669,676	1 486 168,611	21,332	20,866
9	19	99 049	66 650,540	1 416 498,935	21,253	20,787
10	20	99 022	63 762,982	1 349 848,395	21,170	20,704
11	21	98 996	61 001,217	1 286 085,414	21,083	20,617
12	22	98 971	58 359,494	1 225 084,197	20,992	20,526
13	23	98 946	55 832,366	1 166 724,703	20,897	20,431
14	24	98 915	53 411,400	1 110 892,336	20,799	20,333
15	25	98 886	51 096,549	1 057 480,936	20,696	20,230
16	26	98 853	48 879,754	1 006 384,387	20,589	20,123
17	27	98 808	46 753,738	957 504,633	20,480	20,014
18	28	98 758	44 717,531	910 750,895	20,367	19,901
19	29	98 695	42 764,824	866 033,364	20,251	19,785
20	30	98 628	40 895,603	823 268,540	20,131	19,665
21	31	98 555	39 105,293	782 372,938	20,007	19,541
22	32	98 479	37 392,659	743 267,645	19,877	19,412
23	33	98 401	35 753,898	705 874,986	19,743	19,277
24	34	98 320	34 186,368	670 121,088	19,602	19,136
25	35	98 235	32 685,625	635 934,719	19,456	18,990
26	36	98 148	31 250,478	603 249,094	19,304	18,838
27	37	98 055	29 876,580	571 998,616	19,145	18,680
28	38	97 958	28 561,791	542 122,036	18,981	18,515
29	39	97 851	27 301,780	513 560,245	18,811	18,345
30	40	97 736	26 095,591	486 258,465	18,634	18,168
31	41	97 614	24 940,533	460 162,873	18,450	17,985
32	42	97 472	23 831,916	435 222,341	18,262	17,797
33	43	97 323	22 770,774	411 390,425	18,067	17,601
34	44	97 166	21 755,146	388 619,651	17,863	17,398
35	45	96 989	20 780,339	366 864,506	17,654	17,189
36	46	96 795	19 845,746	346 084,167	17,439	16,973
37	47	96 587	18 950,202	326 238,421	17,216	16,750
38	48	96 358	18 091,201	307 288,219	16,986	16,520
39	49	96 103	17 266,322	289 197,018	16,749	16,284
40	50	95 824	16 474,866	271 930,696	16,506	16,040
41	51	95 515	15 714,580	255 455,830	16,256	15,790
42	52	95 178	14 984,787	239 741,249	15,999	15,533
43	53	94 802	14 282,987	224 756,463	15,736	15,270
44	54	94 389	13 608,252	210 473,475	15,467	15,001
45	55	93 935	12 959,746	196 865,224	15,191	14,725
46	56	93 433	12 335,311	183 905,477	14,909	14,443
47	57	92 891	11 735,712	171 570,166	14,619	14,154
48	58	92 290	11 157,707	159 834,455	14,325	13,859
49	59	91 628	10 600,536	148 676,748	14,025	13,560
50	60	90 898	10 063,290	138 076,211	13,721	13,255
51	61	90 090	9 544,335	128 012,921	13,412	12,947
52	62	89 240	9 047,166	118 468,586	13,095	12,629
53	63	88 305	8 566,887	109 421,420	12,773	12,307
54	64	87 286	8 103,390	100 854,534	12,446	11,980
55	65	86 167	7 655,022	92 751,144	12,116	11,651
56	66	84 951	7 222,010	85 096,122	11,783	11,317
57	67	83 634	6 803,851	77 874,112	11,446	10,980
58	68	82 199	6 399,125	71 070,262	11,106	10,641
59	69	80 672	6 009,855	64 671,137	10,761	10,295
60	70	79 033	5 634,200	58 661,282	10,412	9,946
61	71	77 286	5 272,413	53 027,081	10,057	9,592
62	72	75 414	4 923,115	47 754,668	9,700	9,234
63	73	73 426	4 586,924	42 831,553	9,338	8,872
64	74	71 344	4 264,968	38 244,629	8,967	8,502
65	75	69 122	3 954,213	33 979,661	8,593	8,128
66	76	66 762	3 654,747	30 025,448	8,215	7,750
67	77	64 238	3 365,112	26 370,701	7,836	7,371
68	78	61 542	3 085,062	23 005,588	7,457	6,991
69	79	58 694	2 815,590	19 920,526	7,075	6,609
70	80	55 590	2 551,871	17 104,936	6,703	6,237
71	81	52 258	2 295,581	14 553,065	6,340	5,874
72	82	48 737	2 048,715	12 257,485	5,983	5,517
73	83	45 073	1 813,114	10 208,770	5,631	5,165
74	84	41 254	1 588,020	8 395,656	5,287	4,821
75	85	37 291	1 373,657	6 807,636	4,956	4,490
76	86	33 240	1 171,716	5 433,978	4,638	4,172
77	87	29 145	983,117	4 262,262	4,335	3,870
78	88	25 115	810,699	3 279,146	4,045	3,579
79	89	21 203	654,954	2 468,447	3,769	3,303
80	90	17 464	516,222	1 813,493	3,513	3,047
81	91	14 009	396,253	1 297,272	3,274	2,808
82	92	10 888	294,731	901,019	3,057	2,591
83	93	8 185	212,007	606,288	2,860	2,394
84	94	5 924	146,831	394,281	2,685	2,220
85	95	4 099	97,220	247,450	2,545	2,080
86	96	2 747	62,354	150,230	2,409	1,944
87	97	1 766	38,357	87,876	2,291	1,825
88	98	1 107	23,007	49,519	2,152	1,687
89	99	656	13,049	26,512	2,032	1,566
90	100	368	7,002	13,463	1,923	1,457

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 166 465,536	21,752	21,286
1	12	99 240	94 966,206	2 066 865,217	21,764	21,299
2	13	99 205	90 844,809	1 971 899,011	21,706	21,241
3	14	99 181	86 911,823	1 881 054,201	21,643	21,178
4	15	99 158	83 149,774	1 794 142,378	21,577	21,112
5	16	99 134	79 549,980	1 710 992,604	21,508	21,043
6	17	99 110	76 106,469	1 631 442,624	21,436	20,971
7	18	99 086	72 810,942	1 555 336,155	21,361	20,896
8	19	99 057	69 655,488	1 482 525,213	21,284	20,818
9	20	99 030	66 637,674	1 412 869,725	21,202	20,737
10	21	99 004	63 751,175	1 346 232,051	21,117	20,651
11	22	98 980	60 991,118	1 282 480,876	21,027	20,562
12	23	98 954	58 349,395	1 221 489,758	20,934	20,468
13	24	98 924	55 820,252	1 163 140,363	20,837	20,372
14	25	98 898	53 402,343	1 107 320,112	20,735	20,270
15	26	98 868	51 087,021	1 053 917,768	20,630	20,164
16	27	98 834	48 870,243	1 002 830,747	20,520	20,055
17	28	98 787	46 743,526	953 960,503	20,408	19,943
18	29	98 733	44 706,379	907 216,978	20,293	19,827
19	30	98 670	42 753,757	862 510,599	20,174	19,708
20	31	98 599	40 883,459	819 756,842	20,051	19,585
21	32	98 523	39 092,811	778 873,383	19,924	19,458
22	33	98 445	37 379,682	739 780,572	19,791	19,325
23	34	98 366	35 741,168	702 400,890	19,652	19,187
24	35	98 282	34 172,998	666 659,722	19,508	19,043
25	36	98 195	32 672,470	632 486,725	19,358	18,893
26	37	98 102	31 235,827	599 814,255	19,203	18,737
27	38	98 010	29 862,830	568 578,429	19,040	18,574
28	39	97 901	28 545,064	538 715,598	18,872	18,407
29	40	97 792	27 285,517	510 170,535	18,697	18,232
30	41	97 670	26 077,880	482 885,018	18,517	18,051
31	42	97 539	24 921,506	456 807,138	18,330	17,864
32	43	97 391	23 812,140	431 885,631	18,137	17,672
33	44	97 235	22 750,282	408 073,492	17,937	17,471
34	45	97 067	21 732,955	385 323,210	17,730	17,264
35	46	96 881	20 757,232	363 590,256	17,516	17,051
36	47	96 672	19 820,547	342 833,024	17,297	16,831
37	48	96 448	18 923,036	323 012,477	17,070	16,604
38	49	96 204	18 062,263	304 089,441	16,836	16,370
39	50	95 929	17 235,045	286 027,178	16,596	16,130
40	51	95 635	16 442,400	268 792,132	16,348	15,882
41	52	95 304	15 679,870	252 349,733	16,094	15,628
42	53	94 944	14 947,994	236 669,863	15,833	15,367
43	54	94 543	14 243,950	221 721,868	15,566	15,100
44	55	94 104	13 567,296	207 477,918	15,293	14,827
45	56	93 624	12 916,806	193 910,622	15,012	14,547
46	57	93 095	12 290,671	180 993,817	14,726	14,260
47	58	92 520	11 688,859	168 703,146	14,433	13,967
48	59	91 883	11 108,495	157 014,286	14,135	13,669
49	60	91 185	10 549,336	145 905,791	13,831	13,365
50	61	90 408	10 009,039	135 356,455	13,523	13,058
51	62	89 586	9 490,933	125 347,416	13,207	12,741
52	63	88 698	8 992,190	115 856,483	12,884	12,419
53	64	87 724	8 510,479	106 864,294	12,557	12,091
54	65	86 650	8 044,338	98 353,815	12,226	11,761
55	66	85 477	7 593,688	90 309,477	11,893	11,427
56	67	84 209	7 158,922	82 715,789	11,554	11,089
57	68	82 823	6 737,891	75 556,867	11,214	10,748
58	69	81 359	6 333,759	68 818,975	10,865	10,400
59	70	79 771	5 942,712	62 485,216	10,515	10,049
60	71	78 070	5 565,556	56 542,504	10,159	9,694
61	72	76 252	5 201,814	50 976,948	9,800	9,334
62	73	74 327	4 852,176	45 775,134	9,434	8,968
63	74	72 289	4 515,906	40 922,958	9,062	8,596
64	75	70 124	4 192,001	36 407,052	8,685	8,219
65	76	67 804	3 878,816	32 215,051	8,305	7,840
66	77	65 305	3 574,978	28 336,235	7,926	7,461
67	78	62 667	3 282,829	24 761,257	7,543	7,077
68	79	59 813	2 998,371	21 478,428	7,163	6,698
69	80	56 762	2 722,892	18 480,057	6,787	6,321
70	81	53 455	2 453,859	15 757,165	6,421	5,956
71	82	49 955	2 194,431	13 303,306	6,062	5,597
72	83	46 283	1 945,579	11 108,875	5,710	5,244
73	84	42 455	1 707,805	9 163,296	5,366	4,900
74	85	38 480	1 481,272	7 455,490	5,033	4,568
75	86	34 411	1 267,582	5 974,219	4,713	4,247
76	87	30 285	1 067,541	4 706,637	4,409	3,943
77	88	26 196	883,635	3 639,096	4,118	3,653
78	89	22 231	717,611	2 755,461	3,840	3,374
79	90	18 427	569,208	2 037,850	3,580	3,115
80	91	14 880	439,853	1 468,642	3,339	2,873
81	92	11 664	329,946	1 028,789	3,118	2,652
82	93	8 846	239,451	698,843	2,919	2,453
83	94	6 472	167,656	459,391	2,740	2,274
84	95	4 531	112,300	291,736	2,598	2,132
85	96	3 078	73,009	179,436	2,458	1,992
86	97	2 007	45,550	106,426	2,336	1,871
87	98	1 277	27,730	60,876	2,195	1,730
88	99	770	15,996	33,146	2,072	1,607
89	100	439	8,736	17,150	1,963	1,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 162 514,664	21,714	21,248
1	13	99 232	94 958,693	2 062 921,764	21,724	21,259
2	14	99 196	90 837,022	1 967 963,071	21,665	21,199
3	15	99 170	86 902,702	1 877 126,048	21,600	21,135
4	16	99 145	83 139,372	1 790 223,346	21,533	21,067
5	17	99 120	79 538,755	1 707 083,974	21,462	20,997
6	18	99 096	76 095,326	1 627 545,218	21,388	20,923
7	19	99 065	72 796,114	1 551 449,893	21,312	20,847
8	20	99 038	69 642,043	1 478 653,778	21,232	20,767
9	21	99 012	66 625,335	1 409 011,735	21,148	20,683
10	22	98 987	63 740,620	1 342 386,400	21,060	20,595
11	23	98 962	60 980,563	1 278 645,780	20,968	20,502
12	24	98 932	58 336,734	1 217 665,217	20,873	20,407
13	25	98 908	55 810,786	1 159 328,482	20,772	20,307
14	26	98 880	53 392,386	1 103 517,696	20,668	20,202
15	27	98 849	51 077,081	1 050 125,310	20,560	20,094
16	28	98 812	48 859,569	999 048,229	20,447	19,982
17	29	98 762	46 731,868	950 188,660	20,333	19,867
18	30	98 708	44 694,810	903 456,792	20,214	19,748
19	31	98 640	42 741,062	858 761,983	20,092	19,627
20	32	98 568	40 870,409	816 020,921	19,966	19,500
21	33	98 489	39 079,244	775 150,511	19,835	19,370
22	34	98 410	37 366,373	736 071,267	19,699	19,233
23	35	98 327	35 727,189	698 704,894	19,557	19,091
24	36	98 242	34 159,243	662 977,705	19,408	18,943
25	37	98 149	32 657,151	628 818,462	19,255	18,790
26	38	98 057	31 221,451	596 161,311	19,095	18,629
27	39	97 953	29 845,341	564 939,860	18,929	18,463
28	40	97 843	28 528,059	535 094,519	18,757	18,291
29	41	97 726	27 266,998	506 566,460	18,578	18,112
30	42	97 595	26 057,987	479 299,462	18,394	17,928
31	43	97 458	24 900,826	453 241,475	18,202	17,736
32	44	97 304	23 790,710	428 340,649	18,005	17,539
33	45	97 136	22 727,075	404 549,939	17,800	17,335
34	46	96 959	21 708,789	381 822,863	17,588	17,123
35	47	96 758	20 730,876	360 114,075	17,371	16,905
36	48	96 534	19 792,134	339 383,199	17,147	16,682
37	49	96 294	18 892,767	319 591,065	16,916	16,450
38	50	96 029	18 029,544	300 698,298	16,678	16,212
39	51	95 739	17 201,081	282 668,754	16,433	15,968
40	52	95 424	16 406,082	265 467,673	16,181	15,715
41	53	95 070	15 641,371	249 061,591	15,923	15,458
42	54	94 684	14 907,140	233 420,220	15,658	15,193
43	55	94 259	14 201,081	218 513,080	15,387	14,921
44	56	93 793	13 522,342	204 312,000	15,109	14,644
45	57	93 285	12 870,061	190 789,658	14,824	14,359
46	58	92 723	12 241,603	177 919,596	14,534	14,068
47	59	92 112	11 637,305	165 677,993	14,237	13,771
48	60	91 440	11 054,841	154 040,688	13,934	13,469
49	61	90 693	10 492,464	142 985,847	13,627	13,162
50	62	89 902	9 953,037	132 493,383	13,312	12,846
51	63	89 042	9 433,260	122 540,346	12,990	12,525
52	64	88 114	8 932,982	113 107,086	12,662	12,196
53	65	87 085	8 448,460	104 174,104	12,331	11,865
54	66	85 956	7 979,885	95 725,644	11,996	11,530
55	67	84 730	7 527,354	87 745,759	11,657	11,191
56	68	83 393	7 089,521	80 218,405	11,315	10,849
57	69	81 977	6 669,065	73 128,884	10,965	10,500
58	70	80 450	6 262,997	66 459,819	10,612	10,146
59	71	78 799	5 870,309	60 196,822	10,254	9,789
60	72	77 025	5 491,031	54 326,513	9,894	9,428
61	73	75 153	5 126,859	48 835,482	9,525	9,060
62	74	73 176	4 777,051	43 708,622	9,150	8,684
63	75	71 052	4 438,646	38 931,571	8,771	8,305
64	76	68 786	4 112,070	34 492,925	8,388	7,923
65	77	66 325	3 794,157	30 380,855	8,007	7,542
66	78	63 708	3 487,563	26 586,698	7,623	7,158
67	79	60 906	3 190,581	23 099,135	7,240	6,774
68	80	57 843	2 899,655	19 908,554	6,866	6,400
69	81	54 581	2 618,311	17 008,900	6,496	6,031
70	82	51 100	2 345,735	14 390,589	6,135	5,669
71	83	47 440	2 083,960	12 044,853	5,780	5,314
72	84	43 595	1 832,576	9 960,893	5,435	4,970
73	85	39 601	1 593,005	8 128,317	5,103	4,637
74	86	35 509	1 366,886	6 535,312	4,781	4,316
75	87	31 352	1 154,884	5 168,426	4,475	4,010
76	88	27 220	959,517	4 013,542	4,183	3,717
77	89	23 188	782,171	3 054,025	3,905	3,439
78	90	19 321	623,662	2 271,854	3,643	3,177
79	91	15 701	485,001	1 648,191	3,398	2,933
80	92	12 390	366,250	1 163,190	3,176	2,710
81	93	9 477	268,062	796,940	2,973	2,507
82	94	6 996	189,359	528,878	2,793	2,327
83	95	4 950	128,228	339,519	2,648	2,182
84	96	3 402	84,334	211,292	2,505	2,040
85	97	2 248	53,334	126,958	2,380	1,915
86	98	1 451	32,930	73,624	2,236	1,770
87	99	888	19,280	40,693	2,111	1,645
88	100	515	10,709	21,413	2,000	1,534

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 158 315,699	21,673	21,207
1	14	99 223	94 950,553	2 058 730,677	21,682	21,217
2	15	99 186	90 827,490	1 963 780,124	21,621	21,155
3	16	99 158	86 891,831	1 872 952,634	21,555	21,089
4	17	99 131	83 127,641	1 786 060,803	21,486	21,020
5	18	99 105	79 527,110	1 702 933,162	21,413	20,948
6	19	99 076	76 079,829	1 623 406,053	21,338	20,873
7	20	99 046	72 782,063	1 547 326,223	21,260	20,794
8	21	99 020	69 629,147	1 474 544,160	21,177	20,711
9	22	98 995	66 614,305	1 404 915,013	21,090	20,625
10	23	98 970	63 729,590	1 338 300,708	21,000	20,534
11	24	98 941	60 967,332	1 274 571,118	20,906	20,440
12	25	98 915	58 326,842	1 213 603,786	20,807	20,341
13	26	98 889	55 800,380	1 155 276,944	20,704	20,238
14	27	98 861	53 381,997	1 099 476,565	20,596	20,131
15	28	98 827	51 065,925	1 046 094,567	20,485	20,020
16	29	98 787	48 847,383	995 028,643	20,370	19,905
17	30	98 736	46 719,775	946 181,259	20,252	19,787
18	31	98 678	44 681,538	899 461,485	20,130	19,665
19	32	98 609	42 727,419	854 779,946	20,005	19,540
20	33	98 534	40 856,226	812 052,527	19,876	19,410
21	34	98 454	39 065,330	771 196,302	19,741	19,276
22	35	98 372	37 351,758	732 130,972	19,601	19,135
23	36	98 288	35 712,809	694 779,213	19,455	18,989
24	37	98 196	34 143,228	659 066,404	19,303	18,837
25	38	98 104	32 642,122	624 923,176	19,145	18,679
26	39	97 999	31 203,166	592 281,054	18,981	18,516
27	40	97 894	29 827,562	561 077,889	18,811	18,345
28	41	97 776	28 508,697	531 250,327	18,635	18,169
29	42	97 651	27 246,197	502 741,629	18,452	17,986
30	43	97 514	26 036,363	475 495,432	18,263	17,797
31	44	97 371	24 878,417	449 459,069	18,066	17,601
32	45	97 204	23 766,443	424 580,652	17,865	17,399
33	46	97 028	22 701,804	400 814,209	17,656	17,190
34	47	96 836	21 681,224	378 112,405	17,440	16,974
35	48	96 619	20 701,157	356 431,181	17,218	16,752
36	49	96 379	19 760,475	335 730,024	16,990	16,524
37	50	96 119	18 858,544	315 969,549	16,755	16,289
38	51	95 840	17 994,014	297 111,006	16,512	16,046
39	52	95 528	17 163,087	279 116,992	16,263	15,797
40	53	95 189	16 365,800	261 953,904	16,006	15,541
41	54	94 810	15 598,621	245 588,104	15,744	15,279
42	55	94 399	14 862,274	229 989,483	15,475	15,009
43	56	93 946	14 154,027	215 127,208	15,199	14,733
44	57	93 453	13 473,406	200 973,181	14,916	14,451
45	58	92 913	12 818,680	187 499,775	14,627	14,161
46	59	92 314	12 187,611	174 681,095	14,333	13,867
47	60	91 667	11 581,097	162 493,484	14,031	13,565
48	61	90 947	10 995,244	150 912,387	13,725	13,260
49	62	90 186	10 433,758	139 917,143	13,410	12,944
50	63	89 356	9 892,556	129 483,385	13,089	12,623
51	64	88 455	9 371,148	119 590,829	12,762	12,296
52	65	87 472	8 867,884	110 219,681	12,429	11,963
53	66	86 387	8 380,769	101 351,797	12,093	11,628
54	67	85 205	7 910,178	92 971,028	11,753	11,288
55	68	83 909	7 454,381	85 060,850	11,411	10,945
56	69	82 541	7 017,103	77 606,469	11,060	10,594
57	70	81 061	6 594,557	70 589,367	10,704	10,239
58	71	79 470	6 186,691	63 994,809	10,344	9,878
59	72	77 744	5 791,703	57 808,118	9,981	9,516
60	73	75 915	5 411,909	52 016,414	9,611	9,146
61	74	73 989	5 047,481	46 604,505	9,233	8,768
62	75	71 924	4 695,324	41 557,024	8,851	8,385
63	76	69 697	4 354,012	36 861,700	8,466	8,001
64	77	67 285	4 022,320	32 507,689	8,082	7,616
65	78	64 703	3 701,382	28 485,369	7,696	7,230
66	79	61 918	3 389,562	24 783,986	7,312	6,846
67	80	58 901	3 085,536	21 394,425	6,934	6,468
68	81	55 622	2 788,285	18 308,888	6,566	6,101
69	82	52 176	2 502,942	15 520,603	6,201	5,735
70	83	48 527	2 227,647	13 017,662	5,844	5,378
71	84	44 685	1 962,920	10 790,015	5,497	5,031
72	85	40 664	1 709,389	8 827,095	5,164	4,698
73	86	36 543	1 469,991	7 117,706	4,842	4,376
74	87	32 352	1 245,359	5 647,715	4,535	4,069
75	88	28 179	1 038,021	4 402,356	4,241	3,775
76	89	24 095	849,340	3 364,334	3,961	3,496
77	90	20 152	679,771	2 514,994	3,700	3,234
78	91	16 462	531,400	1 835,223	3,454	2,988
79	92	13 074	403,844	1 303,823	3,229	2,763
80	93	10 066	297,557	899,980	3,025	2,559
81	94	7 494	211,984	602,423	2,842	2,376
82	95	5 350	144,827	390,439	2,696	2,230
83	96	3 718	96,295	245,612	2,551	2,085
84	97	2 485	61,607	149,318	2,424	1,958
85	98	1 626	38,558	87,711	2,275	1,809
86	99	1 009	22,895	49,153	2,147	1,681
87	100	594	12,907	26,258	2,034	1,569

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

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

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 153 859,020	21,630	21,165
1	15	99 213	94 940,589	2 054 282,534	21,638	21,172
2	16	99 173	90 816,128	1 959 341,945	21,575	21,109
3	17	99 144	86 879,570	1 868 525,818	21,507	21,041
4	18	99 117	83 115,469	1 781 646,247	21,436	20,970
5	19	99 085	79 510,915	1 698 530,778	21,362	20,897
6	20	99 057	76 065,144	1 619 019,864	21,285	20,819
7	21	99 028	72 768,586	1 542 954,719	21,204	20,738
8	22	99 003	69 617,620	1 470 186,133	21,118	20,652
9	23	98 978	66 602,777	1 400 568,513	21,029	20,563
10	24	98 949	63 715,762	1 333 965,736	20,936	20,471
11	25	98 924	60 956,993	1 270 249,974	20,838	20,373
12	26	98 897	58 315,966	1 209 292,981	20,737	20,271
13	27	98 870	55 789,522	1 150 977,015	20,631	20,165
14	28	98 839	53 370,337	1 095 187,492	20,521	20,055
15	29	98 802	51 053,189	1 041 817,155	20,407	19,941
16	30	98 762	48 834,743	990 763,966	20,288	19,822
17	31	98 707	46 705,902	941 929,223	20,167	19,702
18	32	98 647	44 667,276	895 223,321	20,042	19,576
19	33	98 575	42 712,591	850 556,045	19,913	19,448
20	34	98 498	40 841,679	807 843,454	19,780	19,314
21	35	98 416	39 050,051	767 001,776	19,642	19,176
22	36	98 332	37 336,725	727 951,725	19,497	19,031
23	37	98 242	35 696,065	690 615,000	19,347	18,881
24	38	98 151	34 127,514	654 918,934	19,190	18,725
25	39	98 046	32 623,004	620 791,420	19,029	18,564
26	40	97 941	31 184,578	588 168,415	18,861	18,395
27	41	97 828	29 807,318	556 983,837	18,686	18,221
28	42	97 702	28 486,949	527 176,519	18,506	18,040
29	43	97 570	27 223,588	498 689,570	18,318	17,853
30	44	97 427	26 012,932	471 465,982	18,124	17,659
31	45	97 271	24 853,040	445 453,050	17,923	17,458
32	46	97 096	23 740,016	420 600,010	17,717	17,251
33	47	96 905	22 672,979	396 859,994	17,504	17,038
34	48	96 697	21 650,143	374 187,015	17,283	16,818
35	49	96 465	20 668,044	352 536,872	17,057	16,591
36	50	96 205	19 724,680	331 868,828	16,825	16,359
37	51	95 930	18 821,380	312 144,149	16,585	16,119
38	52	95 628	17 954,269	293 322,769	16,337	15,872
39	53	95 293	17 120,947	275 368,500	16,084	15,618
40	54	94 929	16 321,070	258 247,553	15,823	15,357
41	55	94 525	15 551,675	241 926,483	15,556	15,091
42	56	94 087	14 813,030	226 374,808	15,282	14,817
43	57	93 606	14 102,805	211 561,778	15,001	14,536
44	58	93 080	13 419,617	197 458,973	14,714	14,249
45	59	92 503	12 762,143	184 039,356	14,421	13,955
46	60	91 868	12 128,745	171 277,213	14,122	13,656
47	61	91 173	11 518,663	159 148,468	13,817	13,351
48	62	90 438	10 933,725	147 629,805	13,502	13,037
49	63	89 638	10 370,355	136 696,081	13,181	12,716
50	64	88 768	9 827,419	126 325,725	12,854	12,389
51	65	87 811	9 302,857	116 498,306	12,523	12,057
52	66	86 771	8 796,833	107 195,449	12,186	11,720
53	67	85 632	8 307,560	98 398,616	11,844	11,379
54	68	84 379	7 833,493	90 091,056	11,501	11,035
55	69	83 052	7 378,236	82 257,563	11,149	10,683
56	70	81 619	6 938,706	74 879,327	10,792	10,326
57	71	80 074	6 514,212	67 940,620	10,430	9,964
58	72	78 406	6 103,849	61 426,408	10,064	9,598
59	73	76 624	5 708,249	55 322,559	9,692	9,226
60	74	74 740	5 328,118	49 614,310	9,312	8,846
61	75	72 723	4 961,127	44 286,192	8,927	8,461
62	76	70 553	4 605,795	39 325,065	8,538	8,073
63	77	68 176	4 258,981	34 719,270	8,152	7,686
64	78	65 640	3 923,967	30 460,289	7,763	7,297
65	79	62 885	3 597,373	26 536,322	7,377	6,911
66	80	59 880	3 277,966	22 938,950	6,998	6,532
67	81	56 639	2 967,027	19 660,984	6,626	6,161
68	82	53 171	2 665,426	16 693,956	6,263	5,798
69	83	49 550	2 376,940	14 028,531	5,902	5,436
70	84	45 709	2 098,261	11 651,591	5,553	5,087
71	85	41 681	1 830,971	9 553,330	5,218	4,752
72	86	37 524	1 577,387	7 722,359	4,896	4,430
73	87	33 294	1 339,298	6 144,972	4,588	4,123
74	88	29 078	1 119,341	4 805,674	4,293	3,828
75	89	24 943	918,830	3 686,333	4,012	3,546
76	90	20 940	738,146	2 767,502	3,749	3,284
77	91	17 171	579,208	2 029,356	3,504	3,038
78	92	13 708	442,478	1 450,148	3,277	2,812
79	93	10 622	328,099	1 007,670	3,071	2,606
80	94	7 961	235,309	679,571	2,888	2,422
81	95	5 732	162,131	444,262	2,740	2,275
82	96	4 018	108,760	282,131	2,594	2,128
83	97	2 716	70,345	173,371	2,465	1,999
84	98	1 797	44,538	103,027	2,313	1,848
85	99	1 130	26,808	58,488	2,182	1,716
86	100	675	15,328	31,680	2,067	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 149 134,912	21,585	21,119
1	16	99 201	94 928,712	2 049 568,876	21,591	21,125
2	17	99 159	90 803,313	1 954 640,164	21,526	21,060
3	18	99 130	86 866,849	1 863 836,851	21,456	20,991
4	19	99 097	83 098,544	1 776 970,001	21,384	20,918
5	20	99 066	79 495,567	1 693 871,458	21,308	20,842
6	21	99 038	76 051,059	1 614 375,891	21,228	20,762
7	22	99 012	72 756,539	1 538 324,831	21,143	20,678
8	23	98 986	69 605,573	1 465 568,293	21,055	20,590
9	24	98 957	66 588,326	1 395 962,720	20,964	20,498
10	25	98 932	63 704,957	1 329 374,394	20,868	20,402
11	26	98 906	60 945,627	1 265 669,437	20,767	20,302
12	27	98 878	58 304,620	1 204 723,809	20,663	20,197
13	28	98 848	55 777,336	1 146 419,190	20,553	20,088
14	29	98 814	53 357,027	1 090 641,853	20,440	19,975
15	30	98 777	51 039,977	1 037 284,826	20,323	19,857
16	31	98 733	48 820,242	986 244,849	20,202	19,736
17	32	98 676	46 690,994	937 424,607	20,077	19,612
18	33	98 612	44 651,774	890 733,613	19,948	19,483
19	34	98 540	42 697,383	846 081,839	19,816	19,350
20	35	98 460	40 825,705	803 384,456	19,678	19,213
21	36	98 376	39 034,334	762 558,751	19,536	19,070
22	37	98 286	37 319,220	723 524,417	19,387	18,922
23	38	98 196	35 679,637	686 205,197	19,232	18,767
24	39	98 094	34 107,527	650 525,560	19,073	18,607
25	40	97 988	32 603,571	616 418,033	18,906	18,441
26	41	97 874	31 163,413	583 814,462	18,734	18,268
27	42	97 753	29 784,579	552 651,048	18,555	18,089
28	43	97 621	28 463,310	522 866,469	18,370	17,904
29	44	97 483	27 199,088	494 403,159	18,177	17,712
30	45	97 327	25 986,398	467 204,071	17,979	17,513
31	46	97 163	24 825,405	441 217,672	17,773	17,307
32	47	96 973	23 709,872	416 392,268	17,562	17,096
33	48	96 766	22 640,476	392 682,396	17,344	16,879
34	49	96 543	21 615,512	370 041,920	17,119	16,654
35	50	96 290	20 630,605	348 426,407	16,889	16,423
36	51	96 015	19 685,809	327 795,802	16,651	16,186
37	52	95 718	18 779,808	308 109,994	16,406	15,941
38	53	95 394	17 910,186	289 330,186	16,155	15,689
39	54	95 033	17 074,153	271 420,000	15,897	15,431
40	55	94 644	16 271,950	254 345,847	15,631	15,165
41	56	94 211	15 500,146	238 073,898	15,359	14,894
42	57	93 746	14 759,423	222 573,751	15,080	14,614
43	58	93 233	14 046,503	207 814,328	14,795	14,329
44	59	92 670	13 360,429	193 767,825	14,503	14,038
45	60	92 056	12 700,502	180 407,396	14,205	13,739
46	61	91 373	12 063,358	167 706,895	13,902	13,437
47	62	90 663	11 454,215	155 643,536	13,588	13,123
48	63	89 888	10 867,285	144 189,322	13,268	12,803
49	64	89 048	10 302,073	133 322,037	12,941	12,476
50	65	88 121	9 755,804	123 019,964	12,610	12,144
51	66	87 107	9 228,321	113 264,161	12,274	11,808
52	67	86 013	8 719,989	104 035,840	11,931	11,465
53	68	84 802	8 227,023	95 315,851	11,586	11,120
54	69	83 517	7 753,476	87 088,828	11,232	10,767
55	70	82 124	7 295,805	79 335,352	10,874	10,408
56	71	80 625	6 854,169	72 039,547	10,510	10,045
57	72	79 002	6 426,985	65 185,379	10,142	9,677
58	73	77 276	6 015,897	58 758,394	9,767	9,302
59	74	75 438	5 619,869	52 742,497	9,385	8,919
60	75	73 461	5 236,962	47 122,628	8,998	8,532
61	76	71 337	4 866,531	41 885,665	8,607	8,141
62	77	69 013	4 505,269	37 019,135	8,217	7,751
63	78	66 509	4 154,841	32 513,866	7,826	7,360
64	79	63 795	3 813,702	28 359,025	7,436	6,970
65	80	60 814	3 478,935	24 545,323	7,055	6,590
66	81	57 580	3 152,066	21 066,388	6,683	6,218
67	82	54 143	2 836,292	17 914,322	6,316	5,850
68	83	50 494	2 531,244	15 078,029	5,957	5,491
69	84	46 672	2 238,882	12 546,785	5,604	5,138
70	85	42 636	1 957,214	10 307,903	5,267	4,801
71	86	38 462	1 689,581	8 350,689	4,942	4,477
72	87	34 188	1 437,146	6 661,108	4,635	4,169
73	88	29 925	1 203,774	5 223,962	4,340	3,874
74	89	25 739	990,813	4 020,188	4,057	3,592
75	90	21 678	798,539	3 029,375	3,794	3,328
76	91	17 842	628,947	2 230,837	3,547	3,081
77	92	14 297	482,286	1 601,890	3,321	2,856
78	93	11 137	359,487	1 119,603	3,114	2,649
79	94	8 400	259,462	760,116	2,930	2,464
80	95	6 088	179,970	500,655	2,782	2,316
81	96	4 304	121,755	320,684	2,634	2,168
82	97	2 935	79,451	198,929	2,504	2,038
83	98	1 963	50,855	119,478	2,349	1,884
84	99	1 249	30,966	68,623	2,216	1,750
85	100	757	17,947	37,657	2,098	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 144 134,636	21,537	21,072
1	17	99 187	94 915,318	2 044 581,055	21,541	21,075
2	18	99 145	90 790,018	1 949 665,738	21,474	21,009
3	19	99 109	86 849,160	1 858 875,720	21,403	20,938
4	20	99 077	83 082,504	1 772 026,560	21,329	20,863
5	21	99 048	79 480,847	1 688 944,057	21,250	20,784
6	22	99 022	76 038,469	1 609 463,210	21,166	20,701
7	23	98 994	72 743,948	1 533 424,741	21,080	20,614
8	24	98 965	69 590,469	1 460 680,793	20,990	20,524
9	25	98 940	66 577,034	1 391 090,324	20,894	20,429
10	26	98 913	63 693,079	1 324 513,289	20,795	20,330
11	27	98 887	60 933,769	1 260 820,210	20,692	20,226
12	28	98 856	58 291,884	1 199 886,441	20,584	20,118
13	29	98 824	55 763,426	1 141 594,557	20,472	20,006
14	30	98 789	53 343,219	1 085 831,131	20,356	19,890
15	31	98 747	51 024,822	1 032 487,912	20,235	19,769
16	32	98 701	48 804,659	981 463,090	20,110	19,644
17	33	98 641	46 674,790	932 658,431	19,982	19,516
18	34	98 577	44 635,876	885 983,641	19,849	19,384
19	35	98 501	42 680,683	841 347,765	19,713	19,247
20	36	98 420	40 809,273	798 667,082	19,571	19,105
21	37	98 330	39 016,033	757 857,808	19,424	18,959
22	38	98 241	37 302,045	718 841,776	19,271	18,805
23	39	98 139	35 658,741	681 539,731	19,113	18,647
24	40	98 035	34 087,209	645 880,990	18,948	18,482
25	41	97 921	32 581,443	611 793,781	18,777	18,312
26	42	97 800	31 139,640	579 212,338	18,600	18,135
27	43	97 672	29 759,864	548 072,698	18,417	17,951
28	44	97 533	28 437,695	518 312,834	18,226	17,761
29	45	97 383	27 171,344	489 875,139	18,029	17,563
30	46	97 219	25 957,502	462 703,795	17,825	17,360
31	47	97 040	24 793,883	436 746,292	17,615	17,149
32	48	96 834	23 675,883	411 952,409	17,400	16,934
33	49	96 611	22 604,261	388 276,526	17,177	16,712
34	50	96 368	21 576,357	365 672,265	16,948	16,482
35	51	96 100	20 589,949	344 095,908	16,712	16,246
36	52	95 803	19 642,327	323 505,960	16,470	16,004
37	53	95 483	18 733,698	303 863,632	16,220	15,755
38	54	95 133	17 861,235	285 129,935	15,964	15,498
39	55	94 747	17 022,766	267 268,700	15,701	15,235
40	56	94 330	16 218,034	250 245,934	15,430	14,964
41	57	93 871	15 444,053	234 027,900	15,153	14,688
42	58	93 372	14 700,500	218 583,847	14,869	14,404
43	59	92 822	13 984,550	203 883,347	14,579	14,114
44	60	92 222	13 295,898	189 898,797	14,283	13,817
45	61	91 560	12 632,033	176 602,899	13,981	13,515
46	62	90 862	11 995,863	163 970,866	13,669	13,203
47	63	90 112	11 384,612	151 975,004	13,349	12,884
48	64	89 296	10 795,730	140 590,392	13,023	12,557
49	65	88 399	10 226,998	129 794,662	12,691	12,226
50	66	87 415	9 677,639	119 567,664	12,355	11,889
51	67	86 346	9 147,707	109 890,026	12,013	11,547
52	68	85 179	8 635,454	100 742,318	11,666	11,201
53	69	83 936	8 142,986	92 106,865	11,311	10,846
54	70	82 584	7 666,853	83 963,879	10,952	10,486
55	71	81 123	7 206,916	76 297,026	10,587	10,121
56	72	79 545	6 762,389	69 090,110	10,217	9,751
57	73	77 863	6 334,376	62 327,721	9,840	9,374
58	74	76 080	5 922,754	55 993,345	9,454	8,988
59	75	74 147	5 523,722	50 070,591	9,065	8,599
60	76	72 060	5 137,106	44 546,868	8,672	8,206
61	77	69 780	4 760,313	39 409,762	8,279	7,813
62	78	67 325	4 395,107	34 649,449	7,884	7,418
63	79	64 640	4 038,089	30 254,342	7,492	7,027
64	80	61 695	3 688,143	26 216,254	7,108	6,643
65	81	58 478	3 345,316	22 528,111	6,734	6,269
66	82	55 043	3 013,178	19 182,795	6,366	5,901
67	83	51 417	2 693,509	16 169,617	6,003	5,538
68	84	47 561	2 384,225	13 476,108	5,652	5,187
69	85	43 535	2 088,383	11 091,883	5,311	4,846
70	86	39 344	1 806,076	9 003,500	4,985	4,520
71	87	35 043	1 539,364	7 197,425	4,676	4,210
72	88	30 729	1 291,721	5 658,061	4,380	3,915
73	89	26 489	1 065,551	4 366,340	4,098	3,632
74	90	22 370	861,098	3 300,790	3,833	3,368
75	91	18 471	680,405	2 439,692	3,586	3,120
76	92	14 857	523,702	1 759,287	3,359	2,894
77	93	11 616	391,829	1 235,584	3,153	2,688
78	94	8 807	284,283	843,755	2,968	2,502
79	95	6 424	198,443	559,472	2,819	2,354
80	96	4 572	135,152	361,029	2,671	2,206
81	97	3 144	88,944	225,877	2,540	2,074
82	98	2 122	57,438	136,933	2,384	1,918
83	99	1 365	35,358	79,494	2,248	1,783
84	100	836	20,731	44,136	2,129	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 138 849,233	21,487	21,022
1	18	99 172	94 901,420	2 039 309,700	21,489	21,023
2	19	99 125	90 771,529	1 944 408,280	21,421	20,955
3	20	99 090	86 832,396	1 853 636,751	21,347	20,882
4	21	99 059	83 067,119	1 766 804,355	21,270	20,804
5	22	99 031	79 467,688	1 683 737,236	21,188	20,722
6	23	99 005	76 025,310	1 604 269,547	21,102	20,636
7	24	98 973	72 728,164	1 528 244,237	21,013	20,547
8	25	98 948	69 578,669	1 455 516,073	20,919	20,453
9	26	98 921	66 564,620	1 385 937,404	20,821	20,355
10	27	98 894	63 680,686	1 319 372,784	20,719	20,253
11	28	98 865	60 920,459	1 255 692,098	20,612	20,146
12	29	98 831	58 277,347	1 194 771,638	20,501	20,036
13	30	98 798	55 748,995	1 136 494,292	20,386	19,920
14	31	98 759	53 327,380	1 080 745,296	20,266	19,801
15	32	98 716	51 008,535	1 027 417,917	20,142	19,676
16	33	98 667	48 787,721	976 409,382	20,013	19,548
17	34	98 606	46 658,171	927 621,660	19,881	19,416
18	35	98 539	44 618,418	880 963,489	19,744	19,279
19	36	98 461	42 663,505	836 345,070	19,603	19,138
20	37	98 374	40 790,140	793 681,565	19,458	18,992
21	38	98 285	38 998,077	752 891,425	19,306	18,840
22	39	98 183	37 280,198	713 893,348	19,149	18,684
23	40	98 080	35 637,499	676 613,150	18,986	18,520
24	41	97 969	34 064,074	640 975,651	18,817	18,351
25	42	97 847	32 556,588	606 911,577	18,642	18,176
26	43	97 718	31 113,800	574 354,989	18,460	17,994
27	44	97 584	29 733,082	543 241,189	18,271	17,805
28	45	97 433	28 408,688	513 508,107	18,076	17,610
29	46	97 275	27 141,131	485 099,420	17,873	17,408
30	47	97 096	25 924,543	457 958,289	17,665	17,199
31	48	96 901	24 758,340	432 033,745	17,450	16,984
32	49	96 679	23 638,012	407 275,405	17,230	16,764
33	50	96 436	22 563,314	383 637,394	17,003	16,537
34	51	96 178	21 533,837	361 074,079	16,768	16,302
35	52	95 888	20 544,470	339 540,242	16,527	16,061
36	53	95 568	19 594,099	318 995,772	16,280	15,815
37	54	95 222	18 682,496	299 401,673	16,026	15,560
38	55	94 847	17 807,479	280 719,177	15,764	15,299
39	56	94 433	16 966,363	262 911,698	15,496	15,030
40	57	93 989	16 159,343	245 945,335	15,220	14,754
41	58	93 496	15 382,396	229 785,992	14,938	14,473
42	59	92 960	14 635,662	214 403,596	14,649	14,184
43	60	92 373	13 917,004	199 767,933	14,354	13,889
44	61	91 725	13 224,219	185 850,929	14,054	13,588
45	62	91 048	12 561,355	172 626,710	13,743	13,277
46	63	90 310	11 922,968	160 065,354	13,425	12,959
47	64	89 519	11 309,651	148 142,386	13,099	12,633
48	65	88 646	10 717,058	136 832,736	12,768	12,302
49	66	87 691	10 145,058	126 115,678	12,431	11,966
50	67	86 651	9 593,100	115 970,620	12,089	11,623
51	68	85 509	9 059,026	106 377,520	11,743	11,277
52	69	84 309	8 547,244	97 318,494	11,386	10,920
53	70	82 998	8 052,011	88 771,250	11,025	10,559
54	71	81 578	7 573,443	80 719,239	10,658	10,193
55	72	80 037	7 110,413	73 145,796	10,287	9,822
56	73	78 399	6 664,947	66 035,383	9,908	9,442
57	74	76 658	6 236,302	59 370,435	9,520	9,055
58	75	74 778	5 821,425	53 134,133	9,127	8,662
59	76	72 733	5 418,399	47 312,707	8,732	8,266
60	77	70 487	5 024,983	41 894,309	8,337	7,872
61	78	68 073	4 643,915	36 869,325	7,939	7,474
62	79	65 434	4 271,603	32 225,411	7,544	7,078
63	80	62 512	3 905,141	27 953,808	7,158	6,693
64	81	59 325	3 546,488	24 048,666	6,781	6,315
65	82	55 902	3 197,913	20 502,178	6,411	5,945
66	83	52 272	2 861,490	17 304,265	6,047	5,582
67	84	48 431	2 537,065	14 442,775	5,693	5,227
68	85	44 364	2 223,955	11 905,710	5,353	4,888
69	86	40 173	1 927,115	9 681,755	5,024	4,558
70	87	35 846	1 645,502	7 754,640	4,713	4,247
71	88	31 497	1 383,596	6 109,138	4,415	3,950
72	89	27 200	1 143,399	4 725,543	4,133	3,667
73	90	23 021	926,051	3 582,144	3,868	3,403
74	91	19 060	733,709	2 656,093	3,620	3,154
75	92	15 380	566,550	1 922,384	3,393	2,928
76	93	12 070	425,477	1 355,834	3,187	2,721
77	94	9 186	309,859	930,357	3,003	2,537
78	95	6 736	217,428	620,497	2,854	2,388
79	96	4 824	149,024	403,070	2,705	2,239
80	97	3 340	98,730	254,045	2,573	2,108
81	98	2 273	64,301	155,315	2,415	1,950
82	99	1 475	39,935	91,014	2,279	1,813
83	100	914	23,671	51,078	2,158	1,692

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 133 268,962	21,435	20,969
1	19	99 152	94 882,094	2 033 744,004	21,434	20,969
2	20	99 106	90 754,008	1 938 861,909	21,364	20,898
3	21	99 072	86 816,317	1 848 107,901	21,288	20,822
4	22	99 043	83 053,367	1 761 291,584	21,207	20,741
5	23	99 014	79 453,937	1 678 238,217	21,122	20,657
6	24	98 983	76 008,814	1 598 784,281	21,034	20,569
7	25	98 956	72 715,832	1 522 775,467	20,941	20,476
8	26	98 929	69 565,695	1 450 059,635	20,844	20,379
9	27	98 902	66 551,669	1 380 493,940	20,743	20,278
10	28	98 873	63 666,776	1 313 942,271	20,638	20,172
11	29	98 840	60 905,266	1 250 275,495	20,528	20,063
12	30	98 806	58 262,265	1 189 370,229	20,414	19,948
13	31	98 769	55 732,442	1 131 107,963	20,295	19,830
14	32	98 728	53 310,358	1 075 375,522	20,172	19,706
15	33	98 682	50 990,833	1 022 065,164	20,044	19,578
16	34	98 632	48 770,351	971 074,331	19,911	19,446
17	35	98 568	46 639,923	922 303,980	19,775	19,309
18	36	98 499	44 600,460	875 664,058	19,634	19,168
19	37	98 415	42 643,502	831 063,597	19,489	19,023
20	38	98 329	40 771,367	788 420,095	19,338	18,872
21	39	98 227	38 975,237	747 648,727	19,183	18,717
22	40	98 125	37 257,990	708 673,490	19,021	18,555
23	41	98 014	35 613,312	671 415,500	18,853	18,387
24	42	97 894	34 038,088	635 802,188	18,679	18,214
25	43	97 765	32 529,572	601 764,100	18,499	18,033
26	44	97 631	31 085,800	569 234,528	18,312	17,846
27	45	97 485	29 702,753	538 148,728	18,118	17,652
28	46	97 325	28 377,099	508 445,975	17,917	17,452
29	47	97 151	27 106,669	480 068,877	17,710	17,245
30	48	96 956	25 887,379	452 962,208	17,497	17,032
31	49	96 746	24 718,737	427 074,828	17,277	16,812
32	50	96 504	23 595,193	402 356,091	17,052	16,587
33	51	96 246	22 518,850	378 760,899	16,820	16,354
34	52	95 965	21 486,274	356 242,049	16,580	16,114
35	53	95 653	20 494,027	334 755,775	16,334	15,869
36	54	95 307	19 540,546	314 261,748	16,083	15,617
37	55	94 935	18 626,268	294 721,202	15,823	15,357
38	56	94 532	17 748,476	276 094,934	15,556	15,090
39	57	94 091	16 904,963	258 346,458	15,282	14,817
40	58	93 613	16 094,831	241 441,495	15,001	14,536
41	59	93 083	15 314,551	225 346,664	14,715	14,249
42	60	92 511	14 564,972	210 032,113	14,420	13,955
43	61	91 875	13 841,978	195 467,141	14,121	13,656
44	62	91 212	13 150,229	181 625,163	13,812	13,346
45	63	90 495	12 485,025	168 474,935	13,494	13,029
46	64	89 715	11 844,462	155 989,910	13,170	12,704
47	65	88 867	11 227,233	144 145,448	12,839	12,373
48	66	87 935	10 631,191	132 918,215	12,503	12,037
49	67	86 925	10 056,436	122 287,024	12,160	11,694
50	68	85 811	9 500,101	112 230,588	11,814	11,348
51	69	84 636	8 966,490	102 730,487	11,457	10,992
52	70	83 367	8 451,753	93 763,997	11,094	10,628
53	71	81 987	7 953,909	85 312,244	10,726	10,260
54	72	80 486	7 472,032	77 358,335	10,353	9,887
55	73	78 884	7 007,957	69 886,303	9,972	9,507
56	74	77 185	6 561,756	62 878,346	9,583	9,117
57	75	75 346	6 129,609	56 316,591	9,188	8,722
58	76	73 352	5 710,425	50 186,981	8,789	8,323
59	77	71 146	5 300,136	44 476,556	8,392	7,926
60	78	68 764	4 902,113	39 176,420	7,992	7,526
61	79	66 161	4 513,420	34 274,307	7,594	7,128
62	80	63 279	4 130,968	29 760,887	7,204	6,739
63	81	60 111	3 755,153	25 629,919	6,825	6,360
64	82	56 711	3 390,221	21 874,767	6,452	5,987
65	83	53 088	3 036,925	18 484,546	6,087	5,621
66	84	49 236	2 695,289	15 447,620	5,731	5,266
67	85	45 175	2 366,521	12 752,331	5,389	4,923
68	86	40 938	2 052,218	10 385,810	5,061	4,595
69	87	36 601	1 755,780	8 333,592	4,746	4,281
70	88	32 219	1 478,993	6 577,812	4,447	3,982
71	89	27 880	1 224,724	5 098,819	4,163	3,698
72	90	23 639	993,707	3 874,095	3,899	3,433
73	91	19 615	789,054	2 880,388	3,650	3,185
74	92	15 871	610,934	2 091,334	3,423	2,958
75	93	12 495	460,289	1 480,400	3,216	2,751
76	94	9 545	336,468	1 020,111	3,032	2,566
77	95	7 026	236,989	683,643	2,885	2,419
78	96	5 058	163,281	446,654	2,735	2,270
79	97	3 524	108,864	283,373	2,603	2,137
80	98	2 415	71,377	174,509	2,445	1,979
81	99	1 580	44,707	103,132	2,307	1,841
82	100	988	26,736	58,426	2,185	1,720

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 127 382,555	21,380	20,914
1	20	99 133	94 863,780	2 027 877,864	21,377	20,911
2	21	99 087	90 737,203	1 933 014,084	21,303	20,838
3	22	99 055	86 801,944	1 842 276,880	21,224	20,758
4	23	99 026	83 038,995	1 755 474,936	21,140	20,675
5	24	98 993	79 436,696	1 672 435,942	21,054	20,588
6	25	98 966	75 995,925	1 592 999,245	20,962	20,496
7	26	98 938	72 702,273	1 517 003,320	20,866	20,400
8	27	98 910	69 552,160	1 444 301,047	20,766	20,300
9	28	98 881	66 537,132	1 374 748,887	20,661	20,196
10	29	98 848	63 650,898	1 308 211,756	20,553	20,087
11	30	98 815	60 889,505	1 244 560,857	20,440	19,974
12	31	98 777	58 244,965	1 183 671,352	20,322	19,857
13	32	98 737	55 714,652	1 125 426,387	20,200	19,734
14	33	98 694	53 291,857	1 069 711,735	20,073	19,607
15	34	98 647	50 972,678	1 016 419,878	19,940	19,475
16	35	98 593	48 751,276	965 447,200	19,804	19,338
17	36	98 528	46 621,151	916 695,925	19,663	19,197
18	37	98 453	44 579,550	870 074,774	19,517	19,052
19	38	98 370	42 623,877	825 495,224	19,367	18,901
20	39	98 271	40 747,489	782 871,347	19,213	18,747
21	40	98 168	38 952,019	742 123,858	19,052	18,587
22	41	98 058	37 232,703	703 171,839	18,886	18,420
23	42	97 939	35 586,144	665 939,135	18,713	18,248
24	43	97 813	34 009,843	630 352,991	18,534	18,069
25	44	97 678	32 500,298	596 343,148	18,349	17,883
26	45	97 531	31 054,091	563 842,850	18,157	17,691
27	46	97 376	29 669,725	532 788,760	17,957	17,492
28	47	97 201	28 341,067	503 119,035	17,752	17,287
29	48	97 012	27 067,810	474 777,968	17,540	17,075
30	49	96 801	25 845,971	447 710,157	17,322	16,857
31	50	96 570	24 673,960	421 864,187	17,098	16,632
32	51	96 314	23 548,694	397 190,226	16,867	16,401
33	52	96 034	22 469,110	373 641,532	16,629	16,164
34	53	95 730	21 433,518	351 172,421	16,384	15,919
35	54	95 391	20 438,014	329 738,903	16,134	15,668
36	55	95 020	19 481,736	309 300,889	15,876	15,411
37	56	94 621	18 564,552	289 819,153	15,611	15,146
38	57	94 190	17 684,246	271 254,601	15,339	14,873
39	58	93 716	16 837,474	253 570,355	15,060	14,594
40	59	93 201	16 023,843	236 732,880	14,774	14,308
41	60	92 634	15 240,582	220 709,037	14,482	14,016
42	61	92 012	14 486,452	205 468,455	14,183	13,718
43	62	91 361	13 764,530	190 982,003	13,875	13,409
44	63	90 657	13 070,319	177 217,473	13,559	13,093
45	64	89 899	12 402,818	164 147,154	13,235	12,769
46	65	89 061	11 758,148	151 744,336	12,905	12,440
47	66	88 155	11 137,279	139 986,188	12,569	12,104
48	67	87 167	10 538,323	128 848,909	12,227	11,761
49	68	86 082	9 958,945	118 310,586	11,880	11,414
50	69	84 934	9 403,059	108 351,641	11,523	11,057
51	70	83 690	8 866,315	98 948,582	11,160	10,694
52	71	82 351	8 348,781	90 082,267	10,790	10,324
53	72	80 889	7 847,403	81 733,487	10,415	9,950
54	73	79 326	7 364,365	73 886,084	10,033	9,567
55	74	77 662	6 899,454	66 521,718	9,642	9,176
56	75	75 864	6 449,494	59 622,264	9,244	8,779
57	76	73 910	6 012,733	53 172,770	8,843	8,378
58	77	71 751	5 585,789	47 160,037	8,443	7,977
59	78	69 406	5 170,538	41 574,248	8,041	7,575
60	79	66 832	4 764,363	36 403,710	7,641	7,175
61	80	63 982	4 364,823	31 639,347	7,249	6,783
62	81	60 849	3 972,306	27 274,525	6,866	6,401
63	82	57 462	3 589,691	23 302,219	6,491	6,026
64	83	53 856	3 219,552	19 712,528	6,123	5,657
65	84	50 004	2 860,535	16 492,976	5,766	5,300
66	85	45 926	2 514,109	13 632,441	5,422	4,957
67	86	41 687	2 183,775	11 118,331	5,091	4,626
68	87	37 299	1 869,760	8 934,556	4,778	4,313
69	88	32 897	1 578,112	7 064,796	4,477	4,011
70	89	28 519	1 309,168	5 486,684	4,191	3,725
71	90	24 230	1 064,386	4 177,516	3,925	3,459
72	91	20 142	846,701	3 113,131	3,677	3,211
73	92	16 333	657,017	2 266,429	3,450	2,984
74	93	12 894	496,348	1 609,412	3,243	2,777
75	94	9 881	363,997	1 113,064	3,058	2,592
76	95	7 300	257,340	749,067	2,911	2,445
77	96	5 276	177,971	491,727	2,763	2,297
78	97	3 695	119,279	313,756	2,630	2,165
79	98	2 548	78,703	194,477	2,471	2,005
80	99	1 679	49,626	115,774	2,333	1,867
81	100	1 058	29,930	66,148	2,210	1,744

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 121 183,687	21,322	20,856
1	21	99 114	94 846,214	2 021 698,203	21,316	20,850
2	22	99 071	90 722,181	1 926 851,989	21,239	20,773
3	23	99 038	86 786,923	1 836 129,808	21,157	20,691
4	24	99 004	83 020,977	1 749 342,884	21,071	20,605
5	25	98 976	79 423,226	1 666 321,908	20,980	20,515
6	26	98 948	75 981,755	1 586 898,682	20,885	20,420
7	27	98 918	72 688,127	1 510 916,927	20,786	20,321
8	28	98 889	69 536,968	1 438 228,800	20,683	20,217
9	29	98 856	66 520,538	1 368 691,832	20,575	20,110
10	30	98 822	63 634,427	1 302 171,294	20,463	19,998
11	31	98 785	60 871,425	1 238 536,867	20,347	19,881
12	32	98 745	58 226,374	1 177 665,443	20,226	19,760
13	33	98 703	55 695,317	1 119 439,069	20,099	19,634
14	34	98 658	53 272,882	1 063 743,752	19,968	19,502
15	35	98 608	50 952,741	1 010 470,870	19,832	19,366
16	36	98 553	48 731,654	959 518,128	19,690	19,224
17	37	98 482	46 599,293	910 786,474	19,545	19,079
18	38	98 408	44 559,033	864 187,181	19,394	18,929
19	39	98 312	42 598,914	819 628,148	19,241	18,775
20	40	98 213	40 723,216	777 029,235	19,081	18,615
21	41	98 102	38 925,583	736 306,019	18,916	18,450
22	42	97 983	37 204,300	697 380,436	18,745	18,279
23	43	97 858	35 556,614	660 176,136	18,567	18,101
24	44	97 725	33 979,237	624 619,522	18,382	17,917
25	45	97 578	32 467,146	590 640,285	18,192	17,726
26	46	97 422	31 019,560	558 173,139	17,994	17,529
27	47	97 253	29 632,052	527 153,579	17,790	17,324
28	48	97 062	28 300,439	497 521,527	17,580	17,114
29	49	96 857	27 024,513	469 221,088	17,363	16,897
30	50	96 626	25 799,152	442 196,575	17,140	16,674
31	51	96 380	24 625,336	416 397,423	16,909	16,444
32	52	96 101	23 496,680	391 772,086	16,674	16,208
33	53	95 798	22 413,942	368 275,406	16,431	15,965
34	54	95 468	21 374,938	345 861,464	16,181	15,715
35	55	95 104	20 376,503	324 486,526	15,925	15,459
36	56	94 705	19 417,185	304 110,023	15,662	15,196
37	57	94 279	18 497,369	284 692,838	15,391	14,925
38	58	93 814	17 613,646	266 195,469	15,113	14,647
39	59	93 302	16 763,211	248 581,823	14,829	14,363
40	60	92 750	15 946,448	231 818,611	14,537	14,072
41	61	92 134	15 158,420	215 872,163	14,241	13,775
42	62	91 498	14 405,399	200 713,743	13,933	13,468
43	63	90 806	13 680,888	186 308,345	13,618	13,153
44	64	90 060	12 984,259	172 627,457	13,295	12,830
45	65	89 244	12 312,434	159 643,198	12,966	12,500
46	66	88 348	11 663,940	147 330,763	12,631	12,166
47	67	87 384	11 039,990	135 666,824	12,289	11,823
48	68	86 322	10 436,160	124 626,834	11,942	11,476
49	69	85 203	9 857,217	114 190,674	11,584	11,119
50	70	83 986	9 298,007	104 333,457	11,221	10,755
51	71	82 670	8 758,292	95 035,451	10,851	10,385
52	72	81 249	8 236,988	86 277,159	10,474	10,009
53	73	79 723	7 734,327	78 040,172	10,090	9,624
54	74	78 098	7 250,344	70 305,844	9,697	9,231
55	75	76 334	6 781,416	63 055,500	9,298	8,833
56	76	74 418	6 326,518	56 274,084	8,895	8,429
57	77	72 296	5 881,498	49 947,566	8,492	8,027
58	78	69 997	5 449,206	44 066,067	8,087	7,621
59	79	67 456	5 025,245	38 616,861	7,685	7,219
60	80	64 631	4 607,504	33 591,617	7,291	6,825
61	81	61 525	4 197,179	28 984,113	6,906	6,440
62	82	58 168	3 797,276	24 786,934	6,528	6,062
63	83	54 570	3 408,980	20 989,658	6,157	5,692
64	84	50 728	3 032,554	17 580,678	5,797	5,332
65	85	46 643	2 668,247	14 548,123	5,452	4,987
66	86	42 380	2 319,966	11 879,876	5,121	4,655
67	87	37 981	1 989,621	9 559,910	4,805	4,339
68	88	33 524	1 680,559	7 570,289	4,505	4,039
69	89	29 120	1 396,905	5 889,730	4,216	3,751
70	90	24 785	1 137,774	4 492,825	3,949	3,483
71	91	20 646	906,924	3 355,051	3,699	3,234
72	92	16 772	705,018	2 448,127	3,472	3,007
73	93	13 270	533,788	1 743,109	3,266	2,800
74	94	10 197	392,513	1 209,320	3,081	2,615
75	95	7 558	278,395	816,807	2,934	2,468
76	96	5 482	193,254	538,412	2,786	2,320
77	97	3 854	130,010	345,159	2,655	2,189
78	98	2 671	86,232	215,148	2,495	2,029
79	99	1 771	54,720	128,916	2,356	1,890
80	100	1 124	33,223	74,197	2,233	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 114 658,722	21,260	20,794
1	22	99 098	94 830,512	2 015 191,659	21,250	20,785
2	23	99 054	90 706,482	1 920 361,148	21,171	20,706
3	24	99 017	86 768,092	1 829 654,666	21,087	20,621
4	25	98 987	83 006,899	1 742 886,574	20,997	20,531
5	26	98 957	79 408,417	1 659 879,675	20,903	20,437
6	27	98 929	75 966,971	1 580 471,258	20,805	20,339
7	28	98 897	72 672,250	1 504 504,287	20,703	20,237
8	29	98 864	69 519,625	1 431 832,037	20,596	20,130
9	30	98 830	66 503,324	1 362 312,412	20,485	20,019
10	31	98 793	63 615,531	1 295 809,088	20,369	19,904
11	32	98 754	60 851,995	1 232 193,557	20,249	19,783
12	33	98 711	58 206,167	1 171 341,562	20,124	19,658
13	34	98 668	55 675,486	1 113 135,395	19,993	19,528
14	35	98 620	53 252,046	1 057 459,909	19,858	19,392
15	36	98 568	50 932,234	1 004 207,862	19,717	19,251
16	37	98 507	48 708,807	953 275,628	19,571	19,105
17	38	98 437	46 577,847	904 566,822	19,421	18,955
18	39	98 350	44 532,937	857 988,975	19,266	18,801
19	40	98 254	42 573,538	813 456,039	19,107	18,641
20	41	98 146	40 695,577	770 882,501	18,943	18,477
21	42	98 027	38 895,888	730 186,924	18,773	18,307
22	43	97 902	37 173,428	691 291,036	18,596	18,131
23	44	97 770	35 524,616	654 117,609	18,413	17,947
24	45	97 625	33 944,576	618 592,993	18,224	17,758
25	46	97 469	32 431,044	584 648,417	18,027	17,562
26	47	97 299	30 980,173	552 217,373	17,825	17,359
27	48	97 113	29 589,573	521 237,199	17,616	17,150
28	49	96 907	28 255,170	491 647,626	17,400	16,935
29	50	96 681	26 975,560	463 392,456	17,178	16,713
30	51	96 436	25 748,310	436 416,896	16,949	16,484
31	52	96 167	24 570,944	410 668,585	16,714	16,248
32	53	95 865	23 438,989	386 097,641	16,472	16,007
33	54	95 536	22 352,682	362 658,652	16,224	15,759
34	55	95 181	21 310,607	340 305,970	15,969	15,503
35	56	94 789	20 308,988	318 995,363	15,707	15,241
36	57	94 362	19 346,917	298 686,375	15,438	14,973
37	58	93 902	18 423,522	279 339,459	15,162	14,696
38	59	93 400	17 535,960	260 915,936	14,879	14,413
39	60	92 852	16 682,245	243 379,976	14,589	14,124
40	61	92 250	15 860,481	226 697,731	14,293	13,828
41	62	91 619	15 073,607	210 837,251	13,987	13,522
42	63	90 942	14 317,862	195 763,644	13,673	13,207
43	64	90 208	13 590,808	181 445,782	13,351	12,885
44	65	89 404	12 889,638	167 854,974	13,022	12,557
45	66	88 529	12 213,785	154 965,336	12,688	12,222
46	67	87 576	11 562,050	142 751,551	12,347	11,881
47	68	86 537	10 932,964	131 189,501	11,999	11,534
48	69	85 440	10 329,557	120 256,537	11,642	11,176
49	70	84 251	9 747,090	109 926,980	11,278	10,812
50	71	82 962	9 184,724	100 179,890	10,907	10,442
51	72	81 563	8 641,015	90 995,166	10,531	10,065
52	73	80 078	8 118,298	82 354,151	10,144	9,679
53	74	78 489	7 614,579	74 235,853	9,749	9,284
54	75	76 762	7 126,303	66 621,275	9,349	8,883
55	76	74 878	6 652,111	59 494,972	8,944	8,478
56	77	72 794	6 188,435	52 842,861	8,539	8,073
57	78	70 529	5 737,685	46 654,426	8,131	7,666
58	79	68 030	5 296,082	40 916,741	7,726	7,260
59	80	65 235	4 859,797	35 620,659	7,330	6,864
60	81	62 149	4 430,539	30 760,862	6,943	6,477
61	82	58 814	4 012,240	26 330,323	6,562	6,097
62	83	55 239	3 606,115	22 318,083	6,189	5,723
63	84	51 400	3 210,980	18 711,968	5,827	5,362
64	85	47 318	2 828,703	15 500,987	5,480	5,014
65	86	43 041	2 462,201	12 672,284	5,147	4,681
66	87	38 612	2 113,704	10 210,083	4,830	4,365
67	88	34 137	1 788,291	8 096,379	4,527	4,062
68	89	29 675	1 487,589	6 308,088	4,240	3,775
69	90	25 308	1 214,025	4 820,499	3,971	3,505
70	91	21 119	969,455	3 606,474	3,720	3,254
71	92	17 191	755,164	2 637,019	3,492	3,026
72	93	13 626	572,786	1 881,856	3,285	2,820
73	94	10 494	422,121	1 309,069	3,101	2,636
74	95	7 799	300,205	886,949	2,954	2,489
75	96	5 675	209,065	586,744	2,807	2,341
76	97	4 005	141,175	377,679	2,675	2,210
77	98	2 786	93,990	236,504	2,516	2,051
78	99	1 857	59,955	142,514	2,377	1,911
79	100	1 186	36,633	82,559	2,254	1,788

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 107 793,729	21,194	20,729
1	23	99 081	94 814,101	2 008 343,134	21,182	20,716
2	24	99 032	90 686,800	1 913 529,033	21,100	20,635
3	25	99 000	86 753,378	1 822 842,233	21,012	20,546
4	26	98 969	82 991,421	1 736 088,854	20,919	20,453
5	27	98 938	79 392,966	1 653 097,433	20,822	20,356
6	28	98 907	75 950,378	1 573 704,467	20,720	20,255
7	29	98 872	72 654,126	1 497 754,089	20,615	20,149
8	30	98 838	69 501,635	1 425 099,963	20,505	20,039
9	31	98 801	66 483,577	1 355 598,328	20,390	19,924
10	32	98 761	63 595,226	1 289 114,752	20,271	19,805
11	33	98 720	60 830,877	1 225 519,526	20,146	19,681
12	34	98 676	58 185,443	1 164 688,649	20,017	19,551
13	35	98 629	55 653,711	1 106 503,207	19,882	19,416
14	36	98 580	53 230,613	1 050 849,496	19,741	19,276
15	37	98 522	50 908,354	997 618,883	19,596	19,131
16	38	98 462	48 686,390	946 710,528	19,445	18,979
17	39	98 379	46 550,568	898 024,139	19,291	18,826
18	40	98 291	44 506,408	851 473,571	19,131	18,666
19	41	98 187	42 544,643	806 967,163	18,968	18,502
20	42	98 071	40 664,532	764 422,520	18,798	18,333
21	43	97 946	38 863,612	723 757,988	18,623	18,157
22	44	97 814	37 139,974	684 894,376	18,441	17,975
23	45	97 670	35 488,379	647 754,402	18,253	17,787
24	46	97 517	33 906,832	612 266,023	18,057	17,592
25	47	97 346	32 389,865	578 359,191	17,856	17,391
26	48	97 159	30 935,762	545 969,326	17,648	17,183
27	49	96 958	29 542,242	515 033,564	17,434	16,968
28	50	96 731	28 203,988	485 491,322	17,214	16,748
29	51	96 491	26 922,400	457 287,334	16,985	16,520
30	52	96 223	25 691,438	430 364,934	16,751	16,286
31	53	95 931	24 510,615	404 673,496	16,510	16,045
32	54	95 603	23 374,927	380 162,880	16,264	15,798
33	55	95 249	22 285,408	356 787,953	16,010	15,544
34	56	94 866	21 239,996	334 502,545	15,749	15,283
35	57	94 446	20 235,492	313 262,549	15,481	15,015
36	58	93 986	19 269,679	293 027,057	15,207	14,741
37	59	93 488	18 342,264	273 757,378	14,925	14,459
38	60	92 949	17 451,261	255 415,114	14,636	14,170
39	61	92 351	16 592,311	237 963,853	14,342	13,876
40	62	91 734	15 771,739	221 371,542	14,036	13,570
41	63	91 062	14 982,010	205 599,803	13,723	13,257
42	64	90 343	14 223,587	190 617,793	13,402	12,936
43	65	89 551	13 491,767	176 394,205	13,074	12,609
44	66	88 688	12 786,364	162 902,439	12,740	12,275
45	67	87 755	12 107,093	150 116,074	12,399	11,933
46	68	86 727	11 449,963	138 008,982	12,053	11,588
47	69	85 653	10 821,286	126 559,019	11,695	11,230
48	70	84 486	10 214,153	115 737,733	11,331	10,866
49	71	83 224	9 628,336	105 523,580	10,960	10,494
50	72	81 851	9 061,737	95 895,244	10,582	10,117
51	73	80 388	8 516,504	86 833,507	10,196	9,730
52	74	78 838	7 992,604	78 317,003	9,799	9,333
53	75	77 146	7 484,305	70 324,398	9,396	8,931
54	76	75 298	6 990,422	62 840,093	8,989	8,524
55	77	73 244	6 506,921	55 849,672	8,583	8,118
56	78	71 014	6 037,116	49 342,750	8,173	7,708
57	79	68 547	5 576,454	43 305,634	7,766	7,300
58	80	65 790	5 121,718	37 729,179	7,367	6,901
59	81	62 729	4 673,142	32 607,462	6,978	6,512
60	82	59 411	4 235,318	27 934,320	6,596	6,130
61	83	55 853	3 810,258	23 699,002	6,220	5,754
62	84	52 031	3 396,665	19 888,744	5,855	5,390
63	85	47 945	2 995,135	16 492,079	5,506	5,041
64	86	43 664	2 610,267	13 496,944	5,171	4,705
65	87	39 214	2 243,293	10 886,677	4,853	4,387
66	88	34 705	1 899,818	8 643,384	4,550	4,084
67	89	30 218	1 582,950	6 743,566	4,260	3,795
68	90	25 790	1 292,836	5 160,616	3,992	3,526
69	91	21 564	1 034,426	3 867,779	3,739	3,273
70	92	17 585	807,231	2 833,353	3,510	3,044
71	93	13 967	613,526	2 026,122	3,302	2,837
72	94	10 775	452,960	1 412,595	3,119	2,653
73	95	8 026	322,849	959,635	2,972	2,507
74	96	5 857	225,444	636,786	2,825	2,359
75	97	4 146	152,725	411,342	2,693	2,228
76	98	2 895	102,061	258,617	2,534	2,068
77	99	1 937	65,348	156,555	2,396	1,930
78	100	1 243	40,138	91,207	2,272	1,807

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 100 572,952	21,125	20,660
1	24	99 059	94 793,528	2 001 139,567	21,111	20,645
2	25	99 015	90 671,422	1 906 346,038	21,025	20,559
3	26	98 982	86 737,202	1 815 674,616	20,933	20,467
4	27	98 950	82 975,273	1 728 937,414	20,837	20,371
5	28	98 916	79 375,625	1 645 962,140	20,736	20,271
6	29	98 882	75 931,436	1 566 586,516	20,632	20,166
7	30	98 847	72 635,324	1 490 655,080	20,522	20,057
8	31	98 809	69 480,998	1 418 019,755	20,409	19,943
9	32	98 769	66 462,355	1 348 538,758	20,290	19,825
10	33	98 727	63 573,155	1 282 076,402	20,167	19,701
11	34	98 684	60 809,218	1 218 503,247	20,038	19,573
12	35	98 637	58 162,685	1 157 694,029	19,904	19,439
13	36	98 590	55 631,311	1 099 531,344	19,765	19,299
14	37	98 534	53 205,656	1 043 900,033	19,620	19,154
15	38	98 477	50 884,925	990 694,376	19,469	19,004
16	39	98 404	48 657,876	939 809,451	19,315	18,849
17	40	98 320	46 522,838	891 151,575	19,155	18,690
18	41	98 225	44 476,202	844 628,738	18,991	18,525
19	42	98 112	42 512,187	800 152,536	18,822	18,356
20	43	97 990	40 630,788	757 640,349	18,647	18,181
21	44	97 858	38 828,637	717 009,561	18,466	18,000
22	45	97 714	37 102,090	678 180,924	18,279	17,813
23	46	97 561	35 448,918	641 078,834	18,085	17,619
24	47	97 393	33 863,779	605 629,916	17,884	17,419
25	48	97 206	32 343,433	571 766,137	17,678	17,212
26	49	97 004	30 886,278	539 422,704	17,465	16,999
27	50	96 782	29 488,728	508 536,426	17,245	16,779
28	51	96 541	28 148,407	479 047,698	17,019	16,553
29	52	96 278	26 862,934	450 899,291	16,785	16,320
30	53	95 986	25 628,358	424 036,357	16,546	16,080
31	54	95 669	24 443,624	398 407,999	16,299	15,833
32	55	95 315	23 304,577	373 964,374	16,047	15,581
33	56	94 933	22 211,568	350 659,797	15,787	15,322
34	57	94 522	21 163,131	328 448,230	15,520	15,054
35	58	94 069	20 154,706	307 285,098	15,246	14,781
36	59	93 571	19 184,689	287 130,392	14,967	14,501
37	60	93 036	18 253,671	267 945,703	14,679	14,213
38	61	92 448	17 357,181	249 692,032	14,386	13,920
39	62	91 834	16 499,475	232 334,851	14,081	13,616
40	63	91 177	15 675,900	215 835,376	13,769	13,303
41	64	90 463	14 883,362	200 159,476	13,449	12,983
42	65	89 684	14 119,935	185 276,114	13,122	12,656
43	66	88 833	13 383,668	171 156,179	12,788	12,323
44	67	87 913	12 674,670	157 772,510	12,448	11,982
45	68	86 904	11 989,722	145 097,840	12,102	11,636
46	69	85 841	11 333,004	133 108,119	11,745	11,280
47	70	84 696	10 700,388	121 775,115	11,380	10,915
48	71	83 457	10 089,709	111 074,726	11,009	10,543
49	72	82 110	9 499,409	100 985,017	10,631	10,165
50	73	80 672	8 931,164	91 485,608	10,243	9,778
51	74	79 144	8 384,645	82 554,445	9,846	9,380
52	75	77 489	7 855,864	74 169,800	9,441	8,976
53	76	75 675	7 341,598	66 313,936	9,033	8,567
54	77	73 654	6 837,848	58 972,338	8,624	8,159
55	78	71 453	6 347,815	52 134,490	8,213	7,747
56	79	69 018	5 867,472	45 786,675	7,803	7,338
57	80	66 290	5 392,859	39 919,203	7,402	6,937
58	81	63 263	4 925,003	34 526,344	7,010	6,545
59	82	59 965	4 467,231	29 601,341	6,626	6,161
60	83	56 420	4 022,106	25 134,110	6,249	5,783
61	84	52 609	3 588,951	21 112,004	5,883	5,417
62	85	48 533	3 168,338	17 523,053	5,531	5,065
63	86	44 243	2 763,847	14 354,716	5,194	4,728
64	87	39 782	2 378,194	11 590,869	4,874	4,408
65	88	35 246	2 016,294	9 212,674	4,569	4,103
66	89	30 720	1 681,671	7 196,380	4,279	3,814
67	90	26 261	1 375,713	5 514,709	4,009	3,543
68	91	21 975	1 101,578	4 138,996	3,757	3,292
69	92	17 955	861,330	3 037,418	3,526	3,061
70	93	14 287	655,828	2 176,087	3,318	2,852
71	94	11 045	485,178	1 520,259	3,133	2,668
72	95	8 241	346,437	1 035,081	2,988	2,522
73	96	6 027	242,449	688,645	2,840	2,375
74	97	4 278	164,690	446,196	2,709	2,244
75	98	2 997	110,412	281,506	2,550	2,084
76	99	2 013	70,960	171,094	2,411	1,946
77	100	1 297	43,749	100,134	2,289	1,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 092 982,771	21,054	20,588
1	25	99 042	94 777,454	1 993 570,961	21,034	20,569
2	26	98 997	90 654,516	1 898 793,507	20,945	20,480
3	27	98 962	86 720,326	1 808 138,991	20,850	20,385
4	28	98 928	82 957,149	1 721 418,665	20,751	20,285
5	29	98 892	79 355,829	1 638 461,516	20,647	20,181
6	30	98 857	75 911,786	1 559 105,687	20,538	20,073
7	31	98 817	72 613,756	1 483 193,901	20,426	19,960
8	32	98 777	69 458,820	1 410 580,144	20,308	19,843
9	33	98 735	66 439,290	1 341 121,325	20,186	19,720
10	34	98 692	63 550,520	1 274 682,035	20,058	19,592
11	35	98 646	60 785,434	1 211 131,515	19,925	19,459
12	36	98 597	58 139,276	1 150 346,080	19,786	19,320
13	37	98 543	55 605,229	1 092 206,804	19,642	19,177
14	38	98 489	53 181,170	1 036 601,576	19,492	19,026
15	39	98 419	50 855,124	983 420,406	19,338	18,872
16	40	98 346	48 628,890	932 565,282	19,177	18,712
17	41	98 254	46 491,263	883 936,392	19,013	18,547
18	42	98 150	44 442,273	837 445,129	18,843	18,378
19	43	98 031	42 476,910	793 002,857	18,669	18,203
20	44	97 902	40 594,223	750 525,946	18,488	18,023
21	45	97 758	38 789,030	709 931,723	18,302	17,837
22	46	97 605	37 060,834	671 142,693	18,109	17,644
23	47	97 437	35 403,907	634 081,859	17,910	17,444
24	48	97 253	33 815,234	598 677,952	17,704	17,239
25	49	97 051	32 291,697	564 862,718	17,493	17,027
26	50	96 828	30 830,329	532 571,021	17,274	16,809
27	51	96 592	29 430,616	501 740,692	17,048	16,583
28	52	96 327	28 086,233	472 310,076	16,816	16,351
29	53	96 041	26 796,978	444 223,843	16,577	16,112
30	54	95 724	25 558,312	417 426,865	16,332	15,867
31	55	95 381	24 370,058	391 868,553	16,080	15,614
32	56	94 999	23 227,360	367 498,495	15,822	15,356
33	57	94 589	22 131,187	344 271,135	15,556	15,090
34	58	94 145	21 078,642	322 139,948	15,283	14,817
35	59	93 654	20 065,813	301 061,306	15,004	14,538
36	60	93 119	19 092,026	280 995,493	14,718	14,252
37	61	92 535	18 155,265	261 903,467	14,426	13,960
38	62	91 931	17 260,066	243 748,202	14,122	13,656
39	63	91 276	16 399,214	226 488,136	13,811	13,345
40	64	90 576	15 572,684	210 088,922	13,491	13,025
41	65	89 803	14 774,902	194 516,239	13,165	12,700
42	66	88 966	14 006,804	179 741,337	12,832	12,367
43	67	88 057	13 266,756	165 734,533	12,492	12,027
44	68	87 061	12 551,797	152 467,776	12,147	11,681
45	69	86 017	11 867,249	139 915,980	11,790	11,324
46	70	84 882	11 206,389	128 048,731	11,426	10,961
47	71	83 665	10 570,020	116 842,341	11,054	10,589
48	72	82 339	9 954,604	106 272,321	10,676	10,210
49	73	80 927	9 362,529	96 317,717	10,288	9,822
50	74	79 423	8 792,885	86 955,188	9,889	9,424
51	75	77 790	8 241,197	78 162,304	9,484	9,019
52	76	76 012	7 706,072	69 921,107	9,074	8,608
53	77	74 024	7 181,360	62 215,035	8,663	8,198
54	78	71 853	6 670,650	55 033,675	8,250	7,785
55	79	69 445	6 169,440	48 363,025	7,839	7,374
56	80	66 746	5 674,295	42 193,586	7,436	6,970
57	81	63 744	5 185,730	36 519,290	7,042	6,577
58	82	60 476	4 707,994	31 333,560	6,655	6,190
59	83	56 946	4 242,344	26 625,565	6,276	5,811
60	84	53 143	3 788,494	22 383,221	5,908	5,443
61	85	49 073	3 347,698	18 594,727	5,554	5,089
62	86	44 786	2 923,675	15 247,029	5,215	4,749
63	87	40 309	2 518,120	12 323,354	4,894	4,428
64	88	35 757	2 137,545	9 805,235	4,587	4,122
65	89	31 199	1 784,773	7 667,690	4,296	3,831
66	90	26 698	1 461,510	5 882,917	4,025	3,560
67	91	22 376	1 172,195	4 421,407	3,772	3,306
68	92	18 298	917,246	3 249,213	3,542	3,077
69	93	14 588	699,781	2 331,967	3,332	2,867
70	94	11 298	518,630	1 632,186	3,147	2,681
71	95	8 447	371,077	1 113,556	3,001	2,535
72	96	6 189	260,162	742,479	2,854	2,388
73	97	4 403	177,113	482,317	2,723	2,258
74	98	3 093	119,062	305,204	2,563	2,098
75	99	2 084	76,766	186,143	2,425	1,959
76	100	1 348	47,506	109,377	2,302	1,837

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 085 012,811	20,977	20,511
1	26	99 024	94 759,782	1 985 617,859	20,954	20,489
2	27	98 978	90 636,877	1 890 858,077	20,862	20,396
3	28	98 941	86 701,383	1 800 221,200	20,763	20,298
4	29	98 903	82 936,460	1 713 519,817	20,661	20,195
5	30	98 866	79 335,293	1 630 583,356	20,553	20,087
6	31	98 828	75 889,246	1 551 248,063	20,441	19,975
7	32	98 786	72 590,579	1 475 358,818	20,324	19,859
8	33	98 743	69 434,714	1 402 768,239	20,203	19,737
9	34	98 700	66 415,634	1 333 333,525	20,076	19,610
10	35	98 653	63 525,664	1 266 917,891	19,943	19,478
11	36	98 606	60 760,969	1 203 392,226	19,805	19,340
12	37	98 551	58 112,017	1 142 631,257	19,663	19,197
13	38	98 498	55 579,638	1 084 519,239	19,513	19,047
14	39	98 431	53 150,024	1 028 939,602	19,359	18,894
15	40	98 360	50 824,829	975 789,578	19,199	18,733
16	41	98 279	48 595,886	924 964,748	19,034	18,568
17	42	98 179	46 455,796	876 368,862	18,865	18,399
18	43	98 068	44 405,394	829 913,066	18,689	18,224
19	44	97 943	42 438,684	785 507,672	18,509	18,044
20	45	97 802	40 552,815	743 068,988	18,323	17,858
21	46	97 649	38 745,899	702 516,173	18,131	17,666
22	47	97 481	37 013,777	663 770,274	17,933	17,467
23	48	97 298	35 353,154	626 756,498	17,728	17,263
24	49	97 098	33 761,144	591 403,344	17,517	17,052
25	50	96 875	32 233,203	557 642,200	17,300	16,835
26	51	96 637	30 769,573	525 408,998	17,076	16,610
27	52	96 378	29 365,610	494 639,425	16,844	16,379
28	53	96 091	28 017,273	465 273,815	16,607	16,141
29	54	95 779	26 723,738	437 256,542	16,362	15,896
30	55	95 436	25 481,391	410 532,804	16,111	15,645
31	56	95 065	24 289,310	385 051,413	15,853	15,387
32	57	94 656	23 143,303	360 762,102	15,588	15,123
33	58	94 212	22 042,833	337 618,800	15,316	14,851
34	59	93 730	20 985,674	315 575,967	15,038	14,572
35	60	93 202	19 968,895	294 590,293	14,752	14,287
36	61	92 617	18 989,101	274 621,398	14,462	13,996
37	62	92 017	18 053,685	255 632,298	14,160	13,694
38	63	91 372	17 155,183	237 578,613	13,849	13,383
39	64	90 675	16 291,235	220 423,430	13,530	13,065
40	65	89 916	15 459,200	204 132,196	13,205	12,739
41	66	89 084	14 656,523	188 672,996	12,873	12,407
42	67	88 189	13 884,449	174 016,473	12,533	12,068
43	68	87 204	13 138,143	160 132,024	12,188	11,723
44	69	86 171	12 423,583	146 993,881	11,832	11,366
45	70	85 056	11 734,666	134 570,298	11,468	11,002
46	71	83 848	11 069,856	122 835,632	11,096	10,631
47	72	82 544	10 428,484	111 765,776	10,717	10,252
48	73	81 153	9 811,165	101 337,293	10,329	9,863
49	74	79 674	9 217,571	91 526,128	9,930	9,464
50	75	78 064	8 642,452	82 308,557	9,524	9,058
51	76	76 306	8 084,058	73 666,104	9,113	8,647
52	77	74 353	7 537,878	65 582,047	8,700	8,235
53	78	72 214	7 005,762	58 044,168	8,285	7,820
54	79	69 834	6 483,203	51 038,406	7,872	7,407
55	80	67 159	5 966,321	44 555,203	7,468	7,002
56	81	64 182	5 456,357	38 588,882	7,072	6,607
57	82	60 935	4 957,234	33 132,524	6,684	6,218
58	83	57 431	4 470,987	28 175,291	6,302	5,836
59	84	53 639	3 995,941	23 704,304	5,932	5,466
60	85	49 570	3 533,828	19 708,364	5,577	5,111
61	86	45 283	3 089,185	16 174,536	5,236	4,770
62	87	40 804	2 663,738	13 085,351	4,912	4,447
63	88	36 230	2 263,311	10 421,613	4,605	4,139
64	89	31 651	1 892,101	8 158,302	4,312	3,846
65	90	27 115	1 551,114	6 266,201	4,040	3,574
66	91	22 748	1 245,299	4 715,088	3,786	3,321
67	92	18 632	976,045	3 469,789	3,555	3,089
68	93	14 866	745,208	2 493,744	3,346	2,881
69	94	11 536	553,388	1 748,535	3,160	2,694
70	95	8 641	396,663	1 195,147	3,013	2,547
71	96	6 344	278,667	798,485	2,865	2,400
72	97	4 521	190,052	519,818	2,735	2,270
73	98	3 183	128,043	329,766	2,575	2,110
74	99	2 150	82,780	201,723	2,437	1,971
75	100	1 395	51,393	118,943	2,314	1,849

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	95 354,393	2 098 583,833	22,008	21,543
2	1	99 313	90 943,871	2 003 229,440	22,027	21,561
3	2	99 275	86 993,949	1 912 285,569	21,982	21,516
4	3	99 250	83 227,168	1 825 291,620	21,931	21,466
5	4	99 227	79 624,499	1 742 064,451	21,878	21,413
6	5	99 208	76 181,584	1 662 439,952	21,822	21,356
7	6	99 191	72 888,011	1 586 258,368	21,763	21,297
8	7	99 176	69 738,829	1 513 370,357	21,701	21,235
9	8	99 163	66 726,996	1 443 631,528	21,635	21,169
10	9	99 149	63 844,497	1 376 904,532	21,567	21,101
11	10	99 135	61 086,560	1 313 060,036	21,495	21,029
12	11	99 120	58 447,355	1 251 973,475	21,421	20,955
13	12	99 105	55 921,935	1 193 526,120	21,343	20,877
14	13	99 087	53 504,463	1 137 604,185	21,262	20,796
15	14	99 067	51 189,870	1 084 099,723	21,178	20,712
16	15	99 042	48 973,020	1 032 909,852	21,091	20,626
17	16	99 004	46 846,202	983 936,833	21,004	20,538
18	17	98 961	44 809,433	937 090,631	20,913	20,447
19	18	98 908	42 857,127	892 281,197	20,820	20,354
20	19	98 847	40 986,132	849 424,071	20,725	20,259
21	20	98 783	39 195,933	808 437,939	20,626	20,160
22	21	98 721	37 484,354	769 242,006	20,522	20,056
23	22	98 660	35 848,081	731 757,653	20,413	19,947
24	23	98 598	34 282,697	695 909,572	20,299	19,834
25	24	98 528	32 783,435	661 626,874	20,182	19,716
26	25	98 464	31 351,297	628 843,439	20,058	19,592
27	26	98 399	29 981,434	597 492,142	19,929	19,463
28	27	98 328	28 669,649	567 510,708	19,795	19,329
29	28	98 256	27 414,950	538 841,059	19,655	19,189
30	29	98 175	26 212,841	511 426,110	19,511	19,045
31	30	98 093	25 063,119	485 213,269	19,360	18,894
32	31	97 997	23 960,220	460 150,149	19,205	18,739
33	32	97 897	22 905,065	436 189,929	19,043	18,578
34	33	97 793	21 895,557	413 284,864	18,875	18,410
35	34	97 680	20 928,360	391 389,307	18,701	18,236
36	35	97 555	20 001,534	370 460,947	18,522	18,056
37	36	97 429	19 115,544	350 459,413	18,334	17,868
38	37	97 292	18 266,679	331 343,869	18,139	17,674
39	38	97 145	17 453,694	313 077,191	17,938	17,472
40	39	96 983	16 674,100	295 623,497	17,730	17,264
41	40	96 803	15 926,531	278 949,397	17,515	17,049
42	41	96 609	15 210,183	263 022,866	17,293	16,827
43	42	96 392	14 522,424	247 812,683	17,064	16,599
44	43	96 154	13 862,785	233 290,259	16,829	16,363
45	44	95 895	13 230,087	219 427,474	16,585	16,120
46	45	95 601	12 621,601	206 197,387	16,337	15,871
47	46	95 286	12 038,298	193 575,786	16,080	15,614
48	47	94 929	11 476,676	181 537,488	15,818	15,352
49	48	94 529	10 936,181	170 060,812	15,550	15,085
50	49	94 081	10 415,625	159 124,631	15,277	14,812
51	50	93 580	9 914,052	148 709,006	15,000	14,534
52	51	93 035	9 431,878	138 794,953	14,716	14,250
53	52	92 418	8 965,931	129 363,075	14,428	13,963
54	53	91 732	8 516,096	120 397,144	14,138	13,672
55	54	90 971	8 081,799	111 881,048	13,844	13,378
56	55	90 140	7 663,096	103 799,250	13,545	13,080
57	56	89 227	7 258,887	96 136,153	13,244	12,778
58	57	88 234	6 868,977	88 877,266	12,939	12,473
59	58	87 140	6 491,683	82 008,289	12,633	12,167
60	59	85 953	6 127,526	75 516,607	12,324	11,859
61	60	84 679	5 776,747	69 389,080	12,012	11,546
62	61	83 297	5 437,771	63 612,334	11,698	11,233
63	62	81 827	5 111,744	58 174,563	11,381	10,915
64	63	80 267	4 798,361	53 062,819	11,059	10,593
65	64	78 600	4 496,375	48 264,457	10,734	10,268
66	65	76 828	4 205,758	43 768,082	10,407	9,941
67	66	74 967	3 927,144	39 562,324	10,074	9,608
68	67	72 978	3 658,322	35 635,181	9,741	9,275
69	68	70 918	3 402,008	31 976,858	9,399	8,934
70	69	68 746	3 155,765	28 574,850	9,055	8,589
71	70	66 455	2 919,230	25 419,086	8,707	8,242
72	71	64 044	2 692,179	22 499,856	8,357	7,892
73	72	61 534	2 475,288	19 807,677	8,002	7,537
74	73	58 931	2 268,505	17 332,389	7,640	7,175
75	74	56 225	2 071,128	15 063,884	7,273	6,808
76	75	53 382	1 881,736	12 992,757	6,905	6,439
77	76	50 393	1 699,880	11 111,020	6,536	6,071
78	77	47 260	1 525,531	9 411,140	6,169	5,703
79	78	43 972	1 358,287	7 885,609	5,806	5,340
80	79	40 502	1 197,231	6 527,322	5,452	4,986
81	80	36 874	1 043,046	5 330,091	5,110	4,645
82	81	33 099	895,936	4 287,045	4,785	4,319
83	82	29 275	758,297	3 391,109	4,472	4,006
84	83	25 443	630,674	2 632,813	4,175	3,709
85	84	21 681	514,275	2 002,139	3,893	3,428
86	85	18 049	409,694	1 487,863	3,632	3,166
87	86	14 656	318,356	1 078,170	3,387	2,921
88	87	11 578	240,649	759,814	3,157	2,692
89	88	8 871	176,446	519,165	2,942	2,477
90	89	6 577	125,181	342,719	2,738	2,272
91	90	4 689	85,415	217,538	2,547	2,081
92	91	3 187	55,548	132,123	2,379	1,913
93	92	2 059	34,337	76,574	2,230	1,764
94	93	1 265	20,186	42,238	2,092	1,627
95	94	727	11,098	22,052	1,987	1,521
96	95	397	5,800	10,954	1,889	1,423
97	96	205	2,865	5,154	1,799	1,333
98	97	99	1,326	2,289	1,727	1,261
99	98	46	0,586	0,963	1,645	1,179
100	99	20	0,240	0,378	1,576	1,110

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	91 223,367	2 005 085,666	21,980	21,514
3	1	99 297	87 014,054	1 913 862,299	21,995	21,529
4	2	99 262	83 237,080	1 826 848,245	21,948	21,482
5	3	99 238	79 633,986	1 743 611,165	21,895	21,430
6	4	99 217	76 188,512	1 663 977,178	21,840	21,375
7	5	99 198	72 893,478	1 587 788,666	21,782	21,317
8	6	99 182	69 743,420	1 514 895,189	21,721	21,255
9	7	99 168	66 730,285	1 445 151,768	21,657	21,191
10	8	99 155	63 848,450	1 378 421,483	21,589	21,123
11	9	99 141	61 090,513	1 314 573,034	21,518	21,053
12	10	99 126	58 450,818	1 253 482,520	21,445	20,979
13	11	99 112	55 926,101	1 195 031,702	21,368	20,902
14	12	99 095	53 508,696	1 139 105,601	21,288	20,823
15	13	99 075	51 194,259	1 085 596,906	21,205	20,740
16	14	99 052	48 978,159	1 034 402,647	21,120	20,654
17	15	99 016	46 852,063	985 424,488	21,033	20,567
18	16	98 975	44 815,757	938 572,424	20,943	20,477
19	17	98 923	42 863,403	893 756,667	20,851	20,386
20	18	98 867	40 994,480	850 893,265	20,756	20,291
21	19	98 802	39 203,500	809 898,785	20,659	20,193
22	20	98 739	37 491,296	770 695,285	20,557	20,091
23	21	98 676	35 854,017	733 203,989	20,450	19,984
24	22	98 615	34 288,631	697 349,972	20,338	19,872
25	23	98 550	32 790,550	663 061,341	20,221	19,755
26	24	98 481	31 356,614	630 270,791	20,100	19,634
27	25	98 418	29 987,026	598 914,177	19,972	19,507
28	26	98 347	28 675,228	568 927,151	19,840	19,375
29	27	98 278	27 420,939	540 251,923	19,702	19,237
30	28	98 200	26 219,380	512 830,984	19,559	19,094
31	29	98 119	25 069,607	486 611,604	19,410	18,945
32	30	98 026	23 967,337	461 541,997	19,257	18,792
33	31	97 928	22 912,379	437 574,660	19,098	18,632
34	32	97 827	21 903,159	414 662,282	18,932	18,466
35	33	97 715	20 935,814	392 759,123	18,760	18,295
36	34	97 593	20 009,359	371 823,309	18,582	18,117
37	35	97 468	19 123,241	351 813,949	18,397	17,932
38	36	97 338	18 275,247	332 690,709	18,204	17,739
39	37	97 190	17 461,730	314 415,462	18,006	17,540
40	38	97 039	16 683,871	296 953,732	17,799	17,333
41	39	96 861	15 936,024	280 269,861	17,587	17,122
42	40	96 675	15 220,513	264 333,837	17,367	16,901
43	41	96 465	14 533,511	249 113,324	17,141	16,675
44	42	96 234	13 874,298	234 579,812	16,908	16,442
45	43	95 981	13 242,003	220 705,514	16,667	16,201
46	44	95 699	12 634,489	207 463,511	16,420	15,955
47	45	95 392	12 051,699	194 829,022	16,166	15,700
48	46	95 050	11 491,267	182 777,323	15,906	15,440
49	47	94 664	10 951,881	171 286,056	15,640	15,174
50	48	94 231	10 432,312	160 334,175	15,369	14,903
51	49	93 750	9 932,044	149 901,862	15,093	14,627
52	50	93 218	9 450,502	139 969,819	14,811	14,345
53	51	92 623	8 985,779	130 519,317	14,525	14,059
54	52	91 958	8 537,057	121 533,538	14,236	13,770
55	53	91 221	8 103,948	112 996,481	13,943	13,478
56	54	90 412	7 686,229	104 892,533	13,647	13,181
57	55	89 524	7 283,019	97 206,304	13,347	12,881
58	56	88 555	6 893,926	89 923,286	13,044	12,578
59	57	87 489	6 517,703	83 029,360	12,739	12,273
60	58	86 334	6 154,672	76 511,657	12,431	11,966
61	59	85 090	5 804,784	70 356,986	12,121	11,655
62	60	83 749	5 467,245	64 552,202	11,807	11,341
63	61	82 287	5 140,506	59 084,957	11,494	11,028
64	62	80 757	4 827,697	53 944,451	11,174	10,708
65	63	79 121	4 526,178	49 116,754	10,852	10,386
66	64	77 392	4 236,631	44 590,576	10,525	10,059
67	65	75 572	3 958,863	40 353,945	10,193	9,728
68	66	73 621	3 690,561	36 395,082	9,862	9,396
69	67	71 613	3 435,311	32 704,521	9,520	9,054
70	68	69 455	3 188,333	29 269,210	9,180	8,714
71	69	67 205	2 952,212	26 080,877	8,834	8,369
72	70	64 834	2 725,384	23 128,665	8,486	8,021
73	71	62 369	2 508,882	20 403,280	8,132	7,667
74	72	59 793	2 301,671	17 894,398	7,775	7,309
75	73	57 109	2 103,699	15 592,727	7,412	6,946
76	74	54 311	1 914,490	13 489,029	7,046	6,580
77	75	51 373	1 732,922	11 574,538	6,679	6,214
78	76	48 314	1 559,571	9 841,616	6,310	5,845
79	77	45 074	1 392,332	8 282,046	5,948	5,483
80	78	41 673	1 231,846	6 889,713	5,593	5,127
81	79	38 130	1 078,556	5 657,868	5,246	4,780
82	80	34 421	931,721	4 579,312	4,915	4,449
83	81	30 624	793,249	3 647,590	4,598	4,133
84	82	26 792	664,107	2 854,341	4,298	3,832
85	83	23 018	545,987	2 190,235	4,012	3,546
86	84	19 350	439,218	1 644,247	3,744	3,278
87	85	15 883	344,997	1 205,029	3,493	3,027
88	86	12 707	264,132	860,032	3,256	2,790
89	87	9 869	196,311	595,900	3,035	2,570
90	88	7 430	141,420	399,589	2,826	2,360
91	89	5 396	98,282	258,169	2,627	2,161
92	90	3 740	65,193	159,888	2,453	1,987
93	91	2 472	41,237	94,695	2,296	1,831
94	92	1 557	24,846	53,458	2,152	1,686
95	93	919	14,034	28,612	2,039	1,573
96	94	519	7,583	14,578	1,922	1,457
97	95	273	3,815	6,995	1,833	1,368
98	96	136	1,815	3,180	1,752	1,286
99	97	63	0,810	1,365	1,685	1,219
100	98	28	0,345	0,555	1,609	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	87 281,473	1 915 580,357	21,947	21,482
4	1	99 285	83 256,317	1 828 298,885	21,960	21,494
5	2	99 250	79 643,470	1 745 042,567	21,911	21,445
6	3	99 229	76 197,590	1 665 399,097	21,856	21,391
7	4	99 207	72 900,106	1 589 201,507	21,800	21,334
8	5	99 190	69 748,651	1 516 301,400	21,740	21,274
9	6	99 174	66 734,678	1 446 552,750	21,676	21,211
10	7	99 160	63 851,597	1 379 818,072	21,610	21,144
11	8	99 147	61 094,296	1 315 966,474	21,540	21,074
12	9	99 132	58 454,601	1 254 872,179	21,467	21,002
13	10	99 118	55 929,415	1 196 417,578	21,392	20,926
14	11	99 103	53 512,682	1 140 488,163	21,312	20,847
15	12	99 083	51 198,309	1 086 975,481	21,231	20,765
16	13	99 060	48 982,358	1 035 777,172	21,146	20,680
17	14	99 026	46 856,980	986 794,814	21,060	20,594
18	15	98 987	44 821,364	939 937,834	20,971	20,505
19	16	98 937	42 869,452	895 116,470	20,880	20,414
20	17	98 881	41 000,483	852 247,018	20,786	20,321
21	18	98 822	39 211,485	811 246,535	20,689	20,223
22	19	98 758	37 498,534	772 035,050	20,588	20,123
23	20	98 694	35 860,657	734 536,516	20,483	20,017
24	21	98 631	34 294,308	698 675,859	20,373	19,907
25	22	98 567	32 796,225	664 381,550	20,258	19,792
26	23	98 502	31 363,420	631 585,325	20,138	19,672
27	24	98 434	29 992,112	600 221,905	20,013	19,547
28	25	98 366	28 680,576	570 229,794	19,882	19,416
29	26	98 297	27 426,275	541 549,218	19,746	19,280
30	27	98 221	26 225,108	514 122,942	19,604	19,139
31	28	98 143	25 075,861	487 897,834	19,457	18,991
32	29	98 051	23 973,541	462 821,974	19,306	18,840
33	30	97 957	22 919,184	438 848,433	19,148	18,682
34	31	97 859	21 910,152	415 929,249	18,983	18,518
35	32	97 749	20 943,082	394 019,096	18,814	18,348
36	33	97 628	20 016,486	373 076,014	18,638	18,173
37	34	97 507	19 130,723	353 059,528	18,455	17,989
38	35	97 377	18 282,605	333 928,805	18,265	17,799
39	36	97 236	17 469,921	315 646,199	18,068	17,602
40	37	97 084	16 691,553	298 176,279	17,864	17,398
41	38	96 918	15 945,363	281 484,726	17,653	17,187
42	39	96 732	15 229,585	265 539,363	17,436	16,970
43	40	96 531	14 543,382	250 309,778	17,211	16,746
44	41	96 307	13 884,890	235 766,396	16,980	16,514
45	42	96 061	13 253,001	221 881,505	16,742	16,276
46	43	95 785	12 645,869	208 628,505	16,498	16,032
47	44	95 490	12 064,005	195 982,635	16,245	15,780
48	45	95 155	11 504,059	183 918,631	15,987	15,522
49	46	94 785	10 965,805	172 414,572	15,723	15,257
50	47	94 367	10 447,289	161 448,767	15,454	14,988
51	48	93 900	9 947,956	151 001,478	15,179	14,714
52	49	93 388	9 467,652	141 053,521	14,898	14,433
53	50	92 806	9 003,522	131 585,870	14,615	14,149
54	51	92 161	8 555,955	122 582,348	14,327	13,862
55	52	91 445	8 123,895	114 026,393	14,036	13,570
56	53	90 660	7 707,294	105 902,498	13,741	13,275
57	54	89 794	7 305,004	98 195,204	13,442	12,977
58	55	88 849	6 916,844	90 890,200	13,140	12,675
59	56	87 807	6 541,376	83 973,356	12,837	12,372
60	57	86 680	6 179,341	77 431,981	12,531	12,065
61	58	85 467	5 830,500	71 252,640	12,221	11,755
62	59	84 155	5 493,780	65 422,140	11,908	11,443
63	60	82 733	5 168,369	59 928,360	11,595	11,130
64	61	81 212	4 854,861	54 759,992	11,279	10,814
65	62	79 604	4 553,850	49 905,131	10,959	10,493
66	63	77 905	4 264,712	45 351,281	10,634	10,168
67	64	76 127	3 987,924	41 086,569	10,303	9,837
68	65	74 215	3 720,369	37 098,645	9,972	9,506
69	66	72 244	3 465,585	33 378,275	9,631	9,166
70	67	70 135	3 219,544	29 912,691	9,291	8,825
71	68	67 899	2 982,680	26 693,147	8,949	8,484
72	69	65 566	2 756,177	23 710,467	8,603	8,137
73	70	63 138	2 539,826	20 954,290	8,250	7,785
74	71	60 604	2 332,909	18 414,464	7,893	7,428
75	72	57 944	2 134,455	16 081,555	7,534	7,069
76	73	55 166	1 944,598	13 947,100	7,172	6,707
77	74	52 267	1 763,086	12 002,502	6,808	6,342
78	75	49 253	1 589,886	10 239,416	6,440	5,975
79	76	46 080	1 423,399	8 649,530	6,077	5,611
80	77	42 718	1 262,722	7 226,131	5,723	5,257
81	78	39 232	1 109,740	5 963,409	5,374	4,908
82	79	35 593	963,441	4 853,669	5,038	4,572
83	80	31 847	824,933	3 890,228	4,716	4,250
84	81	28 027	694,718	3 065,295	4,412	3,947
85	82	24 238	574,930	2 370,578	4,123	3,658
86	83	20 543	466,302	1 795,648	3,851	3,385
87	84	17 028	369,859	1 329,345	3,594	3,129
88	85	13 771	286,236	959,486	3,352	2,886
89	86	10 833	215,468	673,250	3,125	2,659
90	87	8 266	157,341	457,783	2,909	2,444
91	88	6 096	111,031	300,442	2,706	2,240
92	89	4 304	75,013	189,411	2,525	2,059
93	90	2 902	48,397	114,398	2,364	1,898
94	91	1 869	29,839	66,001	2,212	1,746
95	92	1 131	17,273	36,162	2,094	1,628
96	93	656	9,589	18,889	1,970	1,504
97	94	357	4,988	9,299	1,864	1,399
98	95	181	2,417	4,311	1,784	1,318
99	96	87	1,109	1,894	1,708	1,243
100	97	39	0,477	0,785	1,647	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	83 512,187	1 829 888,069	21,912	21,446
5	1	99 273	79 661,877	1 746 375,882	21,922	21,457
6	2	99 241	76 206,665	1 666 714,005	21,871	21,405
7	3	99 219	72 908,793	1 590 507,340	21,815	21,349
8	4	99 199	69 754,994	1 517 598,548	21,756	21,291
9	5	99 182	66 739,683	1 447 843,554	21,694	21,228
10	6	99 166	63 855,801	1 381 103,871	21,628	21,163
11	7	99 152	61 097,308	1 317 248,070	21,560	21,094
12	8	99 138	58 458,220	1 256 150,763	21,488	21,022
13	9	99 124	55 933,034	1 197 692,542	21,413	20,947
14	10	99 108	53 515,853	1 141 759,509	21,335	20,869
15	11	99 091	51 202,123	1 088 243,656	21,254	20,788
16	12	99 068	48 986,234	1 037 041,533	21,170	20,704
17	13	99 035	46 860,997	988 055,299	21,085	20,619
18	14	98 997	44 826,068	941 194,302	20,997	20,531
19	15	98 949	42 874,815	896 368,234	20,907	20,441
20	16	98 895	41 006,269	853 493,419	20,814	20,348
21	17	98 837	39 217,227	812 487,150	20,718	20,252
22	18	98 778	37 506,172	773 269,922	20,617	20,152
23	19	98 714	35 867,580	735 763,751	20,513	20,048
24	20	98 649	34 300,660	699 896,170	20,405	19,939
25	21	98 583	32 801,656	665 595,510	20,292	19,826
26	22	98 519	31 368,848	632 793,854	20,173	19,707
27	23	98 456	29 998,621	601 425,006	20,048	19,583
28	24	98 382	28 685,440	571 426,386	19,920	19,455
29	25	98 315	27 431,390	542 740,945	19,785	19,320
30	26	98 240	26 230,212	515 309,555	19,646	19,180
31	27	98 165	25 081,339	489 079,343	19,500	19,034
32	28	98 076	23 979,521	463 998,004	19,350	18,884
33	29	97 983	22 925,117	440 018,483	19,194	18,728
34	30	97 888	21 916,660	417 093,366	19,031	18,565
35	31	97 780	20 949,769	395 176,706	18,863	18,397
36	32	97 662	20 023,435	374 226,937	18,689	18,224
37	33	97 541	19 137,537	354 203,502	18,508	18,043
38	34	97 415	18 289,759	335 065,965	18,320	17,854
39	35	97 275	17 476,955	316 776,206	18,125	17,660
40	36	97 130	16 699,382	299 299,251	17,923	17,457
41	37	96 962	15 952,705	282 599,869	17,715	17,249
42	38	96 789	15 238,510	266 647,164	17,498	17,033
43	39	96 588	14 552,051	251 408,654	17,277	16,811
44	40	96 373	13 894,321	236 856,604	17,047	16,581
45	41	96 134	13 263,119	222 962,283	16,811	16,345
46	42	95 865	12 656,371	209 699,164	16,569	16,103
47	43	95 576	12 074,871	197 042,793	16,318	15,853
48	44	95 252	11 515,806	184 967,922	16,062	15,596
49	45	94 890	10 978,012	173 452,116	15,800	15,334
50	46	94 487	10 460,571	162 474,104	15,532	15,066
51	47	94 035	9 962,238	152 013,533	15,259	14,793
52	48	93 537	9 482,820	142 051,295	14,980	14,514
53	49	92 974	9 019,861	132 568,475	14,697	14,232
54	50	92 343	8 572,849	123 548,614	14,412	13,946
55	51	91 647	8 141,878	114 975,765	14,122	13,656
56	52	90 883	7 726,265	106 833,887	13,827	13,362
57	53	90 040	7 325,024	99 107,622	13,530	13,064
58	54	89 117	6 937,724	91 782,598	13,229	12,764
59	55	88 099	6 563,122	84 844,874	12,928	12,462
60	56	86 995	6 201,785	78 281,752	12,622	12,157
61	57	85 810	5 853,870	72 079,968	12,313	11,848
62	58	84 528	5 518,118	66 226,098	12,002	11,536
63	59	83 135	5 193,453	60 707,980	11,689	11,224
64	60	81 652	4 881,175	55 514,527	11,373	10,908
65	61	80 052	4 579,472	50 633,352	11,057	10,591
66	62	78 381	4 290,786	46 053,879	10,733	10,268
67	63	76 632	4 014,356	41 763,094	10,403	9,938
68	64	74 760	3 747,680	37 748,737	10,073	9,607
69	65	72 827	3 493,576	34 001,057	9,732	9,267
70	66	70 753	3 247,916	30 507,482	9,393	8,927
71	67	68 564	3 011,878	27 259,566	9,051	8,585
72	68	66 243	2 784,621	24 247,687	8,708	8,242
73	69	63 852	2 568,522	21 463,067	8,356	7,891
74	70	61 352	2 361,683	18 894,544	8,000	7,535
75	71	58 730	2 163,424	16 532,861	7,642	7,176
76	72	55 972	1 973,028	14 369,437	7,283	6,817
77	73	53 089	1 790,813	12 396,409	6,922	6,457
78	74	50 111	1 617,560	10 605,597	6,557	6,091
79	75	46 976	1 451,068	8 988,037	6,194	5,728
80	76	43 671	1 290,897	7 536,970	5,839	5,373
81	77	40 215	1 137,555	6 246,073	5,491	5,025
82	78	36 622	991,297	5 108,517	5,153	4,688
83	79	32 931	853,017	4 117,221	4,827	4,361
84	80	29 146	722,466	3 264,203	4,518	4,053
85	81	25 355	601,431	2 541,737	4,226	3,761
86	82	21 632	491,021	1 940,307	3,952	3,486
87	83	18 078	392,666	1 449,286	3,691	3,225
88	84	14 763	306,863	1 056,620	3,443	2,978
89	85	11 739	233,499	749,756	3,211	2,745
90	86	9 073	172,695	516,258	2,989	2,524
91	87	6 782	123,531	343,563	2,781	2,316
92	88	4 862	84,744	220,032	2,596	2,131
93	89	3 339	55,687	135,288	2,429	1,964
94	90	2 194	35,020	79,601	2,273	1,807
95	91	1 358	20,745	44,581	2,149	1,683
96	92	808	11,803	23,836	2,019	1,554
97	93	451	6,308	12,033	1,908	1,442
98	94	236	3,160	5,725	1,812	1,346
99	95	115	1,476	2,565	1,737	1,272
100	96	53	0,653	1,089	1,668	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	79 906,700	1 747 845,157	21,874	21,408
6	1	99 264	76 224,277	1 667 938,457	21,882	21,416
7	2	99 231	72 917,476	1 591 714,180	21,829	21,363
8	3	99 210	69 763,305	1 518 796,705	21,771	21,305
9	4	99 191	66 745,752	1 449 033,399	21,710	21,244
10	5	99 174	63 860,590	1 382 287,647	21,645	21,180
11	6	99 158	61 101,330	1 318 427,057	21,578	21,112
12	7	99 143	58 461,102	1 257 325,728	21,507	21,041
13	8	99 130	55 936,497	1 198 864,626	21,433	20,967
14	9	99 115	53 519,316	1 142 928,129	21,355	20,890
15	10	99 096	51 205,157	1 089 408,813	21,275	20,810
16	11	99 076	48 989,883	1 038 203,656	21,192	20,727
17	12	99 043	46 864,705	989 213,773	21,108	20,642
18	13	99 006	44 829,911	942 349,068	21,021	20,555
19	14	98 959	42 879,315	897 519,157	20,931	20,466
20	15	98 908	41 011,400	854 639,842	20,839	20,373
21	16	98 851	39 222,762	813 628,443	20,744	20,278
22	17	98 793	37 511,664	774 405,681	20,644	20,179
23	18	98 734	35 874,886	736 894,017	20,541	20,075
24	19	98 668	34 307,282	701 019,131	20,434	19,968
25	20	98 601	32 807,731	666 711,849	20,322	19,856
26	21	98 536	31 374,042	633 904,118	20,205	19,739
27	22	98 473	30 003,813	602 530,076	20,082	19,616
28	23	98 404	28 691,666	572 526,263	19,954	19,489
29	24	98 332	27 436,043	543 834,597	19,822	19,356
30	25	98 259	26 235,104	516 398,555	19,683	19,218
31	26	98 184	25 086,220	490 163,451	19,539	19,074
32	27	98 097	23 984,760	465 077,231	19,391	18,925
33	28	98 007	22 930,835	441 092,471	19,236	18,770
34	29	97 913	21 922,333	418 161,635	19,075	18,609
35	30	97 809	20 955,992	396 239,302	18,908	18,443
36	31	97 693	20 029,829	375 283,310	18,736	18,271
37	32	97 575	19 144,181	355 253,481	18,557	18,091
38	33	97 450	18 296,273	336 109,300	18,370	17,905
39	34	97 313	17 483,793	317 813,027	18,178	17,712
40	35	97 169	16 706,106	300 329,234	17,977	17,512
41	36	97 008	15 960,187	283 623,128	17,771	17,305
42	37	96 834	15 245,526	267 662,941	17,557	17,091
43	38	96 645	14 560,578	252 417,414	17,336	16,870
44	39	96 430	13 902,602	237 856,836	17,109	16,643
45	40	96 200	13 272,127	223 954,234	16,874	16,408
46	41	95 938	12 666,034	210 682,107	16,634	16,168
47	42	95 655	12 084,899	198 016,073	16,385	15,920
48	43	95 338	11 526,178	185 931,174	16,131	15,666
49	44	94 987	10 989,221	174 404,996	15,871	15,405
50	45	94 592	10 472,216	163 415,774	15,605	15,139
51	46	94 154	9 974,903	152 943,558	15,333	14,867
52	47	93 672	9 496,434	142 968,655	15,055	14,589
53	48	93 123	9 034,312	133 472,221	14,774	14,308
54	49	92 511	8 588,407	124 437,910	14,489	14,023
55	50	91 828	8 157,955	115 849,503	14,201	13,735
56	51	91 084	7 743,368	107 691,548	13,908	13,442
57	52	90 262	7 343,054	99 948,180	13,611	13,146
58	53	89 362	6 956,738	92 605,127	13,312	12,846
59	54	88 365	6 582,934	85 648,389	13,011	12,545
60	55	87 284	6 222,402	79 065,455	12,707	12,241
61	56	86 121	5 875,131	72 843,053	12,399	11,933
62	57	84 867	5 540,236	66 967,922	12,088	11,622
63	58	83 503	5 216,460	61 427,686	11,776	11,310
64	59	82 048	4 904,866	56 211,225	11,460	10,995
65	60	80 486	4 604,294	51 306,359	11,143	10,678
66	61	78 822	4 314,928	46 702,065	10,823	10,358
67	62	77 100	4 038,899	42 387,137	10,495	10,029
68	63	75 256	3 772,520	38 348,238	10,165	9,700
69	64	73 362	3 519,221	34 575,718	9,825	9,359
70	65	71 325	3 274,149	31 056,497	9,485	9,020
71	66	69 168	3 038,420	27 782,347	9,144	8,678
72	67	66 891	2 811,880	24 743,928	8,800	8,334
73	68	64 511	2 595,030	21 932,047	8,452	7,986
74	69	62 045	2 388,366	19 337,017	8,096	7,631
75	70	59 455	2 190,107	16 948,651	7,739	7,273
76	71	56 732	1 999,806	14 758,544	7,380	6,914
77	72	53 865	1 816,994	12 758,738	7,022	6,556
78	73	50 899	1 642,998	10 941,743	6,660	6,194
79	74	47 794	1 476,325	9 298,746	6,299	5,833
80	75	44 520	1 315,990	7 822,420	5,944	5,479
81	76	41 113	1 162,937	6 506,431	5,595	5,129
82	77	37 540	1 016,143	5 343,493	5,259	4,793
83	78	33 884	877,680	4 327,350	4,930	4,465
84	79	30 139	747,062	3 449,670	4,618	4,152
85	80	26 368	625,453	2 702,608	4,321	3,855
86	81	22 629	513,654	2 077,155	4,044	3,578
87	82	19 036	413,481	1 563,501	3,781	3,316
88	83	15 673	325,785	1 150,019	3,530	3,064
89	84	12 585	250,326	824,234	3,293	2,827
90	85	9 832	187,147	573,908	3,067	2,601
91	86	7 444	135,585	386,762	2,853	2,387
92	87	5 409	94,285	251,176	2,664	2,198
93	88	3 772	62,911	156,891	2,494	2,028
94	89	2 525	40,295	93,981	2,332	1,867
95	90	1 594	24,346	53,685	2,205	1,739
96	91	970	14,175	29,339	2,070	1,604
97	92	555	7,764	15,164	1,953	1,487
98	93	299	3,996	7,400	1,852	1,386
99	94	151	1,930	3,404	1,763	1,298
100	95	71	0,869	1,473	1,695	1,229

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	76 458,535	1 669 296,420	21,833	21,367
7	1	99 254	72 934,328	1 592 837,885	21,839	21,374
8	2	99 222	69 771,613	1 519 903,558	21,784	21,318
9	3	99 202	66 753,705	1 450 131,944	21,724	21,258
10	4	99 183	63 866,397	1 383 378,239	21,661	21,195
11	5	99 166	61 105,912	1 319 511,842	21,594	21,128
12	6	99 150	58 464,951	1 258 405,929	21,524	21,058
13	7	99 135	55 939,255	1 199 940,979	21,451	20,985
14	8	99 121	53 522,629	1 144 001,724	21,374	20,909
15	9	99 103	51 208,471	1 090 479,095	21,295	20,829
16	10	99 082	48 992,786	1 039 270,624	21,213	20,747
17	11	99 050	46 868,196	990 277,839	21,129	20,663
18	12	99 014	44 833,458	943 409,643	21,043	20,577
19	13	98 968	42 882,991	898 576,185	20,954	20,489
20	14	98 918	41 015,704	855 693,194	20,863	20,397
21	15	98 863	39 227,669	814 677,490	20,768	20,302
22	16	98 807	37 516,958	775 449,821	20,669	20,204
23	17	98 748	35 880,140	737 932,863	20,567	20,101
24	18	98 688	34 314,270	702 052,724	20,459	19,994
25	19	98 621	32 814,065	667 738,454	20,349	19,884
26	20	98 554	31 379,853	634 924,389	20,234	19,768
27	21	98 489	30 008,781	603 544,537	20,112	19,647
28	22	98 421	28 696,632	573 535,755	19,986	19,521
29	23	98 353	27 441,997	544 839,124	19,854	19,389
30	24	98 275	26 239,553	517 397,127	19,718	19,253
31	25	98 202	25 090,899	491 157,574	19,575	19,110
32	26	98 116	23 989,428	466 066,675	19,428	18,962
33	27	98 028	22 935,845	442 077,247	19,275	18,809
34	28	97 937	21 927,802	419 141,402	19,115	18,649
35	29	97 834	20 961,416	397 213,600	18,950	18,484
36	30	97 722	20 035,778	376 252,184	18,779	18,313
37	31	97 606	19 150,294	356 216,406	18,601	18,135
38	32	97 484	18 302,625	337 066,112	18,416	17,951
39	33	97 348	17 490,020	318 763,487	18,225	17,760
40	34	97 207	16 712,643	301 273,467	18,027	17,561
41	35	97 047	15 966,614	284 560,824	17,822	17,357
42	36	96 879	15 252,677	268 594,210	17,610	17,144
43	37	96 689	14 567,282	253 341,533	17,391	16,926
44	38	96 487	13 910,749	238 774,250	17,165	16,699
45	39	96 257	13 280,038	224 863,501	16,932	16,467
46	40	96 003	12 674,636	211 583,464	16,693	16,228
47	41	95 728	12 094,126	198 908,828	16,447	15,981
48	42	95 417	11 535,751	186 814,702	16,194	15,729
49	43	95 073	10 999,120	175 278,951	15,936	15,470
50	44	94 688	10 482,909	164 279,831	15,671	15,206
51	45	94 259	9 986,007	153 796,922	15,401	14,936
52	46	93 791	9 508,507	143 810,915	15,124	14,659
53	47	93 257	9 047,281	134 302,408	14,845	14,379
54	48	92 659	8 602,166	125 255,127	14,561	14,095
55	49	91 995	8 172,759	116 652,960	14,273	13,808
56	50	91 264	7 758,658	108 480,201	13,982	13,516
57	51	90 462	7 359,309	100 721,543	13,686	13,221
58	52	89 581	6 973,860	93 362,235	13,387	12,922
59	53	88 607	6 600,975	86 388,374	13,087	12,622
60	54	87 548	6 241,186	79 787,399	12,784	12,318
61	55	86 408	5 894,663	73 546,213	12,477	12,011
62	56	85 175	5 560,358	67 651,550	12,167	11,701
63	57	83 838	5 237,369	62 091,192	11,855	11,390
64	58	82 412	4 926,595	56 853,822	11,540	11,075
65	59	80 877	4 626,641	51 927,228	11,224	10,758
66	60	79 249	4 338,316	47 300,587	10,903	10,437
67	61	77 534	4 061,624	42 962,271	10,578	10,112
68	62	75 716	3 795,584	38 900,646	10,249	9,783
69	63	73 848	3 542,547	35 105,062	9,910	9,444
70	64	71 848	3 298,184	31 562,515	9,570	9,104
71	65	69 727	3 062,961	28 264,331	9,228	8,762
72	66	67 481	2 836,660	25 201,370	8,884	8,419
73	67	65 142	2 620,434	22 364,710	8,535	8,069
74	68	62 685	2 413,015	19 744,276	8,182	7,717
75	69	60 127	2 214,852	17 331,262	7,825	7,359
76	70	57 431	2 024,471	15 116,410	7,467	7,001
77	71	54 596	1 841,655	13 091,939	7,109	6,643
78	72	51 643	1 667,018	11 250,284	6,749	6,283
79	73	48 545	1 499,542	9 583,266	6,391	5,925
80	74	45 295	1 338,896	8 083,723	6,038	5,572
81	75	41 912	1 185,543	6 744,827	5,689	5,224
82	76	38 377	1 038,817	5 559,284	5,352	4,886
83	77	34 733	899,679	4 520,468	5,025	4,559
84	78	31 010	768,661	3 620,789	4,711	4,245
85	79	27 266	646,746	2 852,127	4,410	3,944
86	80	23 533	534,170	2 205,381	4,129	3,663
87	81	19 913	432,540	1 671,211	3,864	3,398
88	82	16 504	343,055	1 238,671	3,611	3,145
89	83	13 361	265,762	895,615	3,370	2,904
90	84	10 541	200,633	629,854	3,139	2,674
91	85	8 067	146,932	429,220	2,921	2,456
92	86	5 937	103,485	282,289	2,728	2,262
93	87	4 196	69,993	178,803	2,555	2,089
94	88	2 852	45,523	108,810	2,390	1,925
95	89	1 834	28,014	63,287	2,259	1,794
96	90	1 138	16,636	35,273	2,120	1,655
97	91	667	9,324	18,637	1,999	1,533
98	92	367	4,918	9,313	1,893	1,428
99	93	191	2,441	4,394	1,800	1,334
100	94	93	1,137	1,953	1,718	1,253

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	73 158,475	1 594 092,721	21,790	21,324
8	1	99 245	69 787,738	1 520 934,246	21,794	21,328
9	2	99 214	66 761,655	1 451 146,508	21,736	21,271
10	3	99 194	63 874,007	1 384 384,853	21,674	21,208
11	4	99 175	61 111,469	1 320 510,846	21,608	21,143
12	5	99 157	58 469,335	1 259 399,377	21,539	21,074
13	6	99 142	55 942,937	1 200 930,041	21,467	21,001
14	7	99 126	53 525,268	1 144 987,104	21,392	20,926
15	8	99 109	51 211,641	1 091 461,836	21,313	20,847
16	9	99 088	48 995,956	1 040 250,195	21,231	20,766
17	10	99 056	46 870,973	991 254,239	21,149	20,683
18	11	99 021	44 836,798	944 383,266	21,063	20,597
19	12	98 976	42 886,384	899 546,468	20,975	20,509
20	13	98 927	41 019,220	856 660,085	20,884	20,419
21	14	98 874	39 231,786	815 640,865	20,790	20,325
22	15	98 819	37 521,652	776 409,079	20,692	20,227
23	16	98 762	35 885,203	738 887,427	20,590	20,125
24	17	98 703	34 319,295	703 002,224	20,484	20,019
25	18	98 641	32 820,749	668 682,929	20,374	19,908
26	19	98 573	31 385,911	635 862,180	20,259	19,794
27	20	98 507	30 014,339	604 476,270	20,140	19,674
28	21	98 437	28 701,383	574 461,931	20,015	19,550
29	22	98 370	27 446,747	545 760,547	19,884	19,419
30	23	98 297	26 245,248	518 313,801	19,749	19,283
31	24	98 219	25 095,154	492 068,553	19,608	19,142
32	25	98 135	23 993,902	466 973,399	19,462	18,997
33	26	98 048	22 940,309	442 979,497	19,310	18,844
34	27	97 959	21 932,593	420 039,188	19,151	18,686
35	28	97 859	20 966,645	398 106,595	18,988	18,522
36	29	97 747	20 040,964	377 139,950	18,818	18,353
37	30	97 635	19 155,982	357 098,986	18,642	18,176
38	31	97 515	18 308,469	337 943,004	18,458	17,993
39	32	97 381	17 496,092	319 634,535	18,269	17,803
40	33	97 241	16 718,595	302 138,443	18,072	17,606
41	34	97 085	15 972,861	285 419,848	17,869	17,403
42	35	96 918	15 258,819	269 446,987	17,658	17,193
43	36	96 735	14 574,115	254 188,168	17,441	16,975
44	37	96 531	13 917,154	239 614,053	17,217	16,752
45	38	96 313	13 287,820	225 696,898	16,985	16,520
46	39	96 060	12 682,191	212 409,079	16,749	16,283
47	40	95 793	12 102,339	199 726,888	16,503	16,038
48	41	95 490	11 544,558	187 624,548	16,252	15,787
49	42	95 152	11 008,255	176 079,991	15,995	15,530
50	43	94 774	10 492,351	165 071,736	15,733	15,267
51	44	94 355	9 996,204	154 579,385	15,464	14,998
52	45	93 895	9 519,092	144 583,181	15,189	14,723
53	46	93 376	9 058,784	135 064,089	14,910	14,444
54	47	92 792	8 614,516	126 005,305	14,627	14,161
55	48	92 142	8 185,853	117 390,790	14,341	13,875
56	49	91 429	7 772,738	109 204,936	14,050	13,584
57	50	90 640	7 373,840	101 432,199	13,756	13,290
58	51	89 780	6 989,298	94 058,359	13,457	12,992
59	52	88 825	6 617,223	87 069,061	13,158	12,692
60	53	87 788	6 258,290	80 451,838	12,855	12,390
61	54	86 669	5 912,457	74 193,547	12,549	12,083
62	55	85 458	5 578,843	68 281,090	12,239	11,774
63	56	84 142	5 256,392	62 702,247	11,929	11,463
64	57	82 742	4 946,342	57 445,855	11,614	11,148
65	58	81 235	4 647,137	52 499,513	11,297	10,832
66	59	79 634	4 359,372	47 852,376	10,977	10,511
67	60	77 954	4 083,639	43 493,004	10,651	10,185
68	61	76 142	3 816,940	39 409,365	10,325	9,859
69	62	74 300	3 564,205	35 592,424	9,986	9,520
70	63	72 324	3 320,045	32 028,219	9,647	9,181
71	64	70 238	3 085,446	28 708,174	9,304	8,839
72	65	68 026	2 859,571	25 622,729	8,960	8,495
73	66	65 716	2 643,526	22 763,157	8,611	8,145
74	67	63 299	2 436,636	20 119,631	8,257	7,792
75	68	60 747	2 237,709	17 682,995	7,902	7,437
76	69	58 080	2 047,345	15 445,286	7,544	7,078
77	70	55 270	1 864,369	13 397,941	7,186	6,721
78	71	52 344	1 689,643	11 533,572	6,826	6,360
79	72	49 255	1 521,465	9 843,928	6,470	6,004
80	73	46 007	1 359,952	8 322,463	6,120	5,654
81	74	42 641	1 206,179	6 962,511	5,772	5,307
82	75	39 123	1 059,009	5 756,332	5,436	4,970
83	76	35 508	919,754	4 697,323	5,107	4,642
84	77	31 787	787,928	3 777,569	4,794	4,329
85	78	28 054	665,445	2 989,642	4,493	4,027
86	79	24 334	552,356	2 324,196	4,208	3,742
87	80	20 709	449,817	1 771,841	3,939	3,473
88	81	17 265	358,868	1 322,024	3,684	3,218
89	82	14 069	279,850	963,156	3,442	2,976
90	83	11 191	213,005	683,306	3,208	2,742
91	84	8 648	157,520	470,301	2,986	2,520
92	85	6 434	112,145	312,780	2,789	2,323
93	86	4 606	76,824	200,635	2,612	2,146
94	87	3 173	50,648	123,811	2,445	1,979
95	88	2 072	31,648	73,164	2,312	1,846
96	89	1 310	19,142	41,516	2,169	1,703
97	90	782	10,943	22,373	2,045	1,579
98	91	441	5,907	11,430	1,935	1,470
99	92	235	3,005	5,524	1,838	1,373
100	93	117	1,437	2,519	1,752	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	70 002,215	1 522 093,708	21,744	21,278
9	1	99 237	66 777,084	1 452 091,492	21,745	21,280
10	2	99 206	63 881,614	1 385 314,408	21,686	21,220
11	3	99 187	61 118,751	1 321 432,794	21,621	21,155
12	4	99 166	58 474,653	1 260 314,043	21,553	21,088
13	5	99 149	55 947,133	1 201 839,391	21,482	21,016
14	6	99 132	53 528,792	1 145 892,258	21,407	20,941
15	7	99 114	51 214,166	1 092 363,466	21,329	20,864
16	8	99 094	48 998,990	1 041 149,300	21,248	20,783
17	9	99 062	46 874,006	992 150,311	21,166	20,701
18	10	99 027	44 839,454	945 276,305	21,081	20,616
19	11	98 983	42 889,578	900 436,850	20,994	20,529
20	12	98 934	41 022,465	857 547,272	20,904	20,439
21	13	98 882	39 235,149	816 524,807	20,811	20,345
22	14	98 829	37 525,590	777 289,658	20,714	20,248
23	15	98 774	35 889,693	739 764,068	20,612	20,147
24	16	98 717	34 324,138	703 874,375	20,507	20,041
25	17	98 655	32 825,555	669 550,237	20,397	19,932
26	18	98 593	31 392,304	636 724,682	20,283	19,817
27	19	98 526	30 020,133	605 332,378	20,164	19,699
28	20	98 455	28 706,699	575 312,245	20,041	19,575
29	21	98 386	27 451,291	546 605,546	19,912	19,446
30	22	98 314	26 249,790	519 154,255	19,777	19,312
31	23	98 240	25 100,600	492 904,464	19,637	19,172
32	24	98 151	23 997,971	467 803,864	19,493	19,028
33	25	98 066	22 944,587	443 805,893	19,343	18,877
34	26	97 978	21 936,861	420 861,306	19,185	18,720
35	27	97 880	20 971,226	398 924,445	19,022	18,557
36	28	97 772	20 045,964	377 953,219	18,854	18,389
37	29	97 661	19 160,940	357 907,255	18,679	18,213
38	30	97 544	18 313,907	338 746,315	18,497	18,031
39	31	97 413	17 501,679	320 432,408	18,309	17,843
40	32	97 275	16 724,399	302 930,729	18,113	17,647
41	33	97 119	15 978,550	286 206,330	17,912	17,446
42	34	96 956	15 264,789	270 227,780	17,703	17,237
43	35	96 774	14 579,984	254 962,991	17,487	17,022
44	36	96 576	13 923,682	240 383,007	17,264	16,799
45	37	96 358	13 293,938	226 459,325	17,035	16,569
46	38	96 117	12 689,623	213 165,387	16,798	16,333
47	39	95 850	12 109,553	200 475,764	16,555	16,090
48	40	95 555	11 552,398	188 366,211	16,305	15,840
49	41	95 224	11 016,659	176 813,813	16,050	15,584
50	42	94 852	10 501,065	165 797,154	15,789	15,323
51	43	94 440	10 005,208	155 296,089	15,522	15,056
52	44	93 991	9 528,812	145 290,881	15,248	14,782
53	45	93 480	9 068,868	135 762,069	14,970	14,505
54	46	92 910	8 625,468	126 693,201	14,688	14,223
55	47	92 275	8 197,605	118 067,734	14,403	13,937
56	48	91 576	7 785,191	109 870,129	14,113	13,647
57	49	90 805	7 387,222	102 084,938	13,819	13,354
58	50	89 957	7 003,099	94 697,717	13,522	13,057
59	51	89 022	6 631,871	87 694,618	13,223	12,758
60	52	88 004	6 273,694	81 062,746	12,921	12,455
61	53	86 906	5 928,661	74 789,052	12,615	12,149
62	54	85 716	5 595,684	68 860,391	12,306	11,840
63	55	84 422	5 273,866	63 264,707	11,996	11,530
64	56	83 043	4 964,307	57 990,841	11,682	11,216
65	57	81 561	4 665,764	53 026,534	11,365	10,899
66	58	79 987	4 378,684	48 360,769	11,045	10,579
67	59	78 332	4 103,459	43 982,085	10,718	10,253
68	60	76 555	3 837,629	39 878,626	10,391	9,926
69	61	74 718	3 584,260	36 040,997	10,055	9,590
70	62	72 766	3 340,343	32 456,737	9,717	9,251
71	63	70 704	3 105,896	29 116,394	9,375	8,909
72	64	68 525	2 880,563	26 010,498	9,030	8,564
73	65	66 247	2 664,877	23 129,935	8,680	8,214
74	66	63 857	2 458,109	20 465,058	8,326	7,860
75	67	61 342	2 259,615	18 006,949	7,969	7,503
76	68	58 680	2 068,474	15 747,334	7,613	7,147
77	69	55 894	1 885,434	13 678,860	7,255	6,789
78	70	52 989	1 710,483	11 793,426	6,895	6,429
79	71	49 923	1 542,115	10 082,943	6,538	6,073
80	72	46 680	1 379,834	8 540,828	6,190	5,724
81	73	43 312	1 225,147	7 160,994	5,845	5,379
82	74	39 804	1 077,443	5 935,847	5,509	5,044
83	75	36 198	937,632	4 858,404	5,182	4,716
84	76	32 497	805,509	3 920,772	4,867	4,402
85	77	28 757	682,124	3 115,263	4,567	4,101
86	78	25 038	568,326	2 433,139	4,281	3,816
87	79	21 414	465,130	1 864,813	4,009	3,544
88	80	17 955	373,202	1 399,683	3,750	3,285
89	81	14 718	292,749	1 026,481	3,506	3,041
90	82	11 784	224,297	733,731	3,271	2,806
91	83	9 181	167,234	509,435	3,046	2,581
92	84	6 898	120,227	342,201	2,846	2,381
93	85	4 991	83,253	221,974	2,666	2,201
94	86	3 483	55,590	138,721	2,495	2,030
95	87	2 305	35,211	83,132	2,361	1,895
96	88	1 480	21,626	47,921	2,216	1,750
97	89	900	12,592	26,295	2,088	1,623
98	90	518	6,932	13,703	1,977	1,511
99	91	282	3,609	6,771	1,876	1,411
100	92	144	1,769	3,163	1,788	1,322

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	66 982,309	1 453 162,871	21,695	21,229
10	1	99 229	63 896,378	1 386 180,562	21,694	21,229
11	2	99 199	61 126,030	1 322 284,185	21,632	21,166
12	3	99 178	58 481,620	1 261 158,155	21,565	21,099
13	4	99 158	55 952,221	1 202 676,535	21,495	21,029
14	5	99 140	53 532,806	1 146 724,315	21,421	20,955
15	6	99 120	51 217,537	1 093 191,508	21,344	20,878
16	7	99 099	49 001,405	1 041 973,971	21,264	20,799
17	8	99 069	46 876,908	992 972,566	21,183	20,717
18	9	99 033	44 842,356	946 095,658	21,098	20,633
19	10	98 989	42 892,120	901 253,302	21,012	20,546
20	11	98 942	41 025,521	858 361,182	20,923	20,457
21	12	98 890	39 238,253	817 335,661	20,830	20,364
22	13	98 838	37 528,807	778 097,407	20,733	20,268
23	14	98 785	35 893,460	740 568,600	20,632	20,167
24	15	98 729	34 328,433	704 675,141	20,527	20,062
25	16	98 669	32 830,187	670 346,708	20,419	19,953
26	17	98 608	31 396,901	637 516,521	20,305	19,839
27	18	98 546	30 026,248	606 119,620	20,186	19,721
28	19	98 474	28 712,241	576 093,372	20,064	19,599
29	20	98 405	27 456,376	547 381,131	19,936	19,471
30	21	98 330	26 254,137	519 924,756	19,804	19,338
31	22	98 257	25 104,945	493 670,619	19,664	19,199
32	23	98 173	24 003,180	468 565,674	19,521	19,055
33	24	98 082	22 948,478	444 562,495	19,372	18,907
34	25	97 996	21 940,952	421 614,016	19,216	18,750
35	26	97 899	20 975,307	399 673,064	19,054	18,589
36	27	97 793	20 050,343	378 697,757	18,887	18,422
37	28	97 685	19 165,720	358 647,414	18,713	18,247
38	29	97 569	18 318,648	339 481,694	18,532	18,066
39	30	97 442	17 506,877	321 163,046	18,345	17,879
40	31	97 306	16 729,739	303 656,169	18,151	17,685
41	32	97 153	15 984,097	286 926,430	17,951	17,485
42	33	96 991	15 270,226	270 942,333	17,743	17,278
43	34	96 812	14 585,688	255 672,106	17,529	17,063
44	35	96 615	13 929,289	241 086,418	17,308	16,842
45	36	96 403	13 300,174	227 157,129	17,079	16,614
46	37	96 161	12 695,465	213 856,956	16,845	16,380
47	38	95 907	12 116,649	201 161,490	16,602	16,136
48	39	95 612	11 559,284	189 044,841	16,354	15,889
49	40	95 289	11 024,141	177 485,557	16,100	15,634
50	41	94 925	10 509,082	166 461,416	15,840	15,374
51	42	94 519	10 013,517	155 952,334	15,574	15,109
52	43	94 076	9 537,395	145 938,817	15,302	14,836
53	44	93 575	9 078,128	136 401,422	15,025	14,560
54	45	93 013	8 635,070	127 323,294	14,745	14,279
55	46	92 392	8 208,027	118 688,225	14,460	13,994
56	47	91 707	7 796,367	110 480,198	14,171	13,705
57	48	90 950	7 399,057	102 683,831	13,878	13,412
58	49	90 120	7 015,808	95 284,774	13,581	13,116
59	50	89 198	6 644,966	88 268,966	13,284	12,818
60	51	88 198	6 287,582	81 624,000	12,982	12,516
61	52	87 120	5 943,253	75 336,418	12,676	12,210
62	53	85 951	5 611,020	69 393,164	12,367	11,902
63	54	84 677	5 289,786	63 782,144	12,058	11,592
64	55	83 319	4 980,811	58 492,358	11,744	11,278
65	56	81 857	4 682,711	53 511,547	11,427	10,962
66	57	80 307	4 396,235	48 828,837	11,107	10,641
67	58	78 679	4 121,638	44 432,601	10,780	10,315
68	59	76 926	3 856,255	40 310,964	10,453	9,988
69	60	75 123	3 603,687	36 454,709	10,116	9,650
70	61	73 176	3 359,138	32 851,022	9,780	9,314
71	62	71 136	3 124,885	29 491,884	9,438	8,972
72	63	68 979	2 899,655	26 366,999	9,093	8,628
73	64	66 733	2 684,440	23 467,344	8,742	8,276
74	65	64 372	2 477,963	20 782,904	8,387	7,921
75	66	61 882	2 279,528	18 304,941	8,030	7,565
76	67	59 254	2 088,723	16 025,413	7,672	7,207
77	68	56 471	1 904,892	13 936,691	7,316	6,851
78	69	53 588	1 729,809	12 031,799	6,956	6,490
79	70	50 539	1 561,135	10 301,990	6,599	6,133
80	71	47 313	1 398,562	8 740,855	6,250	5,784
81	72	43 945	1 243,059	7 342,293	5,907	5,441
82	73	40 430	1 094,387	6 099,234	5,573	5,108
83	74	36 828	953,953	5 004,848	5,246	4,781
84	75	33 128	821,166	4 050,895	4,933	4,467
85	76	29 399	697,345	3 229,729	4,631	4,166
86	77	25 665	582,571	2 532,384	4,347	3,881
87	78	22 033	478,579	1 949,813	4,074	3,609
88	79	18 566	385,907	1 471,235	3,812	3,347
89	80	15 306	304,442	1 085,327	3,565	3,099
90	81	12 327	234,635	780,885	3,328	2,862
91	82	9 668	176,099	546,250	3,102	2,636
92	83	7 323	127,641	370,151	2,900	2,434
93	84	5 351	89,252	242,510	2,717	2,252
94	85	3 774	60,242	153,258	2,544	2,078
95	86	2 530	38,647	93,016	2,407	1,941
96	87	1 646	24,060	54,369	2,260	1,794
97	88	1 017	14,225	30,309	2,131	1,665
98	89	596	7,977	16,084	2,016	1,551
99	90	331	4,235	8,108	1,914	1,449
100	91	173	2,125	3,872	1,823	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	64 092,749	1 387 170,680	21,643	21,178
11	1	99 221	61 140,156	1 323 077,931	21,640	21,174
12	2	99 190	58 488,585	1 261 937,774	21,576	21,110
13	3	99 170	55 958,887	1 203 449,190	21,506	21,040
14	4	99 149	53 537,674	1 147 490,302	21,433	20,968
15	5	99 128	51 221,379	1 093 952,628	21,357	20,892
16	6	99 106	49 004,631	1 042 731,249	21,278	20,813
17	7	99 073	46 879,219	993 726,618	21,198	20,732
18	8	99 040	44 845,133	946 847,399	21,114	20,648
19	9	98 995	42 894,896	902 002,266	21,028	20,563
20	10	98 948	41 027,952	859 107,371	20,940	20,474
21	11	98 897	39 241,176	818 079,419	20,847	20,382
22	12	98 846	37 531,776	778 838,243	20,751	20,286
23	13	98 793	35 896,537	741 306,466	20,651	20,186
24	14	98 739	34 332,035	705 409,930	20,547	20,081
25	15	98 681	32 834,295	671 077,895	20,438	19,973
26	16	98 622	31 401,331	638 243,600	20,325	19,860
27	17	98 561	30 030,645	606 842,268	20,207	19,742
28	18	98 494	28 718,089	576 811,623	20,085	19,620
29	19	98 424	27 461,676	548 093,534	19,958	19,493
30	20	98 348	26 258,999	520 631,858	19,827	19,361
31	21	98 273	25 109,102	494 372,859	19,689	19,223
32	22	98 190	24 007,334	469 263,757	19,547	19,081
33	23	98 104	22 953,459	445 256,423	19,398	18,933
34	24	98 013	21 944,673	422 302,964	19,244	18,778
35	25	97 917	20 979,219	400 358,291	19,084	18,618
36	26	97 812	20 054,245	379 379,072	18,918	18,452
37	27	97 706	19 169,907	359 324,827	18,744	18,279
38	28	97 593	18 323,217	340 154,919	18,564	18,099
39	29	97 467	17 511,409	321 831,702	18,378	17,913
40	30	97 335	16 734,709	304 320,293	18,185	17,719
41	31	97 184	15 989,201	287 585,585	17,986	17,521
42	32	97 024	15 275,527	271 596,384	17,780	17,314
43	33	96 846	14 590,883	256 320,856	17,567	17,102
44	34	96 653	13 934,739	241 729,973	17,347	16,882
45	35	96 442	13 305,529	227 795,234	17,120	16,655
46	36	96 206	12 701,421	214 489,706	16,887	16,421
47	37	95 951	12 122,228	201 788,285	16,646	16,181
48	38	95 668	11 566,058	189 666,057	16,399	15,933
49	39	95 346	11 030,712	178 099,999	16,146	15,680
50	40	94 989	10 516,219	167 069,287	15,887	15,421
51	41	94 591	10 021,162	156 553,067	15,622	15,157
52	42	94 154	9 545,316	146 531,906	15,351	14,886
53	43	93 659	9 086,305	136 986,590	15,076	14,611
54	44	93 108	8 643,887	127 900,285	14,797	14,331
55	45	92 495	8 217,164	119 256,398	14,513	14,047
56	46	91 824	7 806,279	111 039,234	14,224	13,759
57	47	91 081	7 409,679	103 232,956	13,932	13,467
58	48	90 265	7 027,048	95 823,277	13,636	13,171
59	49	89 360	6 657,025	88 796,228	13,339	12,873
60	50	88 373	6 299,997	82 139,204	13,038	12,572
61	51	87 313	5 956,410	75 839,206	12,732	12,267
62	52	86 163	5 624,830	69 882,796	12,424	11,958
63	53	84 909	5 304,284	64 257,966	12,114	11,649
64	54	83 570	4 995,846	58 953,682	11,801	11,335
65	55	82 129	4 698,278	53 957,836	11,485	11,019
66	56	80 599	4 412,203	49 259,558	11,164	10,699
67	57	78 995	4 138,159	44 847,355	10,838	10,372
68	58	77 267	3 873,338	40 709,197	10,510	10,044
69	59	75 487	3 621,178	36 835,858	10,172	9,707
70	60	73 573	3 377,345	33 214,681	9,835	9,369
71	61	71 536	3 142,467	29 837,336	9,495	9,029
72	62	69 401	2 917,383	26 694,869	9,150	8,685
73	63	67 176	2 702,233	23 777,485	8,799	8,334
74	64	64 845	2 496,153	21 075,253	8,443	7,977
75	65	62 382	2 297,939	18 579,099	8,085	7,620
76	66	59 776	2 107,129	16 281,160	7,727	7,261
77	67	57 024	1 923,539	14 174,031	7,369	6,903
78	68	54 141	1 747,661	12 250,492	7,010	6,544
79	69	51 110	1 578,773	10 502,831	6,653	6,187
80	70	47 897	1 415,811	8 924,058	6,303	5,838
81	71	44 542	1 259,930	7 508,246	5,959	5,494
82	72	41 021	1 110,387	6 248,317	5,627	5,162
83	73	37 407	968,955	5 137,930	5,303	4,837
84	74	33 705	835,460	4 168,975	4,990	4,524
85	75	29 970	710,900	3 333,515	4,689	4,224
86	76	26 238	595,570	2 622,615	4,404	3,938
87	77	22 585	490,574	2 027,046	4,132	3,666
88	78	19 103	397,065	1 536,472	3,870	3,404
89	79	15 827	314,807	1 139,407	3,619	3,154
90	80	12 819	244,007	824,600	3,379	2,914
91	81	10 114	184,216	580,593	3,152	2,686
92	82	7 711	134,407	396,377	2,949	2,483
93	83	5 681	94,756	261,970	2,765	2,299
94	84	4 046	64,583	167,215	2,589	2,124
95	85	2 742	41,881	102,631	2,451	1,985
96	86	1 807	26,408	60,750	2,300	1,835
97	87	1 132	15,827	34,342	2,170	1,704
98	88	673	9,011	18,516	2,055	1,589
99	89	380	4,873	9,504	1,950	1,485
100	90	203	2,494	4,631	1,857	1,392

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	61 328,057	1 323 993,137	21,589	21,123
12	1	99 213	58 502,102	1 262 665,080	21,583	21,118
13	2	99 182	55 965,552	1 204 162,978	21,516	21,051
14	3	99 161	53 544,054	1 148 197,426	21,444	20,978
15	4	99 137	51 226,037	1 094 653,372	21,369	20,903
16	5	99 113	49 008,306	1 043 427,336	21,291	20,825
17	6	99 080	46 882,305	994 419,029	21,211	20,745
18	7	99 044	44 847,343	947 536,724	21,128	20,662
19	8	99 002	42 897,551	902 689,381	21,043	20,577
20	9	98 954	41 030,607	859 791,829	20,955	20,489
21	10	98 903	39 243,502	818 761,222	20,864	20,398
22	11	98 853	37 534,572	779 517,721	20,768	20,302
23	12	98 801	35 899,377	741 983,149	20,668	20,203
24	13	98 748	34 334,978	706 083,772	20,565	20,099
25	14	98 692	32 837,741	671 748,794	20,457	19,991
26	15	98 634	31 405,260	638 911,053	20,344	19,878
27	16	98 575	30 034,883	607 505,793	20,227	19,761
28	17	98 509	28 722,295	577 470,910	20,105	19,640
29	18	98 444	27 467,270	548 748,615	19,978	19,513
30	19	98 367	26 264,069	521 281,345	19,848	19,382
31	20	98 292	25 113,752	495 017,276	19,711	19,245
32	21	98 206	24 011,309	469 903,524	19,570	19,104
33	22	98 121	22 957,432	445 892,215	19,423	18,957
34	23	98 034	21 949,436	422 934,783	19,269	18,803
35	24	97 934	20 982,777	400 985,347	19,110	18,645
36	25	97 830	20 057,985	380 002,571	18,945	18,480
37	26	97 725	19 173,638	359 944,585	18,773	18,307
38	27	97 615	18 327,220	340 770,948	18,594	18,128
39	28	97 491	17 515,777	322 443,727	18,409	17,943
40	29	97 360	16 739,040	304 927,950	18,217	17,751
41	30	97 213	15 993,950	288 188,910	18,019	17,553
42	31	97 055	15 280,405	272 194,960	17,813	17,348
43	32	96 880	14 595,949	256 914,555	17,602	17,136
44	33	96 687	13 939,702	242 318,606	17,383	16,918
45	34	96 480	13 310,735	228 378,904	17,157	16,692
46	35	96 245	12 706,535	215 068,169	16,926	16,460
47	36	95 996	12 127,914	202 361,634	16,686	16,220
48	37	95 712	11 571,383	190 233,720	16,440	15,974
49	38	95 402	11 037,176	178 662,337	16,187	15,722
50	39	95 046	10 522,488	167 625,161	15,930	15,465
51	40	94 655	10 027,968	157 102,673	15,666	15,201
52	41	94 226	9 552,603	147 074,705	15,396	14,931
53	42	93 737	9 093,851	137 522,102	15,123	14,657
54	43	93 192	8 651,673	128 428,251	14,844	14,379
55	44	92 589	8 225,554	119 776,579	14,562	14,096
56	45	91 926	7 814,969	111 551,024	14,274	13,808
57	46	91 197	7 419,099	103 736,056	13,982	13,517
58	47	90 394	7 037,136	96 316,956	13,687	13,221
59	48	89 503	6 667,690	89 279,820	13,390	12,924
60	49	88 533	6 311,430	82 612,130	13,089	12,624
61	50	87 485	5 968,171	76 300,699	12,785	12,319
62	51	86 353	5 637,282	70 332,528	12,476	12,011
63	52	85 118	5 317,339	64 695,246	12,167	11,701
64	53	83 799	5 009,538	59 377,907	11,853	11,387
65	54	82 377	4 712,461	54 368,369	11,537	11,072
66	55	80 867	4 426,870	49 655,908	11,217	10,751
67	56	79 282	4 153,189	45 229,038	10,890	10,425
68	57	77 577	3 888,864	41 075,849	10,562	10,097
69	58	75 822	3 637,220	37 186,985	10,224	9,758
70	59	73 930	3 393,737	33 549,766	9,886	9,420
71	60	71 924	3 159,500	30 156,029	9,545	9,079
72	61	69 792	2 933,798	26 996,529	9,202	8,736
73	62	67 586	2 718,753	24 062,731	8,851	8,385
74	63	65 275	2 512,698	21 343,977	8,494	8,029
75	64	62 840	2 314,808	18 831,279	8,135	7,670
76	65	60 259	2 124,148	16 516,471	7,776	7,310
77	66	57 526	1 940,490	14 392,323	7,417	6,951
78	67	54 671	1 764,769	12 451,833	7,056	6,590
79	68	51 638	1 595,067	10 687,064	6,700	6,234
80	69	48 438	1 431,808	9 091,997	6,350	5,884
81	70	45 091	1 275,470	7 660,189	6,006	5,540
82	71	41 578	1 125,457	6 384,720	5,673	5,207
83	72	37 954	983,121	5 259,263	5,350	4,884
84	73	34 235	848,598	4 276,142	5,039	4,573
85	74	30 492	723,274	3 427,543	4,739	4,273
86	75	26 748	607,146	2 704,269	4,454	3,988
87	76	23 089	501,520	2 097,123	4,182	3,716
88	77	19 582	407,017	1 595,603	3,920	3,455
89	78	16 284	323,909	1 188,585	3,670	3,204
90	79	13 256	252,314	864,677	3,427	2,961
91	80	10 518	191,574	612,363	3,196	2,731
92	81	8 067	140,602	420,789	2,993	2,527
93	82	5 982	99,779	280,187	2,808	2,342
94	83	4 296	68,566	180,408	2,631	2,166
95	84	2 940	44,899	111,842	2,491	2,025
96	85	1 958	28,618	66,943	2,339	1,874
97	86	1 242	17,371	38,325	2,206	1,741
98	87	749	10,026	20,954	2,090	1,624
99	88	430	5,505	10,928	1,985	1,519
100	89	234	2,869	5,423	1,890	1,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	58 681,895	1 263 511,257	21,532	21,066
13	1	99 205	55 978,486	1 204 829,361	21,523	21,057
14	2	99 172	53 550,430	1 148 850,876	21,454	20,988
15	3	99 149	51 232,140	1 095 300,445	21,379	20,914
16	4	99 122	49 012,763	1 044 068,305	21,302	20,836
17	5	99 087	46 885,821	995 055,542	21,223	20,757
18	6	99 051	44 850,296	948 169,720	21,141	20,675
19	7	99 006	42 899,666	903 319,425	21,057	20,591
20	8	98 960	41 033,148	860 419,759	20,969	20,503
21	9	98 909	39 246,041	819 386,611	20,878	20,413
22	10	98 859	37 536,796	780 140,570	20,783	20,318
23	11	98 808	35 902,051	742 603,774	20,684	20,219
24	12	98 756	34 337,695	706 701,723	20,581	20,115
25	13	98 700	32 840,556	672 364,028	20,474	20,008
26	14	98 644	31 408,556	639 523,472	20,361	19,896
27	15	98 587	30 038,641	608 114,916	20,244	19,779
28	16	98 523	28 726,348	578 076,275	20,124	19,658
29	17	98 458	27 471,292	549 349,927	19,997	19,532
30	18	98 387	26 269,418	521 878,635	19,866	19,401
31	19	98 311	25 118,601	495 609,217	19,731	19,265
32	20	98 224	24 015,756	470 490,616	19,591	19,125
33	21	98 137	22 961,233	446 474,860	19,445	18,979
34	22	98 051	21 953,235	423 513,627	19,292	18,826
35	23	97 955	20 987,331	401 560,392	19,133	18,668
36	24	97 847	20 061,387	380 573,061	18,970	18,505
37	25	97 744	19 177,214	360 511,674	18,799	18,333
38	26	97 634	18 330,787	341 334,460	18,621	18,155
39	27	97 512	17 519,604	323 003,673	18,437	17,971
40	28	97 385	16 743,216	305 484,069	18,245	17,780
41	29	97 238	15 998,090	288 740,854	18,048	17,583
42	30	97 084	15 284,943	272 742,763	17,844	17,378
43	31	96 911	14 600,609	257 457,820	17,633	17,168
44	32	96 721	13 944,541	242 857,211	17,416	16,950
45	33	96 514	13 315,476	228 912,669	17,191	16,726
46	34	96 282	12 711,506	215 597,194	16,961	16,495
47	35	96 034	12 132,798	202 885,687	16,722	16,256
48	36	95 757	11 576,811	190 752,889	16,477	16,012
49	37	95 446	11 042,258	179 176,078	16,226	15,761
50	38	95 102	10 528,654	168 133,820	15,969	15,504
51	39	94 711	10 033,945	157 605,166	15,707	15,242
52	40	94 290	9 559,091	147 571,222	15,438	14,972
53	41	93 809	9 100,794	138 012,131	15,165	14,699
54	42	93 270	8 658,858	128 911,337	14,888	14,422
55	43	92 673	8 232,963	120 252,479	14,606	14,141
56	44	92 020	7 822,948	112 019,516	14,319	13,854
57	45	91 298	7 427,358	104 196,568	14,029	13,563
58	46	90 509	7 046,083	96 769,209	13,734	13,268
59	47	89 631	6 677,262	89 723,126	13,437	12,971
60	48	88 675	6 321,542	83 045,864	13,137	12,671
61	49	87 644	5 979,002	76 724,322	12,832	12,367
62	50	86 524	5 648,413	70 745,320	12,525	12,059
63	51	85 306	5 329,110	65 096,907	12,215	11,750
64	52	84 006	5 021,868	59 767,797	11,902	11,436
65	53	82 603	4 725,376	54 745,928	11,586	11,120
66	54	81 111	4 440,234	50 020,553	11,265	10,800
67	55	79 545	4 166,995	45 580,319	10,938	10,473
68	56	77 858	3 902,988	41 413,323	10,611	10,145
69	57	76 126	3 651,799	37 510,335	10,272	9,806
70	58	74 257	3 408,771	33 858,536	9,933	9,467
71	59	72 273	3 174,835	30 449,765	9,591	9,125
72	60	70 170	2 949,700	27 274,930	9,247	8,781
73	61	67 967	2 734,051	24 325,230	8,897	8,432
74	62	65 674	2 528,060	21 591,180	8,541	8,075
75	63	63 257	2 330,151	19 063,120	8,181	7,715
76	64	60 701	2 139,741	16 732,969	7,820	7,354
77	65	57 991	1 956,163	14 593,228	7,460	6,995
78	66	55 153	1 780,321	12 637,064	7,098	6,633
79	67	52 143	1 610,681	10 856,743	6,740	6,275
80	68	48 938	1 446,584	9 246,062	6,392	5,926
81	69	45 600	1 289,880	7 799,478	6,047	5,581
82	70	42 091	1 139,338	6 509,597	5,713	5,248
83	71	38 469	996,464	5 370,259	5,389	4,924
84	72	34 736	861,005	4 373,795	5,080	4,614
85	73	30 972	734,648	3 512,790	4,782	4,316
86	74	27 214	617,714	2 778,142	4,497	4,032
87	75	23 538	511,269	2 160,428	4,226	3,760
88	76	20 018	416,099	1 649,159	3,963	3,498
89	77	16 693	332,027	1 233,060	3,714	3,248
90	78	13 639	259,609	901,032	3,471	3,005
91	79	10 876	198,096	641,423	3,238	2,772
92	80	8 389	146,218	443,328	3,032	2,566
93	81	6 258	104,378	297,109	2,846	2,381
94	82	4 523	72,200	192,731	2,669	2,204
95	83	3 121	47,668	120,531	2,529	2,063
96	84	2 099	30,680	72,863	2,375	1,909
97	85	1 346	18,825	42,183	2,241	1,775
98	86	822	11,004	23,358	2,123	1,657
99	87	478	6,125	12,354	2,017	1,551
100	88	264	3,241	6,229	1,922	1,456

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	56 150,523	1 205 611,946	21,471	21,005
14	1	99 195	53 562,806	1 149 461,423	21,460	20,994
15	2	99 160	51 238,242	1 095 898,616	21,388	20,923
16	3	99 134	49 018,603	1 044 660,375	21,312	20,846
17	4	99 096	46 890,085	995 641,772	21,234	20,768
18	5	99 058	44 853,659	948 751,686	21,152	20,687
19	6	99 013	42 902,490	903 898,027	21,069	20,603
20	7	98 965	41 035,170	860 995,537	20,982	20,516
21	8	98 916	39 248,471	819 960,366	20,892	20,426
22	9	98 865	37 539,225	780 711,895	20,797	20,332
23	10	98 814	35 904,178	743 172,670	20,699	20,233
24	11	98 763	34 340,253	707 268,492	20,596	20,130
25	12	98 708	32 843,154	672 928,239	20,489	20,024
26	13	98 653	31 411,249	640 085,085	20,378	19,912
27	14	98 597	30 041,793	608 673,836	20,261	19,795
28	15	98 535	28 729,942	578 632,043	20,140	19,675
29	16	98 472	27 475,169	549 902,101	20,015	19,549
30	17	98 402	26 273,265	522 426,932	19,884	19,419
31	18	98 331	25 123,717	496 153,667	19,748	19,283
32	19	98 243	24 020,393	471 029,950	19,610	19,144
33	20	98 155	22 965,486	447 009,557	19,464	18,999
34	21	98 067	21 956,870	424 044,071	19,313	18,847
35	22	97 972	20 990,963	402 087,201	19,155	18,690
36	23	97 868	20 065,741	381 096,238	18,992	18,527
37	24	97 760	19 180,466	361 030,497	18,823	18,357
38	25	97 652	18 334,206	341 850,031	18,645	18,180
39	26	97 531	17 523,013	323 515,825	18,462	17,997
40	27	97 406	16 746,874	305 992,812	18,272	17,806
41	28	97 262	16 002,081	289 245,938	18,076	17,610
42	29	97 109	15 288,900	273 243,857	17,872	17,406
43	30	96 939	14 604,946	257 954,957	17,662	17,197
44	31	96 752	13 948,994	243 350,011	17,446	16,980
45	32	96 547	13 320,099	229 401,018	17,222	16,757
46	33	96 317	12 716,034	216 080,919	16,993	16,527
47	34	96 072	12 137,545	203 364,885	16,755	16,289
48	35	95 796	11 581,473	191 227,340	16,511	16,046
49	36	95 490	11 047,437	179 645,868	16,261	15,796
50	37	95 145	10 533,502	168 598,430	16,006	15,540
51	38	94 767	10 039,825	158 064,929	15,744	15,278
52	39	94 346	9 564,788	148 025,104	15,476	15,010
53	40	93 872	9 106,975	138 460,315	15,204	14,738
54	41	93 341	8 665,468	129 353,341	14,927	14,462
55	42	92 750	8 239,801	120 687,872	14,647	14,181
56	43	92 103	7 829,995	112 448,071	14,361	13,896
57	44	91 392	7 434,942	104 618,077	14,071	13,606
58	45	90 610	7 053,926	97 183,134	13,777	13,312
59	46	89 745	6 685,752	90 129,208	13,481	13,015
60	47	88 802	6 330,617	83 443,456	13,181	12,715
61	48	87 784	5 988,581	77 112,839	12,877	12,411
62	49	86 681	5 658,664	71 124,258	12,569	12,103
63	50	85 475	5 339,633	65 465,595	12,260	11,795
64	51	84 191	5 032,985	60 125,962	11,946	11,481
65	52	82 806	4 737,006	55 092,977	11,630	11,165
66	53	81 334	4 452,403	50 355,970	11,310	10,844
67	54	79 785	4 179,574	45 903,567	10,983	10,517
68	55	78 117	3 915,963	41 723,993	10,655	10,189
69	56	76 402	3 665,062	37 808,029	10,316	9,850
70	57	74 555	3 422,435	34 142,967	9,976	9,511
71	58	72 593	3 188,900	30 720,533	9,634	9,168
72	59	70 510	2 964,016	27 531,633	9,289	8,823
73	60	68 335	2 748,870	24 567,617	8,937	8,472
74	61	66 043	2 542,284	21 818,747	8,582	8,117
75	62	63 643	2 344,397	19 276,462	8,222	7,757
76	63	61 104	2 153,924	16 932,066	7,861	7,395
77	64	58 417	1 970,523	14 778,142	7,500	7,034
78	65	55 598	1 794,700	12 807,619	7,136	6,671
79	66	52 603	1 624,875	11 012,918	6,778	6,312
80	67	49 417	1 460,745	9 388,043	6,427	5,961
81	68	46 071	1 303,192	7 927,298	6,083	5,617
82	69	42 566	1 152,211	6 624,106	5,749	5,283
83	70	38 944	1 008,754	5 471,895	5,424	4,959
84	71	35 207	872,691	4 463,141	5,114	4,649
85	72	31 424	745,389	3 590,450	4,817	4,351
86	73	27 642	627,429	2 845,061	4,534	4,069
87	74	23 948	520,168	2 217,633	4,263	3,798
88	75	20 408	424,187	1 697,464	4,002	3,536
89	76	17 065	339,436	1 273,277	3,751	3,286
90	77	13 981	266,116	933,841	3,509	3,044
91	78	11 190	203,823	667,725	3,276	2,810
92	79	8 674	151,196	463,902	3,068	2,603
93	80	6 508	108,547	312,706	2,881	2,415
94	81	4 732	75,528	204,159	2,703	2,237
95	82	3 286	50,195	128,631	2,563	2,097
96	83	2 228	32,572	78,436	2,408	1,942
97	84	1 443	20,181	45,864	2,273	1,807
98	85	891	11,925	25,682	2,154	1,688
99	86	525	6,723	13,757	2,046	1,581
100	87	294	3,606	7,035	1,951	1,485

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	53 727,420	1 150 185,417	21,408	20,942
15	1	99 183	51 250,083	1 096 457,998	21,394	20,929
16	2	99 146	49 024,441	1 045 207,914	21,320	20,855
17	3	99 108	46 895,672	996 183,473	21,243	20,777
18	4	99 067	44 857,738	949 287,801	21,162	20,697
19	5	99 020	42 905,708	904 430,063	21,079	20,614
20	6	98 972	41 037,872	861 524,355	20,993	20,528
21	7	98 920	39 250,406	820 486,483	20,904	20,438
22	8	98 871	37 541,549	781 236,077	20,810	20,344
23	9	98 821	35 906,502	743 694,528	20,712	20,246
24	10	98 769	34 342,288	707 788,026	20,610	20,144
25	11	98 715	32 845,601	673 445,738	20,503	20,038
26	12	98 660	31 413,734	640 600,138	20,392	19,927
27	13	98 606	30 044,369	609 186,404	20,276	19,811
28	14	98 545	28 732,957	579 142,035	20,156	19,690
29	15	98 484	27 478,607	550 409,078	20,030	19,565
30	16	98 416	26 276,973	522 930,471	19,901	19,435
31	17	98 345	25 127,396	496 653,498	19,765	19,300
32	18	98 263	24 025,285	471 526,102	19,626	19,161
33	19	98 174	22 969,919	447 500,817	19,482	19,016
34	20	98 085	21 960,937	424 530,898	19,331	18,866
35	21	97 988	20 994,439	402 569,961	19,175	18,709
36	22	97 885	20 069,214	381 575,522	19,013	18,547
37	23	97 781	19 184,629	361 506,308	18,844	18,378
38	24	97 669	18 337,315	342 321,679	18,668	18,202
39	25	97 550	17 526,281	323 984,364	18,486	18,020
40	26	97 425	16 750,133	306 458,083	18,296	17,830
41	27	97 284	16 005,577	289 707,950	18,100	17,635
42	28	97 133	15 292,714	273 702,373	17,898	17,432
43	29	96 965	14 608,726	258 409,659	17,689	17,223
44	30	96 781	13 953,137	243 800,933	17,473	17,007
45	31	96 578	13 324,352	229 847,796	17,250	16,785
46	32	96 350	12 720,448	216 523,444	17,022	16,556
47	33	96 106	12 141,868	203 802,996	16,785	16,320
48	34	95 833	11 586,004	191 661,128	16,542	16,077
49	35	95 529	11 051,886	180 075,124	16,294	15,828
50	36	95 190	10 538,443	169 023,238	16,039	15,573
51	37	94 811	10 044,447	158 484,795	15,778	15,313
52	38	94 401	9 570,393	148 440,348	15,510	15,045
53	39	93 928	9 112,403	138 869,954	15,240	14,774
54	40	93 404	8 671,354	129 757,552	14,964	14,498
55	41	92 821	8 246,092	121 086,198	14,684	14,218
56	42	92 179	7 836,498	112 840,106	14,399	13,934
57	43	91 474	7 441,639	105 003,609	14,110	13,645
58	44	90 702	7 061,129	97 561,969	13,817	13,351
59	45	89 845	6 693,194	90 500,840	13,521	13,056
60	46	88 915	6 338,666	83 807,646	13,222	12,756
61	47	87 910	5 997,178	77 468,981	12,918	12,452
62	48	86 820	5 667,729	71 471,802	12,610	12,145
63	49	85 630	5 349,323	65 804,073	12,301	11,836
64	50	84 358	5 042,923	60 454,750	11,988	11,522
65	51	82 990	4 747,493	55 411,827	11,672	11,206
66	52	81 534	4 463,362	50 664,334	11,351	10,886
67	53	80 004	4 191,029	46 200,972	11,024	10,558
68	54	78 353	3 927,785	42 009,943	10,696	10,230
69	55	76 656	3 677,246	38 082,159	10,356	9,891
70	56	74 826	3 434,865	34 404,913	10,016	9,551
71	57	72 884	3 201,682	30 970,048	9,673	9,207
72	58	70 823	2 977,147	27 768,366	9,327	8,862
73	59	68 667	2 762,211	24 791,219	8,975	8,510
74	60	66 401	2 556,064	22 029,007	8,618	8,153
75	61	64 001	2 357,588	19 472,943	8,260	7,794
76	62	61 477	2 167,092	17 115,356	7,898	7,432
77	63	58 804	1 983,584	14 948,263	7,536	7,070
78	64	56 007	1 807,875	12 964,679	7,171	6,706
79	65	53 027	1 637,999	11 156,804	6,811	6,346
80	66	49 853	1 473,618	9 518,805	6,459	5,994
81	67	46 522	1 315,950	8 045,187	6,114	5,648
82	68	43 006	1 164,102	6 729,238	5,781	5,315
83	69	39 384	1 020,151	5 565,136	5,455	4,990
84	70	35 641	883,454	4 544,984	5,145	4,679
85	71	31 851	755,505	3 661,530	4,846	4,381
86	72	28 046	636,602	2 906,025	4,565	4,099
87	73	24 324	528,349	2 269,423	4,295	3,830
88	74	20 763	431,571	1 741,075	4,034	3,569
89	75	17 397	346,034	1 309,504	3,784	3,319
90	76	14 293	272,054	963,470	3,541	3,076
91	77	11 471	208,932	691,416	3,309	2,844
92	78	8 925	155,568	482,484	3,101	2,636
93	79	6 729	112,242	326,916	2,913	2,447
94	80	4 921	78,545	214,674	2,733	2,268
95	81	3 438	52,508	136,129	2,593	2,127
96	82	2 347	34,299	83,621	2,438	1,972
97	83	1 532	21,426	49,322	2,302	1,836
98	84	955	12,784	27,896	2,182	1,716
99	85	569	7,285	15,112	2,074	1,609
100	86	323	3,958	7,826	1,977	1,512

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	51 407,589	1 097 127,997	21,342	20,876
16	1	99 168	49 035,771	1 045 720,408	21,326	20,860
17	2	99 120	46 901,257	996 684,637	21,251	20,785
18	3	99 079	44 863,083	949 783,380	21,171	20,705
19	4	99 029	42 909,610	904 920,297	21,089	20,623
20	5	98 979	41 040,950	862 010,687	21,004	20,538
21	6	98 927	39 252,990	820 969,737	20,915	20,449
22	7	98 876	37 543,400	781 716,747	20,822	20,356
23	8	98 827	35 908,725	744 173,347	20,724	20,258
24	9	98 775	34 344,510	708 264,623	20,622	20,157
25	10	98 721	32 847,547	673 920,113	20,517	20,051
26	11	98 668	31 416,074	641 072,566	20,406	19,940
27	12	98 614	30 046,746	609 656,492	20,290	19,825
28	13	98 554	28 735,421	579 609,746	20,171	19,705
29	14	98 495	27 481,490	550 874,325	20,045	19,580
30	15	98 428	26 280,261	523 392,835	19,916	19,450
31	16	98 359	25 130,942	497 112,574	19,781	19,315
32	17	98 277	24 028,803	471 981,632	19,642	19,177
33	18	98 194	22 974,598	447 952,829	19,498	19,032
34	19	98 104	21 965,176	424 978,231	19,348	18,882
35	20	98 006	20 998,327	403 013,054	19,193	18,727
36	21	97 901	20 072,537	382 014,727	19,032	18,566
37	22	97 798	19 187,949	361 942,190	18,863	18,397
38	23	97 690	18 341,295	342 754,241	18,688	18,222
39	24	97 566	17 529,254	324 412,946	18,507	18,041
40	25	97 443	16 753,257	306 883,692	18,318	17,852
41	26	97 302	16 008,692	290 130,435	18,123	17,658
42	27	97 155	15 296,055	274 121,743	17,921	17,455
43	28	96 989	14 612,371	258 825,688	17,713	17,247
44	29	96 806	13 956,749	244 213,318	17,498	17,032
45	30	96 607	13 328,309	230 256,569	17,276	16,810
46	31	96 381	12 724,510	216 928,260	17,048	16,582
47	32	96 140	12 146,083	204 203,750	16,812	16,347
48	33	95 867	11 590,131	192 057,667	16,571	16,105
49	34	95 566	11 056,210	180 467,536	16,323	15,857
50	35	95 228	10 542,686	169 411,326	16,069	15,603
51	36	94 855	10 049,159	158 868,640	15,809	15,344
52	37	94 445	9 574,800	148 819,481	15,543	15,077
53	38	93 983	9 117,743	139 244,681	15,272	14,806
54	39	93 460	8 676,522	130 126,938	14,998	14,532
55	40	92 884	8 251,692	121 450,416	14,718	14,253
56	41	92 250	7 842,480	113 198,724	14,434	13,968
57	42	91 550	7 447,819	105 356,244	14,146	13,680
58	43	90 784	7 067,489	97 908,424	13,853	13,388
59	44	89 937	6 700,028	90 840,935	13,558	13,093
60	45	89 014	6 345,722	84 140,907	13,259	12,794
61	46	88 022	6 004,803	77 795,185	12,955	12,490
62	47	86 945	5 675,866	71 790,382	12,648	12,183
63	48	85 767	5 357,893	66 114,516	12,340	11,874
64	49	84 511	5 052,075	60 756,623	12,026	11,560
65	50	83 153	4 756,867	55 704,548	11,710	11,245
66	51	81 714	4 473,242	50 947,681	11,389	10,924
67	52	80 201	4 201,345	46 474,439	11,062	10,596
68	53	78 568	3 938,549	42 273,094	10,733	10,268
69	54	76 888	3 688,347	38 334,545	10,393	9,928
70	55	75 074	3 446,284	34 646,198	10,053	9,588
71	56	73 149	3 213,310	31 199,915	9,710	9,244
72	57	71 107	2 989,080	27 986,604	9,363	8,897
73	58	68 971	2 774,448	24 997,524	9,010	8,544
74	59	66 724	2 568,470	22 223,076	8,652	8,187
75	60	64 348	2 370,366	19 654,606	8,292	7,826
76	61	61 823	2 179,286	17 284,240	7,931	7,466
77	62	59 163	1 995,711	15 104,954	7,569	7,103
78	63	56 378	1 819,858	13 109,243	7,203	6,738
79	64	53 417	1 650,023	11 289,385	6,842	6,376
80	65	50 255	1 485,520	9 639,362	6,489	6,023
81	66	46 932	1 327,546	8 153,841	6,142	5,676
82	67	43 427	1 175,498	6 826,295	5,807	5,342
83	68	39 790	1 030,680	5 650,797	5,483	5,017
84	69	36 044	893,436	4 620,118	5,171	4,706
85	70	32 244	764,824	3 726,682	4,873	4,407
86	71	28 427	645,242	2 961,858	4,590	4,125
87	72	24 680	536,073	2 316,617	4,321	3,856
88	73	21 089	438,358	1 780,544	4,062	3,596
89	74	17 700	352,057	1 342,186	3,812	3,347
90	75	14 571	277,342	990,129	3,570	3,104
91	76	11 727	213,594	712,787	3,337	2,872
92	77	9 149	159,467	499,193	3,130	2,665
93	78	6 924	115,488	339,726	2,942	2,476
94	79	5 088	81,219	224,238	2,761	2,295
95	80	3 575	54,606	143,019	2,619	2,154
96	81	2 455	35,880	88,414	2,464	1,999
97	82	1 613	22,562	52,534	2,328	1,863
98	83	1 014	13,573	29,972	2,208	1,743
99	84	610	7,810	16,400	2,100	1,634
100	85	350	4,289	8,589	2,002	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	49 186,471	1 046 340,628	21,273	20,807
17	1	99 143	46 912,097	997 154,157	21,256	20,790
18	2	99 091	44 868,426	950 242,060	21,178	20,713
19	3	99 041	42 914,723	905 373,634	21,097	20,631
20	4	98 988	41 044,682	862 458,912	21,013	20,547
21	5	98 934	39 255,934	821 414,230	20,925	20,459
22	6	98 883	37 545,872	782 158,296	20,832	20,366
23	7	98 832	35 910,495	744 612,425	20,735	20,270
24	8	98 781	34 346,636	708 701,930	20,634	20,168
25	9	98 728	32 849,673	674 355,293	20,529	20,063
26	10	98 674	31 417,936	641 505,621	20,418	19,953
27	11	98 621	30 048,984	610 087,685	20,303	19,837
28	12	98 562	28 737,694	580 038,701	20,184	19,718
29	13	98 503	27 483,846	551 301,007	20,059	19,593
30	14	98 438	26 283,019	523 817,160	19,930	19,464
31	15	98 371	25 134,086	497 534,142	19,795	19,330
32	16	98 291	24 032,194	472 400,056	19,657	19,191
33	17	98 209	22 977,962	448 367,861	19,513	19,047
34	18	98 124	21 969,650	425 389,899	19,363	18,897
35	19	98 025	21 002,381	403 420,248	19,208	18,743
36	20	97 919	20 076,255	382 417,867	19,048	18,583
37	21	97 814	19 191,126	362 341,613	18,881	18,415
38	22	97 707	18 344,469	343 150,486	18,706	18,240
39	23	97 587	17 533,058	324 806,017	18,525	18,060
40	24	97 460	16 756,098	307 272,959	18,338	17,872
41	25	97 321	16 011,677	290 516,860	18,144	17,678
42	26	97 174	15 299,032	274 505,183	17,943	17,477
43	27	97 010	14 615,563	259 206,151	17,735	17,269
44	28	96 830	13 960,230	244 590,588	17,521	17,055
45	29	96 632	13 331,759	230 630,358	17,299	16,834
46	30	96 409	12 728,289	217 298,599	17,072	16,606
47	31	96 170	12 149,961	204 570,309	16,837	16,372
48	32	95 901	11 594,154	192 420,348	16,596	16,131
49	33	95 600	11 060,148	180 826,193	16,349	15,884
50	34	95 266	10 546,811	169 766,046	16,096	15,631
51	35	94 893	10 053,205	159 219,235	15,838	15,372
52	36	94 489	9 579,291	149 166,030	15,572	15,106
53	37	94 027	9 121,941	139 586,738	15,302	14,837
54	38	93 515	8 681,607	130 464,797	15,028	14,562
55	39	92 939	8 256,610	121 783,191	14,750	14,284
56	40	92 313	7 847,807	113 526,580	14,466	14,000
57	41	91 620	7 453,505	105 678,773	14,178	13,713
58	42	90 860	7 073,359	98 225,268	13,887	13,421
59	43	90 018	6 706,063	91 151,909	13,592	13,127
60	44	89 105	6 352,201	84 445,846	13,294	12,828
61	45	88 120	6 011,487	78 093,644	12,991	12,525
62	46	87 055	5 683,082	72 082,157	12,684	12,218
63	47	85 890	5 365,585	66 399,075	12,375	11,909
64	48	84 646	5 060,169	61 033,490	12,062	11,596
65	49	83 304	4 765,499	55 973,321	11,746	11,280
66	50	81 876	4 482,075	51 207,822	11,425	10,959
67	51	80 379	4 210,645	46 725,747	11,097	10,631
68	52	78 761	3 948,243	42 515,102	10,768	10,302
69	53	77 098	3 698,455	38 566,859	10,428	9,962
70	54	75 301	3 456,687	34 868,403	10,087	9,622
71	55	73 392	3 223,992	31 411,716	9,743	9,277
72	56	71 365	2 999,937	28 187,724	9,396	8,930
73	57	69 247	2 785,569	25 187,787	9,042	8,577
74	58	67 019	2 579,848	22 402,218	8,684	8,218
75	59	64 661	2 381,871	19 822,369	8,322	7,857
76	60	62 158	2 191,098	17 440,499	7,960	7,494
77	61	59 496	2 006,940	15 249,401	7,598	7,133
78	62	56 722	1 830,984	13 242,461	7,232	6,767
79	63	53 771	1 660,960	11 411,477	6,870	6,405
80	64	50 624	1 496,425	9 750,517	6,516	6,050
81	65	47 311	1 338,269	8 254,092	6,168	5,702
82	66	43 809	1 185,857	6 915,823	5,832	5,366
83	67	40 180	1 040,769	5 729,966	5,506	5,040
84	68	36 416	902,656	4 689,197	5,195	4,729
85	69	32 608	773,465	3 786,541	4,896	4,430
86	70	28 777	653,200	3 013,076	4,613	4,147
87	71	25 015	543,349	2 359,876	4,343	3,878
88	72	21 398	444,767	1 816,527	4,084	3,619
89	73	17 978	357,593	1 371,761	3,836	3,370
90	74	14 824	282,170	1 014,167	3,594	3,129
91	75	11 955	217,746	731,997	3,362	2,896
92	76	9 353	163,025	514,252	3,154	2,689
93	77	7 097	118,382	351,227	2,967	2,501
94	78	5 236	83,567	232,844	2,786	2,321
95	79	3 697	56,465	149,277	2,644	2,178
96	80	2 553	37,313	92,812	2,487	2,022
97	81	1 687	23,601	55,499	2,352	1,886
98	82	1 068	14,292	31,898	2,232	1,766
99	83	647	8,292	17,606	2,123	1,658
100	84	375	4,599	9,314	2,025	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	47 056,270	997 728,455	21,203	20,737
18	1	99 114	44 878,796	950 672,184	21,183	20,717
19	2	99 053	42 919,833	905 793,389	21,104	20,639
20	3	99 000	41 049,572	862 873,555	21,020	20,555
21	4	98 943	39 259,504	821 823,983	20,933	20,468
22	5	98 890	37 548,687	782 564,479	20,841	20,376
23	6	98 838	35 912,859	745 015,792	20,745	20,279
24	7	98 786	34 348,330	709 102,933	20,644	20,179
25	8	98 734	32 851,706	674 754,603	20,539	20,074
26	9	98 680	31 419,969	641 902,896	20,430	19,964
27	10	98 627	30 050,765	610 482,928	20,315	19,849
28	11	98 569	28 739,835	580 432,163	20,196	19,730
29	12	98 511	27 486,021	551 692,328	20,072	19,606
30	13	98 447	26 285,272	524 206,307	19,943	19,477
31	14	98 382	25 136,724	497 921,036	19,809	19,343
32	15	98 304	24 035,201	472 784,312	19,670	19,205
33	16	98 222	22 981,205	448 749,110	19,527	19,061
34	17	98 139	21 972,867	425 767,905	19,377	18,911
35	18	98 045	21 006,659	403 795,038	19,222	18,757
36	19	97 938	20 080,131	382 788,379	19,063	18,597
37	20	97 833	19 194,681	362 708,248	18,896	18,431
38	21	97 723	18 347,507	343 513,567	18,723	18,257
39	22	97 604	17 536,093	325 166,061	18,543	18,077
40	23	97 481	16 759,735	307 629,968	18,355	17,890
41	24	97 337	16 014,393	290 870,233	18,163	17,697
42	25	97 192	15 301,885	274 855,840	17,962	17,497
43	26	97 029	14 618,407	259 553,955	17,755	17,290
44	27	96 851	13 963,280	244 935,548	17,541	17,076
45	28	96 656	13 335,085	230 972,267	17,321	16,855
46	29	96 434	12 731,584	217 637,182	17,094	16,629
47	30	96 199	12 153,570	204 905,598	16,860	16,394
48	31	95 931	11 597,856	192 752,028	16,620	16,154
49	32	95 633	11 063,988	181 154,172	16,373	15,908
50	33	95 299	10 550,567	170 090,184	16,121	15,656
51	34	94 930	10 057,139	159 539,617	15,863	15,398
52	35	94 527	9 583,148	149 482,478	15,598	15,133
53	36	94 071	9 126,220	139 899,330	15,329	14,864
54	37	93 558	8 685,604	130 773,110	15,056	14,591
55	38	92 993	8 261,449	122 087,506	14,778	14,312
56	39	92 368	7 852,485	113 826,057	14,496	14,030
57	40	91 682	7 458,568	105 973,573	14,208	13,743
58	41	90 929	7 078,759	98 515,005	13,917	13,451
59	42	90 093	6 711,633	91 436,246	13,624	13,158
60	43	89 185	6 357,923	84 724,613	13,326	12,860
61	44	88 210	6 017,625	78 366,690	13,023	12,557
62	45	87 152	5 689,408	72 349,065	12,716	12,251
63	46	85 999	5 372,407	66 659,656	12,408	11,942
64	47	84 768	5 067,433	61 287,250	12,094	11,629
65	48	83 438	4 773,134	56 219,817	11,778	11,313
66	49	82 024	4 490,209	51 446,682	11,458	10,992
67	50	80 537	4 218,959	46 956,474	11,130	10,664
68	51	78 935	3 956,983	42 737,515	10,801	10,335
69	52	77 288	3 707,558	38 780,531	10,460	9,994
70	53	75 507	3 466,161	35 072,973	10,119	9,653
71	54	73 614	3 233,725	31 606,812	9,774	9,309
72	55	71 602	3 009,910	28 373,087	9,427	8,961
73	56	69 499	2 795,686	25 363,177	9,072	8,607
74	57	67 288	2 590,189	22 567,491	8,713	8,247
75	58	64 947	2 392,423	19 977,302	8,350	7,885
76	59	62 460	2 201,732	17 584,879	7,987	7,521
77	60	59 819	2 017,818	15 383,147	7,624	7,158
78	61	57 042	1 841,286	13 365,329	7,259	6,793
79	62	54 099	1 671,115	11 524,042	6,896	6,430
80	63	50 960	1 506,344	9 852,928	6,541	6,075
81	64	47 658	1 348,093	8 346,584	6,191	5,726
82	65	44 163	1 195,435	6 998,491	5,854	5,389
83	66	40 534	1 049,941	5 803,057	5,527	5,061
84	67	36 772	911,493	4 753,116	5,215	4,749
85	68	32 945	781,447	3 841,623	4,916	4,450
86	69	29 102	660,580	3 060,176	4,633	4,167
87	70	25 323	550,050	2 399,596	4,363	3,897
88	71	21 688	450,803	1 849,546	4,103	3,637
89	72	18 241	362,821	1 398,743	3,855	3,390
90	73	15 058	286,607	1 035,921	3,614	3,149
91	74	12 163	221,536	749,314	3,382	2,917
92	75	9 535	166,194	527,778	3,176	2,710
93	76	7 256	121,024	361,584	2,988	2,522
94	77	5 367	85,662	240,560	2,808	2,343
95	78	3 804	58,097	154,899	2,666	2,201
96	79	2 640	38,583	96,801	2,509	2,043
97	80	1 755	24,544	58,218	2,372	1,906
98	81	1 117	14,951	33,674	2,252	1,787
99	82	682	8,731	18,723	2,144	1,679
100	83	398	4,882	9,992	2,047	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	45 016,721	951 204,106	21,130	20,664
19	1	99 076	42 929,753	906 187,386	21,109	20,643
20	2	99 012	41 054,461	863 257,633	21,027	20,562
21	3	98 955	39 264,182	822 203,172	20,940	20,475
22	4	98 899	37 552,102	782 938,990	20,849	20,384
23	5	98 846	35 915,553	745 386,888	20,754	20,288
24	6	98 793	34 350,591	709 471,336	20,654	20,188
25	7	98 739	32 853,326	675 120,745	20,550	20,084
26	8	98 686	31 421,914	642 267,419	20,440	19,974
27	9	98 633	30 052,709	610 845,505	20,326	19,860
28	10	98 575	28 741,538	580 792,795	20,207	19,742
29	11	98 518	27 488,068	552 051,258	20,083	19,618
30	12	98 454	26 287,352	524 563,189	19,955	19,489
31	13	98 390	25 138,879	498 275,838	19,821	19,355
32	14	98 314	24 037,724	473 136,959	19,683	19,217
33	15	98 235	22 984,080	449 099,235	19,540	19,074
34	16	98 153	21 975,968	426 115,155	19,390	18,924
35	17	98 060	21 009,735	404 139,186	19,236	18,770
36	18	97 958	20 084,221	383 129,451	19,076	18,611
37	19	97 851	19 198,386	363 045,231	18,910	18,445
38	20	97 741	18 350,905	343 846,844	18,737	18,272
39	21	97 620	17 538,996	325 495,939	18,558	18,093
40	22	97 498	16 762,636	307 956,943	18,372	17,906
41	23	97 358	16 017,869	291 194,307	18,179	17,714
42	24	97 208	15 304,480	275 176,439	17,980	17,515
43	25	97 047	14 621,134	259 871,959	17,774	17,308
44	26	96 870	13 965,998	245 250,825	17,561	17,095
45	27	96 677	13 337,998	231 284,827	17,340	16,875
46	28	96 458	12 734,760	217 946,829	17,114	16,649
47	29	96 224	12 156,716	205 212,069	16,881	16,415
48	30	95 960	11 601,301	193 055,353	16,641	16,175
49	31	95 664	11 067,520	181 454,051	16,395	15,930
50	32	95 333	10 554,230	170 386,531	16,144	15,678
51	33	94 964	10 060,721	159 832,301	15,887	15,421
52	34	94 564	9 586,898	149 771,580	15,623	15,157
53	35	94 109	9 129,894	140 184,682	15,354	14,889
54	36	93 602	8 689,678	131 054,788	15,082	14,616
55	37	93 036	8 265,253	122 365,110	14,805	14,339
56	38	92 422	7 857,086	114 099,857	14,522	14,056
57	39	91 737	7 463,013	106 242,771	14,236	13,770
58	40	90 991	7 083,567	98 779,758	13,945	13,479
59	41	90 161	6 716,757	91 696,191	13,652	13,186
60	42	89 259	6 363,203	84 979,434	13,355	12,889
61	43	88 290	6 023,046	78 616,231	13,053	12,587
62	44	87 241	5 695,218	72 593,185	12,746	12,281
63	45	86 095	5 378,387	66 897,968	12,438	11,973
64	46	84 876	5 073,876	61 519,580	12,125	11,659
65	47	83 558	4 779,987	56 445,705	11,809	11,343
66	48	82 156	4 497,403	51 665,718	11,488	11,022
67	49	80 683	4 226,615	47 168,316	11,160	10,694
68	50	79 091	3 964,797	42 941,700	10,831	10,365
69	51	77 459	3 715,766	38 976,903	10,490	10,024
70	52	75 693	3 474,692	35 261,138	10,148	9,682
71	53	73 816	3 242,587	31 786,446	9,803	9,337
72	54	71 818	3 018,996	28 543,858	9,455	8,989
73	55	69 730	2 804,980	25 524,862	9,100	8,634
74	56	67 532	2 599,597	22 719,882	8,740	8,274
75	57	65 207	2 402,012	20 120,285	8,376	7,911
76	58	62 737	2 211,486	17 718,273	8,012	7,546
77	59	60 109	2 027,612	15 506,787	7,648	7,182
78	60	57 351	1 851,266	13 479,175	7,281	6,815
79	61	54 404	1 680,517	11 627,909	6,919	6,454
80	62	51 271	1 515,553	9 947,391	6,564	6,098
81	63	47 974	1 357,028	8 431,838	6,213	5,748
82	64	44 488	1 204,210	7 074,810	5,875	5,409
83	65	40 861	1 058,421	5 870,600	5,547	5,081
84	66	37 096	919,525	4 812,179	5,233	4,768
85	67	33 267	789,097	3 892,654	4,933	4,467
86	68	29 403	667,398	3 103,557	4,650	4,185
87	69	25 609	556,265	2 436,160	4,379	3,914
88	70	21 956	456,363	1 879,895	4,119	3,654
89	71	18 488	367,746	1 423,532	3,871	3,405
90	72	15 278	290,797	1 055,786	3,631	3,165
91	73	12 354	225,020	764,989	3,400	2,934
92	74	9 701	169,087	539,969	3,193	2,728
93	75	7 397	123,376	370,882	3,006	2,540
94	76	5 487	87,573	247,506	2,826	2,361
95	77	3 899	59,553	159,932	2,686	2,220
96	78	2 716	39,699	100,379	2,529	2,063
97	79	1 815	25,380	60,680	2,391	1,925
98	80	1 162	15,548	35,300	2,270	1,805
99	81	713	9,134	19,752	2,163	1,697
100	82	419	5,141	10,618	2,065	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	43 061,688	906 680,180	21,055	20,590
20	1	99 035	41 063,949	863 618,492	21,031	20,565
21	2	98 967	39 268,858	822 554,543	20,947	20,481
22	3	98 911	37 556,577	783 285,685	20,856	20,391
23	4	98 855	35 918,819	745 729,109	20,762	20,296
24	5	98 800	34 353,167	709 810,290	20,662	20,197
25	6	98 745	32 855,489	675 457,123	20,558	20,093
26	7	98 691	31 423,463	642 601,634	20,450	19,984
27	8	98 639	30 054,570	611 178,171	20,336	19,870
28	9	98 581	28 743,398	581 123,601	20,218	19,752
29	10	98 524	27 489,697	552 380,203	20,094	19,628
30	11	98 462	26 289,310	524 890,506	19,966	19,500
31	12	98 398	25 140,868	498 601,196	19,832	19,367
32	13	98 322	24 039,784	473 460,329	19,695	19,229
33	14	98 245	22 986,493	449 420,544	19,552	19,086
34	15	98 165	21 978,718	426 434,052	19,402	18,937
35	16	98 074	21 012,700	404 455,334	19,248	18,783
36	17	97 973	20 087,162	383 442,633	19,089	18,623
37	18	97 871	19 202,297	363 355,472	18,923	18,457
38	19	97 760	18 354,448	344 153,175	18,750	18,285
39	20	97 638	17 542,245	325 798,727	18,572	18,107
40	21	97 514	16 765,411	308 256,482	18,386	17,921
41	22	97 375	16 020,641	291 491,071	18,195	17,729
42	23	97 229	15 307,802	275 470,430	17,995	17,530
43	24	97 063	14 623,613	260 162,629	17,791	17,325
44	25	96 888	13 968,602	245 539,015	17,578	17,112
45	26	96 696	13 340,594	231 570,413	17,358	16,893
46	27	96 479	12 737,542	218 229,819	17,133	16,667
47	28	96 248	12 159,749	205 492,277	16,899	16,434
48	29	95 984	11 604,304	193 332,528	16,660	16,195
49	30	95 692	11 070,808	181 728,224	16,415	15,949
50	31	95 363	10 557,600	170 657,416	16,164	15,699
51	32	94 997	10 064,214	160 099,816	15,908	15,442
52	33	94 598	9 590,312	150 035,603	15,644	15,179
53	34	94 145	9 133,467	140 445,290	15,377	14,911
54	35	93 639	8 693,177	131 311,823	15,105	14,640
55	36	93 080	8 269,130	122 618,646	14,828	14,363
56	37	92 464	7 860,704	114 349,517	14,547	14,081
57	38	91 790	7 467,387	106 488,813	14,261	13,795
58	39	91 045	7 087,789	99 021,426	13,971	13,505
59	40	90 223	6 721,319	91 933,638	13,678	13,212
60	41	89 327	6 368,061	85 212,319	13,381	12,916
61	42	88 363	6 028,048	78 844,258	13,080	12,614
62	43	87 320	5 700,348	72 816,210	12,774	12,308
63	44	86 183	5 383,879	67 115,862	12,466	12,000
64	45	84 970	5 079,524	61 731,983	12,153	11,687
65	46	83 664	4 786,064	56 652,460	11,837	11,371
66	47	82 274	4 503,859	51 866,396	11,516	11,050
67	48	80 813	4 233,387	47 362,537	11,188	10,722
68	49	79 235	3 971,992	43 129,150	10,858	10,393
69	50	77 612	3 723,103	39 157,158	10,517	10,052
70	51	75 861	3 482,384	35 434,055	10,175	9,710
71	52	73 997	3 250,568	31 951,671	9,830	9,364
72	53	72 015	3 027,270	28 701,103	9,481	9,015
73	54	69 940	2 813,448	25 673,833	9,125	8,660
74	55	67 757	2 608,239	22 860,385	8,765	8,299
75	56	65 444	2 410,736	20 252,146	8,401	7,935
76	57	62 988	2 220,350	17 841,410	8,035	7,570
77	58	60 375	2 036,594	15 621,060	7,670	7,205
78	59	57 629	1 860,251	13 584,465	7,302	6,837
79	60	54 699	1 689,626	11 724,214	6,939	6,473
80	61	51 560	1 524,080	10 034,588	6,584	6,118
81	62	48 268	1 365,324	8 510,507	6,233	5,768
82	63	44 782	1 212,192	7 145,183	5,894	5,429
83	64	41 161	1 066,191	5 932,991	5,565	5,099
84	65	37 396	926,952	4 866,800	5,250	4,785
85	66	33 560	796,051	3 939,848	4,949	4,484
86	67	29 690	673,931	3 143,798	4,665	4,199
87	68	25 874	562,006	2 469,867	4,395	3,929
88	69	22 204	461,519	1 907,861	4,134	3,668
89	70	18 716	372,281	1 446,342	3,885	3,419
90	71	15 485	294,744	1 074,060	3,644	3,178
91	72	12 534	228,309	779,316	3,413	2,948
92	73	9 853	171,746	551,007	3,208	2,743
93	74	7 526	125,524	379,261	3,021	2,556
94	75	5 593	89,276	253,737	2,842	2,377
95	76	3 986	60,882	164,461	2,701	2,236
96	77	2 784	40,694	103,579	2,545	2,080
97	78	1 867	26,114	62,885	2,408	1,943
98	79	1 201	16,077	36,772	2,287	1,822
99	80	742	9,499	20,694	2,179	1,713
100	81	439	5,378	11,196	2,082	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	41 190,150	864 075,150	20,978	20,512
21	1	98 990	39 277,933	822 884,999	20,950	20,485
22	2	98 923	37 561,049	783 607,066	20,862	20,397
23	3	98 866	35 923,098	746 046,017	20,768	20,302
24	4	98 809	34 356,291	710 122,919	20,669	20,204
25	5	98 752	32 857,953	675 766,627	20,566	20,101
26	6	98 698	31 425,532	642 908,675	20,458	19,993
27	7	98 644	30 056,052	611 483,143	20,345	19,879
28	8	98 587	28 745,177	581 427,091	20,227	19,761
29	9	98 530	27 491,476	552 681,914	20,104	19,638
30	10	98 468	26 290,867	525 190,438	19,976	19,511
31	11	98 405	25 142,741	498 899,570	19,843	19,377
32	12	98 330	24 041,687	473 756,829	19,706	19,240
33	13	98 253	22 988,463	449 715,143	19,563	19,097
34	14	98 175	21 981,025	426 726,680	19,413	18,948
35	15	98 086	21 015,329	404 745,655	19,260	18,794
36	16	97 987	20 089,996	383 730,326	19,101	18,635
37	17	97 886	19 205,109	363 640,330	18,935	18,469
38	18	97 780	18 358,186	344 435,221	18,762	18,296
39	19	97 657	17 545,631	326 077,035	18,585	18,119
40	20	97 532	16 768,516	308 531,403	18,399	17,934
41	21	97 391	16 023,294	291 762,887	18,209	17,743
42	22	97 246	15 310,451	275 739,593	18,010	17,544
43	23	97 084	14 626,787	260 429,142	17,805	17,339
44	24	96 904	13 970,971	245 802,355	17,594	17,128
45	25	96 714	13 343,082	231 831,384	17,375	16,909
46	26	96 498	12 740,021	218 488,302	17,150	16,684
47	27	96 269	12 162,405	205 748,280	16,917	16,451
48	28	96 008	11 607,199	193 585,875	16,678	16,212
49	29	95 717	11 073,673	181 978,676	16,433	15,968
50	30	95 391	10 560,736	170 905,003	16,183	15,717
51	31	95 027	10 067,427	160 344,267	15,927	15,461
52	32	94 630	9 593,642	150 276,840	15,664	15,199
53	33	94 179	9 136,720	140 683,198	15,398	14,932
54	34	93 676	8 696,578	131 546,478	15,126	14,661
55	35	93 117	8 272,459	122 849,900	14,850	14,385
56	36	92 508	7 864,391	114 577,441	14,569	14,104
57	37	91 833	7 470,825	106 713,050	14,284	13,818
58	38	91 098	7 091,942	99 242,225	13,994	13,528
59	39	90 276	6 725,325	92 150,283	13,702	13,236
60	40	89 388	6 372,386	85 424,958	13,405	12,940
61	41	88 430	6 032,650	79 052,572	13,104	12,639
62	42	87 392	5 705,082	73 019,922	12,799	12,333
63	43	86 261	5 388,728	67 314,840	12,492	12,026
64	44	85 057	5 084,710	61 926,112	12,179	11,713
65	45	83 757	4 791,391	56 841,401	11,863	11,398
66	46	82 378	4 509,585	52 050,010	11,542	11,076
67	47	80 929	4 239,465	47 540,425	11,214	10,748
68	48	79 362	3 978,355	43 300,960	10,884	10,419
69	49	77 753	3 729,859	39 322,605	10,543	10,077
70	50	76 011	3 489,260	35 592,745	10,201	9,735
71	51	74 161	3 257,764	32 103,485	9,854	9,389
72	52	72 192	3 034,721	28 845,721	9,505	9,040
73	53	70 132	2 821,158	25 811,000	9,149	8,683
74	54	67 961	2 616,113	22 989,842	8,788	8,322
75	55	65 662	2 418,751	20 373,729	8,423	7,958
76	56	63 217	2 228,415	17 954,979	8,057	7,592
77	57	60 617	2 044,758	15 726,564	7,691	7,226
78	58	57 884	1 868,492	13 681,807	7,322	6,857
79	59	54 964	1 697,827	11 813,314	6,958	6,492
80	60	51 839	1 532,341	10 115,487	6,601	6,136
81	61	48 539	1 373,007	8 583,146	6,251	5,786
82	62	45 056	1 219,603	7 210,139	5,912	5,446
83	63	41 434	1 073,258	5 990,537	5,582	5,116
84	64	37 671	933,757	4 917,279	5,266	4,801
85	65	33 831	802,480	3 983,523	4,964	4,498
86	66	29 952	679,870	3 181,042	4,679	4,213
87	67	26 127	567,507	2 501,172	4,407	3,942
88	68	22 433	466,282	1 933,665	4,147	3,681
89	69	18 928	376,488	1 467,383	3,898	3,432
90	70	15 676	298,379	1 090,895	3,656	3,190
91	71	12 705	231,408	792,516	3,425	2,959
92	72	9 997	174,257	561,108	3,220	2,754
93	73	7 644	127,498	386,851	3,034	2,569
94	74	5 691	90,829	259,353	2,855	2,390
95	75	4 063	62,066	168,523	2,715	2,250
96	76	2 846	41,602	106,458	2,559	2,093
97	77	1 914	26,768	64,856	2,423	1,957
98	78	1 236	16,542	38,088	2,302	1,837
99	79	767	9,822	21,545	2,194	1,728
100	80	456	5,593	11,723	2,096	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	39 398,645	823 308,271	20,897	20,431
22	1	98 946	37 569,730	783 909,626	20,865	20,400
23	2	98 878	35 927,377	746 339,896	20,774	20,308
24	3	98 821	34 360,385	710 412,519	20,675	20,210
25	4	98 761	32 860,941	676 052,134	20,573	20,108
26	5	98 705	31 427,889	643 191,193	20,466	20,000
27	6	98 651	30 058,030	611 763,304	20,353	19,887
28	7	98 592	28 746,594	581 705,274	20,236	19,770
29	8	98 537	27 493,178	552 958,680	20,113	19,647
30	9	98 474	26 292,569	525 465,502	19,985	19,520
31	10	98 411	25 144,231	499 172,933	19,852	19,387
32	11	98 337	24 043,477	474 028,702	19,715	19,250
33	12	98 261	22 990,282	449 985,225	19,573	19,107
34	13	98 184	21 982,909	426 994,943	19,424	18,958
35	14	98 096	21 017,535	405 012,034	19,270	18,805
36	15	97 999	20 092,510	383 994,499	19,111	18,646
37	16	97 900	19 207,819	363 901,989	18,946	18,480
38	17	97 794	18 360,875	344 694,170	18,773	18,308
39	18	97 677	17 549,205	326 333,296	18,595	18,130
40	19	97 551	16 771,753	308 784,090	18,411	17,945
41	20	97 409	16 026,261	292 012,337	18,221	17,755
42	21	97 262	15 312,986	275 986,075	18,023	17,557
43	22	97 101	14 629,319	260 673,089	17,819	17,353
44	23	96 925	13 974,004	246 043,771	17,607	17,142
45	24	96 730	13 345,345	232 069,767	17,390	16,924
46	25	96 516	12 742,397	218 724,422	17,165	16,699
47	26	96 287	12 164,772	205 982,025	16,933	16,467
48	27	96 029	11 609,735	193 817,253	16,694	16,229
49	28	95 741	11 076,436	182 207,518	16,450	15,984
50	29	95 416	10 563,470	171 131,082	16,200	15,735
51	30	95 056	10 070,417	160 567,613	15,944	15,479
52	31	94 661	9 596,705	150 497,195	15,682	15,217
53	32	94 212	9 139,892	140 900,490	15,416	14,950
54	33	93 709	8 699,676	131 760,599	15,145	14,680
55	34	93 154	8 275,696	123 060,923	14,870	14,405
56	35	92 545	7 867,558	114 785,227	14,590	14,124
57	36	91 876	7 474,329	106 917,669	14,305	13,839
58	37	91 140	7 095,208	99 443,340	14,016	13,550
59	38	90 329	6 729,266	92 348,132	13,723	13,258
60	39	89 441	6 376,184	85 618,866	13,428	12,962
61	40	88 491	6 036,747	79 242,682	13,127	12,661
62	41	87 459	5 709,437	73 205,935	12,822	12,356
63	42	86 332	5 393,204	67 496,498	12,515	12,049
64	43	85 133	5 089,290	62 103,294	12,203	11,737
65	44	83 842	4 796,284	57 014,003	11,887	11,422
66	45	82 470	4 514,605	52 217,720	11,566	11,101
67	46	81 032	4 244,854	47 703,114	11,238	10,772
68	47	79 476	3 984,067	43 458,260	10,908	10,442
69	48	77 877	3 735,835	39 474,193	10,566	10,101
70	49	76 148	3 495,592	35 738,358	10,224	9,758
71	50	74 308	3 264,197	32 242,766	9,878	9,412
72	51	72 352	3 041,439	28 978,569	9,528	9,062
73	52	70 305	2 828,102	25 937,131	9,171	8,706
74	53	68 148	2 623,282	23 109,028	8,809	8,344
75	54	65 860	2 426,052	20 485,746	8,444	7,978
76	55	63 427	2 235,823	18 059,694	8,077	7,612
77	56	60 837	2 052,184	15 823,871	7,711	7,245
78	57	58 116	1 875,982	13 771,687	7,341	6,875
79	58	55 208	1 705,348	11 895,705	6,976	6,510
80	59	52 091	1 539,778	10 190,357	6,618	6,152
81	60	48 802	1 380,449	8 650,578	6,266	5,801
82	61	45 310	1 226,465	7 270,130	5,928	5,462
83	62	41 687	1 079,819	6 043,665	5,597	5,131
84	63	37 920	939,946	4 963,845	5,281	4,815
85	64	34 080	808,371	4 023,900	4,978	4,512
86	65	30 194	685,361	3 215,528	4,692	4,226
87	66	26 357	572,508	2 530,167	4,419	3,954
88	67	22 652	470,847	1 957,659	4,158	3,692
89	68	19 123	380,373	1 486,812	3,909	3,443
90	69	15 853	301,751	1 106,439	3,667	3,201
91	70	12 861	234,262	804,689	3,435	2,969
92	71	10 133	176,622	570,426	3,230	2,764
93	72	7 756	129,362	393,804	3,044	2,579
94	73	5 780	92,258	264,442	2,866	2,401
95	74	4 134	63,146	172,185	2,727	2,261
96	75	2 902	42,411	109,039	2,571	2,105
97	76	1 957	27,365	66,628	2,435	1,969
98	77	1 267	16,957	39,263	2,315	1,850
99	78	789	10,106	22,306	2,207	1,742
100	79	472	5,783	12,200	2,110	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	37 685,192	784 302,048	20,812	20,346
23	1	98 901	35 935,680	746 616,856	20,776	20,311
24	2	98 833	34 364,477	710 681,176	20,681	20,215
25	3	98 773	32 864,856	676 316,699	20,579	20,113
26	4	98 714	31 430,747	643 451,843	20,472	20,006
27	5	98 658	30 060,285	612 021,096	20,360	19,894
28	6	98 599	28 748,487	581 960,811	20,243	19,778
29	7	98 541	27 494,533	553 212,324	20,121	19,655
30	8	98 480	26 294,197	525 717,791	19,994	19,528
31	9	98 417	25 145,858	499 423,594	19,861	19,395
32	10	98 343	24 044,902	474 277,737	19,725	19,259
33	11	98 268	22 991,994	450 232,834	19,582	19,117
34	12	98 191	21 984,648	427 240,840	19,434	18,968
35	13	98 105	21 019,336	405 256,192	19,280	18,815
36	14	98 009	20 094,619	384 236,855	19,121	18,656
37	15	97 912	19 210,222	364 142,237	18,956	18,490
38	16	97 808	18 363,466	344 932,014	18,784	18,318
39	17	97 691	17 551,775	326 568,549	18,606	18,140
40	18	97 571	16 775,170	309 016,773	18,421	17,955
41	19	97 428	16 029,355	292 241,604	18,232	17,766
42	20	97 280	15 315,822	276 212,248	18,034	17,569
43	21	97 117	14 631,741	260 896,426	17,831	17,365
44	22	96 942	13 976,422	246 264,685	17,620	17,154
45	23	96 751	13 348,241	232 288,263	17,402	16,937
46	24	96 533	12 744,558	218 940,022	17,179	16,713
47	25	96 305	12 167,041	206 195,463	16,947	16,481
48	26	96 048	11 611,994	194 028,422	16,709	16,244
49	27	95 762	11 078,856	182 416,428	16,465	16,000
50	28	95 440	10 566,105	171 337,573	16,216	15,750
51	29	95 080	10 073,024	160 771,468	15,961	15,495
52	30	94 689	9 599,556	150 698,444	15,698	15,233
53	31	94 242	9 142,810	141 098,889	15,433	14,967
54	32	93 742	8 702,696	131 956,078	15,163	14,697
55	33	93 187	8 278,644	123 253,382	14,888	14,422
56	34	92 581	7 870,636	114 974,739	14,608	14,142
57	35	91 913	7 477,339	107 104,103	14,324	13,858
58	36	91 183	7 098,536	99 626,764	14,035	13,569
59	37	90 371	6 732,364	92 528,228	13,744	13,278
60	38	89 494	6 379,921	85 795,864	13,448	12,982
61	39	88 543	6 040,345	79 415,943	13,148	12,682
62	40	87 518	5 713,315	73 375,598	12,843	12,377
63	41	86 398	5 397,321	67 662,283	12,536	12,071
64	42	85 204	5 093,517	62 264,962	12,224	11,759
65	43	83 918	4 800,604	57 171,445	11,909	11,444
66	44	82 554	4 519,215	52 370,841	11,588	11,123
67	45	81 122	4 249,580	47 851,626	11,260	10,795
68	46	79 577	3 989,132	43 602,046	10,930	10,465
69	47	77 989	3 741,198	39 612,914	10,588	10,123
70	48	76 270	3 501,193	35 871,716	10,246	9,780
71	49	74 442	3 270,120	32 370,524	9,899	9,433
72	50	72 495	3 047,444	29 100,403	9,549	9,084
73	51	70 460	2 834,363	26 052,959	9,192	8,726
74	52	68 315	2 629,739	23 218,596	8,829	8,364
75	53	66 041	2 432,701	20 588,857	8,463	7,998
76	54	63 619	2 242,572	18 156,156	8,096	7,631
77	55	61 040	2 059,006	15 913,584	7,729	7,263
78	56	58 328	1 882,796	13 854,577	7,359	6,893
79	57	55 429	1 712,184	11 971,782	6,992	6,526
80	58	52 322	1 546,600	10 259,598	6,634	6,168
81	59	49 039	1 387,149	8 712,998	6,281	5,816
82	60	45 555	1 233,113	7 325,850	5,941	5,475
83	61	41 922	1 085,895	6 092,737	5,611	5,145
84	62	38 152	945,692	5 006,842	5,294	4,829
85	63	34 306	813,729	4 061,150	4,991	4,525
86	64	30 416	690,392	3 247,420	4,704	4,238
87	65	26 570	577,132	2 557,028	4,431	3,965
88	66	22 852	474,996	1 979,896	4,168	3,703
89	67	19 310	384,097	1 504,900	3,918	3,452
90	68	16 017	304,865	1 120,803	3,676	3,211
91	69	13 007	236,909	815,938	3,444	2,978
92	70	10 258	178,800	579,029	3,238	2,773
93	71	7 861	131,117	400,229	3,052	2,587
94	72	5 865	93,607	269,111	2,875	2,409
95	73	4 199	64,139	175,505	2,736	2,271
96	74	2 952	43,149	111,366	2,581	2,115
97	75	1 995	27,897	68,217	2,445	1,980
98	76	1 295	17,335	40,320	2,326	1,860
99	77	809	10,359	22,984	2,219	1,753
100	78	485	5,950	12,625	2,122	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	36 046,120	746 980,769	20,723	20,257
24	1	98 856	34 372,419	710 934,649	20,683	20,218
25	2	98 785	32 868,770	676 562,230	20,584	20,118
26	3	98 726	31 434,492	643 693,459	20,477	20,012
27	4	98 667	30 063,018	612 258,968	20,366	19,900
28	5	98 606	28 750,643	582 195,949	20,250	19,784
29	6	98 548	27 496,343	553 445,306	20,128	19,662
30	7	98 485	26 295,493	525 948,963	20,001	19,536
31	8	98 423	25 147,415	499 653,470	19,869	19,403
32	9	98 350	24 046,458	474 506,055	19,733	19,267
33	10	98 274	22 993,357	450 459,597	19,591	19,125
34	11	98 199	21 986,286	427 466,240	19,442	18,977
35	12	98 112	21 021,000	405 479,954	19,289	18,824
36	13	98 017	20 096,341	384 458,955	19,131	18,665
37	14	97 922	19 212,238	364 362,614	18,965	18,500
38	15	97 820	18 365,763	345 150,375	18,793	18,328
39	16	97 705	17 554,252	326 784,612	18,616	18,150
40	17	97 585	16 777,626	309 230,360	18,431	17,966
41	18	97 448	16 032,620	292 452,734	18,241	17,775
42	19	97 299	15 318,779	276 420,113	18,045	17,579
43	20	97 135	14 634,451	261 101,334	17,842	17,376
44	21	96 958	13 978,736	246 466,883	17,632	17,166
45	22	96 768	13 350,552	232 488,147	17,414	16,949
46	23	96 554	12 747,324	219 137,595	17,191	16,725
47	24	96 322	12 169,104	206 390,271	16,960	16,495
48	25	96 066	11 614,160	194 221,166	16,723	16,257
49	26	95 781	11 081,012	182 607,007	16,479	16,014
50	27	95 461	10 568,413	171 525,995	16,230	15,764
51	28	95 104	10 075,537	160 957,582	15,975	15,509
52	29	94 713	9 602,040	150 882,045	15,714	15,248
53	30	94 270	9 145,526	141 280,005	15,448	14,982
54	31	93 772	8 705,475	132 134,479	15,178	14,713
55	32	93 219	8 281,518	123 429,004	14,904	14,439
56	33	92 614	7 873,439	115 147,487	14,625	14,159
57	34	91 949	7 480,264	107 274,048	14,341	13,875
58	35	91 220	7 101,394	99 793,783	14,053	13,587
59	36	90 413	6 735,522	92 692,389	13,762	13,296
60	37	89 535	6 382,858	85 956,867	13,467	13,001
61	38	88 595	6 043,885	79 574,009	13,166	12,700
62	39	87 570	5 716,720	73 530,124	12,862	12,397
63	40	86 457	5 400,987	67 813,403	12,556	12,090
64	41	85 269	5 097,406	62 412,416	12,244	11,778
65	42	83 988	4 804,591	57 315,011	11,929	11,464
66	43	82 628	4 523,286	52 510,420	11,609	11,143
67	44	81 205	4 253,919	47 987,134	11,281	10,815
68	45	79 665	3 993,573	43 733,215	10,951	10,485
69	46	78 088	3 745,955	39 739,643	10,609	10,143
70	47	76 380	3 506,219	35 993,688	10,266	9,800
71	48	74 562	3 275,360	32 487,469	9,919	9,453
72	49	72 627	3 052,975	29 212,110	9,568	9,103
73	50	70 599	2 839,959	26 159,135	9,211	8,745
74	51	68 467	2 635,560	23 319,176	8,848	8,382
75	52	66 203	2 438,689	20 683,615	8,481	8,016
76	53	63 793	2 248,718	18 244,927	8,113	7,648
77	54	61 224	2 065,222	15 996,208	7,746	7,280
78	55	58 521	1 889,055	13 930,986	7,375	6,909
79	56	55 630	1 718,402	12 041,932	7,008	6,542
80	57	52 531	1 552,799	10 323,529	6,648	6,183
81	58	49 256	1 393,294	8 770,730	6,295	5,829
82	59	45 776	1 239,097	7 377,436	5,954	5,488
83	60	42 149	1 091,781	6 138,339	5,622	5,157
84	61	38 367	951,013	5 046,558	5,307	4,841
85	62	34 515	818,704	4 095,545	5,002	4,537
86	63	30 617	694,968	3 276,841	4,715	4,249
87	64	26 765	581,369	2 581,872	4,441	3,975
88	65	23 037	478,833	2 000,503	4,178	3,712
89	66	19 481	387,481	1 521,671	3,927	3,461
90	67	16 174	307,849	1 134,189	3,684	3,219
91	68	13 141	239,354	826,340	3,452	2,987
92	69	10 374	180,821	586,986	3,246	2,781
93	70	7 958	132,735	406,165	3,060	2,594
94	71	5 944	94,877	273,431	2,882	2,416
95	72	4 261	65,077	178,554	2,744	2,278
96	73	2 999	43,827	113,477	2,589	2,124
97	74	2 029	28,383	69,650	2,454	1,988
98	75	1 320	17,672	41,267	2,335	1,870
99	76	827	10,591	23,595	2,228	1,762
100	77	498	6,099	13,004	2,132	1,666

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	34 478,055	711 272,211	20,630	20,164
25	1	98 808	32 876,367	676 794,156	20,586	20,120
26	2	98 737	31 438,235	643 917,789	20,482	20,016
27	3	98 679	30 066,600	612 479,554	20,371	19,905
28	4	98 615	28 753,258	582 412,953	20,256	19,790
29	5	98 555	27 498,406	553 659,696	20,134	19,669
30	6	98 491	26 297,224	526 161,290	20,008	19,543
31	7	98 428	25 148,654	499 864,066	19,876	19,411
32	8	98 356	24 047,947	474 715,412	19,740	19,275
33	9	98 281	22 994,845	450 667,465	19,599	19,133
34	10	98 205	21 987,589	427 672,620	19,451	18,985
35	11	98 120	21 022,565	405 685,031	19,298	18,832
36	12	98 025	20 097,931	384 662,466	19,139	18,674
37	13	97 930	19 213,885	364 564,535	18,974	18,508
38	14	97 830	18 367,691	345 350,649	18,802	18,336
39	15	97 717	17 556,448	326 982,958	18,625	18,159
40	16	97 599	16 779,994	309 426,510	18,440	17,975
41	17	97 462	16 034,968	292 646,516	18,251	17,785
42	18	97 319	15 321,899	276 611,548	18,053	17,588
43	19	97 154	14 637,276	261 289,649	17,851	17,385
44	20	96 976	13 981,325	246 652,372	17,642	17,176
45	21	96 784	13 352,762	232 671,047	17,425	16,959
46	22	96 570	12 749,531	219 318,285	17,202	16,736
47	23	96 343	12 171,746	206 568,754	16,971	16,506
48	24	96 082	11 616,129	194 397,009	16,735	16,269
49	25	95 798	11 083,078	182 780,879	16,492	16,026
50	26	95 479	10 570,470	171 697,801	16,243	15,778
51	27	95 125	10 077,738	161 127,331	15,988	15,523
52	28	94 737	9 604,436	151 049,593	15,727	15,261
53	29	94 294	9 147,893	141 445,158	15,462	14,996
54	30	93 800	8 708,061	132 297,265	15,193	14,727
55	31	93 249	8 284,162	123 589,204	14,919	14,453
56	32	92 646	7 876,173	115 305,042	14,640	14,174
57	33	91 981	7 482,929	107 428,870	14,357	13,891
58	34	91 255	7 104,173	99 945,941	14,069	13,603
59	35	90 450	6 738,234	92 841,768	13,778	13,313
60	36	89 577	6 385,852	86 103,534	13,483	13,018
61	37	88 636	6 046,668	79 717,682	13,184	12,718
62	38	87 622	5 720,070	73 671,014	12,879	12,414
63	39	86 508	5 404,206	67 950,944	12,574	12,108
64	40	85 327	5 100,868	62 546,738	12,262	11,796
65	41	84 052	4 808,259	57 445,870	11,947	11,482
66	42	82 697	4 527,042	52 637,611	11,627	11,162
67	43	81 278	4 257,751	48 110,569	11,300	10,834
68	44	79 747	3 997,650	43 852,818	10,970	10,504
69	45	78 175	3 750,124	39 855,168	10,628	10,162
70	46	76 477	3 510,676	36 105,043	10,284	9,819
71	47	74 669	3 280,062	32 594,367	9,937	9,472
72	48	72 743	3 057,866	29 314,305	9,587	9,121
73	49	70 728	2 845,113	26 256,439	9,229	8,763
74	50	68 602	2 640,765	23 411,326	8,865	8,400
75	51	66 350	2 444,087	20 770,562	8,498	8,033
76	52	63 950	2 254,253	18 326,474	8,130	7,664
77	53	61 392	2 070,882	16 072,221	7,761	7,295
78	54	58 698	1 894,757	14 001,339	7,390	6,924
79	55	55 815	1 724,115	12 106,582	7,022	6,556
80	56	52 722	1 558,439	10 382,467	6,662	6,196
81	57	49 454	1 398,878	8 824,028	6,308	5,842
82	58	45 979	1 244,587	7 425,150	5,966	5,500
83	59	42 354	1 097,080	6 180,563	5,634	5,168
84	60	38 575	956,168	5 083,483	5,317	4,851
85	61	34 710	823,311	4 127,315	5,013	4,547
86	62	30 804	699,217	3 304,004	4,725	4,260
87	63	26 943	585,222	2 604,787	4,451	3,985
88	64	23 206	482,348	2 019,565	4,187	3,721
89	65	19 638	390,611	1 537,217	3,935	3,470
90	66	16 316	310,562	1 146,606	3,692	3,226
91	67	13 269	241,697	836,044	3,459	2,993
92	68	10 481	182,687	594,347	3,253	2,788
93	69	8 048	134,234	411,660	3,067	2,601
94	70	6 018	96,047	277,426	2,888	2,423
95	71	4 318	65,960	181,379	2,750	2,284
96	72	3 042	44,468	115,419	2,596	2,130
97	73	2 061	28,829	70,950	2,461	1,995
98	74	1 343	17,980	42,121	2,343	1,877
99	75	843	10,796	24,141	2,236	1,770
100	76	509	6,236	13,345	2,140	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	32 977,405	677 107,360	20,532	20,067
26	1	98 760	31 445,501	644 129,956	20,484	20,018
27	2	98 691	30 070,181	612 684,454	20,375	19,910
28	3	98 627	28 756,684	582 614,273	20,260	19,795
29	4	98 564	27 500,906	553 857,590	20,140	19,674
30	5	98 499	26 299,196	526 356,683	20,014	19,549
31	6	98 435	25 150,310	500 057,487	19,883	19,417
32	7	98 360	24 049,132	474 907,177	19,747	19,282
33	8	98 287	22 996,269	450 858,045	19,606	19,140
34	9	98 211	21 989,011	427 861,776	19,458	18,992
35	10	98 125	21 023,811	405 872,765	19,305	18,840
36	11	98 033	20 099,428	384 848,954	19,147	18,682
37	12	97 938	19 215,406	364 749,525	18,982	18,517
38	13	97 839	18 369,265	345 534,120	18,810	18,345
39	14	97 728	17 558,291	327 164,854	18,633	18,167
40	15	97 611	16 782,093	309 606,563	18,449	17,983
41	16	97 476	16 037,231	292 824,470	18,259	17,793
42	17	97 333	15 324,143	276 787,239	18,062	17,597
43	18	97 174	14 640,258	261 463,096	17,859	17,394
44	19	96 995	13 984,025	246 822,838	17,650	17,185
45	20	96 802	13 355,235	232 838,814	17,434	16,969
46	21	96 586	12 751,642	219 483,578	17,212	16,747
47	22	96 359	12 173,852	206 731,937	16,982	16,516
48	23	96 103	11 618,651	194 558,085	16,745	16,280
49	24	95 815	11 084,958	182 939,434	16,503	16,038
50	25	95 497	10 572,441	171 854,476	16,255	15,789
51	26	95 143	10 079,699	161 282,035	16,001	15,535
52	27	94 758	9 606,534	151 202,336	15,740	15,274
53	28	94 318	9 150,175	141 595,802	15,475	15,009
54	29	93 824	8 710,315	132 445,627	15,206	14,740
55	30	93 277	8 286,622	123 735,312	14,932	14,466
56	31	92 676	7 878,687	115 448,690	14,653	14,188
57	32	92 013	7 485,526	107 570,002	14,370	13,905
58	33	91 288	7 106,703	100 084,476	14,083	13,617
59	34	90 485	6 740,871	92 977,773	13,793	13,328
60	35	89 613	6 388,424	86 236,902	13,499	13,033
61	36	88 678	6 049,504	79 848,479	13,199	12,734
62	37	87 662	5 722,704	73 798,975	12,896	12,430
63	38	86 559	5 407,373	68 076,270	12,590	12,124
64	39	85 378	5 103,908	62 668,897	12,279	11,813
65	40	84 109	4 811,525	57 564,989	11,964	11,498
66	41	82 760	4 530,498	52 753,465	11,644	11,178
67	42	81 345	4 261,287	48 222,967	11,317	10,851
68	43	79 819	4 001,251	43 961,680	10,987	10,521
69	44	78 255	3 753,954	39 960,429	10,645	10,179
70	45	76 562	3 514,585	36 206,475	10,302	9,836
71	46	74 764	3 284,232	32 691,890	9,954	9,489
72	47	72 847	3 062,256	29 407,659	9,603	9,138
73	48	70 841	2 849,671	26 345,403	9,245	8,779
74	49	68 726	2 645,557	23 495,731	8,881	8,416
75	50	66 481	2 448,913	20 850,175	8,514	8,048
76	51	64 092	2 259,243	18 401,261	8,145	7,679
77	52	61 543	2 075,979	16 142,018	7,776	7,310
78	53	58 859	1 899,950	14 066,039	7,403	6,938
79	54	55 984	1 729,320	12 166,089	7,035	6,570
80	55	52 897	1 563,620	10 436,769	6,675	6,209
81	56	49 633	1 403,959	8 873,149	6,320	5,854
82	57	46 163	1 249,575	7 469,190	5,977	5,512
83	58	42 541	1 101,940	6 219,615	5,644	5,179
84	59	38 762	960,809	5 117,675	5,326	4,861
85	60	34 898	827,773	4 156,866	5,022	4,556
86	61	30 978	703,151	3 329,093	4,735	4,269
87	62	27 107	588,800	2 625,942	4,460	3,994
88	63	23 359	485,545	2 037,141	4,196	3,730
89	64	19 782	393,478	1 551,597	3,943	3,478
90	65	16 448	313,070	1 158,118	3,699	3,234
91	66	13 386	243,827	845,048	3,466	3,000
92	67	10 584	184,475	601,221	3,259	2,793
93	68	8 131	135,620	416,746	3,073	2,607
94	69	6 085	97,132	281,126	2,894	2,429
95	70	4 372	66,773	183,993	2,755	2,290
96	71	3 084	45,072	117,220	2,601	2,135
97	72	2 091	29,251	72,148	2,467	2,001
98	73	1 364	18,263	42,898	2,349	1,883
99	74	858	10,984	24,635	2,243	1,777
100	75	519	6,357	13,651	2,147	1,682

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 100 244,728	21,002	20,536
1	1	99 340	94 835,362	2 000 244,728	21,092	20,626
2	2	99 290	90 489,376	1 905 409,367	21,057	20,591
3	3	99 263	86 362,281	1 814 919,990	21,015	20,549
4	4	99 238	82 425,656	1 728 557,709	20,971	20,505
5	5	99 218	78 671,696	1 646 132,053	20,924	20,458
6	6	99 201	75 091,535	1 567 460,357	20,874	20,408
7	7	99 184	71 674,277	1 492 368,822	20,822	20,356
8	8	99 171	68 414,997	1 420 694,545	20,766	20,300
9	9	99 157	65 303,282	1 352 279,548	20,708	20,242
10	10	99 142	62 332,989	1 286 976,265	20,647	20,181
11	11	99 129	59 498,331	1 224 643,277	20,583	20,117
12	12	99 112	56 791,013	1 165 144,945	20,516	20,050
13	13	99 097	54 207,227	1 108 353,932	20,447	19,981
14	14	99 079	51 739,759	1 054 146,705	20,374	19,908
15	15	99 056	49 382,416	1 002 406,946	20,299	19,833
16	16	99 029	47 130,136	953 024,529	20,221	19,755
17	17	98 990	44 975,034	905 894,394	20,142	19,676
18	18	98 946	42 916,720	860 919,360	20,060	19,594
19	19	98 888	40 946,569	818 002,640	19,977	19,511
20	20	98 828	39 065,939	777 056,071	19,891	19,425
21	21	98 765	37 270,740	737 990,132	19,801	19,335
22	22	98 704	35 558,859	700 719,392	19,706	19,240
23	23	98 643	33 925,223	665 160,533	19,607	19,141
24	24	98 576	32 364,951	631 235,311	19,504	19,038
25	25	98 512	30 877,155	598 870,360	19,395	18,929
26	26	98 446	29 457,321	567 993,205	19,282	18,816
27	27	98 380	28 102,754	538 535,883	19,163	18,697
28	28	98 307	26 808,391	510 433,129	19,040	18,574
29	29	98 232	25 573,174	483 624,738	18,911	18,445
30	30	98 150	24 393,238	458 051,564	18,778	18,312
31	31	98 064	23 266,774	433 658,326	18,639	18,173
32	32	97 966	22 189,343	410 391,553	18,495	18,029
33	33	97 863	21 160,958	388 202,210	18,345	17,879
34	34	97 759	20 179,860	367 041,252	18,188	17,722
35	35	97 642	19 241,741	346 861,392	18,027	17,560
36	36	97 516	18 345,510	327 619,651	17,858	17,392
37	37	97 384	17 489,870	309 274,141	17,683	17,217
38	38	97 248	16 673,451	291 784,272	17,500	17,034
39	39	97 089	15 891,358	275 110,820	17,312	16,846
40	40	96 925	15 145,163	259 219,462	17,116	16,650
41	41	96 737	14 430,419	244 074,299	16,914	16,448
42	42	96 536	13 747,315	229 643,880	16,705	16,239
43	43	96 312	13 093,499	215 896,565	16,489	16,023
44	44	96 067	12 468,060	202 803,066	16,266	15,800
45	45	95 797	11 869,191	190 335,006	16,036	15,570
46	46	95 495	11 295,232	178 465,816	15,800	15,334
47	47	95 165	10 745,818	167 170,583	15,557	15,091
48	48	94 793	10 218,368	156 424,766	15,308	14,842
49	49	94 378	9 712,279	146 206,398	15,054	14,588
50	50	93 910	9 225,945	136 494,119	14,795	14,329
51	51	93 395	8 759,306	127 268,174	14,529	14,063
52	52	92 829	8 311,422	118 508,868	14,259	13,793
53	53	92 192	7 880,023	110 197,446	13,984	13,518
54	54	91 481	7 464,726	102 317,423	13,707	13,241
55	55	90 697	7 065,180	94 852,697	13,425	12,959
56	56	89 841	6 681,122	87 787,517	13,140	12,674
57	57	88 905	6 311,670	81 106,395	12,850	12,384
58	58	87 882	5 956,152	74 794,725	12,558	12,092
59	59	86 756	5 613,204	68 838,573	12,264	11,798
60	60	85 538	5 283,454	63 225,369	11,967	11,501
61	61	84 223	4 966,306	57 941,914	11,667	11,201
62	62	82 831	4 662,772	52 975,608	11,361	10,895
63	63	81 330	4 370,633	48 312,836	11,054	10,588
64	64	79 738	4 090,802	43 942,203	10,742	10,276
65	65	78 027	3 821,492	39 851,401	10,428	9,962
66	66	76 212	3 563,360	36 029,909	10,111	9,645
67	67	74 312	3 316,941	32 466,549	9,788	9,322
68	68	72 270	3 079,533	29 149,609	9,466	9,000
69	69	70 194	2 855,434	26 070,076	9,130	8,664
70	70	67 978	2 639,875	23 214,642	8,794	8,328
71	71	65 645	2 433,688	20 574,767	8,454	7,988
72	72	63 186	2 236,310	18 141,079	8,112	7,646
73	73	60 647	2 049,119	15 904,769	7,762	7,296
74	74	58 019	1 871,416	13 855,650	7,404	6,938
75	75	55 263	1 701,696	11 984,234	7,043	6,577
76	76	52 364	1 539,322	10 282,539	6,680	6,214
77	77	49 293	1 383,338	8 743,217	6,320	5,854
78	78	46 104	1 235,168	7 359,879	5,959	5,493
79	79	42 737	1 093,028	6 124,711	5,603	5,137
80	80	39 169	956,356	5 031,683	5,261	4,795
81	81	35 458	826,490	4 075,327	4,931	4,465
82	82	31 640	704,063	3 248,837	4,614	4,148
83	83	27 801	590,574	2 544,774	4,309	3,843
84	84	23 966	486,013	1 954,201	4,021	3,555
85	85	20 224	391,531	1 468,187	3,750	3,284
86	86	16 656	307,830	1 076,656	3,498	3,032
87	87	13 353	235,609	768,826	3,263	2,797
88	88	10 406	175,279	533,217	3,042	2,576
89	89	7 852	126,265	357,938	2,835	2,369
90	90	5 716	87,741	231,673	2,640	2,174
91	91	3 996	58,556	143,932	2,458	1,992
92	92	2 654	37,125	85,376	2,300	1,834
93	93	1 672	22,338	48,251	2,160	1,694
94	94	1 000	12,752	25,913	2,032	1,566
95	95	556	6,764	13,161	1,946	1,480
96	96	298	3,463	6,397	1,847	1,381
97	97	150	1,660	2,935	1,768	1,302
98	98	72	0,758	1,275	1,681	1,215
99	99	32	0,321	0,516	1,606	1,140
100	100	13	0,126	0,195	1,542	1,076

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 098 333,034	21,048	20,582	50	51	93 725	9 207,764	135 299,712	14,694	14,228
1	2	99 317	94 813,449	1 998 639,420	21,080	20,614	51	52	93 189	8 739,959	126 091,948	14,427	13,961
2	3	99 278	90 478,601	1 903 825,970	21,042	20,576	52	53	92 601	8 291,015	117 351,989	14,154	13,688
3	4	99 251	86 351,992	1 813 347,369	20,999	20,533	53	54	91 940	7 858,486	109 060,975	13,878	13,412
4	5	99 229	82 418,161	1 726 995,377	20,954	20,488	54	55	91 206	7 442,260	101 202,489	13,598	13,132
5	6	99 210	78 665,796	1 644 577,217	20,906	20,440	55	56	90 397	7 041,770	93 760,228	13,315	12,849
6	7	99 194	75 086,592	1 565 911,420	20,855	20,389	56	57	89 516	6 656,944	86 718,458	13,027	12,561
7	8	99 179	71 670,744	1 490 824,828	20,801	20,335	57	58	88 550	6 286,472	80 061,514	12,736	12,270
8	9	99 165	68 410,761	1 419 154,084	20,745	20,279	58	59	87 494	5 929,882	73 775,043	12,441	11,975
9	10	99 150	65 299,057	1 350 743,323	20,685	20,219	59	60	86 337	5 586,092	67 845,160	12,145	11,679
10	11	99 136	62 329,295	1 285 444,266	20,623	20,157	60	61	85 077	5 254,971	62 259,068	11,848	11,382
11	12	99 121	59 493,900	1 223 114,971	20,559	20,093	61	62	83 752	4 938,519	57 004,097	11,543	11,077
12	13	99 105	56 786,520	1 163 621,071	20,491	20,025	62	63	82 328	4 634,438	52 065,577	11,234	10,768
13	14	99 088	54 202,581	1 106 834,551	20,420	19,954	63	64	80 794	4 341,855	47 431,139	10,924	10,458
14	15	99 068	51 734,329	1 052 631,970	20,347	19,881	64	65	79 157	4 060,991	43 089,285	10,611	10,145
15	16	99 044	49 376,238	1 000 897,641	20,271	19,805	65	66	77 402	3 790,873	39 028,294	10,295	9,829
16	17	99 015	47 123,486	951 521,402	20,192	19,726	66	67	75 547	3 532,232	35 237,420	9,976	9,510
17	18	98 975	44 968,449	904 397,917	20,112	19,646	67	68	73 591	3 284,785	31 705,188	9,652	9,186
18	19	98 926	42 907,980	859 429,468	20,030	19,564	68	69	71 532	3 048,076	28 420,403	9,324	8,858
19	20	98 869	40 938,666	816 521,488	19,945	19,479	69	70	69 410	2 823,533	25 372,327	8,986	8,520
20	21	98 809	39 058,705	775 582,822	19,857	19,391	70	71	67 149	2 607,712	22 548,794	8,647	8,181
21	22	98 749	37 264,569	736 524,117	19,765	19,299	71	72	64 766	2 401,100	19 941,082	8,305	7,839
22	23	98 687	35 552,705	699 259,547	19,668	19,202	72	73	62 276	2 204,086	17 539,982	7,958	7,492
23	24	98 621	33 917,861	663 706,842	19,568	19,102	73	74	59 708	2 017,393	15 335,896	7,602	7,136
24	25	98 559	32 359,463	629 788,981	19,462	18,996	74	75	57 026	1 839,399	13 318,503	7,241	6,775
25	26	98 493	30 871,398	597 429,518	19,352	18,886	75	76	54 209	1 669,248	11 479,104	6,877	6,411
26	27	98 427	29 451,590	566 558,121	19,237	18,771	76	77	51 221	1 505,725	9 809,856	6,515	6,049
27	28	98 359	28 096,616	537 106,531	19,116	18,650	77	78	48 088	1 349,512	8 304,131	6,153	5,687
28	29	98 282	26 801,705	509 009,915	18,992	18,526	78	79	44 809	1 200,459	6 954,619	5,793	5,327
29	30	98 206	25 566,556	482 208,210	18,861	18,395	79	80	41 330	1 057,042	5 754,159	5,444	4,978
30	31	98 121	24 385,995	456 641,654	18,726	18,260	80	81	37 665	919,624	4 697,117	5,108	4,642
31	32	98 033	23 259,347	432 255,659	18,584	18,118	81	82	33 896	790,072	3 777,493	4,781	4,315
32	33	97 932	22 181,642	408 996,312	18,439	17,972	82	83	30 048	668,619	2 987,421	4,468	4,002
33	34	97 828	21 153,424	386 814,670	18,286	17,820	83	84	26 186	556,272	2 318,801	4,168	3,702
34	35	97 720	20 171,967	365 661,246	18,127	17,661	84	85	22 355	453,343	1 762,529	3,888	3,422
35	36	97 602	19 233,996	345 489,279	17,962	17,496	85	86	18 662	361,297	1 309,186	3,624	3,158
36	37	97 470	18 336,908	326 255,282	17,792	17,326	86	87	15 175	280,462	947,890	3,380	2,914
37	38	97 339	17 481,820	307 918,374	17,614	17,148	87	88	12 002	211,768	667,428	3,152	2,686
38	39	97 191	16 663,686	290 436,554	17,429	16,963	88	89	9 211	155,153	455,660	2,937	2,471
39	40	97 031	15 881,892	273 772,867	17,238	16,772	89	90	6 824	109,734	300,507	2,738	2,272
40	41	96 859	15 134,884	257 890,976	17,040	16,573	90	91	4 870	74,761	190,773	2,552	2,086
41	42	96 664	14 419,411	242 756,091	16,835	16,369	91	92	3 327	48,757	116,012	2,379	1,913
42	43	96 455	13 735,907	228 336,680	16,623	16,157	92	93	2 156	30,162	67,255	2,230	1,764
43	44	96 225	13 081,716	214 600,773	16,405	15,939	93	94	1 323	17,665	37,093	2,100	1,634
44	45	95 969	12 455,342	201 519,058	16,179	15,713	94	95	765	9,753	19,428	1,992	1,526
45	46	95 691	11 855,993	189 063,716	15,947	15,481	95	96	417	5,080	9,675	1,905	1,439
46	47	95 374	11 280,890	177 207,723	15,709	15,243	96	97	218	2,530	4,595	1,817	1,351
47	48	95 029	10 730,413	165 926,833	15,463	14,997	97	98	108	1,200	2,066	1,721	1,255
48	49	94 641	10 202,023	155 196,420	15,212	14,746	98	99	50	0,527	0,866	1,642	1,176
49	50	94 207	9 694,686	144 994,397	14,956	14,490	99	100	21	0,215	0,338	1,572	1,106

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 096 593,561	21,035	20,569
1	3	99 305	94 802,159	1 996 922,982	21,064	20,598
2	4	99 266	90 467,822	1 902 120,823	21,025	20,559
3	5	99 242	86 344,140	1 811 653,002	20,982	20,516
4	6	99 222	82 411,980	1 725 308,862	20,935	20,469
5	7	99 204	78 660,618	1 642 896,882	20,886	20,420
6	8	99 189	75 082,891	1 564 236,264	20,833	20,367
7	9	99 173	71 666,307	1 489 153,373	20,779	20,313
8	10	99 158	68 406,335	1 417 487,067	20,722	20,256
9	11	99 144	65 295,188	1 349 080,732	20,661	20,195
10	12	99 129	62 324,653	1 283 785,544	20,598	20,132
11	13	99 113	59 489,193	1 221 460,891	20,532	20,066
12	14	99 096	56 781,653	1 161 971,699	20,464	19,998
13	15	99 078	54 196,893	1 105 190,046	20,392	19,926
14	16	99 056	51 727,857	1 050 993,153	20,318	19,852
15	17	99 030	49 369,271	999 265,296	20,241	19,775
16	18	99 001	47 116,586	949 896,024	20,161	19,695
17	19	98 955	44 959,291	902 779,438	20,080	19,614
18	20	98 907	42 899,698	857 820,147	19,996	19,530
19	21	98 851	40 931,085	814 920,449	19,910	19,444
20	22	98 793	39 052,239	773 989,364	19,819	19,353
21	23	98 731	37 258,121	734 937,125	19,726	19,260
22	24	98 666	35 544,991	697 679,005	19,628	19,162
23	25	98 605	33 912,110	662 134,014	19,525	19,059
24	26	98 541	32 353,429	628 221,904	19,417	18,951
25	27	98 474	30 865,391	595 868,475	19,305	18,839
26	28	98 405	29 445,157	565 003,084	19,188	18,722
27	29	98 334	28 089,609	535 557,927	19,066	18,600
28	30	98 257	26 794,769	507 468,318	18,939	18,473
29	31	98 177	25 558,964	480 673,549	18,806	18,340
30	32	98 090	24 378,211	455 114,585	18,669	18,203
31	33	97 999	23 251,275	430 736,374	18,525	18,059
32	34	97 897	22 173,745	407 485,099	18,377	17,911
33	35	97 790	21 145,150	385 311,354	18,222	17,756
34	36	97 681	20 163,848	364 166,204	18,060	17,594
35	37	97 557	19 224,978	344 002,356	17,894	17,428
36	38	97 425	18 328,469	324 777,377	17,720	17,254
37	39	97 282	17 471,582	306 448,908	17,540	17,074
38	40	97 133	16 653,760	288 977,326	17,352	16,886
39	41	96 965	15 871,113	272 323,566	17,158	16,692
40	42	96 785	15 123,338	256 452,453	16,957	16,491
41	43	96 583	14 407,445	241 329,115	16,750	16,284
42	44	96 369	13 723,546	226 921,669	16,535	16,069
43	45	96 127	13 068,372	213 198,124	16,314	15,848
44	46	95 863	12 441,492	200 129,752	16,086	15,620
45	47	95 569	11 840,939	187 688,260	15,851	15,385
46	48	95 237	11 264,719	175 847,321	15,610	15,144
47	49	94 877	10 713,249	164 582,603	15,363	14,897
48	50	94 470	10 183,542	153 869,354	15,110	14,644
49	51	94 021	9 675,581	143 685,812	14,850	14,384
50	52	93 518	9 187,426	134 010,231	14,586	14,120
51	53	92 960	8 718,500	124 822,805	14,317	13,851
52	54	92 348	8 268,354	116 104,305	14,042	13,576
53	55	91 663	7 834,835	107 835,951	13,764	13,298
54	56	90 904	7 417,601	100 001,117	13,482	13,016
55	57	90 070	7 016,287	92 583,516	13,196	12,730
56	58	89 159	6 630,367	85 567,229	12,905	12,439
57	59	88 159	6 258,745	78 936,861	12,612	12,146
58	60	87 072	5 901,241	72 678,116	12,316	11,850
59	61	85 871	5 555,978	66 776,875	12,019	11,553
60	62	84 601	5 225,569	61 220,898	11,716	11,250
61	63	83 243	4 908,510	55 995,329	11,408	10,942
62	64	81 786	4 603,923	51 086,819	11,096	10,630
63	65	80 205	4 310,214	46 482,896	10,784	10,318
64	66	78 523	4 028,454	42 172,682	10,469	10,003
65	67	76 726	3 757,759	38 144,228	10,151	9,685
66	68	74 814	3 497,989	34 386,470	9,830	9,364
67	69	72 840	3 251,232	30 888,480	9,501	9,035
68	70	70 733	3 014,022	27 637,248	9,170	8,704
69	71	68 564	2 789,132	24 623,226	8,828	8,362
70	72	66 250	2 572,794	21 834,094	8,487	8,021
71	73	63 833	2 366,502	19 261,300	8,139	7,673
72	74	61 312	2 169,961	16 894,799	7,786	7,320
73	75	58 687	1 982,878	14 724,838	7,426	6,960
74	76	55 939	1 804,326	12 741,959	7,062	6,596
75	77	53 026	1 632,815	10 937,633	6,699	6,233
76	78	49 969	1 468,907	9 304,818	6,335	5,869
77	79	46 737	1 311,591	7 835,911	5,974	5,508
78	80	43 333	1 160,936	6 524,320	5,620	5,154
79	81	39 742	1 016,443	5 363,384	5,277	4,811
80	82	36 005	879,103	4 346,940	4,945	4,479
81	83	32 189	750,299	3 467,837	4,622	4,156
82	84	28 302	629,785	2 717,538	4,315	3,849
83	85	24 426	518,879	2 087,754	4,024	3,558
84	86	20 628	418,335	1 568,875	3,750	3,284
85	87	17 003	329,175	1 150,540	3,495	3,029
86	88	13 639	252,082	821,365	3,258	2,792
87	89	10 624	187,451	569,283	3,037	2,571
88	90	8 005	134,840	381,832	2,832	2,366
89	91	5 815	93,501	246,991	2,642	2,176
90	92	4 055	62,251	153,491	2,466	2,000
91	93	2 703	39,613	91,240	2,303	1,837
92	94	1 705	23,852	51,627	2,164	1,698
93	95	1 012	13,510	27,775	2,056	1,590
94	96	574	7,324	14,265	1,948	1,482
95	97	305	3,711	6,941	1,870	1,404
96	98	157	1,829	3,230	1,766	1,300
97	99	75	0,834	1,401	1,679	1,213
98	100	33	0,353	0,567	1,605	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 094 735,540	21,019	20,553
1	4	99 293	94 790,865	1 995 076,829	21,047	20,581
2	5	99 257	90 459,595	1 900 285,965	21,007	20,541
3	6	99 234	86 337,665	1 809 826,369	20,962	20,496
4	7	99 215	82 406,555	1 723 488,705	20,914	20,448
5	8	99 199	78 656,740	1 641 082,150	20,864	20,398
6	9	99 183	75 078,242	1 562 425,409	20,811	20,345
7	10	99 167	71 661,669	1 487 347,167	20,755	20,289
8	11	99 152	68 402,281	1 415 685,498	20,696	20,230
9	12	99 137	65 290,324	1 347 283,217	20,635	20,169
10	13	99 121	62 319,722	1 281 992,892	20,571	20,105
11	14	99 105	59 484,093	1 219 673,170	20,504	20,038
12	15	99 086	56 775,694	1 160 189,077	20,435	19,969
13	16	99 066	54 190,113	1 103 413,383	20,362	19,896
14	17	99 042	51 720,558	1 049 223,270	20,286	19,820
15	18	99 016	49 362,043	997 502,711	20,208	19,742
16	19	98 981	47 106,991	948 140,669	20,127	19,661
17	20	98 936	44 950,613	901 033,678	20,045	19,579
18	21	98 889	42 891,754	856 083,064	19,959	19,493
19	22	98 834	40 924,309	813 191,310	19,871	19,405
20	23	98 776	39 045,481	772 267,002	19,779	19,313
21	24	98 710	37 250,036	733 221,521	19,684	19,218
22	25	98 649	35 538,964	695 971,484	19,583	19,117
23	26	98 586	33 905,787	660 432,521	19,478	19,012
24	27	98 522	32 347,134	626 526,734	19,369	18,903
25	28	98 453	30 858,649	594 179,601	19,255	18,789
26	29	98 381	29 437,813	563 320,951	19,136	18,670
27	30	98 309	28 082,340	533 883,138	19,011	18,545
28	31	98 228	26 786,813	505 800,798	18,882	18,416
29	32	98 146	25 550,806	479 013,986	18,748	18,282
30	33	98 056	24 369,750	453 463,179	18,608	18,142
31	34	97 964	23 242,997	429 093,429	18,461	17,995
32	35	97 858	22 165,072	405 850,432	18,310	17,844
33	36	97 750	21 136,640	383 685,360	18,153	17,687
34	37	97 635	20 154,395	362 548,721	17,989	17,523
35	38	97 512	19 216,131	342 394,326	17,818	17,352
36	39	97 368	18 317,735	323 178,195	17,643	17,177
37	40	97 224	17 461,174	304 860,460	17,459	16,993
38	41	97 067	16 642,457	287 399,286	17,269	16,803
39	42	96 891	15 859,005	270 756,829	17,073	16,607
40	43	96 705	15 110,789	254 897,824	16,869	16,403
41	44	96 496	14 394,480	239 787,035	16,658	16,192
42	45	96 270	13 709,547	225 392,555	16,441	15,975
43	46	96 020	13 053,840	211 683,008	16,216	15,750
44	47	95 741	12 425,695	198 629,168	15,985	15,519
45	48	95 432	11 823,964	186 203,473	15,748	15,282
46	49	95 085	11 246,700	174 379,509	15,505	15,039
47	50	94 705	10 693,842	163 132,809	15,255	14,789
48	51	94 283	10 163,474	152 438,967	14,999	14,533
49	52	93 813	9 654,209	142 275,493	14,737	14,271
50	53	93 288	9 164,868	132 621,284	14,471	14,005
51	54	92 706	8 694,671	123 456,415	14,199	13,733
52	55	92 070	8 243,469	114 761,745	13,922	13,456
53	56	91 359	7 808,875	106 518,275	13,641	13,175
54	57	90 575	7 390,758	98 709,401	13,356	12,890
55	58	89 710	6 988,276	91 318,643	13,067	12,601
56	59	88 765	6 601,124	84 330,367	12,775	12,309
57	60	87 733	6 228,515	77 729,243	12,480	12,014
58	61	86 602	5 869,427	71 500,728	12,182	11,716
59	62	85 391	5 524,891	65 631,301	11,879	11,413
60	63	84 087	5 193,815	60 106,409	11,573	11,107
61	64	82 694	4 876,190	54 912,594	11,261	10,795
62	65	81 190	4 570,373	50 036,404	10,948	10,482
63	66	79 563	4 275,680	45 466,031	10,634	10,168
64	67	77 837	3 993,263	41 190,351	10,315	9,849
65	68	75 982	3 721,329	37 197,088	9,996	9,530
66	69	74 050	3 462,258	33 475,759	9,669	9,203
67	70	72 026	3 214,908	30 013,501	9,336	8,870
68	71	69 871	2 977,301	26 798,592	9,001	8,535
69	72	67 646	2 751,785	23 821,291	8,657	8,191
70	73	65 296	2 535,722	21 069,507	8,309	7,843
71	74	62 844	2 329,862	18 533,785	7,955	7,489
72	75	60 263	2 132,836	16 203,923	7,597	7,131
73	76	57 568	1 945,070	14 071,087	7,234	6,768
74	77	54 718	1 764,945	12 126,017	6,870	6,404
75	78	51 729	1 592,890	10 361,073	6,505	6,039
76	79	48 565	1 427,630	8 768,183	6,142	5,676
77	80	45 198	1 268,409	7 340,552	5,787	5,321
78	81	41 669	1 116,347	6 072,143	5,439	4,973
79	82	37 991	971,656	4 955,796	5,100	4,634
80	83	34 192	834,848	3 984,140	4,772	4,306
81	84	30 320	706,720	3 149,292	4,456	3,990
82	85	26 400	587,450	2 442,572	4,158	3,692
83	86	22 540	478,810	1 855,122	3,874	3,408
84	87	18 794	381,142	1 376,312	3,611	3,145
85	88	15 282	295,865	995,170	3,364	2,898
86	89	12 073	223,136	699,305	3,134	2,668
87	90	9 233	162,911	476,168	2,923	2,457
88	91	6 821	114,893	313,257	2,727	2,261
89	92	4 842	77,855	198,365	2,548	2,082
90	93	3 295	50,575	120,510	2,383	1,917
91	94	2 138	31,326	69,935	2,233	1,767
92	95	1 304	18,243	38,609	2,116	1,650
93	96	760	10,146	20,366	2,007	1,541
94	97	420	5,350	10,221	1,910	1,444
95	98	220	2,683	4,870	1,815	1,349
96	99	109	1,271	2,188	1,720	1,254
97	100	50	0,559	0,916	1,640	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0	4	99 647	99 646,837	2 092 739,742	21,002	20,536
1	5	99 284	94 782,245	1 993 092,905	21,028	20,562
2	6	99 250	90 452,811	1 898 310,660	20,987	20,521
3	7	99 228	86 331,981	1 807 857,848	20,941	20,475
4	8	99 210	82 402,493	1 721 525,867	20,892	20,426
5	9	99 193	78 651,871	1 639 123,374	20,840	20,374
6	10	99 177	75 073,384	1 560 471,504	20,786	20,320
7	11	99 161	71 657,423	1 485 398,120	20,729	20,263
8	12	99 145	68 397,187	1 413 740,697	20,670	20,204
9	13	99 129	65 285,159	1 345 343,510	20,607	20,141
10	14	99 113	62 314,380	1 280 058,351	20,542	20,076
11	15	99 095	59 477,851	1 217 743,971	20,474	20,008
12	16	99 073	56 768,591	1 158 266,120	20,403	19,937
13	17	99 052	54 182,467	1 101 497,528	20,329	19,863
14	18	99 028	51 712,986	1 047 315,062	20,252	19,786
15	19	98 995	49 351,991	995 602,076	20,173	19,707
16	20	98 961	47 097,898	946 250,086	20,091	19,625
17	21	98 918	44 942,290	899 152,187	20,007	19,541
18	22	98 872	42 884,653	854 209,898	19,919	19,453
19	23	98 817	40 917,227	811 325,245	19,828	19,362
20	24	98 755	39 037,009	770 408,018	19,735	19,269
21	25	98 693	37 243,720	731 371,009	19,637	19,171
22	26	98 631	35 532,337	694 127,289	19,535	19,069
23	27	98 567	33 899,189	658 594,952	19,428	18,962
24	28	98 500	32 340,068	624 695,763	19,316	18,850
25	29	98 428	30 850,953	592 355,695	19,201	18,735
26	30	98 355	29 430,195	561 504,742	19,079	18,613
27	31	98 280	28 074,001	532 074,546	18,953	18,487
28	32	98 196	26 778,263	504 000,545	18,821	18,355
29	33	98 112	25 541,939	477 222,282	18,684	18,218
30	34	98 021	24 361,074	451 680,344	18,541	18,075
31	35	97 926	23 233,906	427 319,270	18,392	17,926
32	36	97 819	22 156,151	404 085,364	18,238	17,772
33	37	97 705	21 126,730	381 929,213	18,078	17,612
34	38	97 590	20 145,119	360 802,483	17,910	17,444
35	39	97 455	19 204,876	340 657,364	17,738	17,272
36	40	97 310	18 306,823	321 452,487	17,559	17,093
37	41	97 158	17 449,323	303 145,664	17,373	16,907
38	42	96 993	16 629,761	285 696,341	17,180	16,714
39	43	96 811	15 845,845	269 066,580	16,980	16,514
40	44	96 618	15 097,190	253 220,735	16,773	16,307
41	45	96 398	14 379,797	238 123,545	16,560	16,094
42	46	96 163	13 694,303	223 743,748	16,338	15,872
43	47	95 898	13 037,265	210 049,445	16,111	15,645
44	48	95 604	12 407,882	197 012,180	15,878	15,412
45	49	95 279	11 805,051	184 604,298	15,638	15,172
46	50	94 912	11 226,327	172 799,247	15,392	14,926
47	51	94 518	10 672,768	161 572,920	15,139	14,673
48	52	94 075	10 141,025	150 900,151	14,880	14,414
49	53	93 583	9 630,505	140 759,126	14,616	14,150
50	54	93 033	9 139,819	131 128,621	14,347	13,881
51	55	92 427	8 668,503	121 988,802	14,073	13,607
52	56	91 765	8 216,155	113 320,299	13,792	13,326
53	57	91 029	7 780,615	105 104,143	13,508	13,042
54	58	90 213	7 361,252	97 323,528	13,221	12,755
55	59	89 315	6 957,454	89 962,276	12,930	12,464
56	60	88 337	6 569,240	83 004,823	12,635	12,169
57	61	87 260	6 194,937	76 435,582	12,338	11,872
58	62	86 118	5 836,587	70 240,645	12,035	11,569
59	63	84 872	5 491,318	64 404,058	11,728	11,262
60	64	83 533	5 159,617	58 912,739	11,418	10,952
61	65	82 092	4 840,656	53 753,122	11,105	10,639
62	66	80 539	4 533,754	48 912,467	10,789	10,323
63	67	78 868	4 238,330	44 378,713	10,471	10,005
64	68	77 082	3 954,551	40 140,383	10,150	9,684
65	69	75 206	3 683,317	36 185,831	9,824	9,358
66	70	73 223	3 423,577	32 502,515	9,494	9,028
67	71	71 148	3 175,739	29 078,938	9,157	8,691
68	72	68 935	2 937,434	25 903,198	8,818	8,352
69	73	66 671	2 712,133	22 965,765	8,468	8,002
70	74	64 285	2 496,462	20 253,631	8,113	7,647
71	75	61 769	2 290,002	17 757,170	7,754	7,288
72	76	59 114	2 092,168	15 467,168	7,393	6,927
73	77	56 311	1 902,617	13 375,000	7,030	6,564
74	78	53 380	1 721,788	11 472,383	6,663	6,197
75	79	50 276	1 548,129	9 750,595	6,298	5,832
76	80	46 966	1 380,628	8 202,465	5,941	5,475
77	81	43 462	1 219,692	6 821,837	5,593	5,127
78	82	39 833	1 067,158	5 602,145	5,250	4,784
79	83	36 079	922,742	4 534,987	4,915	4,449
80	84	32 206	786,358	3 612,246	4,594	4,128
81	85	28 282	659,214	2 825,888	4,287	3,821
82	86	24 361	542,086	2 166,674	3,997	3,531
83	87	20 536	436,240	1 624,588	3,724	3,258
84	88	16 892	342,574	1 188,347	3,469	3,003
85	89	13 527	261,893	845,773	3,229	2,763
86	90	10 492	193,924	583,880	3,011	2,545
87	91	7 867	138,810	389,956	2,809	2,343
88	92	5 680	95,667	251,146	2,625	2,159
89	93	3 934	63,252	155,479	2,458	1,992
90	94	2 605	39,995	92,227	2,306	1,840
91	95	1 635	23,959	52,232	2,180	1,714
92	96	979	13,700	28,273	2,064	1,598
93	97	555	7,412	14,573	1,966	1,500
94	98	303	3,868	7,162	1,852	1,386
95	99	153	1,865	3,294	1,766	1,300
96	100	73	0,851	1,429	1,678	1,212

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 090 598,044	20,982	20,516
1	6	99 277	94 775,137	1 990 960,268	21,007	20,541
2	7	99 243	90 446,857	1 896 185,131	20,965	20,499
3	8	99 223	86 327,726	1 805 738,274	20,917	20,451
4	9	99 204	82 397,391	1 719 410,548	20,867	20,401
5	10	99 186	78 646,781	1 637 013,157	20,815	20,349
6	11	99 171	75 068,936	1 558 366,376	20,759	20,293
7	12	99 153	71 652,086	1 483 297,440	20,701	20,235
8	13	99 137	68 391,775	1 411 645,354	20,641	20,175
9	14	99 121	65 279,563	1 343 253,579	20,577	20,111
10	15	99 102	62 307,841	1 277 974,017	20,511	20,045
11	16	99 082	59 470,410	1 215 666,176	20,442	19,976
12	17	99 059	56 760,581	1 156 195,765	20,370	19,904
13	18	99 037	54 174,533	1 099 435,184	20,294	19,828
14	19	99 007	51 702,455	1 045 260,651	20,217	19,751
15	20	98 976	49 342,465	993 558,196	20,136	19,670
16	21	98 943	47 089,177	944 215,731	20,052	19,586
17	22	98 901	44 934,849	897 126,554	19,965	19,499
18	23	98 855	42 877,232	852 191,705	19,875	19,409
19	24	98 796	40 908,348	809 314,473	19,784	19,318
20	25	98 738	39 030,389	768 406,125	19,687	19,221
21	26	98 675	37 236,775	729 375,736	19,588	19,122
22	27	98 612	35 525,423	692 138,960	19,483	19,017
23	28	98 546	33 891,785	656 613,537	19,374	18,908
24	29	98 476	32 332,003	622 721,752	19,260	18,794
25	30	98 403	30 842,969	590 389,749	19,142	18,676
26	31	98 326	29 421,457	559 546,780	19,018	18,552
27	32	98 248	28 065,040	530 125,323	18,889	18,423
28	33	98 162	26 768,969	502 060,283	18,755	18,289
29	34	98 077	25 532,845	475 291,314	18,615	18,149
30	35	97 982	24 351,546	449 758,469	18,469	18,003
31	36	97 886	23 224,555	425 406,923	18,317	17,851
32	37	97 773	22 145,763	402 182,369	18,161	17,695
33	38	97 660	21 117,007	380 036,605	17,997	17,531
34	39	97 533	20 133,321	358 919,599	17,827	17,361
35	40	97 397	19 193,436	338 786,278	17,651	17,185
36	41	97 244	18 294,398	319 592,842	17,469	17,003
37	42	97 084	17 436,012	301 298,443	17,280	16,814
38	43	96 912	16 615,961	283 862,431	17,084	16,618
39	44	96 723	15 831,585	267 246,470	16,881	16,415
40	45	96 519	15 081,791	251 414,885	16,670	16,204
41	46	96 291	14 363,807	236 333,094	16,453	15,987
42	47	96 041	13 676,915	221 969,287	16,229	15,763
43	48	95 761	13 018,576	208 292,373	16,000	15,534
44	49	95 451	12 388,034	195 273,797	15,763	15,297
45	50	95 107	11 783,667	182 885,762	15,520	15,054
46	51	94 725	11 204,204	171 102,095	15,271	14,805
47	52	94 310	10 649,195	159 897,892	15,015	14,549
48	53	93 844	10 116,126	149 248,697	14,754	14,288
49	54	93 327	9 604,184	139 132,571	14,487	14,021
50	55	92 753	9 112,312	129 528,388	14,215	13,749
51	56	92 121	8 639,781	120 416,076	13,937	13,471
52	57	91 433	8 186,422	111 776,295	13,654	13,188
53	58	90 665	7 749,553	103 589,873	13,367	12,901
54	59	89 815	7 328,785	95 840,320	13,077	12,611
55	60	88 883	6 923,849	88 511,536	12,784	12,318
56	61	87 860	6 533,825	81 587,686	12,487	12,021
57	62	86 772	6 160,276	75 053,861	12,184	11,718
58	63	85 594	5 801,120	68 893,585	11,876	11,410
59	64	84 313	5 455,161	63 092,465	11,566	11,100
60	65	82 925	5 122,017	57 637,303	11,253	10,787
61	66	81 434	4 801,871	52 515,286	10,936	10,470
62	67	79 836	4 494,150	47 713,415	10,617	10,151
63	68	78 103	4 197,242	43 219,265	10,297	9,831
64	69	76 295	3 914,156	39 022,023	9,969	9,503
65	70	74 366	3 642,166	35 107,867	9,639	9,173
66	71	72 331	3 381,866	31 465,701	9,304	8,838
67	72	70 196	3 133,215	28 083,835	8,963	8,497
68	73	67 942	2 895,107	24 950,620	8,618	8,152
69	74	65 639	2 670,142	22 055,512	8,260	7,794
70	75	63 185	2 453,751	19 385,370	7,900	7,434
71	76	60 591	2 246,337	16 931,619	7,537	7,071
72	77	57 823	2 046,504	14 685,282	7,176	6,710
73	78	54 934	1 856,094	12 638,778	6,809	6,343
74	79	51 880	1 673,406	10 782,684	6,444	5,978
75	80	48 621	1 497,160	9 109,278	6,084	5,618
76	81	45 162	1 327,601	7 612,118	5,734	5,268
77	82	41 547	1 165,949	6 284,517	5,390	4,924
78	83	37 828	1 013,436	5 118,568	5,051	4,585
79	84	33 983	869,147	4 105,133	4,723	4,257
80	85	30 042	733,498	3 235,986	4,412	3,946
81	86	26 098	608,308	2 502,487	4,114	3,648
82	87	22 195	493,891	1 894,179	3,835	3,369
83	88	18 458	392,097	1 400,288	3,571	3,105
84	89	14 953	303,238	1 008,191	3,325	2,859
85	90	11 756	227,606	704,953	3,097	2,631
86	91	8 940	165,235	477,347	2,889	2,423
87	92	6 551	115,582	312,111	2,700	2,234
88	93	4 614	77,724	196,529	2,529	2,063
89	94	3 111	50,020	118,805	2,375	1,909
90	95	1 993	30,589	68,785	2,249	1,783
91	96	1 228	17,992	38,196	2,123	1,657
92	97	715	10,008	20,203	2,019	1,553
93	98	401	5,358	10,196	1,903	1,437
94	99	211	2,689	4,837	1,799	1,333
95	100	103	1,249	2,148	1,720	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 088 299,301	20,960	20,494
1	7	99 270	94 768,898	1 988 668,997	20,984	20,518
2	8	99 238	90 442,399	1 893 900,099	20,940	20,474
3	9	99 217	86 322,381	1 803 457,700	20,892	20,426
4	10	99 198	82 392,059	1 717 135,319	20,841	20,375
5	11	99 180	78 642,121	1 634 743,260	20,787	20,321
6	12	99 164	75 063,344	1 556 101,139	20,731	20,264
7	13	99 145	71 646,417	1 481 037,795	20,671	20,205
8	14	99 129	68 385,913	1 409 391,378	20,609	20,143
9	15	99 110	65 272,712	1 341 005,465	20,545	20,079
10	16	99 090	62 300,046	1 275 732,752	20,477	20,011
11	17	99 068	59 462,019	1 213 432,706	20,407	19,941
12	18	99 045	56 752,271	1 153 970,687	20,333	19,867
13	19	99 017	54 163,501	1 097 218,417	20,258	19,792
14	20	98 988	51 692,475	1 043 054,916	20,178	19,712
15	21	98 958	49 333,328	991 362,441	20,095	19,629
16	22	98 927	47 081,381	942 029,113	20,009	19,543
17	23	98 884	44 927,073	894 947,732	19,920	19,454
18	24	98 834	42 867,928	850 020,658	19,829	19,363
19	25	98 779	40 901,411	807 152,730	19,734	19,268
20	26	98 719	39 023,112	766 251,319	19,636	19,170
21	27	98 656	37 229,530	727 228,207	19,534	19,068
22	28	98 590	35 517,664	689 998,677	19,427	18,961
23	29	98 521	33 883,332	654 481,013	19,316	18,850
24	30	98 450	32 323,636	620 597,681	19,200	18,733
25	31	98 373	30 833,811	588 274,045	19,079	18,613
26	32	98 295	29 412,065	557 440,234	18,953	18,487
27	33	98 214	28 055,300	528 028,168	18,821	18,355
28	34	98 127	26 759,438	499 972,868	18,684	18,218
29	35	98 038	25 522,858	473 213,430	18,541	18,075
30	36	97 943	24 341,745	447 690,571	18,392	17,926
31	37	97 841	23 213,666	423 348,827	18,237	17,771
32	38	97 728	22 135,571	400 135,161	18,077	17,611
33	39	97 603	21 104,639	377 999,590	17,911	17,445
34	40	97 475	20 121,327	356 894,950	17,737	17,271
35	41	97 331	19 180,410	336 773,623	17,558	17,092
36	42	97 170	18 280,442	317 593,213	17,373	16,907
37	43	97 003	17 421,543	299 312,771	17,181	16,715
38	44	96 825	16 601,008	281 891,228	16,980	16,514
39	45	96 625	15 815,436	265 290,220	16,774	16,308
40	46	96 412	15 065,020	249 474,783	16,560	16,094
41	47	96 169	14 345,569	234 409,763	16,340	15,874
42	48	95 903	13 657,308	220 064,194	16,113	15,647
43	49	95 607	12 997,752	206 406,886	15,880	15,414
44	50	95 278	12 365,594	193 409,134	15,641	15,175
45	51	94 919	11 760,445	181 043,540	15,394	14,928
46	52	94 516	11 179,456	169 283,095	15,142	14,676
47	53	94 078	10 623,048	158 103,639	14,883	14,417
48	54	93 588	10 088,477	147 480,591	14,619	14,153
49	55	93 046	9 575,279	137 392,114	14,349	13,883
50	56	92 446	9 082,119	127 816,836	14,073	13,607
51	57	91 788	8 608,514	118 734,717	13,793	13,327
52	58	91 068	8 153,740	110 126,202	13,506	13,040
53	59	90 265	7 715,373	101 972,463	13,217	12,751
54	60	89 381	7 293,387	94 257,089	12,924	12,458
55	61	88 404	6 886,523	86 963,703	12,628	12,162
56	62	87 369	6 497,268	80 077,180	12,325	11,859
57	63	86 245	6 122,842	73 579,912	12,017	11,551
58	64	85 031	5 762,923	67 457,070	11,705	11,239
59	65	83 699	5 415,408	61 694,147	11,392	10,926
60	66	82 260	5 080,979	56 278,739	11,076	10,610
61	67	80 723	4 759,925	51 197,760	10,756	10,290
62	68	79 062	4 450,582	46 437,835	10,434	9,968
63	69	77 305	4 154,368	41 987,254	10,107	9,641
64	70	75 443	3 870,427	37 832,886	9,775	9,309
65	71	73 460	3 597,792	33 962,459	9,440	8,974
66	72	71 362	3 336,582	30 364,667	9,101	8,635
67	73	69 184	3 088,068	27 028,086	8,752	8,286
68	74	66 890	2 850,283	23 940,018	8,399	7,933
69	75	64 516	2 624,460	21 089,735	8,036	7,570
70	76	61 980	2 406,964	18 465,275	7,672	7,206
71	77	59 269	2 197,308	16 058,311	7,308	6,842
72	78	56 409	1 996,464	13 861,003	6,943	6,477
73	79	53 391	1 803,937	11 864,539	6,577	6,111
74	80	50 172	1 618,312	10 060,602	6,217	5,751
75	81	46 753	1 439,657	8 442,290	5,864	5,398
76	82	43 172	1 269,104	7 002,633	5,518	5,052
77	83	39 455	1 107,253	5 733,530	5,178	4,712
78	84	35 631	954,573	4 626,276	4,846	4,380
79	85	31 699	810,722	3 671,703	4,529	4,063
80	86	27 722	676,857	2 860,981	4,227	3,761
81	87	23 777	554,225	2 184,124	3,941	3,475
82	88	19 949	443,914	1 629,899	3,672	3,206
83	89	16 338	347,075	1 185,985	3,417	2,951
84	90	12 995	263,539	838,911	3,183	2,717
85	91	10 017	193,935	575,372	2,967	2,501
86	92	7 444	137,586	381,437	2,772	2,306
87	93	5 322	93,904	243,851	2,597	2,131
88	94	3 649	61,464	149,948	2,440	1,974
89	95	2 379	38,257	88,483	2,313	1,847
90	96	1 496	22,971	50,227	2,186	1,720
91	97	897	13,144	27,255	2,074	1,608
92	98	517	7,235	14,112	1,950	1,484
93	99	279	3,725	6,876	1,846	1,380
94	100	141	1,800	3,151	1,750	1,284

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	2 085 833,444	20,937	20,471
1	8	99 266	94 764,227	1 986 209,698	20,959	20,493
2	9	99 232	90 436,799	1 891 445,471	20,915	20,449
3	10	99 210	86 316,795	1 801 008,672	20,865	20,399
4	11	99 192	82 387,177	1 714 691,877	20,813	20,347
5	12	99 173	78 636,264	1 632 304,700	20,758	20,292
6	13	99 156	75 057,406	1 553 668,436	20,700	20,234
7	14	99 137	71 640,276	1 478 611,031	20,639	20,173
8	15	99 118	68 378,737	1 406 970,755	20,576	20,110
9	16	99 098	65 264,547	1 338 592,018	20,510	20,044
10	17	99 076	62 291,256	1 273 327,472	20,442	19,976
11	18	99 054	59 453,313	1 211 036,216	20,370	19,904
12	19	99 025	56 740,713	1 151 582,903	20,296	19,830
13	20	98 998	54 153,046	1 094 842,190	20,218	19,752
14	21	98 970	51 682,903	1 040 689,144	20,136	19,670
15	22	98 942	49 325,160	989 006,241	20,051	19,585
16	23	98 910	47 073,234	939 681,080	19,962	19,496
17	24	98 863	44 917,325	892 607,847	19,872	19,406
18	25	98 817	42 860,659	847 690,522	19,778	19,312
19	26	98 761	40 893,785	804 829,863	19,681	19,215
20	27	98 700	39 015,519	763 936,078	19,580	19,114
21	28	98 634	37 221,398	724 920,559	19,476	19,010
22	29	98 565	35 508,806	687 699,161	19,367	18,901
23	30	98 496	33 874,564	652 190,355	19,253	18,787
24	31	98 421	32 314,038	618 315,791	19,135	18,669
25	32	98 342	30 823,969	586 001,753	19,011	18,545
26	33	98 261	29 401,858	555 177,784	18,882	18,416
27	34	98 179	28 045,311	525 775,926	18,747	18,281
28	35	98 089	26 748,972	497 730,615	18,607	18,141
29	36	97 999	25 512,586	470 981,642	18,461	17,995
30	37	97 897	24 330,332	445 469,056	18,309	17,843
31	38	97 795	23 202,982	421 138,724	18,150	17,684
32	39	97 671	22 122,607	397 935,742	17,988	17,522
33	40	97 544	21 092,067	375 813,135	17,818	17,352
34	41	97 409	20 107,671	354 721,067	17,641	17,175
35	42	97 256	19 165,778	334 613,396	17,459	16,993
36	43	97 089	18 265,273	315 447,619	17,270	16,804
37	44	96 916	17 405,865	297 182,346	17,074	16,608
38	45	96 726	16 584,074	279 776,481	16,870	16,404
39	46	96 517	15 797,850	263 192,406	16,660	16,194
40	47	96 290	15 045,892	247 394,556	16,443	15,977
41	48	96 031	14 325,004	232 348,664	16,220	15,754
42	49	95 750	13 635,462	218 023,660	15,989	15,523
43	50	95 434	12 974,207	204 388,198	15,753	15,287
44	51	95 090	12 341,226	191 413,991	15,510	15,044
45	52	94 710	11 734,469	179 072,765	15,260	14,794
46	53	94 284	11 152,007	167 338,296	15,005	14,539
47	54	93 821	10 594,013	156 186,289	14,743	14,277
48	55	93 306	10 058,114	145 592,276	14,475	14,009
49	56	92 738	9 543,552	135 534,162	14,202	13,736
50	57	92 112	9 049,252	125 990,610	13,923	13,457
51	58	91 421	8 574,147	116 941,358	13,639	13,173
52	59	90 666	8 117,777	108 367,211	13,349	12,883
53	60	89 829	7 678,108	100 249,434	13,057	12,591
54	61	88 899	7 254,068	92 571,326	12,761	12,295
55	62	87 909	6 847,992	85 317,258	12,459	11,993
56	63	86 838	6 457,786	78 469,266	12,151	11,685
57	64	85 677	6 082,527	72 011,480	11,839	11,373
58	65	84 411	5 720,927	65 928,953	11,524	11,058
59	66	83 028	5 372,019	60 208,026	11,208	10,742
60	67	81 542	5 036,594	54 836,008	10,888	10,422
61	68	79 940	4 713,780	49 799,413	10,565	10,099
62	69	78 254	4 405,120	45 085,633	10,235	9,769
63	70	76 442	4 107,955	40 680,513	9,903	9,437
64	71	74 523	3 823,271	36 572,558	9,566	9,100
65	72	72 476	3 549,616	32 749,287	9,226	8,760
66	73	70 334	3 288,504	29 199,671	8,879	8,413
67	74	68 113	3 040,256	25 911,168	8,523	8,057
68	75	65 746	2 801,519	22 870,912	8,164	7,698
69	76	63 286	2 574,418	20 069,393	7,796	7,330
70	77	60 627	2 354,430	17 494,975	7,431	6,965
71	78	57 820	2 143,580	15 140,545	7,063	6,597
72	79	54 824	1 940,362	12 996,965	6,698	6,232
73	80	51 633	1 744,546	11 056,603	6,338	5,872
74	81	48 245	1 556,156	9 312,057	5,984	5,518
75	82	44 693	1 376,222	7 755,901	5,636	5,170
76	83	40 999	1 205,215	6 379,679	5,293	4,827
77	84	37 164	1 042,942	5 174,465	4,961	4,495
78	85	33 236	890,406	4 131,522	4,640	4,174
79	86	29 251	748,117	3 241,117	4,332	3,866
80	87	25 257	616,679	2 492,999	4,043	3,577
81	88	21 371	498,143	1 876,320	3,767	3,301
82	89	17 659	392,941	1 378,177	3,507	3,041
83	90	14 199	301,636	985,236	3,266	2,800
84	91	11 073	224,552	683,600	3,044	2,578
85	92	8 341	161,483	459,048	2,843	2,377
86	93	6 048	111,780	297,565	2,662	2,196
87	94	4 209	74,259	185,785	2,502	2,036
88	95	2 791	47,009	111,526	2,372	1,906
89	96	1 787	28,730	64,516	2,246	1,780
90	97	1 093	16,781	35,787	2,133	1,667
91	98	648	9,502	19,006	2,000	1,534
92	99	360	5,030	9,504	1,889	1,423
93	100	187	2,494	4,473	1,794	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	2 083 190,954	20,912	20,446
1	9	99 259	94 758,360	1 983 572,119	20,933	20,467
2	10	99 226	90 430,947	1 888 813,759	20,887	20,421
3	11	99 205	86 311,681	1 798 382,812	20,836	20,370
4	12	99 184	82 381,041	1 712 071,131	20,782	20,316
5	13	99 165	78 630,042	1 629 690,091	20,726	20,260
6	14	99 147	75 050,972	1 551 060,048	20,667	20,201
7	15	99 127	71 632,758	1 476 009,077	20,605	20,139
8	16	99 106	68 370,182	1 404 376,319	20,541	20,075
9	17	99 084	65 255,338	1 336 006,136	20,474	20,008
10	18	99 061	62 282,135	1 270 750,799	20,403	19,937
11	19	99 033	59 441,206	1 208 468,664	20,330	19,864
12	20	99 006	56 729,761	1 149 027,458	20,254	19,788
13	21	98 979	54 143,019	1 092 297,697	20,174	19,708
14	22	98 954	51 674,347	1 038 154,678	20,090	19,624
15	23	98 924	49 316,625	986 480,332	20,003	19,537
16	24	98 888	47 063,020	937 163,707	19,913	19,447
17	25	98 846	44 909,708	890 100,687	19,820	19,354
18	26	98 799	42 852,667	845 190,979	19,723	19,257
19	27	98 741	40 885,828	802 338,312	19,624	19,158
20	28	98 679	39 006,997	761 452,484	19,521	19,055
21	29	98 610	37 212,115	722 445,487	19,414	18,948
22	30	98 540	35 499,617	685 233,372	19,303	18,837
23	31	98 466	33 864,506	649 733,755	19,186	18,720
24	32	98 390	32 303,723	615 869,249	19,065	18,599
25	33	98 308	30 813,272	583 565,526	18,939	18,473
26	34	98 226	29 391,390	552 752,254	18,807	18,341
27	35	98 141	28 034,342	523 360,864	18,669	18,203
28	36	98 049	26 738,206	495 326,522	18,525	18,059
29	37	97 953	25 500,624	468 588,316	18,376	17,910
30	38	97 852	24 319,135	443 087,691	18,220	17,754
31	39	97 738	23 189,393	418 768,557	18,059	17,593
32	40	97 613	22 109,429	395 579,163	17,892	17,426
33	41	97 478	21 077,752	373 469,735	17,719	17,253
34	42	97 335	20 092,332	352 391,983	17,539	17,073
35	43	97 176	19 149,874	332 299,651	17,353	16,887
36	44	97 002	18 248,835	313 149,777	17,160	16,694
37	45	96 817	17 388,110	294 900,942	16,960	16,494
38	46	96 619	16 565,634	277 512,831	16,752	16,286
39	47	96 395	15 777,791	260 947,198	16,539	16,073
40	48	96 152	15 024,323	245 169,406	16,318	15,852
41	49	95 877	14 302,090	230 145,084	16,092	15,626
42	50	95 577	13 610,762	215 842,994	15,858	15,392
43	51	95 246	12 948,639	202 232,231	15,618	15,152
44	52	94 880	12 313,967	189 283,592	15,371	14,905
45	53	94 477	11 705,657	176 969,625	15,118	14,652
46	54	94 026	11 121,527	165 263,968	14,860	14,394
47	55	93 539	10 562,129	154 142,441	14,594	14,128
48	56	92 997	10 024,788	143 580,312	14,323	13,857
49	57	92 402	9 509,015	133 555,524	14,045	13,579
50	58	91 744	9 013,125	124 046,509	13,763	13,297
51	59	91 018	8 536,330	115 033,384	13,476	13,010
52	60	90 229	8 078,568	106 497,054	13,183	12,717
53	61	89 345	7 636,715	98 418,486	12,888	12,422
54	62	88 402	7 213,480	90 781,771	12,585	12,119
55	63	87 375	6 806,379	83 568,291	12,278	11,812
56	64	86 266	6 415,266	76 761,912	11,966	11,499
57	65	85 053	6 038,201	70 346,646	11,650	11,184
58	66	83 735	5 675,090	64 308,444	11,332	10,866
59	67	82 303	5 325,092	58 633,355	11,011	10,545
60	68	80 751	4 987,767	53 308,263	10,688	10,222
61	69	79 124	4 665,630	48 320,495	10,357	9,891
62	70	77 380	4 355,905	43 654,865	10,022	9,556
63	71	75 510	4 057,905	39 298,960	9,685	9,219
64	72	73 526	3 772,076	35 241,055	9,343	8,877
65	73	71 432	3 498,468	31 468,979	8,995	8,529
66	74	69 245	3 237,589	27 970,510	8,639	8,173
67	75	66 948	2 988,242	24 732,922	8,277	7,811
68	76	64 492	2 748,101	21 744,680	7,913	7,447
69	77	61 905	2 518,229	18 996,579	7,544	7,078
70	78	59 145	2 296,859	16 478,350	7,174	6,708
71	79	56 195	2 083,345	14 181,491	6,807	6,341
72	80	53 019	1 876,479	12 098,146	6,447	5,981
73	81	49 650	1 677,541	10 221,667	6,093	5,627
74	82	46 119	1 487,587	8 544,126	5,744	5,278
75	83	42 443	1 306,941	7 056,538	5,399	4,933
76	84	38 617	1 135,214	5 749,597	5,065	4,599
77	85	34 666	972,835	4 614,384	4,743	4,277
78	86	30 669	821,648	3 641,549	4,432	3,966
79	87	26 650	681,604	2 819,901	4,137	3,671
80	88	22 701	554,277	2 138,298	3,858	3,392
81	89	18 917	440,944	1 584,020	3,592	3,126
82	90	15 347	341,498	1 143,077	3,347	2,881
83	91	12 099	257,013	801,579	3,119	2,653
84	92	9 220	186,976	544,565	2,912	2,446
85	93	6 777	131,195	357,589	2,726	2,260
86	94	4 783	88,396	226,394	2,561	2,095
87	95	3 219	56,796	137,998	2,430	1,964
88	96	2 096	35,303	81,202	2,300	1,834
89	97	1 305	20,987	45,900	2,187	1,721
90	98	790	12,132	24,912	2,053	1,587
91	99	451	6,606	12,781	1,935	1,469
92	100	241	3,368	6,174	1,833	1,367

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	2 080 361,388	20,885	20,418
1	10	99 253	94 752,228	1 980 748,721	20,905	20,438
2	11	99 220	90 425,589	1 885 996,493	20,857	20,391
3	12	99 197	86 305,252	1 795 570,904	20,805	20,339
4	13	99 177	82 374,523	1 709 265,653	20,750	20,284
5	14	99 157	78 623,302	1 626 891,129	20,692	20,226
6	15	99 137	75 043,096	1 548 267,827	20,632	20,166
7	16	99 114	71 623,797	1 473 224,731	20,569	20,103
8	17	99 092	68 360,535	1 401 600,935	20,503	20,037
9	18	99 069	65 245,783	1 333 240,399	20,434	19,968
10	19	99 041	62 269,452	1 267 994,616	20,363	19,897
11	20	99 014	59 429,732	1 205 725,165	20,288	19,822
12	21	98 987	56 719,257	1 146 295,433	20,210	19,744
13	22	98 963	54 134,055	1 089 576,176	20,127	19,661
14	23	98 936	51 665,405	1 035 442,121	20,041	19,575
15	24	98 903	49 305,924	983 776,717	19,953	19,486
16	25	98 871	47 055,039	934 470,793	19,859	19,393
17	26	98 827	44 901,334	887 415,754	19,764	19,298
18	27	98 779	42 844,329	842 514,419	19,665	19,199
19	28	98 720	40 876,897	799 670,090	19,563	19,097
20	29	98 654	38 997,269	758 793,192	19,458	18,992
21	30	98 584	37 202,486	719 795,924	19,348	18,882
22	31	98 511	35 489,076	682 593,438	19,234	18,768
23	32	98 435	33 853,696	647 104,362	19,115	18,649
24	33	98 355	32 292,512	613 250,666	18,990	18,524
25	34	98 273	30 802,301	580 958,154	18,861	18,395
26	35	98 187	29 379,894	550 155,853	18,726	18,260
27	36	98 101	28 023,059	520 775,959	18,584	18,118
28	37	98 003	26 725,670	492 752,900	18,437	17,971
29	38	97 908	25 488,888	466 027,230	18,284	17,818
30	39	97 795	24 304,892	440 538,341	18,126	17,659
31	40	97 680	23 175,579	416 233,449	17,960	17,494
32	41	97 546	22 094,423	393 057,870	17,790	17,324
33	42	97 404	21 061,673	370 963,447	17,613	17,147
34	43	97 254	20 075,659	349 901,774	17,429	16,963
35	44	97 088	19 132,640	329 826,115	17,239	16,773
36	45	96 903	18 230,221	310 693,475	17,043	16,577
37	46	96 709	17 368,776	292 463,254	16,838	16,372
38	47	96 496	16 544,600	275 094,479	16,627	16,161
39	48	96 257	15 755,173	258 549,879	16,410	15,944
40	49	95 998	15 000,290	242 794,706	16,186	15,720
41	50	95 703	14 276,183	227 794,416	15,956	15,490
42	51	95 388	13 583,940	213 518,233	15,718	15,252
43	52	95 036	12 920,039	199 934,293	15,475	15,009
44	53	94 647	12 283,732	187 014,254	15,225	14,759
45	54	94 219	11 673,664	174 730,522	14,968	14,502
46	55	93 743	11 088,055	163 056,858	14,706	14,240
47	56	93 229	10 527,133	151 968,803	14,436	13,970
48	57	92 660	9 988,509	141 441,670	14,160	13,694
49	58	92 033	9 471,052	131 453,161	13,879	13,413
50	59	91 339	8 973,372	121 982,108	13,594	13,128
51	60	90 578	8 495,100	113 008,737	13,303	12,837
52	61	89 742	8 035,016	104 513,637	13,007	12,541
53	62	88 845	7 593,987	96 478,621	12,705	12,239
54	63	87 865	7 169,647	88 884,634	12,397	11,931
55	64	86 800	6 761,563	81 714,987	12,085	11,619
56	65	85 637	6 368,515	74 953,424	11,769	11,303
57	66	84 371	5 989,822	68 584,909	11,450	10,984
58	67	83 003	5 625,516	62 595,086	11,127	10,661
59	68	81 505	5 273,468	56 969,571	10,803	10,337
60	69	79 926	4 936,818	51 696,103	10,472	10,006
61	70	78 240	4 613,505	46 759,284	10,135	9,669
62	71	76 437	4 302,835	42 145,779	9,795	9,329
63	72	74 499	4 003,568	37 842,944	9,452	8,986
64	73	72 466	3 717,723	33 839,376	9,102	8,636
65	74	70 326	3 444,302	30 121,653	8,745	8,279
66	75	68 060	3 182,199	26 677,351	8,383	7,917
67	76	65 671	2 931,263	23 495,152	8,015	7,549
68	77	63 085	2 688,121	20 563,889	7,650	7,184
69	78	60 391	2 456,653	17 875,768	7,276	6,810
70	79	57 483	2 232,317	15 419,115	6,907	6,441
71	80	54 345	2 014,754	13 186,798	6,545	6,079
72	81	50 983	1 804,408	11 172,043	6,192	5,726
73	82	47 462	1 603,625	9 367,636	5,842	5,376
74	83	43 797	1 412,700	7 764,011	5,496	5,030
75	84	39 978	1 231,031	6 351,311	5,159	4,693
76	85	36 022	1 058,904	5 120,280	4,835	4,369
77	86	31 989	897,711	4 061,377	4,524	4,058
78	87	27 942	748,597	3 163,666	4,226	3,760
79	88	23 953	612,632	2 415,069	3,942	3,476
80	89	20 095	490,632	1 802,436	3,674	3,208
81	90	16 441	383,216	1 311,804	3,423	2,957
82	91	13 076	290,978	928,588	3,191	2,725
83	92	10 074	214,006	637,610	2,979	2,513
84	93	7 491	151,907	423,604	2,789	2,323
85	94	5 359	103,749	271,697	2,619	2,153
86	95	3 658	67,608	167,947	2,484	2,018
87	96	2 417	42,652	100,340	2,353	1,887
88	97	1 531	25,789	57,688	2,237	1,771
89	98	944	15,173	31,899	2,102	1,636
90	99	549	8,435	16,726	1,983	1,517
91	100	302	4,423	8,292	1,875	1,409

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	2 077 337,138	20,855	20,389
1	11	99 247	94 746,614	1 977 730,917	20,874	20,408
2	12	99 213	90 418,854	1 882 984,303	20,825	20,359
3	13	99 189	86 298,424	1 792 565,449	20,772	20,306
4	14	99 168	82 367,462	1 706 267,026	20,715	20,249
5	15	99 146	78 615,052	1 623 899,564	20,656	20,190
6	16	99 124	75 033,708	1 545 284,512	20,595	20,129
7	17	99 100	71 613,690	1 470 250,804	20,530	20,064
8	18	99 077	68 350,526	1 398 637,114	20,463	19,997
9	19	99 049	65 232,496	1 330 286,588	20,393	19,927
10	20	99 022	62 257,432	1 265 054,091	20,320	19,854
11	21	98 996	59 418,727	1 202 796,659	20,243	19,777
12	22	98 971	56 709,866	1 143 377,932	20,162	19,696
13	23	98 946	54 124,687	1 086 668,065	20,077	19,611
14	24	98 915	51 654,194	1 032 543,378	19,990	19,524
15	25	98 886	49 297,563	980 889,184	19,897	19,431
16	26	98 853	47 046,265	931 591,621	19,802	19,336
17	27	98 808	44 892,598	884 545,356	19,704	19,238
18	28	98 758	42 834,971	839 652,758	19,602	19,136
19	29	98 695	40 866,703	796 817,787	19,498	19,032
20	30	98 628	38 987,177	755 951,084	19,390	18,924
21	31	98 555	37 191,439	716 963,907	19,278	18,812
22	32	98 479	35 477,748	679 772,468	19,161	18,695
23	33	98 401	33 841,947	644 294,721	19,038	18,572
24	34	98 320	32 281,015	610 452,773	18,911	18,445
25	35	98 235	30 790,254	578 171,758	18,778	18,312
26	36	98 148	29 368,069	547 381,505	18,639	18,173
27	37	98 055	28 009,920	518 013,436	18,494	18,028
28	38	97 958	26 713,370	490 003,515	18,343	17,877
29	39	97 851	25 473,961	463 290,145	18,187	17,721
30	40	97 736	24 290,413	437 816,184	18,024	17,558
31	41	97 614	23 159,850	413 525,771	17,855	17,389
32	42	97 472	22 077,568	390 365,921	17,682	17,216
33	43	97 323	21 044,196	368 288,353	17,501	17,035
34	44	97 166	20 057,592	347 244,157	17,312	16,846
35	45	96 989	19 113,124	327 186,565	17,118	16,652
36	46	96 795	18 209,950	308 073,441	16,918	16,452
37	47	96 587	17 346,722	289 863,491	16,710	16,244
38	48	96 358	16 520,882	272 516,769	16,495	16,029
39	49	96 103	15 729,972	255 995,887	16,274	15,808
40	50	95 824	14 973,118	240 265,915	16,046	15,580
41	51	95 515	14 248,049	225 292,797	15,812	15,346
42	52	95 178	13 553,936	211 044,748	15,571	15,105
43	53	94 802	12 888,316	197 490,812	15,323	14,857
44	54	94 389	12 250,159	184 602,496	15,069	14,603
45	55	93 935	11 638,530	172 352,337	14,809	14,343
46	56	93 433	11 051,316	160 713,807	14,543	14,076
47	57	92 891	10 489,036	149 662,491	14,268	13,802
48	58	92 290	9 948,632	139 173,454	13,989	13,523
49	59	91 628	9 429,280	129 224,822	13,705	13,239
50	60	90 898	8 930,030	119 795,542	13,415	12,949
51	61	90 090	8 449,302	110 865,512	13,121	12,655
52	62	89 240	7 990,060	102 416,209	12,818	12,352
53	63	88 305	7 547,841	94 426,150	12,510	12,044
54	64	87 286	7 122,439	86 878,309	12,198	11,732
55	65	86 167	6 712,289	79 755,870	11,882	11,416
56	66	84 951	6 317,490	73 043,581	11,562	11,096
57	67	83 634	5 937,499	66 726,091	11,238	10,772
58	68	82 199	5 570,980	60 788,592	10,912	10,446
59	69	80 672	5 219,601	55 217,613	10,579	10,113
60	70	79 033	4 881,663	49 998,012	10,242	9,776
61	71	77 286	4 557,296	45 116,349	9,900	9,434
62	72	75 414	4 245,218	40 559,053	9,554	9,088
63	73	73 426	3 945,880	36 313,834	9,203	8,737
64	74	71 344	3 660,162	32 367,954	8,843	8,377
65	75	69 122	3 385,376	28 707,792	8,480	8,014
66	76	66 762	3 121,522	25 322,416	8,112	7,646
67	77	64 238	2 867,285	22 200,894	7,743	7,277
68	78	61 542	2 622,391	19 333,609	7,373	6,907
69	79	58 694	2 387,621	16 711,218	6,999	6,533
70	80	55 590	2 158,822	14 323,597	6,635	6,169
71	81	52 258	1 937,372	12 164,775	6,279	5,813
72	82	48 737	1 724,901	10 227,404	5,929	5,463
73	83	45 073	1 522,896	8 502,503	5,583	5,117
74	84	41 254	1 330,648	6 979,607	5,245	4,779
75	85	37 291	1 148,280	5 648,960	4,919	4,453
76	86	33 240	977,134	4 500,680	4,606	4,140
77	87	29 145	817,898	3 523,546	4,308	3,842
78	88	25 115	672,846	2 705,648	4,021	3,555
79	89	21 203	542,287	2 032,802	3,749	3,283
80	90	17 464	426,400	1 490,515	3,496	3,030
81	91	14 009	326,524	1 064,116	3,259	2,793
82	92	10 888	242,287	737,591	3,044	2,578
83	93	8 185	173,867	495,304	2,849	2,383
84	94	5 924	120,129	321,437	2,676	2,210
85	95	4 099	79,350	201,308	2,537	2,071
86	96	2 747	50,771	121,958	2,402	1,936
87	97	1 766	31,158	71,187	2,285	1,819
88	98	1 107	18,644	40,029	2,147	1,681
89	99	656	10,549	21,385	2,027	1,561
90	100	368	5,647	10,836	1,919	1,453

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	2 074 109,464	20,824	20,358
1	12	99 240	94 739,557	1 974 509,144	20,841	20,375
2	13	99 205	90 411,700	1 879 769,588	20,791	20,325
3	14	99 181	86 291,026	1 789 357,887	20,736	20,270
4	15	99 158	82 358,819	1 703 066,861	20,679	20,213
5	16	99 134	78 605,217	1 620 708,042	20,618	20,152
6	17	99 110	75 023,121	1 542 102,826	20,555	20,089
7	18	99 086	71 603,205	1 467 079,705	20,489	20,023
8	19	99 057	68 336,607	1 395 476,500	20,421	19,955
9	20	99 030	65 219,905	1 327 139,893	20,349	19,883
10	21	99 004	62 245,904	1 261 919,988	20,273	19,807
11	22	98 980	59 408,890	1 199 674,084	20,194	19,728
12	23	98 954	56 700,053	1 140 265,194	20,110	19,644
13	24	98 924	54 112,943	1 083 565,141	20,024	19,558
14	25	98 898	51 645,435	1 029 452,198	19,933	19,467
15	26	98 868	49 288,371	977 806,763	19,838	19,372
16	27	98 834	47 037,111	928 518,392	19,740	19,274
17	28	98 787	44 882,792	881 481,281	19,640	19,174
18	29	98 733	42 824,288	836 598,489	19,536	19,070
19	30	98 670	40 856,128	793 774,201	19,429	18,963
20	31	98 599	38 975,600	752 918,073	19,318	18,852
21	32	98 523	37 179,568	713 942,473	19,203	18,737
22	33	98 445	35 465,435	676 762,905	19,082	18,616
23	34	98 366	33 829,898	641 297,470	18,957	18,491
24	35	98 282	32 268,389	607 467,572	18,825	18,359
25	36	98 195	30 777,861	575 199,183	18,689	18,223
26	37	98 102	29 354,300	544 421,322	18,547	18,081
27	38	98 010	27 997,029	515 067,022	18,397	17,931
28	39	97 901	26 697,725	487 069,992	18,244	17,778
29	40	97 792	25 458,786	460 372,267	18,083	17,617
30	41	97 670	24 273,928	434 913,481	17,917	17,451
31	42	97 539	23 142,182	410 639,553	17,744	17,278
32	43	97 391	22 059,248	387 497,371	17,566	17,100
33	44	97 235	21 025,257	365 438,123	17,381	16,915
34	45	97 067	20 037,133	344 412,866	17,189	16,723
35	46	96 881	19 091,871	324 375,733	16,990	16,524
36	47	96 672	18 186,828	305 283,862	16,786	16,320
37	48	96 448	17 321,855	287 097,034	16,574	16,108
38	49	96 204	16 494,456	269 775,180	16,356	15,889
39	50	95 929	15 701,478	253 280,724	16,131	15,665
40	51	95 635	14 943,611	237 579,246	15,898	15,432
41	52	95 304	14 216,578	222 635,635	15,660	15,194
42	53	94 944	13 520,657	208 419,057	15,415	14,949
43	54	94 543	12 853,090	194 898,400	15,164	14,698
44	55	94 104	12 213,290	182 045,310	14,906	14,440
45	56	93 624	11 599,967	169 832,019	14,641	14,175
46	57	93 095	11 011,323	158 232,052	14,370	13,904
47	58	92 520	10 447,161	147 220,729	14,092	13,626
48	59	91 883	9 904,753	136 773,568	13,809	13,343
49	60	91 185	9 383,736	126 868,814	13,520	13,054
50	61	90 408	8 881,888	117 485,078	13,227	12,761
51	62	89 586	8 402,028	108 603,189	12,926	12,460
52	63	88 698	7 941,507	100 201,162	12,617	12,151
53	64	87 724	7 498,143	92 259,655	12,304	11,838
54	65	86 650	7 070,535	84 761,512	11,988	11,522
55	66	85 477	6 658,509	77 690,977	11,668	11,202
56	67	84 209	6 262,304	71 032,468	11,343	10,877
57	68	82 823	5 879,938	64 770,164	11,015	10,549
58	69	81 359	5 514,073	58 890,226	10,680	10,214
59	70	79 771	5 161,286	53 376,153	10,342	9,876
60	71	78 070	4 822,187	48 214,866	9,999	9,533
61	72	76 252	4 496,272	43 392,679	9,651	9,185
62	73	74 327	4 184,048	38 896,406	9,296	8,830
63	74	72 289	3 884,787	34 712,359	8,935	8,469
64	75	70 124	3 597,543	30 827,572	8,569	8,103
65	76	67 804	3 320,825	27 230,029	8,200	7,734
66	77	65 305	3 053,391	23 909,204	7,830	7,364
67	78	62 667	2 797,175	20 855,813	7,456	6,990
68	79	59 813	2 548,701	18 058,638	7,085	6,619
69	80	56 762	2 309,012	15 509,937	6,717	6,251
70	81	53 455	2 075,906	13 200,924	6,359	5,893
71	82	49 955	1 852,006	11 125,018	6,007	5,541
72	83	46 283	1 638,067	9 273,012	5,661	5,195
73	84	42 455	1 434,443	7 634,946	5,323	4,857
74	85	38 480	1 241,200	6 200,503	4,996	4,530
75	86	34 411	1 059,608	4 959,303	4,680	4,214
76	87	30 285	890,259	3 899,694	4,380	3,914
77	88	26 196	735,134	3 009,435	4,094	3,628
78	89	22 231	595,587	2 274,301	3,819	3,353
79	90	18 427	471,292	1 678,714	3,562	3,096
80	91	14 880	363,319	1 207,423	3,323	2,857
81	92	11 664	271,885	844,103	3,105	2,639
82	93	8 846	196,844	572,218	2,907	2,441
83	94	6 472	137,495	375,374	2,730	2,264
84	95	4 531	91,878	237,879	2,589	2,123
85	96	3 078	59,590	146,002	2,450	1,984
86	97	2 007	37,089	86,412	2,330	1,864
87	98	1 277	22,525	49,323	2,190	1,724
88	99	770	12,963	26,798	2,067	1,601
89	100	439	7,062	13,835	1,959	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	2 070 668,560	20,791	20,325
1	13	99 232	94 732,061	1 971 075,659	20,807	20,341
2	14	99 196	90 403,950	1 876 343,598	20,755	20,289
3	15	99 170	86 281,971	1 785 939,648	20,699	20,233
4	16	99 145	82 348,515	1 699 657,676	20,640	20,174
5	17	99 120	78 594,125	1 617 309,161	20,578	20,112
6	18	99 096	75 012,136	1 538 715,036	20,513	20,047
7	19	99 065	71 588,623	1 463 702,900	20,446	19,980
8	20	99 038	68 323,416	1 392 114,276	20,375	19,909
9	21	99 012	65 207,828	1 323 790,860	20,301	19,835
10	22	98 987	62 235,599	1 258 583,032	20,223	19,757
11	23	98 962	59 398,610	1 196 347,433	20,141	19,675
12	24	98 932	56 687,750	1 136 948,823	20,056	19,590
13	25	98 908	54 103,767	1 080 261,073	19,966	19,500
14	26	98 880	51 635,805	1 026 157,306	19,873	19,407
15	27	98 849	49 278,781	974 521,501	19,776	19,310
16	28	98 812	47 026,837	925 242,721	19,675	19,209
17	29	98 762	44 871,599	878 215,883	19,572	19,106
18	30	98 708	42 813,206	833 344,285	19,465	18,999
19	31	98 640	40 843,996	790 531,079	19,355	18,889
20	32	98 568	38 963,159	749 687,083	19,241	18,775
21	33	98 489	37 166,665	710 723,924	19,123	18,657
22	34	98 410	35 452,808	673 557,259	18,999	18,533
23	35	98 327	33 816,667	638 104,451	18,870	18,404
24	36	98 242	32 255,402	604 287,784	18,734	18,268
25	37	98 149	30 763,431	572 032,382	18,595	18,129
26	38	98 057	29 340,791	541 268,952	18,448	17,982
27	39	97 953	27 980,633	511 928,161	18,296	17,830
28	40	97 843	26 681,822	483 947,528	18,138	17,672
29	41	97 726	25 441,507	457 265,707	17,973	17,507
30	42	97 595	24 255,410	431 824,200	17,803	17,337
31	43	97 458	23 122,979	407 568,790	17,626	17,160
32	44	97 304	22 039,396	384 445,811	17,444	16,978
33	45	97 136	21 003,811	362 406,415	17,254	16,788
34	46	96 959	20 014,852	341 402,604	17,057	16,591
35	47	96 758	19 067,629	321 387,752	16,855	16,389
36	48	96 534	18 160,756	302 320,123	16,647	16,181
37	49	96 294	17 294,147	284 159,366	16,431	15,965
38	50	96 029	16 464,577	266 865,219	16,208	15,742
39	51	95 739	15 670,535	250 400,642	15,979	15,513
40	52	95 424	14 910,604	234 730,107	15,742	15,276
41	53	95 070	14 181,672	219 819,503	15,500	15,034
42	54	94 684	13 483,703	205 637,831	15,251	14,785
43	55	94 259	12 814,407	192 154,128	14,995	14,529
44	56	93 793	12 172,823	179 339,721	14,733	14,267
45	57	93 285	11 557,988	167 166,898	14,463	13,997
46	58	92 723	10 967,363	155 608,909	14,188	13,722
47	59	92 112	10 401,083	144 641,546	13,906	13,440
48	60	91 440	9 856,913	134 240,463	13,619	13,153
49	61	90 693	9 333,148	124 383,550	13,327	12,861
50	62	89 902	8 832,193	115 050,401	13,026	12,560
51	63	89 042	8 350,972	106 218,208	12,719	12,253
52	64	88 114	7 889,217	97 867,236	12,405	11,939
53	65	87 085	7 443,501	89 978,020	12,088	11,622
54	66	85 956	7 013,885	82 534,518	11,767	11,301
55	67	84 730	6 600,344	75 520,634	11,442	10,976
56	68	83 393	6 201,595	68 920,289	11,113	10,647
57	69	81 977	5 819,876	62 718,695	10,777	10,311
58	70	80 450	5 452,469	56 898,819	10,435	9,969
59	71	78 799	5 098,404	51 446,350	10,091	9,625
60	72	77 025	4 757,617	46 347,946	9,742	9,276
61	73	75 153	4 431,484	41 590,330	9,385	8,919
62	74	73 176	4 119,267	37 158,846	9,021	8,555
63	75	71 052	3 818,324	33 039,578	8,653	8,187
64	76	68 786	3 528,947	29 221,254	8,280	7,814
65	77	66 325	3 248,344	25 692,308	7,909	7,443
66	78	63 708	2 978,730	22 443,963	7,535	7,069
67	79	60 906	2 718,574	19 465,233	7,160	6,694
68	80	57 843	2 464,790	16 746,660	6,794	6,328
69	81	54 581	2 220,328	14 281,870	6,432	5,966
70	82	51 100	1 984,436	12 061,542	6,078	5,612
71	83	47 440	1 758,773	10 077,106	5,730	5,264
72	84	43 595	1 542,925	8 318,333	5,391	4,925
73	85	39 601	1 338,018	6 775,408	5,064	4,598
74	86	35 509	1 145,353	5 437,390	4,747	4,281
75	87	31 352	965,401	4 292,037	4,446	3,980
76	88	27 220	800,174	3 326,636	4,157	3,691
77	89	23 188	650,723	2 526,462	3,883	3,417
78	90	19 321	517,614	1 875,739	3,624	3,158
79	91	15 701	401,570	1 358,126	3,382	2,916
80	92	12 390	302,523	956,556	3,162	2,696
81	93	9 477	220,891	654,032	2,961	2,495
82	94	6 996	155,665	433,141	2,783	2,317
83	95	4 950	105,160	277,477	2,639	2,173
84	96	3 402	68,997	172,317	2,497	2,031
85	97	2 248	43,531	103,320	2,373	1,907
86	98	1 451	26,813	59,789	2,230	1,764
87	99	888	15,661	32,976	2,106	1,640
88	100	515	8,678	17,315	1,995	1,529

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	2 067 006,502	20,756	20,290
1	14	99 223	94 723,941	1 967 421,480	20,770	20,304
2	15	99 186	90 394,463	1 872 697,539	20,717	20,251
3	16	99 158	86 271,177	1 782 303,076	20,659	20,193
4	17	99 131	82 336,896	1 696 031,899	20,599	20,133
5	18	99 105	78 582,618	1 613 695,003	20,535	20,069
6	19	99 076	74 996,860	1 535 112,385	20,469	20,003
7	20	99 046	71 574,805	1 460 115,525	20,400	19,934
8	21	99 020	68 310,765	1 388 540,720	20,327	19,861
9	22	98 995	65 197,033	1 320 229,955	20,250	19,784
10	23	98 970	62 224,829	1 255 032,922	20,169	19,703
11	24	98 941	59 385,721	1 192 808,093	20,086	19,620
12	25	98 915	56 678,137	1 133 422,372	19,998	19,532
13	26	98 889	54 093,679	1 076 744,235	19,905	19,439
14	27	98 861	51 625,758	1 022 650,556	19,809	19,343
15	28	98 827	49 268,017	971 024,798	19,709	19,243
16	29	98 787	47 015,109	921 756,781	19,606	19,140
17	30	98 736	44 859,987	874 741,672	19,499	19,033
18	31	98 678	42 800,493	829 881,685	19,390	18,924
19	32	98 609	40 830,959	787 081,192	19,277	18,811
20	33	98 534	38 949,637	746 250,233	19,159	18,693
21	34	98 454	37 153,432	707 300,596	19,037	18,571
22	35	98 372	35 438,942	670 147,164	18,910	18,444
23	36	98 288	33 803,056	634 708,222	18,777	18,311
24	37	98 196	32 240,279	600 905,166	18,638	18,172
25	38	98 104	30 749,273	568 664,887	18,494	18,028
26	39	97 999	29 323,607	537 915,615	18,344	17,878
27	40	97 894	27 963,965	508 592,008	18,187	17,721
28	41	97 776	26 663,713	480 628,043	18,026	17,560
29	42	97 651	25 422,099	453 964,331	17,857	17,391
30	43	97 514	24 235,283	428 542,232	17,683	17,217
31	44	97 371	23 102,170	404 306,949	17,501	17,035
32	45	97 204	22 016,915	381 204,780	17,314	16,848
33	46	97 028	20 980,455	359 187,865	17,120	16,654
34	47	96 836	19 989,439	338 207,409	16,919	16,453
35	48	96 619	19 040,295	318 217,971	16,713	16,247
36	49	96 379	18 131,707	299 177,675	16,500	16,034
37	50	96 119	17 262,820	281 045,969	16,280	15,814
38	51	95 840	16 432,131	263 783,149	16,053	15,587
39	52	95 528	15 635,922	247 351,018	15,819	15,353
40	53	95 189	14 873,994	231 715,096	15,579	15,113
41	54	94 810	14 142,912	216 841,102	15,332	14,866
42	55	94 399	13 443,122	202 698,190	15,078	14,612
43	56	93 946	12 771,948	189 255,068	14,818	14,352
44	57	93 453	12 128,771	176 483,120	14,551	14,085
45	58	92 913	11 511,846	164 354,349	14,277	13,811
46	59	92 314	10 918,991	152 842,503	13,998	13,532
47	60	91 667	10 350,846	141 923,513	13,711	13,245
48	61	90 947	9 803,774	131 572,667	13,421	12,955
49	62	90 186	9 280,928	121 768,892	13,120	12,654
50	63	89 356	8 778,523	112 487,964	12,814	12,348
51	64	88 455	8 295,985	103 709,440	12,501	12,035
52	65	87 472	7 831,725	95 413,455	12,183	11,717
53	66	86 387	7 383,863	87 581,730	11,861	11,395
54	67	85 205	6 952,616	80 197,867	11,535	11,069
55	68	83 909	6 536,358	73 245,251	11,206	10,740
56	69	82 541	6 138,247	66 708,894	10,868	10,402
57	70	81 061	5 754,855	60 570,647	10,525	10,059
58	71	79 470	5 386,039	54 815,792	10,177	9,711
59	72	77 744	5 030,134	49 429,753	9,827	9,361
60	73	75 915	4 689,063	44 399,619	9,469	9,003
61	74	73 989	4 362,872	39 710,556	9,102	8,636
62	75	71 924	4 048,793	35 347,684	8,730	8,264
63	76	69 697	3 745,518	31 298,891	8,356	7,890
64	77	67 285	3 451,924	27 553,373	7,982	7,516
65	78	64 703	3 168,916	24 101,449	7,606	7,140
66	79	61 918	2 895,027	20 932,533	7,231	6,765
67	80	58 901	2 629,069	18 037,506	6,861	6,395
68	81	55 622	2 370,122	15 408,437	6,501	6,035
69	82	52 176	2 122,494	13 038,315	6,143	5,677
70	83	48 527	1 884,537	10 915,820	5,792	5,326
71	84	44 685	1 656,620	9 031,284	5,452	4,986
72	85	40 664	1 439,208	7 374,663	5,124	4,658
73	86	36 543	1 234,695	5 935,456	4,807	4,341
74	87	32 352	1 043,522	4 700,761	4,505	4,039
75	88	28 179	867,712	3 657,238	4,215	3,749
76	89	24 095	708,294	2 789,526	3,938	3,472
77	90	20 152	565,531	2 081,233	3,680	3,214
78	91	16 462	441,039	1 515,701	3,437	2,971
79	92	13 074	334,373	1 074,662	3,214	2,748
80	93	10 066	245,783	740,289	3,012	2,546
81	94	7 494	174,681	494,506	2,831	2,365
82	95	5 350	119,057	319,825	2,686	2,220
83	96	3 718	78,971	200,768	2,542	2,076
84	97	2 485	50,403	121,797	2,416	1,950
85	98	1 626	31,470	71,394	2,269	1,803
86	99	1 009	18,642	39,923	2,142	1,676
87	100	594	10,485	21,281	2,030	1,564

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	2 063 114,026	20,719	20,253
1	15	99 213	94 714,001	1 963 537,541	20,731	20,265
2	16	99 173	90 383,155	1 868 823,540	20,677	20,211
3	17	99 144	86 259,004	1 778 440,385	20,617	20,151
4	18	99 117	82 324,840	1 692 181,381	20,555	20,089
5	19	99 085	78 566,615	1 609 856,540	20,490	20,024
6	20	99 057	74 982,384	1 531 289,925	20,422	19,956
7	21	99 028	71 561,552	1 456 307,541	20,350	19,884
8	22	99 003	68 299,456	1 384 745,990	20,275	19,809
9	23	98 978	65 185,750	1 316 446,534	20,195	19,729
10	24	98 949	62 211,327	1 251 260,784	20,113	19,647
11	25	98 924	59 375,651	1 189 049,456	20,026	19,560
12	26	98 897	56 667,569	1 129 673,805	19,935	19,469
13	27	98 870	54 083,154	1 073 006,236	19,840	19,374
14	28	98 839	51 614,482	1 018 923,082	19,741	19,275
15	29	98 802	49 255,730	967 308,601	19,638	19,172
16	30	98 762	47 002,942	918 052,871	19,532	19,066
17	31	98 707	44 846,666	871 049,929	19,423	18,957
18	32	98 647	42 786,832	826 203,263	19,310	18,844
19	33	98 575	40 816,789	783 416,431	19,193	18,727
20	34	98 498	38 935,769	742 599,642	19,072	18,606
21	35	98 416	37 138,900	703 663,873	18,947	18,481
22	36	98 332	35 424,678	666 524,973	18,815	18,349
23	37	98 242	33 787,208	631 100,294	18,679	18,213
24	38	98 151	32 225,441	597 313,087	18,535	18,069
25	39	98 046	30 731,264	565 087,646	18,388	17,922
26	40	97 941	29 306,139	534 356,382	18,234	17,768
27	41	97 828	27 944,985	505 050,243	18,073	17,607
28	42	97 702	26 643,372	477 105,257	17,907	17,441
29	43	97 570	25 401,003	450 461,885	17,734	17,268
30	44	97 427	24 213,472	425 060,882	17,555	17,089
31	45	97 271	23 078,605	400 847,410	17,369	16,903
32	46	97 096	21 992,433	377 768,805	17,177	16,711
33	47	96 905	20 953,816	355 776,372	16,979	16,513
34	48	96 697	19 960,783	334 822,556	16,774	16,308
35	49	96 465	19 009,839	314 861,773	16,563	16,097
36	50	96 205	18 098,862	295 851,935	16,346	15,880
37	51	95 930	17 228,800	277 753,072	16,121	15,655
38	52	95 628	16 395,836	260 524,272	15,890	15,424
39	53	95 293	15 597,531	244 128,436	15,652	15,186
40	54	94 929	14 833,341	228 530,905	15,407	14,941
41	55	94 525	14 100,347	213 697,564	15,155	14,689
42	56	94 087	13 398,580	199 597,217	14,897	14,431
43	57	93 606	12 725,728	186 198,637	14,632	14,166
44	58	93 080	12 080,350	173 472,909	14,360	13,894
45	59	92 503	11 461,072	161 392,560	14,082	13,616
46	60	91 868	10 866,252	149 931,487	13,798	13,332
47	61	91 173	10 295,044	139 065,236	13,508	13,042
48	62	90 438	9 748,921	128 770,191	13,209	12,743
49	63	89 638	9 224,532	119 021,270	12,903	12,437
50	64	88 768	8 720,722	109 796,738	12,590	12,124
51	65	87 811	8 235,530	101 076,016	12,273	11,807
52	66	86 771	7 768,976	92 840,487	11,950	11,484
53	67	85 632	7 319,361	85 071,511	11,623	11,157
54	68	84 379	6 885,214	77 752,149	11,293	10,827
55	69	83 052	6 469,590	70 866,935	10,954	10,488
56	70	81 619	6 069,669	64 397,345	10,610	10,144
57	71	80 074	5 684,741	58 327,676	10,260	9,794
58	72	78 406	5 313,918	52 642,935	9,907	9,441
59	73	76 624	4 957,653	47 329,017	9,547	9,081
60	74	74 740	4 616,463	42 371,364	9,178	8,712
61	75	72 723	4 288,231	37 754,901	8,804	8,338
62	76	70 553	3 971,593	33 466,670	8,427	7,961
63	77	68 176	3 663,768	29 495,078	8,050	7,584
64	78	65 640	3 367,518	25 831,310	7,671	7,205
65	79	62 885	3 079,869	22 463,792	7,294	6,828
66	80	59 880	2 799,713	19 383,923	6,924	6,458
67	81	56 639	2 528,092	16 584,210	6,560	6,094
68	82	53 171	2 265,688	14 056,118	6,204	5,738
69	83	49 550	2 015,645	11 790,429	5,849	5,383
70	84	45 709	1 775,079	9 774,785	5,507	5,041
71	85	41 681	1 545,261	7 999,706	5,177	4,711
72	86	37 524	1 328,070	6 454,445	4,860	4,394
73	87	33 294	1 124,921	5 126,375	4,557	4,091
74	88	29 078	937,928	4 001,454	4,266	3,800
75	89	24 943	768,077	3 063,525	3,989	3,523
76	90	20 940	615,565	2 295,448	3,729	3,263
77	91	17 171	481,868	1 679,883	3,486	3,020
78	92	13 708	367,238	1 198,015	3,262	2,796
79	93	10 622	271,659	830,777	3,058	2,592
80	94	7 961	194,365	559,118	2,877	2,411
81	95	5 732	133,601	364,753	2,730	2,264
82	96	4 018	89,408	231,152	2,585	2,119
83	97	2 716	57,690	141,744	2,457	1,991
84	98	1 797	36,439	84,055	2,307	1,841
85	99	1 130	21,880	47,616	2,176	1,710
86	100	675	12,481	25,735	2,062	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	2 058 981,747	20,680	20,214
1	16	99 201	94 702,152	1 959 415,711	20,690	20,224
2	17	99 159	90 370,402	1 864 713,559	20,634	20,168
3	18	99 130	86 246,374	1 774 343,157	20,573	20,107
4	19	99 097	82 308,076	1 688 096,783	20,509	20,043
5	20	99 066	78 551,450	1 605 788,707	20,443	19,977
6	21	99 038	74 968,500	1 527 237,257	20,372	19,906
7	22	99 012	71 549,704	1 452 268,758	20,297	19,831
8	23	98 986	68 287,637	1 380 719,053	20,219	19,753
9	24	98 957	65 171,606	1 312 431,417	20,138	19,672
10	25	98 932	62 200,778	1 247 259,811	20,052	19,586
11	26	98 906	59 364,580	1 185 059,033	19,962	19,496
12	27	98 878	56 656,543	1 125 694,453	19,869	19,403
13	28	98 848	54 071,340	1 069 037,910	19,771	19,305
14	29	98 814	51 601,609	1 014 966,569	19,669	19,203
15	30	98 777	49 242,983	963 364,960	19,563	19,097
16	31	98 733	46 988,986	914 121,977	19,454	18,988
17	32	98 676	44 832,351	867 132,991	19,342	18,876
18	33	98 612	42 771,983	822 300,640	19,225	18,759
19	34	98 540	40 802,256	779 528,657	19,105	18,639
20	35	98 460	38 920,541	738 726,401	18,980	18,514
21	36	98 376	37 123,952	699 805,860	18,851	18,385
22	37	98 286	35 408,070	662 681,908	18,716	18,250
23	38	98 196	33 771,658	627 273,838	18,574	18,108
24	39	98 094	32 206,568	593 502,180	18,428	17,962
25	40	97 988	30 712,957	561 295,612	18,276	17,810
26	41	97 874	29 286,249	530 582,655	18,117	17,651
27	42	97 753	27 923,667	501 296,406	17,952	17,486
28	43	97 621	26 621,263	473 372,739	17,782	17,316
29	44	97 483	25 378,144	446 751,476	17,604	17,138
30	45	97 327	24 188,774	421 373,332	17,420	16,954
31	46	97 163	23 052,942	397 184,558	17,229	16,763
32	47	96 973	21 964,509	374 131,616	17,033	16,567
33	48	96 766	20 923,778	352 167,108	16,831	16,365
34	49	96 543	19 928,854	331 243,330	16,621	16,155
35	50	96 290	18 975,403	311 314,476	16,406	15,940
36	51	96 015	18 063,195	292 339,072	16,184	15,718
37	52	95 718	17 190,746	274 275,877	15,955	15,489
38	53	95 394	16 355,579	257 085,131	15,718	15,252
39	54	95 033	15 554,901	240 729,552	15,476	15,010
40	55	94 644	14 788,698	225 174,651	15,226	14,760
41	56	94 211	14 053,627	210 385,953	14,970	14,504
42	57	93 746	13 350,092	196 332,326	14,706	14,240
43	58	93 233	12 674,923	182 982,234	14,437	13,971
44	59	92 670	12 027,069	170 307,311	14,160	13,694
45	60	92 056	11 405,715	158 280,242	13,877	13,411
46	61	91 373	10 807,672	146 874,527	13,590	13,124
47	62	90 663	10 237,443	136 066,855	13,291	12,825
48	63	89 888	9 689,681	125 829,413	12,986	12,520
49	64	89 048	9 163,794	116 139,732	12,674	12,208
50	65	88 121	8 657,171	106 975,939	12,357	11,891
51	66	87 107	8 169,545	98 318,768	12,035	11,569
52	67	86 013	7 701,111	90 149,223	11,706	11,240
53	68	84 802	7 248,405	82 448,112	11,375	10,909
54	69	83 517	6 814,883	75 199,707	11,035	10,569
55	70	82 124	6 397,311	68 384,824	10,690	10,224
56	71	80 625	5 995,719	61 987,513	10,339	9,873
57	72	79 002	5 608,620	55 991,794	9,983	9,517
58	73	77 276	5 237,348	50 383,174	9,620	9,154
59	74	75 438	4 880,895	45 145,826	9,249	8,783
60	75	73 461	4 537,483	40 264,931	8,874	8,408
61	76	71 337	4 206,465	35 727,449	8,493	8,027
62	77	69 013	3 884,908	31 520,984	8,114	7,648
63	78	66 509	3 574,182	27 636,076	7,732	7,266
64	79	63 795	3 272,889	24 061,894	7,352	6,886
65	80	60 814	2 978,470	20 789,004	6,980	6,514
66	81	57 580	2 692,182	17 810,535	6,616	6,150
67	82	54 143	2 416,698	15 118,353	6,256	5,790
68	83	50 494	2 151,630	12 701,655	5,903	5,437
69	84	46 672	1 898,572	10 550,025	5,557	5,091
70	85	42 636	1 655,757	8 651,452	5,225	4,759
71	86	38 462	1 425,934	6 995,696	4,906	4,440
72	87	34 188	1 209,995	5 569,762	4,603	4,137
73	88	29 925	1 011,090	4 359,768	4,312	3,846
74	89	25 739	830,231	3 348,678	4,033	3,567
75	90	21 678	667,522	2 518,447	3,773	3,307
76	91	17 842	524,500	1 850,925	3,529	3,063
77	92	14 297	401,235	1 326,425	3,306	2,840
78	93	11 137	298,360	925,190	3,101	2,635
79	94	8 400	214,828	626,830	2,918	2,452
80	95	6 088	148,656	412,002	2,772	2,306
81	96	4 304	100,330	263,346	2,625	2,159
82	97	2 935	65,314	163,016	2,496	2,030
83	98	1 963	41,706	97,703	2,343	1,877
84	99	1 249	25,335	55,996	2,210	1,744
85	100	757	14,648	30,662	2,093	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	2 054 601,234	20,638	20,172
1	17	99 187	94 688,789	1 955 047,654	20,647	20,181
2	18	99 145	90 357,170	1 860 358,865	20,589	20,123
3	19	99 109	86 228,811	1 770 001,695	20,527	20,061
4	20	99 077	82 292,188	1 683 772,884	20,461	19,995
5	21	99 048	78 536,905	1 601 480,696	20,391	19,925
6	22	99 022	74 956,088	1 522 943,792	20,318	19,852
7	23	98 994	71 537,323	1 447 987,703	20,241	19,775
8	24	98 965	68 272,819	1 376 450,381	20,161	19,695
9	25	98 940	65 160,555	1 308 177,562	20,076	19,610
10	26	98 913	62 189,180	1 243 017,007	19,988	19,522
11	27	98 887	59 353,029	1 180 827,826	19,895	19,429
12	28	98 856	56 644,168	1 121 474,797	19,799	19,333
13	29	98 824	54 057,855	1 064 830,630	19,698	19,232
14	30	98 789	51 588,256	1 010 772,774	19,593	19,127
15	31	98 747	49 228,361	959 184,519	19,484	19,018
16	32	98 701	46 973,987	909 956,157	19,371	18,905
17	33	98 641	44 816,792	862 982,170	19,256	18,790
18	34	98 577	42 756,754	818 165,378	19,135	18,669
19	35	98 501	40 786,297	775 408,624	19,011	18,545
20	36	98 420	38 904,876	734 622,327	18,883	18,417
21	37	98 330	37 106,547	695 717,450	18,749	18,283
22	38	98 241	35 391,774	658 610,903	18,609	18,143
23	39	98 139	33 751,879	623 219,129	18,465	17,999
24	40	98 035	32 187,382	589 467,250	18,314	17,848
25	41	97 921	30 692,113	557 279,868	18,157	17,691
26	42	97 800	29 263,907	526 587,755	17,994	17,528
27	43	97 672	27 900,496	497 323,848	17,825	17,359
28	44	97 533	26 597,306	469 423,352	17,649	17,183
29	45	97 383	25 352,257	442 826,046	17,467	17,001
30	46	97 219	24 161,877	417 473,789	17,278	16,812
31	47	97 040	23 023,671	393 311,912	17,083	16,617
32	48	96 834	21 933,022	370 288,241	16,883	16,417
33	49	96 611	20 890,308	348 355,219	16,675	16,209
34	50	96 368	19 892,754	327 464,911	16,462	15,996
35	51	96 100	18 938,009	307 572,157	16,241	15,775
36	52	95 803	18 023,298	288 634,148	16,015	15,548
37	53	95 483	17 148,537	270 610,850	15,780	15,314
38	54	95 133	16 310,877	253 462,313	15,539	15,073
39	55	94 747	15 508,087	237 151,435	15,292	14,826
40	56	94 330	14 739,697	221 643,349	15,037	14,571
41	57	93 871	14 002,768	206 903,651	14,776	14,310
42	58	93 372	13 296,795	192 900,883	14,507	14,041
43	59	92 822	12 619,020	179 604,089	14,233	13,767
44	60	92 222	11 968,978	166 985,069	13,951	13,485
45	61	91 560	11 344,227	155 016,091	13,665	13,199
46	62	90 862	10 747,201	143 671,864	13,368	12,902
47	63	90 112	10 175,233	132 924,663	13,064	12,598
48	64	89 296	9 625,880	122 749,429	12,752	12,286
49	65	88 399	9 097,014	113 123,550	12,435	11,969
50	66	87 415	8 587,808	104 026,536	12,113	11,647
51	67	86 346	8 098,181	95 438,728	11,785	11,319
52	68	85 179	7 626,453	87 340,547	11,452	10,986
53	69	83 936	7 174,364	79 714,094	11,111	10,645
54	70	82 584	6 738,746	72 539,730	10,765	10,299
55	71	81 123	6 319,369	65 800,984	10,413	9,947
56	72	79 545	5 915,434	59 481,615	10,055	9,589
57	73	77 863	5 527,804	53 566,181	9,690	9,224
58	74	76 080	5 156,259	48 038,377	9,317	8,851
59	75	74 147	4 797,391	42 882,118	8,939	8,473
60	76	72 060	4 450,964	38 084,727	8,557	8,091
61	77	69 780	4 114,654	33 633,763	8,174	7,708
62	78	67 325	3 789,915	29 519,109	7,789	7,323
63	79	64 640	3 473,747	25 729,194	7,407	6,941
64	80	61 695	3 165,135	22 255,448	7,031	6,565
65	81	58 478	2 864,073	19 090,312	6,665	6,199
66	82	55 043	2 573,558	16 226,240	6,305	5,839
67	83	51 417	2 295,037	13 652,682	5,949	5,483
68	84	47 561	2 026,659	11 357,645	5,604	5,138
69	85	43 535	1 770,948	9 330,985	5,269	4,803
70	86	39 344	1 527,897	7 560,037	4,948	4,482
71	87	35 043	1 299,157	6 032,140	4,643	4,177
72	88	30 729	1 087,555	4 732,983	4,352	3,886
73	89	26 489	894,992	3 645,428	4,073	3,607
74	90	22 370	721,538	2 750,436	3,812	3,346
75	91	18 471	568,771	2 028,898	3,567	3,101
76	92	14 857	436,733	1 460,127	3,343	2,877
77	93	11 616	325,980	1 023,394	3,139	2,673
78	94	8 807	235,943	697,414	2,956	2,490
79	95	6 424	164,307	461,471	2,809	2,343
80	96	4 572	111,636	297,164	2,662	2,196
81	97	3 144	73,292	185,529	2,531	2,065
82	98	2 122	47,218	112,236	2,377	1,911
83	99	1 365	28,997	65,018	2,242	1,776
84	100	836	16,961	36,021	2,124	1,658

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	2 049 963,826	20,594	20,128
1	18	99 172	94 674,925	1 950 424,293	20,601	20,135
2	19	99 125	90 338,769	1 855 749,368	20,542	20,076
3	20	99 090	86 212,167	1 765 410,599	20,478	20,012
4	21	99 059	82 276,950	1 679 198,432	20,409	19,943
5	22	99 031	78 523,902	1 596 921,482	20,337	19,871
6	23	99 005	74 943,117	1 518 397,580	20,261	19,795
7	24	98 973	71 521,800	1 443 454,462	20,182	19,716
8	25	98 948	68 261,242	1 371 932,662	20,098	19,632
9	26	98 921	65 148,405	1 303 671,420	20,011	19,545
10	27	98 894	62 177,080	1 238 523,015	19,919	19,453
11	28	98 865	59 340,065	1 176 345,935	19,824	19,358
12	29	98 831	56 630,041	1 117 005,870	19,725	19,259
13	30	98 798	54 043,866	1 060 375,829	19,621	19,155
14	31	98 759	51 572,937	1 006 331,963	19,513	19,047
15	32	98 716	49 212,648	954 759,026	19,401	18,935
16	33	98 667	46 957,685	905 546,378	19,284	18,818
17	34	98 606	44 800,836	858 588,693	19,165	18,699
18	35	98 539	42 740,031	813 787,857	19,040	18,574
19	36	98 461	40 769,882	771 047,827	18,912	18,446
20	37	98 374	38 886,636	730 277,945	18,780	18,314
21	38	98 285	37 089,470	691 391,309	18,641	18,175
22	39	98 183	35 371,046	654 301,839	18,498	18,032
23	40	98 080	33 731,773	618 930,793	18,349	17,883
24	41	97 969	32 165,537	585 199,020	18,193	17,727
25	42	97 847	30 668,699	553 033,483	18,033	17,566
26	43	97 718	29 239,624	522 364,784	17,865	17,399
27	44	97 584	27 875,387	493 125,160	17,690	17,224
28	45	97 433	26 570,175	465 249,773	17,510	17,044
29	46	97 275	25 324,067	438 679,598	17,323	16,857
30	47	97 096	24 131,198	413 355,531	17,130	16,663
31	48	96 901	22 990,666	389 224,333	16,930	16,464
32	49	96 679	21 897,938	366 233,668	16,725	16,259
33	50	96 436	20 852,467	344 335,729	16,513	16,047
34	51	96 178	19 853,552	323 483,263	16,293	15,827
35	52	95 888	18 896,179	303 629,711	16,068	15,602
36	53	95 568	17 979,045	284 733,531	15,837	15,371
37	54	95 222	17 101,668	266 754,486	15,598	15,132
38	55	94 847	16 261,787	249 652,818	15,352	14,886
39	56	94 433	15 456,702	233 391,031	15,100	14,634
40	57	93 989	14 686,356	217 934,329	14,839	14,373
41	58	93 496	13 946,865	203 247,972	14,573	14,107
42	59	92 960	13 238,148	189 301,107	14,300	13,834
43	60	92 373	12 558,070	176 062,959	14,020	13,554
44	61	91 725	11 904,453	163 504,889	13,735	13,269
45	62	91 048	11 280,755	151 600,436	13,439	12,973
46	63	90 310	10 681,895	140 319,682	13,136	12,670
47	64	89 519	10 108,235	129 637,787	12,825	12,359
48	65	88 646	9 555,733	119 529,552	12,509	12,043
49	66	87 691	9 024,127	109 973,819	12,187	11,721

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	67	86 651	8 512,790	100 949,692	11,859	11,393
51	68	85 509	8 019,674	92 436,902	11,526	11,060
52	69	84 309	7 548,551	84 417,228	11,183	10,717
53	70	82 998	7 094,210	76 868,677	10,835	10,369
54	71	81 578	6 656,644	69 774,467	10,482	10,016
55	72	80 037	6 234,750	63 117,823	10,124	9,658
56	73	78 399	5 830,197	56 883,072	9,757	9,291
57	74	76 658	5 442,218	51 052,876	9,381	8,915
58	75	74 778	5 068,044	45 610,658	9,000	8,534
59	76	72 733	4 705,917	40 542,614	8,615	8,149
60	77	70 487	4 353,817	35 836,697	8,231	7,765
61	78	68 073	4 014,043	31 482,881	7,843	7,377
62	79	65 434	3 683,417	27 468,838	7,457	6,991
63	80	62 512	3 359,379	23 785,420	7,080	6,614
64	81	59 325	3 043,569	20 426,041	6,711	6,245
65	82	55 902	2 737,874	17 382,472	6,349	5,883
66	83	52 272	2 444,001	14 644,598	5,992	5,526
67	84	48 431	2 161,737	12 200,597	5,644	5,178
68	85	44 364	1 890,425	10 038,860	5,310	4,844
69	86	40 173	1 634,193	8 148,434	4,986	4,520
70	87	35 846	1 392,055	6 514,241	4,680	4,214
71	88	31 497	1 167,695	5 122,186	4,387	3,921
72	89	27 200	962,677	3 954,490	4,108	3,642
73	90	23 021	777,821	2 991,814	3,846	3,380
74	91	19 060	614,796	2 213,993	3,601	3,135
75	92	15 380	473,595	1 599,197	3,377	2,911
76	93	12 070	354,820	1 125,601	3,172	2,706
77	94	9 186	257,785	770,781	2,990	2,524
78	95	6 736	180,456	512,996	2,843	2,377
79	96	4 824	123,389	332,540	2,695	2,229
80	97	3 340	81,551	209,151	2,565	2,099
81	98	2 273	52,986	127,600	2,408	1,942
82	99	1 475	32,829	74,613	2,273	1,807
83	100	914	19,413	41,784	2,152	1,686

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	2 045 060,061	20,548	20,082
1	19	99 152	94 655,645	1 945 535,103	20,554	20,088
2	20	99 106	90 321,332	1 850 879,458	20,492	20,026
3	21	99 072	86 196,203	1 760 558,126	20,425	19,959
4	22	99 043	82 263,329	1 674 361,923	20,354	19,888
5	23	99 014	78 510,314	1 592 098,594	20,279	19,813
6	24	98 983	74 926,856	1 513 588,280	20,201	19,735
7	25	98 956	71 509,672	1 438 661,425	20,118	19,652
8	26	98 929	68 248,514	1 367 151,752	20,032	19,566
9	27	98 902	65 135,729	1 298 903,238	19,941	19,475
10	28	98 873	62 163,499	1 233 767,509	19,847	19,381
11	29	98 840	59 325,266	1 171 604,011	19,749	19,283
12	30	98 806	56 615,386	1 112 278,745	19,646	19,180
13	31	98 769	54 027,819	1 055 663,359	19,539	19,073
14	32	98 728	51 556,476	1 001 635,540	19,428	18,962
15	33	98 682	49 195,569	950 079,064	19,312	18,846
16	34	98 632	46 940,966	900 883,496	19,192	18,726
17	35	98 568	44 783,313	853 942,530	19,068	18,602
18	36	98 499	42 722,829	809 159,217	18,940	18,474
19	37	98 415	40 750,767	766 436,388	18,808	18,342
20	38	98 329	38 868,739	725 685,621	18,670	18,204
21	39	98 227	37 067,748	686 816,882	18,529	18,063
22	40	98 125	35 349,976	649 749,134	18,380	17,914
23	41	98 014	33 708,879	614 399,158	18,227	17,761
24	42	97 894	32 140,999	580 690,279	18,067	17,601
25	43	97 765	30 643,250	548 549,280	17,901	17,435
26	44	97 631	29 213,310	517 906,030	17,728	17,262
27	45	97 485	27 846,953	488 692,720	17,549	17,083
28	46	97 325	26 540,630	460 845,767	17,364	16,898
29	47	97 151	25 291,912	434 305,136	17,172	16,706
30	48	96 956	24 096,605	409 013,224	16,974	16,508
31	49	96 746	22 953,890	384 916,620	16,769	16,303
32	50	96 504	21 858,271	361 962,729	16,560	16,094
33	51	96 246	20 811,373	340 104,458	16,342	15,876
34	52	95 965	19 809,700	319 293,085	16,118	15,652
35	53	95 653	18 849,784	299 483,385	15,888	15,422
36	54	95 307	17 929,906	280 633,601	15,652	15,186
37	55	94 935	17 050,198	262 703,695	15,408	14,942
38	56	94 532	16 207,906	245 653,497	15,156	14,690
39	57	94 091	15 400,766	229 445,591	14,898	14,432
40	58	93 613	14 627,724	214 044,825	14,633	14,167
41	59	93 083	13 885,352	199 417,101	14,362	13,896
42	60	92 511	13 174,208	185 531,749	14,083	13,617
43	61	91 875	12 490,369	172 357,541	13,799	13,333
44	62	91 212	11 837,846	159 867,172	13,505	13,039
45	63	90 495	11 212,206	148 029,326	13,203	12,737
46	64	89 715	10 611,561	136 817,121	12,893	12,427
47	65	88 867	10 034,573	126 205,560	12,577	12,111
48	66	87 935	9 479,171	116 170,987	12,255	11,789
49	67	86 925	8 945,297	106 691,816	11,927	11,461
50	68	85 811	8 430,264	97 746,519	11,595	11,129
51	69	84 636	7 937,754	89 316,255	11,252	10,786
52	70	83 367	7 464,217	81 378,501	10,902	10,436
53	71	81 987	7 007,778	73 914,284	10,547	10,081
54	72	80 486	6 567,509	66 906,506	10,188	9,721
55	73	78 884	6 144,912	60 338,996	9,819	9,353
56	74	77 185	5 739,929	54 194,085	9,442	8,976
57	75	75 346	5 349,110	48 454,155	9,058	8,592
58	76	73 352	4 971,409	43 105,045	8,671	8,205
59	77	71 146	4 603,205	38 133,637	8,284	7,818
60	78	68 764	4 247,358	33 530,432	7,894	7,428
61	79	66 161	3 901,247	29 283,074	7,506	7,040
62	80	63 279	3 562,147	25 381,826	7,125	6,659
63	81	60 111	3 230,353	21 819,679	6,755	6,289
64	82	56 711	2 909,461	18 589,327	6,389	5,923
65	83	53 088	2 600,045	15 679,866	6,031	5,565
66	84	49 236	2 302,048	13 079,820	5,682	5,216
67	85	45 175	2 016,423	10 777,772	5,345	4,879
68	86	40 938	1 744,444	8 761,348	5,022	4,556
69	87	36 601	1 488,901	7 016,904	4,713	4,247
70	88	32 219	1 251,193	5 528,003	4,418	3,952
71	89	27 880	1 033,615	4 276,810	4,138	3,672
72	90	23 639	836,645	3 243,195	3,876	3,410
73	91	19 615	662,753	2 406,551	3,631	3,165
74	92	15 871	511,919	1 743,798	3,406	2,940
75	93	12 495	384,769	1 231,879	3,202	2,736
76	94	9 545	280,592	847,110	3,019	2,553
77	95	7 026	197,161	566,518	2,873	2,407
78	96	5 058	135,516	369,356	2,726	2,260
79	97	3 524	90,137	233,840	2,594	2,128
80	98	2 415	58,957	143,703	2,437	1,971
81	99	1 580	36,840	84,746	2,300	1,834
82	100	988	21,978	47,906	2,180	1,714

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	2 039 878,938	20,500	20,034
1	20	99 133	94 637,375	1 940 374,247	20,503	20,037
2	21	99 087	90 304,607	1 845 736,872	20,439	19,973
3	22	99 055	86 181,932	1 755 432,265	20,369	19,903
4	23	99 026	82 249,093	1 669 250,333	20,295	19,829
5	24	98 993	78 493,278	1 587 001,240	20,218	19,752
6	25	98 966	74 914,151	1 508 507,961	20,136	19,670
7	26	98 938	71 496,338	1 433 593,811	20,051	19,585
8	27	98 910	68 235,235	1 362 097,472	19,962	19,496
9	28	98 881	65 121,502	1 293 862,238	19,868	19,402
10	29	98 848	62 147,995	1 228 740,736	19,771	19,305
11	30	98 815	59 309,913	1 166 592,741	19,669	19,203
12	31	98 777	56 598,575	1 107 282,827	19,564	19,098
13	32	98 737	54 010,573	1 050 684,252	19,453	18,987
14	33	98 694	51 538,583	996 673,679	19,338	18,872
15	34	98 647	49 178,053	945 135,096	19,219	18,753
16	35	98 593	46 922,606	895 957,043	19,094	18,628
17	36	98 528	44 765,289	849 034,436	18,966	18,500
18	37	98 453	42 702,798	804 269,148	18,834	18,368
19	38	98 370	40 732,012	761 566,349	18,697	18,231
20	39	98 271	38 845,975	720 834,337	18,556	18,090
21	40	98 168	37 045,667	681 988,362	18,409	17,943
22	41	98 058	35 325,984	644 942,695	18,257	17,791
23	42	97 939	33 683,164	609 616,711	18,099	17,633
24	43	97 813	32 114,328	575 933,547	17,934	17,468
25	44	97 678	30 615,673	543 819,219	17,763	17,297
26	45	97 531	29 183,511	513 203,546	17,585	17,119
27	46	97 376	27 815,989	484 020,035	17,401	16,935
28	47	97 201	26 506,931	456 204,046	17,211	16,745
29	48	97 012	25 255,655	429 697,115	17,014	16,548
30	49	96 801	24 058,060	404 441,460	16,811	16,345
31	50	96 570	22 912,311	380 383,400	16,602	16,136
32	51	96 314	21 815,196	357 471,089	16,386	15,920
33	52	96 034	20 765,406	335 655,894	16,164	15,698
34	53	95 730	19 761,061	314 890,488	15,935	15,469
35	54	95 391	18 798,264	295 129,426	15,700	15,234
36	55	95 020	17 875,943	276 331,162	15,458	14,992
37	56	94 621	16 993,704	258 455,219	15,209	14,743
38	57	94 190	16 149,251	241 461,515	14,952	14,486
39	58	93 716	15 339,282	225 312,263	14,689	14,223
40	59	93 201	14 563,208	209 972,981	14,418	13,952
41	60	92 634	13 818,286	195 409,774	14,141	13,675
42	61	92 012	13 103,186	181 591,488	13,859	13,393
43	62	91 361	12 420,484	168 488,302	13,565	13,099
44	63	90 657	11 765,912	156 067,818	13,264	12,798
45	64	89 899	11 138,380	144 301,907	12,955	12,489
46	65	89 061	10 534,230	133 163,527	12,641	12,175
47	66	88 155	9 954,175	122 629,296	12,319	11,853
48	67	87 167	9 396,366	112 675,122	11,991	11,525
49	68	86 082	8 858,578	103 278,756	11,659	11,193
50	69	84 934	8 344,150	94 420,178	11,316	10,850
51	70	83 690	7 849,072	86 076,027	10,966	10,500
52	71	82 351	7 373,276	78 226,955	10,610	10,144
53	72	80 889	6 913,941	70 853,679	10,248	9,782
54	73	79 326	6 472,876	63 939,737	9,878	9,412
55	74	77 662	6 049,772	57 466,861	9,499	9,033
56	75	75 864	5 641,728	51 417,090	9,114	8,648
57	76	73 910	5 247,116	45 775,362	8,724	8,258
58	77	71 751	4 862,902	40 528,246	8,334	7,868
59	78	69 406	4 490,648	35 665,343	7,942	7,476
60	79	66 832	4 128,006	31 174,696	7,552	7,086
61	80	63 982	3 772,805	27 046,690	7,169	6,703
62	81	60 849	3 425,332	23 273,884	6,795	6,329
63	82	57 462	3 088,015	19 848,552	6,428	5,962
64	83	53 856	2 762,994	16 760,537	6,066	5,600
65	84	50 004	2 449,030	13 997,542	5,716	5,250
66	85	45 926	2 147,303	11 548,513	5,378	4,912
67	86	41 687	1 860,712	9 401,210	5,052	4,586
68	87	37 299	1 589,350	7 540,498	4,744	4,278
69	88	32 897	1 338,239	5 951,148	4,447	3,981
70	89	28 519	1 107,525	4 612,909	4,165	3,699
71	90	24 230	898,296	3 505,384	3,902	3,436
72	91	20 142	712,874	2 607,088	3,657	3,191
73	92	16 333	551,851	1 894,214	3,432	2,966
74	93	12 894	415,905	1 342,363	3,228	2,762
75	94	9 881	304,276	926,459	3,045	2,579
76	95	7 300	214,605	622,183	2,899	2,433
77	96	5 276	148,062	407,578	2,753	2,287
78	97	3 695	98,997	259,517	2,621	2,155
79	98	2 548	65,164	160,520	2,463	1,997
80	99	1 679	40,991	95,356	2,326	1,860
81	100	1 058	24,663	54,365	2,204	1,738

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	2 034 414,397	20,449	19,983
1	21	99 114	94 619,851	1 934 928,913	20,450	19,983
2	22	99 071	90 289,657	1 840 309,062	20,382	19,916
3	23	99 038	86 167,019	1 750 019,406	20,310	19,844
4	24	99 004	82 231,246	1 663 852,387	20,234	19,768
5	25	98 976	78 479,968	1 581 621,140	20,153	19,687
6	26	98 948	74 900,182	1 503 141,172	20,069	19,603
7	27	98 918	71 482,427	1 428 240,990	19,980	19,514
8	28	98 889	68 220,330	1 356 758,563	19,888	19,422
9	29	98 856	65 105,261	1 288 538,233	19,792	19,326
10	30	98 822	62 131,913	1 223 432,972	19,691	19,225
11	31	98 785	59 292,302	1 161 301,059	19,586	19,120
12	32	98 745	56 580,509	1 102 008,757	19,477	19,011
13	33	98 703	53 991,829	1 045 428,248	19,363	18,897
14	34	98 658	51 520,233	991 436,419	19,244	18,778
15	35	98 608	49 158,819	939 916,186	19,120	18,654
16	36	98 553	46 903,721	890 757,367	18,991	18,525
17	37	98 482	44 744,301	843 853,646	18,859	18,393
18	38	98 408	42 683,145	799 109,346	18,722	18,256
19	39	98 312	40 708,157	756 426,200	18,582	18,116
20	40	98 213	38 822,835	715 718,043	18,435	17,969
21	41	98 102	37 020,524	676 895,209	18,284	17,818
22	42	97 983	35 299,035	639 874,685	18,127	17,661
23	43	97 858	33 655,214	604 575,650	17,964	17,498
24	44	97 725	32 085,427	570 920,436	17,794	17,328
25	45	97 578	30 584,444	538 835,009	17,618	17,152
26	46	97 422	29 151,061	508 250,565	17,435	16,969
27	47	97 253	27 780,670	479 099,505	17,246	16,780
28	48	97 062	26 468,932	451 318,835	17,051	16,585
29	49	96 857	25 215,256	424 849,902	16,849	16,383
30	50	96 626	24 014,480	399 634,646	16,641	16,175
31	51	96 380	22 867,158	375 620,166	16,426	15,960
32	52	96 101	21 767,011	352 753,008	16,206	15,740
33	53	95 798	20 714,420	330 985,997	15,979	15,513
34	54	95 468	19 707,052	310 271,576	15,744	15,278
35	55	95 104	18 741,689	290 564,525	15,504	15,038
36	56	94 705	17 816,713	271 822,836	15,257	14,791
37	57	94 279	16 932,206	254 006,123	15,001	14,535
38	58	93 814	16 084,779	237 073,917	14,739	14,273
39	59	93 302	15 271,627	220 989,138	14,471	14,005
40	60	92 750	14 492,867	205 717,511	14,194	13,728
41	61	92 134	13 743,791	191 224,643	13,914	13,448
42	62	91 498	13 029,872	177 480,853	13,621	13,155
43	63	90 806	12 345,009	164 450,981	13,321	12,855
44	64	90 060	11 688,440	152 105,971	13,013	12,547
45	65	89 244	11 057,210	140 417,531	12,699	12,233
46	66	88 348	10 449,829	129 360,321	12,379	11,913
47	67	87 384	9 867,221	118 910,492	12,051	11,585
48	68	86 322	9 305,274	109 043,272	11,718	11,252
49	69	85 203	8 768,090	99 737,998	11,375	10,909
50	70	83 986	8 250,928	90 969,908	11,025	10,559
51	71	82 670	7 753,443	82 718,980	10,669	10,203
52	72	81 249	7 274,546	74 965,537	10,305	9,839
53	73	79 723	6 814,316	67 690,992	9,934	9,468
54	74	78 098	6 372,658	60 876,676	9,553	9,087
55	75	76 334	5 946,270	54 504,018	9,166	8,700
56	76	74 418	5 534,154	48 557,748	8,774	8,308
57	77	72 296	5 132,592	43 023,594	8,382	7,916
58	78	69 997	4 743,995	37 891,002	7,987	7,521
59	79	67 456	4 364,460	33 147,007	7,595	7,129
60	80	64 631	3 992,099	28 782,547	7,210	6,744
61	81	61 525	3 627,900	24 790,449	6,833	6,367
62	82	58 168	3 274,403	21 162,549	6,463	5,997
63	83	54 570	2 932,559	17 888,146	6,100	5,634
64	84	50 728	2 602,514	14 955,586	5,747	5,281
65	85	46 643	2 284,404	12 353,072	5,408	4,942
66	86	42 380	1 981,485	10 068,668	5,081	4,615
67	87	37 981	1 695,281	8 087,183	4,770	4,304
68	88	33 524	1 428,523	6 391,902	4,474	4,008
69	89	29 120	1 184,576	4 963,379	4,190	3,724
70	90	24 785	962,530	3 778,803	3,926	3,460
71	91	20 646	765,405	2 816,273	3,679	3,213
72	92	16 772	593,585	2 050,869	3,455	2,989
73	93	13 270	448,347	1 457,283	3,250	2,784
74	94	10 197	328,898	1 008,937	3,068	2,602
75	95	7 558	232,718	680,039	2,922	2,456
76	96	5 482	161,161	447,320	2,776	2,310
77	97	3 854	108,161	286,159	2,646	2,180
78	98	2 671	71,569	177,998	2,487	2,021
79	99	1 771	45,307	106,429	2,349	1,883
80	100	1 124	27,442	61,122	2,227	1,761

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	2 028 653,047	20,395	19,929
1	22	99 098	94 604,186	1 929 185,984	20,392	19,926
2	23	99 054	90 274,032	1 834 581,798	20,322	19,856
3	24	99 017	86 148,322	1 744 307,766	20,248	19,782
4	25	98 987	82 217,302	1 658 159,444	20,168	19,702
5	26	98 957	78 465,335	1 575 942,142	20,085	19,619
6	27	98 929	74 885,608	1 497 476,807	19,997	19,531
7	28	98 897	71 466,813	1 422 591,198	19,906	19,440
8	29	98 864	68 203,317	1 351 124,385	19,810	19,344
9	30	98 830	65 088,413	1 282 921,068	19,710	19,244
10	31	98 793	62 113,464	1 217 832,656	19,607	19,141
11	32	98 754	59 273,377	1 155 719,192	19,498	19,032
12	33	98 711	56 560,873	1 096 445,816	19,385	18,919
13	34	98 668	53 972,606	1 039 884,943	19,267	18,801
14	35	98 620	51 500,083	985 912,337	19,144	18,678
15	36	98 568	49 139,033	934 412,254	19,016	18,550
16	37	98 507	46 881,730	885 273,221	18,883	18,417
17	38	98 437	44 723,708	838 391,491	18,746	18,280
18	39	98 350	42 658,148	793 667,783	18,605	18,139
19	40	98 254	40 683,907	751 009,635	18,460	17,994
20	41	98 146	38 796,486	710 325,728	18,309	17,843
21	42	98 027	36 992,282	671 529,243	18,153	17,687
22	43	97 902	35 269,743	634 536,960	17,991	17,525
23	44	97 770	33 624,926	599 267,217	17,822	17,356
24	45	97 625	32 052,699	565 642,291	17,647	17,181
25	46	97 469	30 550,435	533 589,592	17,466	17,000
26	47	97 299	29 114,047	503 039,157	17,278	16,812
27	48	97 113	27 740,845	473 925,110	17,084	16,618
28	49	96 907	26 426,593	446 184,265	16,884	16,418
29	50	96 681	25 169,580	419 757,672	16,677	16,211
30	51	96 436	23 967,156	394 588,091	16,464	15,998
31	52	96 167	22 816,650	370 620,936	16,243	15,777
32	53	95 865	21 713,566	347 804,286	16,018	15,552
33	54	95 536	20 657,805	326 090,720	15,785	15,319
34	55	95 181	19 647,741	305 432,915	15,545	15,079
35	56	94 789	18 679,590	285 785,174	15,299	14,833
36	57	94 362	17 752,237	267 105,584	15,046	14,580
37	58	93 902	16 864,608	249 353,347	14,786	14,320
38	59	93 400	16 013,836	232 488,740	14,518	14,052
39	60	92 852	15 197,865	216 474,904	14,244	13,778
40	61	92 250	14 414,736	201 277,038	13,963	13,497
41	62	91 619	13 666,893	186 862,302	13,673	13,207
42	63	90 942	12 950,694	173 195,409	13,373	12,907
43	64	90 208	12 263,725	160 244,715	13,067	12,601
44	65	89 404	11 603,262	147 980,991	12,753	12,287
45	66	88 529	10 968,618	136 377,728	12,433	11,967
46	67	87 576	10 358,545	125 409,110	12,107	11,641
47	68	86 537	9 771,564	115 050,565	11,774	11,308
48	69	85 440	9 210,222	105 279,001	11,431	10,965
49	70	84 251	8 670,131	96 068,779	11,080	10,614
50	71	82 962	8 150,402	87 398,648	10,723	10,257
51	72	81 563	7 649,622	79 248,246	10,360	9,894
52	73	80 078	7 169,724	71 598,624	9,986	9,520
53	74	78 489	6 708,811	64 428,900	9,604	9,138
54	75	76 762	6 263,632	57 720,088	9,215	8,749
55	76	74 878	5 832,889	51 456,456	8,822	8,356
56	77	72 794	5 413,365	45 623,567	8,428	7,962
57	78	70 529	5 007,090	40 210,202	8,031	7,565
58	79	68 030	4 610,688	35 203,111	7,635	7,169
59	80	65 235	4 220,767	30 592,424	7,248	6,782
60	81	62 149	3 838,770	26 371,656	6,870	6,404
61	82	58 814	3 468,045	22 532,886	6,497	6,031
62	83	55 239	3 109,565	19 064,841	6,131	5,665
63	84	51 400	2 762,231	15 955,276	5,776	5,310
64	85	47 318	2 427,571	13 193,046	5,435	4,969
65	86	43 041	2 107,999	10 765,475	5,107	4,641
66	87	38 612	1 805,316	8 657,476	4,796	4,330
67	88	34 137	1 523,735	6 852,160	4,497	4,031
68	89	29 675	1 264,493	5 328,425	4,214	3,748
69	90	25 308	1 029,493	4 063,931	3,948	3,481
70	91	21 119	820,136	3 034,438	3,700	3,234
71	92	17 191	637,326	2 214,302	3,474	3,008
72	93	13 626	482,253	1 576,976	3,270	2,804
73	94	10 494	354,553	1 094,723	3,088	2,622
74	95	7 799	251,550	740,170	2,942	2,476
75	96	5 675	174,764	488,620	2,796	2,330
76	97	4 005	117,730	313,856	2,666	2,200
77	98	2 786	78,194	196,125	2,508	2,042
78	99	1 857	49,760	117,931	2,370	1,904
79	100	1 186	30,332	68,171	2,248	1,782

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	2 022 581,181	20,338	19,872
1	23	99 081	94 587,815	1 923 130,586	20,332	19,866
2	24	99 032	90 254,444	1 828 542,771	20,260	19,794
3	25	99 000	86 133,714	1 738 288,327	20,181	19,715
4	26	98 969	82 201,972	1 652 154,614	20,099	19,633
5	27	98 938	78 450,068	1 569 952,641	20,012	19,546
6	28	98 907	74 869,251	1 491 502,574	19,921	19,455
7	29	98 872	71 448,990	1 416 633,322	19,827	19,361
8	30	98 838	68 185,667	1 345 184,332	19,728	19,262
9	31	98 801	65 069,086	1 276 998,666	19,625	19,159
10	32	98 761	62 093,637	1 211 929,580	19,518	19,052
11	33	98 720	59 252,806	1 149 835,943	19,406	18,940
12	34	98 676	56 540,735	1 090 583,137	19,288	18,822
13	35	98 629	53 951,496	1 034 042,402	19,166	18,700
14	36	98 580	51 479,355	980 090,906	19,039	18,573
15	37	98 522	49 115,994	928 611,551	18,907	18,440
16	38	98 462	46 860,154	879 495,557	18,769	18,303
17	39	98 379	44 697,515	832 635,403	18,628	18,162
18	40	98 291	42 632,736	787 937,888	18,482	18,016
19	41	98 187	40 656,295	745 305,152	18,332	17,866
20	42	98 071	38 766,889	704 648,856	18,177	17,711
21	43	97 946	36 961,586	665 881,967	18,016	17,550
22	44	97 814	35 238,003	628 920,381	17,848	17,382
23	45	97 670	33 590,627	593 682,378	17,674	17,208
24	46	97 517	32 017,058	560 091,751	17,494	17,028
25	47	97 346	30 511,644	528 074,693	17,307	16,841
26	48	97 159	29 072,310	497 563,049	17,115	16,649
27	49	96 958	27 696,472	468 490,738	16,915	16,449
28	50	96 731	26 378,723	440 794,267	16,710	16,244
29	51	96 491	25 119,979	414 415,544	16,497	16,031
30	52	96 223	23 914,218	389 295,565	16,279	15,813
31	53	95 931	22 760,628	365 381,347	16,053	15,587
32	54	95 603	21 654,220	342 620,719	15,822	15,356
33	55	95 249	20 595,632	320 966,499	15,584	15,118
34	56	94 866	19 582,640	300 370,867	15,339	14,873
35	57	94 446	18 611,991	280 788,227	15,086	14,620
36	58	93 986	17 681,365	262 176,236	14,828	14,362
37	59	93 488	16 790,225	244 494,871	14,562	14,096
38	60	92 949	15 936,489	227 704,646	14,288	13,822
39	61	92 351	15 115,933	211 768,157	14,010	13,544
40	62	91 734	14 334,084	196 652,223	13,719	13,253
41	63	91 062	13 583,844	182 318,139	13,422	12,956
42	64	90 343	12 865,421	168 734,295	13,115	12,649
43	65	89 551	12 174,355	155 868,874	12,803	12,337
44	66	88 688	11 510,295	143 694,519	12,484	12,018
45	67	87 755	10 872,803	132 184,224	12,157	11,691
46	68	86 727	10 258,125	121 311,421	11,826	11,360
47	69	85 653	9 671,749	111 053,296	11,482	11,016
48	70	84 486	9 107,324	101 381,547	11,132	10,666
49	71	83 224	8 564,498	92 274,223	10,774	10,308
50	72	81 851	8 041,266	83 709,725	10,410	9,944
51	73	80 388	7 539,396	75 668,459	10,036	9,570
52	74	78 838	7 058,717	68 129,063	9,652	9,186
53	75	77 146	6 594,034	61 070,346	9,261	8,795
54	76	75 298	6 144,200	54 476,312	8,866	8,400
55	77	73 244	5 705,580	48 332,112	8,471	8,005
56	78	71 014	5 280,998	42 626,532	8,072	7,606
57	79	68 547	4 866,390	37 345,533	7,674	7,208
58	80	65 790	4 458,889	32 479,144	7,284	6,818
59	81	62 729	4 058,656	28 020,255	6,904	6,438
60	82	59 411	3 669,624	23 961,599	6,530	6,064
61	83	55 853	3 293,458	20 291,975	6,161	5,695
62	84	52 031	2 928,955	16 998,516	5,804	5,338
63	85	47 945	2 576,551	14 069,561	5,461	4,995
64	86	43 664	2 240,111	11 493,010	5,131	4,665
65	87	39 214	1 920,582	9 252,899	4,818	4,352
66	88	34 705	1 622,636	7 332,318	4,519	4,053
67	89	30 218	1 348,772	5 709,682	4,233	3,767
68	90	25 790	1 098,948	4 360,909	3,968	3,502
69	91	21 564	877,193	3 261,961	3,719	3,253
70	92	17 585	682,899	2 384,768	3,492	3,026
71	93	13 967	517,790	1 701,870	3,287	2,821
72	94	10 775	381,367	1 184,080	3,105	2,639
73	95	8 026	271,172	802,713	2,960	2,494
74	96	5 857	188,906	531,541	2,814	2,348
75	97	4 146	127,667	342,635	2,684	2,218
76	98	2 895	85,113	214,968	2,526	2,060
77	99	1 937	54,366	129,855	2,389	1,923
78	100	1 243	33,313	75,489	2,266	1,800

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	2 016 183,243	20,277	19,811
1	24	99 059	94 567,291	1 916 749,858	20,269	19,803
2	25	99 015	90 239,140	1 822 182,567	20,193	19,727
3	26	98 982	86 117,653	1 731 943,427	20,111	19,645
4	27	98 950	82 185,978	1 645 825,774	20,026	19,560
5	28	98 916	78 432,932	1 563 639,796	19,936	19,470
6	29	98 882	74 850,579	1 485 206,864	19,842	19,376
7	30	98 847	71 430,500	1 410 356,285	19,744	19,278
8	31	98 809	68 165,420	1 338 925,785	19,642	19,176
9	32	98 769	65 048,316	1 270 760,364	19,536	19,070
10	33	98 727	62 072,088	1 205 712,048	19,424	18,958
11	34	98 684	59 231,709	1 143 639,960	19,308	18,842
12	35	98 637	56 518,621	1 084 408,251	19,187	18,721
13	36	98 590	53 929,781	1 027 889,631	19,060	18,594
14	37	98 534	51 455,219	973 959,849	18,928	18,462
15	38	98 477	49 093,390	922 504,630	18,791	18,325
16	39	98 404	46 832,710	873 411,240	18,650	18,184
17	40	98 320	44 670,889	826 578,531	18,504	18,038
18	41	98 225	42 603,801	781 907,642	18,353	17,887
19	42	98 112	40 625,280	739 303,840	18,198	17,732
20	43	97 990	38 734,720	698 678,560	18,038	17,572
21	44	97 858	36 928,323	659 943,840	17,871	17,405
22	45	97 714	35 202,059	623 015,517	17,698	17,232
23	46	97 561	33 553,276	587 813,459	17,519	17,053
24	47	97 393	31 976,405	554 260,182	17,333	16,867
25	48	97 206	30 467,904	522 283,778	17,142	16,676
26	49	97 004	29 025,807	491 815,873	16,944	16,478
27	50	96 782	27 646,301	462 790,066	16,740	16,274
28	51	96 541	26 326,739	435 143,765	16,529	16,063
29	52	96 278	25 064,495	408 817,026	16,311	15,845
30	53	95 986	23 855,501	383 752,531	16,087	15,621
31	54	95 669	22 698,420	359 897,030	15,856	15,390
32	55	95 315	21 589,049	337 198,610	15,619	15,153
33	56	94 933	20 527,391	315 609,562	15,375	14,909
34	57	94 522	19 511,773	295 082,171	15,123	14,657
35	58	94 069	18 537,686	275 570,398	14,865	14,399
36	59	93 571	17 603,380	257 032,711	14,601	14,135
37	60	93 036	16 709,129	239 429,331	14,329	13,863
38	61	92 448	15 850,575	222 720,203	14,051	13,585
39	62	91 834	15 031,358	206 869,628	13,763	13,297
40	63	91 177	14 246,981	191 838,269	13,465	12,999
41	64	90 463	13 494,403	177 591,288	13,160	12,694
42	65	89 684	12 771,667	164 096,886	12,849	12,383
43	66	88 833	12 076,812	151 325,219	12,530	12,064
44	67	87 913	11 409,748	139 248,408	12,204	11,738
45	68	86 904	10 767,397	127 838,660	11,873	11,407
46	69	85 841	10 153,340	117 071,262	11,530	11,064
47	70	84 696	9 563,695	106 917,922	11,180	10,714
48	71	83 457	8 996,365	97 354,227	10,822	10,355
49	72	82 110	8 449,816	88 357,862	10,457	9,991
50	73	80 672	7 925,396	79 908,046	10,083	9,617
51	74	79 144	7 422,665	71 982,650	9,698	9,232
52	75	77 489	6 937,954	64 559,985	9,305	8,839
53	76	75 675	6 468,302	57 622,031	8,908	8,442
54	77	73 654	6 010,096	51 153,728	8,511	8,045
55	78	71 453	5 566,068	45 143,632	8,111	7,644
56	79	69 018	5 132,601	39 577,564	7,711	7,245
57	80	66 290	4 706,172	34 444,963	7,319	6,853
58	81	63 263	4 287,632	29 738,791	6,936	6,470
59	82	59 965	3 879,821	25 451,159	6,560	6,094
60	83	56 420	3 484,889	21 571,338	6,190	5,724
61	84	52 609	3 102,168	18 086,448	5,830	5,364
62	85	48 533	2 732,068	14 984,281	5,485	5,019
63	86	44 243	2 377,586	12 252,212	5,153	4,687
64	87	39 782	2 040,948	9 874,626	4,838	4,372
65	88	35 246	1 726,238	7 833,678	4,538	4,072
66	89	30 720	1 436,317	6 107,440	4,252	3,786
67	90	26 261	1 172,194	4 671,124	3,985	3,519
68	91	21 975	936,373	3 498,930	3,737	3,271
69	92	17 955	730,408	2 562,557	3,508	3,042
70	93	14 287	554,815	1 832,149	3,302	2,836
71	94	11 045	409,469	1 277,334	3,119	2,653
72	95	8 241	291,680	867,865	2,975	2,509
73	96	6 027	203,641	576,185	2,829	2,363
74	97	4 278	137,998	372,544	2,700	2,234
75	98	2 997	92,296	234,545	2,541	2,075
76	99	2 013	59,176	142,249	2,404	1,938
77	100	1 297	36,397	83,073	2,282	1,816

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	2 009 445,789	20,213	19,747
1	25	99 042	94 551,255	1 910 033,979	20,201	19,735
2	26	98 997	90 222,314	1 815 482,724	20,122	19,656
3	27	98 962	86 100,897	1 725 260,410	20,038	19,572
4	28	98 928	82 168,026	1 639 159,513	19,949	19,483
5	29	98 892	78 413,371	1 556 991,487	19,856	19,390
6	30	98 857	74 831,209	1 478 578,116	19,759	19,293
7	31	98 817	71 409,290	1 403 746,906	19,658	19,192
8	32	98 777	68 143,662	1 332 337,616	19,552	19,086
9	33	98 735	65 025,741	1 264 193,954	19,441	18,975
10	34	98 692	62 049,987	1 199 168,213	19,326	18,860
11	35	98 646	59 208,543	1 137 118,225	19,205	18,739
12	36	98 597	56 495,873	1 077 909,683	19,079	18,613
13	37	98 543	53 904,497	1 021 413,810	18,949	18,483
14	38	98 489	51 431,538	967 509,313	18,812	18,346
15	39	98 419	49 064,638	916 077,775	18,671	18,205
16	40	98 346	46 804,811	867 013,137	18,524	18,058
17	41	98 254	44 640,571	820 208,326	18,374	17,908
18	42	98 150	42 571,300	775 567,755	18,218	17,752
19	43	98 031	40 591,569	732 996,454	18,058	17,592
20	44	97 902	38 699,862	692 404,886	17,892	17,426
21	45	97 758	36 890,654	653 705,024	17,720	17,254
22	46	97 605	35 162,916	616 814,370	17,542	17,076
23	47	97 437	33 510,672	581 651,454	17,357	16,891
24	48	97 253	31 930,565	548 140,782	17,167	16,701
25	49	97 051	30 419,169	516 210,216	16,970	16,504
26	50	96 828	28 973,228	485 791,048	16,767	16,301
27	51	96 592	27 591,819	456 817,819	16,556	16,090
28	52	96 327	26 268,589	429 226,000	16,340	15,874
29	53	96 041	25 002,954	402 957,411	16,116	15,650
30	54	95 724	23 790,301	377 954,457	15,887	15,421
31	55	95 381	22 630,106	354 164,156	15,650	15,184
32	56	94 999	21 517,516	331 534,050	15,408	14,942
33	57	94 589	20 453,105	310 016,535	15,157	14,691
34	58	94 145	19 433,876	289 563,430	14,900	14,434
35	59	93 654	18 455,925	270 129,554	14,636	14,170
36	60	93 119	17 518,356	251 673,629	14,366	13,900
37	61	92 535	16 619,049	234 155,273	14,090	13,624
38	62	91 931	15 761,890	217 536,224	13,801	13,335
39	63	91 276	14 940,018	201 774,334	13,506	13,040
40	64	90 576	14 153,173	186 834,316	13,201	12,735
41	65	89 803	13 396,064	172 681,143	12,890	12,424
42	66	88 966	12 669,338	159 285,079	12,572	12,106
43	67	88 057	11 971,316	146 615,741	12,247	11,781
44	68	87 061	11 299,137	134 644,425	11,916	11,450
45	69	86 017	10 657,411	123 345,288	11,574	11,108
46	70	84 882	10 039,905	112 687,877	11,224	10,758
47	71	83 665	9 447,175	102 647,972	10,865	10,399
48	72	82 339	8 875,900	93 200,797	10,500	10,034
49	73	80 927	8 328,060	84 324,897	10,125	9,659
50	74	79 423	7 802,689	75 996,837	9,740	9,274
51	75	77 790	7 295,675	68 194,147	9,347	8,881
52	76	76 012	6 805,664	60 898,472	8,948	8,482
53	77	74 024	6 327,125	54 092,808	8,549	8,083
54	78	71 853	5 863,138	47 765,683	8,147	7,681
55	79	69 445	5 409,660	41 902,545	7,746	7,280
56	80	66 746	4 963,619	36 492,885	7,352	6,886
57	81	63 744	4 525,418	31 529,266	6,967	6,501
58	82	60 476	4 098,708	27 003,848	6,588	6,122
59	83	56 946	3 684,505	22 905,141	6,217	5,751
60	84	53 143	3 282,480	19 220,636	5,856	5,390
61	85	49 073	2 893,637	15 938,155	5,508	5,042
62	86	44 786	2 521,094	13 044,518	5,174	4,708
63	87	40 309	2 166,201	10 523,424	4,858	4,392
64	88	35 757	1 834,424	8 357,223	4,556	4,090
65	89	31 199	1 528,023	6 522,799	4,269	3,803
66	90	26 698	1 248,277	4 994,776	4,001	3,535
67	91	22 376	998,783	3 746,500	3,751	3,285
68	92	18 298	779,685	2 747,717	3,524	3,058
69	93	14 588	593,414	1 968,032	3,316	2,850
70	94	11 298	438,749	1 374,618	3,133	2,667
71	95	8 447	313,173	935,869	2,988	2,522
72	96	6 189	219,042	622,696	2,843	2,377
73	97	4 403	148,763	403,654	2,713	2,247
74	98	3 093	99,765	254,891	2,555	2,089
75	99	2 084	64,171	155,126	2,417	1,951
76	100	1 348	39,617	90,955	2,296	1,830

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	2 002 358,604	20,145	19,679
1	26	99 024	94 533,625	1 902 963,651	20,130	19,664
2	27	98 978	90 204,759	1 808 430,027	20,048	19,582
3	28	98 941	86 082,090	1 718 225,268	19,960	19,494
4	29	98 903	82 147,534	1 632 143,177	19,868	19,402
5	30	98 866	78 393,079	1 549 995,644	19,772	19,306
6	31	98 828	74 808,990	1 471 602,564	19,671	19,205
7	32	98 786	71 386,497	1 396 793,575	19,567	19,101
8	33	98 743	68 120,013	1 325 407,078	19,457	18,991
9	34	98 700	65 002,589	1 257 287,065	19,342	18,876
10	35	98 653	62 025,719	1 192 284,476	19,222	18,756
11	36	98 606	59 184,712	1 130 258,757	19,097	18,631
12	37	98 551	56 469,385	1 071 074,045	18,967	18,501
13	38	98 498	53 879,688	1 014 604,660	18,831	18,365
14	39	98 431	51 401,416	960 724,971	18,691	18,225
15	40	98 360	49 035,410	909 323,555	18,544	18,078
16	41	98 279	46 773,045	860 288,145	18,393	17,927
17	42	98 179	44 606,516	813 515,100	18,238	17,772
18	43	98 068	42 535,974	768 908,584	18,077	17,611
19	44	97 943	40 555,039	726 372,609	17,911	17,445
20	45	97 802	38 660,386	685 817,570	17,740	17,274
21	46	97 649	36 849,634	647 157,184	17,562	17,096
22	47	97 481	35 118,268	610 307,550	17,379	16,913
23	48	97 298	33 462,634	575 189,282	17,189	16,723
24	49	97 098	31 879,490	541 726,649	16,993	16,527
25	50	96 875	30 364,066	509 847,159	16,791	16,325
26	51	96 637	28 916,132	479 483,093	16,582	16,116
27	52	96 378	27 530,875	450 566,961	16,366	15,900
28	53	96 091	26 204,092	423 036,086	16,144	15,678
29	54	95 779	24 934,617	396 831,994	15,915	15,449
30	55	95 436	23 718,701	371 897,377	15,680	15,213
31	56	95 065	22 555,123	348 178,676	15,437	14,971
32	57	94 656	21 439,646	325 623,553	15,188	14,722
33	58	94 212	20 371,450	304 183,906	14,932	14,466
34	59	93 730	19 348,162	283 812,456	14,669	14,203
35	60	93 202	18 366,783	264 464,294	14,399	13,933
36	61	92 617	17 423,914	246 097,511	14,124	13,658
37	62	92 017	16 526,064	228 673,597	13,837	13,371
38	63	91 372	15 666,110	212 147,533	13,542	13,076
39	64	90 675	14 841,647	196 481,423	13,239	12,773
40	65	89 916	14 050,034	181 639,776	12,928	12,462
41	66	89 084	13 288,733	167 589,743	12,611	12,145
42	67	88 189	12 558,666	154 301,010	12,286	11,820
43	68	87 204	11 855,261	141 742,344	11,956	11,490
44	69	86 171	11 183,719	129 887,083	11,614	11,148
45	70	85 056	10 538,344	118 703,364	11,264	10,798
46	71	83 848	9 917,584	108 165,020	10,906	10,440
47	72	82 544	9 320,674	98 247,436	10,541	10,075
48	73	81 153	8 748,004	88 926,762	10,165	9,699
49	74	79 674	8 199,119	80 178,758	9,779	9,313
50	75	78 064	7 669,198	71 979,639	9,386	8,920
51	76	76 306	7 156,565	64 310,441	8,986	8,520
52	77	74 353	6 657,123	57 153,876	8,585	8,119
53	78	72 214	6 172,415	50 496,753	8,181	7,715
54	79	69 834	5 698,382	44 324,339	7,778	7,312
55	80	67 159	5 231,556	38 625,956	7,383	6,917
56	81	64 182	4 772,976	33 394,400	6,997	6,531
57	82	60 935	4 326,016	28 621,424	6,616	6,150
58	83	57 431	3 892,372	24 295,407	6,242	5,776
59	84	53 639	3 470,502	20 403,035	5,879	5,413
60	85	49 570	3 061,829	16 932,533	5,530	5,064
61	86	45 283	2 670,187	13 870,704	5,195	4,729
62	87	40 804	2 296,950	11 200,517	4,876	4,410
63	88	36 230	1 947,003	8 903,567	4,573	4,107
64	89	31 651	1 623,786	6 956,565	4,284	3,818
65	90	27 115	1 327,977	5 332,778	4,016	3,550
66	91	22 748	1 063,610	4 004,802	3,765	3,299
67	92	18 632	831,651	2 941,191	3,537	3,071
68	93	14 866	633,449	2 109,540	3,330	2,864
69	94	11 536	469,273	1 476,091	3,145	2,679
70	95	8 641	335,567	1 006,818	3,000	2,534
71	96	6 344	235,183	671,251	2,854	2,388
72	97	4 521	160,013	436,069	2,725	2,259
73	98	3 183	107,547	276,056	2,567	2,101
74	99	2 150	69,364	168,508	2,429	1,963
75	100	1 395	42,961	99,145	2,308	1,842

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	95 126,817	2 002 015,804	21,046	20,580
2	1	99 313	90 510,290	1 906 888,987	21,068	20,602
3	2	99 275	86 372,566	1 816 378,698	21,030	20,564
4	3	99 250	82 435,477	1 730 006,132	20,986	20,520
5	4	99 227	78 678,850	1 647 570,655	20,940	20,474
6	5	99 208	75 097,167	1 568 891,804	20,891	20,425
7	6	99 191	71 678,996	1 493 794,637	20,840	20,374
8	7	99 176	68 418,370	1 422 115,642	20,786	20,320
9	8	99 163	65 307,326	1 353 697,272	20,728	20,262
10	9	99 149	62 337,023	1 288 389,946	20,668	20,202
11	10	99 135	59 501,857	1 226 052,924	20,605	20,139
12	11	99 120	56 795,244	1 166 551,067	20,540	20,074
13	12	99 105	54 211,516	1 109 755,823	20,471	20,005
14	13	99 087	51 744,194	1 055 544,307	20,399	19,933
15	14	99 067	49 387,599	1 003 800,113	20,325	19,859
16	15	99 042	47 136,033	954 412,514	20,248	19,782
17	16	99 004	44 981,381	907 276,481	20,170	19,704
18	17	98 961	42 923,004	862 295,100	20,089	19,623
19	18	98 908	40 954,909	819 372,096	20,007	19,541
20	19	98 847	39 073,481	778 417,187	19,922	19,456
21	20	98 783	37 277,643	739 343,705	19,833	19,367
22	21	98 721	35 564,747	702 066,063	19,741	19,274
23	22	98 660	33 931,094	666 501,316	19,643	19,177
24	23	98 598	32 371,975	632 570,222	19,541	19,075
25	24	98 528	30 882,392	600 198,247	19,435	18,969
26	25	98 464	29 462,815	569 315,855	19,323	18,857
27	26	98 399	28 108,223	539 853,040	19,206	18,740
28	27	98 328	26 814,248	511 744,817	19,085	18,619
29	28	98 256	25 579,553	484 930,569	18,958	18,492
30	29	98 175	24 399,552	459 351,016	18,826	18,360
31	30	98 093	23 273,685	434 951,464	18,689	18,223
32	31	97 997	22 196,428	411 677,779	18,547	18,081
33	32	97 897	21 168,304	389 481,351	18,399	17,933
34	33	97 793	20 187,048	368 313,047	18,245	17,779
35	34	97 680	19 249,269	348 125,999	18,085	17,619
36	35	97 555	18 352,896	328 876,730	17,920	17,454
37	36	97 429	17 498,074	310 523,833	17,746	17,280
38	37	97 292	16 681,128	293 025,760	17,566	17,100
39	38	97 145	15 900,671	276 344,631	17,379	16,913
40	39	96 983	15 154,191	260 443,961	17,186	16,720
41	40	96 803	14 440,220	245 289,770	16,987	16,521
42	41	96 609	13 757,810	230 849,550	16,780	16,314
43	42	96 392	13 104,373	217 091,740	16,566	16,100
44	43	96 154	12 479,290	203 987,367	16,346	15,880
45	44	95 895	11 881,310	191 508,077	16,118	15,652
46	45	95 601	11 307,806	179 626,767	15,885	15,419
47	46	95 286	10 759,479	168 318,961	15,644	15,178
48	47	94 929	10 233,037	157 559,482	15,397	14,931
49	48	94 529	9 727,839	147 326,445	15,145	14,679
50	49	94 081	9 242,688	137 598,605	14,887	14,421
51	50	93 580	8 776,602	128 355,918	14,625	14,159
52	51	93 035	8 329,820	119 579,315	14,356	13,890
53	52	92 418	7 899,418	111 249,495	14,083	13,617
54	53	91 732	7 485,184	103 350,077	13,807	13,341
55	54	90 971	7 086,508	95 864,892	13,528	13,062
56	55	90 140	6 703,333	88 778,385	13,244	12,778
57	56	89 227	6 334,594	82 075,052	12,957	12,491
58	57	88 234	5 980,026	75 740,458	12,666	12,200
59	58	87 140	5 638,071	69 760,432	12,373	11,907
60	59	85 953	5 309,097	64 122,360	12,078	11,612
61	60	84 679	4 993,225	58 813,263	11,779	11,313
62	61	83 297	4 689,008	53 820,038	11,478	11,012
63	62	81 827	4 397,354	49 131,030	11,173	10,707
64	63	80 267	4 117,916	44 733,677	10,863	10,397
65	64	78 600	3 849,545	40 615,761	10,551	10,085
66	65	76 828	3 592,141	36 766,216	10,235	9,769
67	66	74 967	3 346,171	33 174,075	9,914	9,448
68	67	72 978	3 109,679	29 827,904	9,592	9,126
69	68	70 918	2 884,903	26 718,225	9,261	8,795
70	69	68 746	2 669,702	23 833,322	8,927	8,461
71	70	66 455	2 463,705	21 163,621	8,590	8,124
72	71	64 044	2 266,661	18 699,916	8,250	7,784
73	72	61 534	2 079,077	16 433,255	7,904	7,438
74	73	58 931	1 900,846	14 354,178	7,551	7,085
75	74	56 225	1 731,316	12 453,332	7,193	6,727
76	75	53 382	1 569,244	10 722,016	6,833	6,367
77	76	50 393	1 414,204	9 152,772	6,472	6,006
78	77	47 260	1 266,127	7 738,568	6,112	5,646
79	78	43 972	1 124,631	6 472,441	5,755	5,289
80	79	40 502	988,914	5 347,810	5,408	4,942
81	80	36 874	859,501	4 358,896	5,071	4,605
82	81	33 099	736,516	3 499,395	4,751	4,285
83	82	29 275	621,880	2 762,879	4,443	3,977
84	83	25 443	515,982	2 140,999	4,149	3,683
85	84	21 681	419,747	1 625,017	3,871	3,405
86	85	18 049	333,590	1 205,270	3,613	3,147
87	86	14 656	258,601	871,679	3,371	2,905
88	87	11 578	195,012	613,079	3,144	2,678
89	88	8 871	142,644	418,066	2,931	2,465
90	89	6 577	100,958	275,422	2,728	2,262
91	90	4 689	68,722	174,464	2,539	2,073
92	91	3 187	44,586	105,741	2,372	1,906
93	92	2 059	27,495	61,155	2,224	1,758
94	93	1 265	16,125	33,661	2,087	1,621
95	94	727	8,844	17,536	1,983	1,517
96	95	397	4,611	8,692	1,885	1,419
97	96	205	2,272	4,081	1,796	1,330
98	97	99	1,049	1,808	1,724	1,258
99	98	46	0,462	0,759	1,643	1,177
100	99	20	0,189	0,297	1,573	1,107

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	90 788,453	1 908 529,304	21,022	20,556
3	1	99 297	86 392,528	1 817 740,851	21,040	20,574
4	2	99 262	82 445,294	1 731 348,324	21,000	20,534
5	3	99 238	78 688,225	1 648 903,029	20,955	20,489
6	4	99 217	75 103,996	1 570 214,804	20,907	20,441
7	5	99 198	71 684,371	1 495 110,808	20,857	20,391
8	6	99 182	68 422,874	1 423 426,436	20,803	20,337
9	7	99 168	65 310,545	1 355 003,562	20,747	20,281
10	8	99 155	62 340,882	1 289 693,017	20,688	20,222
11	9	99 141	59 505,707	1 227 352,135	20,626	20,160
12	10	99 126	56 798,609	1 167 846,428	20,561	20,095
13	11	99 112	54 215,555	1 111 047,818	20,493	20,027
14	12	99 095	51 748,288	1 056 832,264	20,423	19,957
15	13	99 075	49 391,833	1 005 083,975	20,349	19,883
16	14	99 052	47 140,979	955 692,143	20,273	19,807
17	15	99 016	44 987,009	908 551,163	20,196	19,730
18	16	98 975	42 929,062	863 564,154	20,116	19,650
19	17	98 923	40 960,907	820 635,093	20,035	19,569
20	18	98 867	39 081,440	779 674,186	19,950	19,484
21	19	98 802	37 284,839	740 592,746	19,863	19,397
22	20	98 739	35 571,334	703 307,907	19,772	19,306
23	21	98 676	33 936,713	667 736,573	19,676	19,210
24	22	98 615	32 377,578	633 799,861	19,575	19,109
25	23	98 550	30 889,094	601 422,283	19,470	19,004
26	24	98 481	29 467,812	570 533,189	19,361	18,895
27	25	98 418	28 113,465	541 065,377	19,246	18,780
28	26	98 347	26 819,466	512 951,911	19,126	18,660
29	27	98 278	25 585,142	486 132,445	19,001	18,535
30	28	98 200	24 405,639	460 547,303	18,871	18,405
31	29	98 119	23 279,709	436 141,665	18,735	18,269
32	30	98 026	22 203,021	412 861,956	18,595	18,129
33	31	97 928	21 175,063	390 658,935	18,449	17,983
34	32	97 827	20 194,056	369 483,872	18,297	17,831
35	33	97 715	19 256,125	349 289,816	18,139	17,673
36	34	97 593	18 360,077	330 033,690	17,976	17,510
37	35	97 468	17 505,119	311 673,613	17,805	17,339
38	36	97 338	16 688,953	294 168,494	17,627	17,161
39	37	97 190	15 907,992	277 479,541	17,443	16,977
40	38	97 039	15 163,071	261 571,549	17,251	16,785
41	39	96 861	14 448,827	246 408,478	17,054	16,588
42	40	96 675	13 767,154	231 959,651	16,849	16,383
43	41	96 465	13 114,378	218 192,497	16,638	16,172
44	42	96 234	12 489,654	205 078,120	16,420	15,954
45	43	95 981	11 892,012	192 588,466	16,195	15,729
46	44	95 699	11 319,352	180 696,454	15,963	15,497
47	45	95 392	10 771,457	169 377,101	15,725	15,259
48	46	95 050	10 246,047	158 605,645	15,480	15,014
49	47	94 664	9 741,805	148 359,598	15,229	14,763
50	48	94 231	9 257,496	138 617,793	14,974	14,508
51	49	93 750	8 792,529	129 360,297	14,713	14,247
52	50	93 218	8 346,268	120 567,768	14,446	13,980
53	51	92 623	7 916,905	112 221,500	14,175	13,709
54	52	91 958	7 503,608	104 304,595	13,901	13,435
55	53	91 221	7 105,929	96 800,987	13,623	13,157
56	54	90 412	6 723,568	89 695,058	13,340	12,874
57	55	89 524	6 355,653	82 971,490	13,055	12,589
58	56	88 555	6 001,746	76 615,837	12,766	12,300
59	57	87 489	5 660,670	70 614,091	12,475	12,009
60	58	86 334	5 332,617	64 953,421	12,180	11,714
61	59	85 090	5 017,459	59 620,804	11,883	11,417
62	60	83 749	4 714,423	54 603,344	11,582	11,116
63	61	82 287	4 422,096	49 888,921	11,282	10,816
64	62	80 757	4 143,092	45 466,825	10,974	10,508
65	63	79 121	3 875,060	41 323,733	10,664	10,198
66	64	77 392	3 618,510	37 448,673	10,349	9,883
67	65	75 572	3 373,198	33 830,163	10,029	9,563
68	66	73 621	3 137,083	30 456,966	9,709	9,243
69	67	71 613	2 913,144	27 319,883	9,378	8,912
70	68	69 455	2 697,253	24 406,739	9,049	8,583
71	69	67 205	2 491,541	21 709,485	8,713	8,247
72	70	64 834	2 294,618	19 217,945	8,375	7,909
73	71	62 369	2 107,294	16 923,327	8,031	7,565
74	72	59 793	1 928,636	14 816,033	7,682	7,216
75	73	57 109	1 758,543	12 887,396	7,328	6,862
76	74	54 311	1 596,558	11 128,854	6,971	6,505
77	75	51 373	1 441,694	9 532,295	6,612	6,146
78	76	48 314	1 294,378	8 090,601	6,251	5,785
79	77	45 074	1 152,819	6 796,223	5,895	5,429
80	78	41 673	1 017,506	5 643,404	5,546	5,080
81	79	38 130	888,762	4 625,897	5,205	4,739
82	80	34 421	765,934	3 737,135	4,879	4,413
83	81	30 624	650,545	2 971,201	4,567	4,101
84	82	26 792	543,335	2 320,657	4,271	3,805
85	83	23 018	445,630	1 777,322	3,988	3,522
86	84	19 350	357,631	1 331,692	3,724	3,258
87	85	15 883	280,241	974,061	3,476	3,010
88	86	12 707	214,042	693,820	3,242	2,775
89	87	9 869	158,703	479,778	3,023	2,557
90	88	7 430	114,055	321,074	2,815	2,349
91	89	5 396	79,075	207,020	2,618	2,152
92	90	3 740	52,327	127,945	2,445	1,979
93	91	2 472	33,020	75,618	2,290	1,824
94	92	1 557	19,848	42,598	2,146	1,680
95	93	919	11,184	22,750	2,034	1,568
96	94	519	6,029	11,566	1,919	1,453
97	95	273	3,026	5,538	1,830	1,364
98	96	136	1,436	2,512	1,749	1,283
99	97	63	0,639	1,076	1,682	1,216
100	98	28	0,271	0,436	1,607	1,141

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	86 658,036	1 819 259,038	20,994	20,528
4	1	99 285	82 464,348	1 732 601,003	21,010	20,544
5	2	99 250	78 697,596	1 650 136,654	20,968	20,502
6	3	99 229	75 112,945	1 571 439,058	20,921	20,455
7	4	99 207	71 690,890	1 496 326,113	20,872	20,406
8	5	99 190	68 428,006	1 424 635,222	20,819	20,353
9	6	99 174	65 314,845	1 356 207,217	20,764	20,298
10	7	99 160	62 343,955	1 290 892,372	20,706	20,240
11	8	99 147	59 509,392	1 228 548,417	20,645	20,179
12	9	99 132	56 802,285	1 169 039,025	20,581	20,115
13	10	99 118	54 218,767	1 112 236,740	20,514	20,048
14	11	99 103	51 752,143	1 058 017,973	20,444	19,978
15	12	99 083	49 395,741	1 006 265,830	20,372	19,906
16	13	99 060	47 145,021	956 870,089	20,296	19,830
17	14	99 026	44 991,730	909 725,069	20,220	19,754
18	15	98 987	42 934,433	864 733,338	20,141	19,675
19	16	98 937	40 966,687	821 798,906	20,060	19,594
20	17	98 881	39 087,163	780 832,218	19,977	19,511
21	18	98 822	37 292,434	741 745,056	19,890	19,424
22	19	98 758	35 578,201	704 452,622	19,800	19,334
23	20	98 694	33 942,998	668 874,421	19,706	19,240
24	21	98 631	32 382,939	634 931,423	19,607	19,141
25	22	98 567	30 894,440	602 548,484	19,503	19,037
26	23	98 502	29 474,207	571 654,044	19,395	18,929
27	24	98 434	28 118,233	542 179,836	19,282	18,816
28	25	98 366	26 824,468	514 061,603	19,164	18,698
29	26	98 297	25 590,121	487 237,135	19,040	18,574
30	27	98 221	24 410,971	461 647,014	18,911	18,445
31	28	98 143	23 285,516	437 236,043	18,777	18,311
32	29	98 051	22 208,768	413 950,527	18,639	18,173
33	30	97 957	21 181,353	391 741,759	18,495	18,029
34	31	97 859	20 200,504	370 560,406	18,344	17,878
35	32	97 749	19 262,811	350 359,903	18,188	17,722
36	33	97 628	18 366,617	331 097,092	18,027	17,561
37	34	97 507	17 511,968	312 730,475	17,858	17,392
38	35	97 377	16 695,673	295 218,507	17,682	17,216
39	36	97 236	15 915,454	278 522,835	17,500	17,034
40	37	97 084	15 170,053	262 607,381	17,311	16,845
41	38	96 918	14 457,294	247 437,328	17,115	16,649
42	39	96 732	13 775,360	232 980,034	16,913	16,447
43	40	96 531	13 123,284	219 204,674	16,703	16,237
44	41	96 307	12 499,189	206 081,390	16,488	16,022
45	42	96 061	11 901,888	193 582,201	16,265	15,799
46	43	95 785	11 329,548	181 680,312	16,036	15,570
47	44	95 490	10 782,455	170 350,764	15,799	15,333
48	45	95 155	10 257,453	159 568,309	15,556	15,090
49	46	94 785	9 754,190	149 310,856	15,307	14,841
50	47	94 367	9 270,786	139 556,666	15,053	14,587
51	48	93 900	8 806,616	130 285,881	14,794	14,328
52	49	93 388	8 361,414	121 479,264	14,529	14,063
53	50	92 806	7 932,537	113 117,850	14,260	13,794
54	51	92 161	7 520,219	105 185,313	13,987	13,521
55	52	91 445	7 123,419	97 665,094	13,710	13,244
56	53	90 660	6 741,995	90 541,675	13,430	12,963
57	54	89 794	6 374,839	83 799,680	13,145	12,679
58	55	88 849	6 021,698	77 424,841	12,858	12,392
59	56	87 807	5 681,230	71 403,143	12,568	12,102
60	57	86 680	5 353,992	65 721,913	12,275	11,809
61	58	85 467	5 039,687	60 367,921	11,979	11,512
62	59	84 155	4 737,304	55 328,234	11,679	11,213
63	60	82 733	4 446,065	50 590,930	11,379	10,913
64	61	81 212	4 166,404	46 144,865	11,075	10,609
65	62	79 604	3 898,751	41 978,461	10,767	10,301
66	63	77 905	3 642,494	38 079,710	10,454	9,988
67	64	76 127	3 397,960	34 437,217	10,135	9,669
68	65	74 215	3 162,421	31 039,257	9,815	9,349
69	66	72 244	2 938,816	27 876,836	9,486	9,020
70	67	70 135	2 723,658	24 938,020	9,156	8,690
71	68	67 899	2 517,254	22 214,363	8,825	8,359
72	69	65 566	2 320,543	19 697,109	8,488	8,022
73	70	63 138	2 133,285	17 376,566	8,145	7,679
74	71	60 604	1 954,812	15 243,280	7,798	7,332
75	72	57 944	1 784,253	13 288,468	7,448	6,982
76	73	55 166	1 621,666	11 504,216	7,094	6,628
77	74	52 267	1 466,788	9 882,549	6,738	6,272
78	75	49 253	1 319,539	8 415,761	6,378	5,912
79	76	46 080	1 178,542	7 096,223	6,021	5,555
80	77	42 718	1 043,010	5 917,680	5,674	5,208
81	78	39 232	914,459	4 874,670	5,331	4,865
82	79	35 593	792,009	3 960,212	5,000	4,534
83	80	31 847	676,529	3 168,202	4,683	4,217
84	81	28 027	568,379	2 491,674	4,384	3,918
85	82	24 238	469,253	1 923,294	4,099	3,633
86	83	20 543	379,683	1 454,042	3,830	3,364
87	84	17 028	300,437	1 074,358	3,576	3,110
88	85	13 771	231,954	773,921	3,337	2,871
89	86	10 833	174,190	541,967	3,111	2,645
90	87	8 266	126,895	367,777	2,898	2,432
91	88	6 096	89,332	240,882	2,696	2,230
92	89	4 304	60,210	151,549	2,517	2,051
93	90	2 902	38,753	91,340	2,357	1,891
94	91	1 869	23,836	52,587	2,206	1,740
95	92	1 131	13,765	28,750	2,089	1,623
96	93	656	7,624	14,985	1,966	1,500
97	94	357	3,956	7,361	1,861	1,395
98	95	181	1,912	3,405	1,781	1,315
99	96	87	0,875	1,493	1,706	1,240
100	97	39	0,376	0,617	1,644	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	82 717,784	1 734 005,376	20,963	20,497
5	1	99 273	78 715,784	1 651 287,592	20,978	20,512
6	2	99 241	75 121,891	1 572 571,808	20,934	20,468
7	3	99 219	71 699,432	1 497 449,917	20,885	20,419
8	4	99 199	68 434,228	1 425 750,485	20,834	20,368
9	5	99 182	65 319,743	1 357 316,256	20,780	20,314
10	6	99 166	62 348,060	1 291 996,513	20,722	20,256
11	7	99 152	59 512,325	1 229 648,453	20,662	20,196
12	8	99 138	56 805,802	1 170 136,128	20,599	20,133
13	9	99 124	54 222,276	1 113 330,326	20,533	20,067
14	10	99 108	51 755,210	1 059 108,051	20,464	19,998
15	11	99 091	49 399,420	1 007 352,841	20,392	19,926
16	12	99 068	47 148,751	957 953,421	20,318	19,852
17	13	99 035	44 995,587	910 804,670	20,242	19,776
18	14	98 997	42 938,939	865 809,083	20,164	19,698
19	15	98 949	40 971,813	822 870,144	20,084	19,618
20	16	98 895	39 092,679	781 898,331	20,001	19,535
21	17	98 837	37 297,895	742 805,652	19,915	19,449
22	18	98 778	35 585,448	705 507,757	19,826	19,360
23	19	98 714	33 949,551	669 922,310	19,733	19,267
24	20	98 649	32 388,936	635 972,759	19,635	19,169
25	21	98 583	30 899,556	603 583,823	19,534	19,068
26	22	98 519	29 479,309	572 684,266	19,427	18,961
27	23	98 456	28 124,336	543 204,958	19,314	18,848
28	24	98 382	26 829,017	515 080,622	19,199	18,733
29	25	98 315	25 594,893	488 251,605	19,076	18,610
30	26	98 240	24 415,721	462 656,711	18,949	18,483
31	27	98 165	23 290,604	438 240,990	18,816	18,350
32	28	98 076	22 214,308	414 950,386	18,679	18,213
33	29	97 983	21 186,835	392 736,078	18,537	18,071
34	30	97 888	20 206,504	371 549,243	18,388	17,922
35	31	97 780	19 268,961	351 342,739	18,234	17,768
36	32	97 662	18 372,993	332 073,778	18,074	17,608
37	33	97 541	17 518,206	313 700,785	17,907	17,441
38	34	97 415	16 702,205	296 182,579	17,733	17,267
39	35	97 275	15 921,862	279 480,374	17,553	17,087
40	36	97 130	15 177,168	263 558,512	17,365	16,899
41	37	96 962	14 463,951	248 381,344	17,172	16,706
42	38	96 789	13 783,432	233 917,393	16,971	16,505
43	39	96 588	13 131,106	220 133,961	16,764	16,298
44	40	96 373	12 507,678	207 002,854	16,550	16,084
45	41	96 134	11 910,975	194 495,176	16,329	15,863
46	42	95 865	11 338,957	182 584,201	16,102	15,636
47	43	95 576	10 792,167	171 245,244	15,868	15,402
48	44	95 252	10 267,926	160 453,076	15,627	15,161
49	45	94 890	9 765,048	150 185,150	15,380	14,914
50	46	94 487	9 282,572	140 420,102	15,127	14,661
51	47	94 035	8 819,259	131 137,530	14,869	14,403
52	48	93 537	8 374,810	122 318,271	14,605	14,139
53	49	92 974	7 946,933	113 943,460	14,338	13,872
54	50	92 343	7 535,068	105 996,527	14,067	13,601
55	51	91 647	7 139,188	98 461,460	13,792	13,326
56	52	90 883	6 758,589	91 322,271	13,512	13,046
57	53	90 040	6 392,310	84 563,682	13,229	12,763
58	54	89 117	6 039,876	78 171,372	12,943	12,477
59	55	88 099	5 700,116	72 131,496	12,654	12,188
60	56	86 995	5 373,438	66 431,380	12,363	11,897
61	57	85 810	5 059,888	61 057,942	12,067	11,601
62	58	84 528	4 758,291	55 998,055	11,769	11,303
63	59	83 135	4 467,643	51 239,763	11,469	11,003
64	60	81 652	4 188,987	46 772,120	11,165	10,699
65	61	80 052	3 920,688	42 583,133	10,861	10,395
66	62	78 381	3 664,763	38 662,446	10,550	10,084
67	63	76 632	3 420,482	34 997,682	10,232	9,766
68	64	74 760	3 185,636	31 577,201	9,912	9,446
69	65	72 827	2 962,552	28 391,565	9,583	9,117
70	66	70 753	2 747,660	25 429,013	9,255	8,789
71	67	68 564	2 541,896	22 681,354	8,923	8,457
72	68	66 243	2 344,492	20 139,458	8,590	8,124
73	69	63 852	2 157,388	17 794,966	8,248	7,782
74	70	61 352	1 978,922	15 637,578	7,902	7,436
75	71	58 730	1 808,469	13 658,655	7,553	7,087
76	72	55 972	1 645,375	11 850,187	7,202	6,736
77	73	53 089	1 489,855	10 204,812	6,850	6,384
78	74	50 111	1 342,507	8 714,956	6,492	6,026
79	75	46 976	1 201,451	7 372,450	6,136	5,670
80	76	43 671	1 066,283	6 170,999	5,787	5,321
81	77	40 215	937,379	5 104,716	5,446	4,980
82	78	36 622	814,909	4 167,337	5,114	4,648
83	79	32 931	699,561	3 352,428	4,792	4,326
84	80	29 146	591,081	2 652,868	4,488	4,022
85	81	25 355	490,883	2 061,786	4,200	3,734
86	82	21 632	399,811	1 570,904	3,929	3,463
87	83	18 078	318,963	1 171,093	3,672	3,206
88	84	14 763	248,670	852,130	3,427	2,961
89	85	11 739	188,767	603,460	3,197	2,731
90	86	9 073	139,278	414,694	2,977	2,511
91	87	6 782	99,390	275,415	2,771	2,305
92	88	4 862	68,020	176,026	2,588	2,122
93	89	3 339	44,591	108,006	2,422	1,956
94	90	2 194	27,975	63,415	2,267	1,801
95	91	1 358	16,532	35,440	2,144	1,678
96	92	808	9,384	18,908	2,015	1,549
97	93	451	5,003	9,525	1,904	1,438
98	94	236	2,500	4,522	1,809	1,343
99	95	115	1,165	2,021	1,735	1,269
100	96	53	0,514	0,856	1,665	1,199

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	78 957,700	1 652 586,139	20,930	20,464
6	1	99 264	75 139,252	1 573 628,439	20,943	20,477
7	2	99 231	71 707,971	1 498 489,187	20,897	20,431
8	3	99 210	68 442,382	1 426 781,216	20,846	20,380
9	4	99 191	65 325,683	1 358 338,833	20,793	20,327
10	5	99 174	62 352,736	1 293 013,150	20,737	20,271
11	6	99 158	59 516,243	1 230 660,414	20,678	20,212
12	7	99 143	56 808,602	1 171 144,171	20,616	20,150
13	8	99 130	54 225,633	1 114 335,569	20,550	20,084
14	9	99 115	51 758,559	1 060 109,936	20,482	20,016
15	10	99 096	49 402,347	1 008 351,377	20,411	19,945
16	11	99 076	47 152,263	958 949,030	20,337	19,871
17	12	99 043	44 999,147	911 796,767	20,263	19,797
18	13	99 006	42 942,620	866 797,619	20,185	19,719
19	14	98 959	40 976,113	823 855,000	20,106	19,640
20	15	98 908	39 097,570	782 878,887	20,024	19,558
21	16	98 851	37 303,158	743 781,317	19,939	19,473
22	17	98 793	35 590,659	706 478,159	19,850	19,384
23	18	98 734	33 956,466	670 887,500	19,757	19,291
24	19	98 668	32 395,189	636 931,034	19,661	19,195
25	20	98 601	30 905,279	604 535,844	19,561	19,095
26	21	98 536	29 484,190	573 630,566	19,456	18,990
27	22	98 473	28 129,204	544 146,376	19,345	18,879
28	23	98 404	26 834,840	516 017,172	19,229	18,763
29	24	98 332	25 599,234	489 182,332	19,109	18,643
30	25	98 259	24 420,275	463 583,098	18,984	18,518
31	26	98 184	23 295,136	439 162,823	18,852	18,386
32	27	98 097	22 219,161	415 867,687	18,717	18,251
33	28	98 007	21 192,121	393 648,525	18,575	18,109
34	29	97 913	20 211,734	372 456,405	18,428	17,962
35	30	97 809	19 274,684	352 244,671	18,275	17,809
36	31	97 693	18 378,859	332 969,986	18,117	17,651
37	32	97 575	17 524,287	314 591,127	17,952	17,486
38	33	97 450	16 708,154	297 066,840	17,780	17,314
39	34	97 313	15 928,092	280 358,686	17,602	17,136
40	35	97 169	15 183,279	264 430,594	17,416	16,950
41	36	97 008	14 470,735	249 247,314	17,224	16,758
42	37	96 834	13 789,779	234 776,579	17,025	16,559
43	38	96 645	13 138,801	220 986,800	16,819	16,353
44	39	96 430	12 515,134	207 847,999	16,608	16,142
45	40	96 200	11 919,064	195 332,865	16,388	15,922
46	41	95 938	11 347,614	183 413,801	16,163	15,697
47	42	95 655	10 801,130	172 066,187	15,930	15,464
48	43	95 338	10 277,175	161 265,057	15,692	15,226
49	44	94 987	9 775,019	150 987,882	15,446	14,980
50	45	94 592	9 292,906	141 212,863	15,196	14,730
51	46	94 154	8 830,471	131 919,957	14,939	14,473
52	47	93 672	8 386,833	123 089,486	14,677	14,211
53	48	93 123	7 959,665	114 702,653	14,410	13,944
54	49	92 511	7 548,742	106 742,988	14,141	13,674
55	50	91 828	7 153,285	99 194,246	13,867	13,401
56	51	91 084	6 773,551	92 040,961	13,588	13,122
57	52	90 262	6 408,044	85 267,410	13,306	12,840
58	53	89 362	6 056,429	78 859,367	13,021	12,555
59	54	88 365	5 717,324	72 802,938	12,734	12,268
60	55	87 284	5 391,301	67 085,614	12,443	11,977
61	56	86 121	5 078,265	61 694,313	12,149	11,683
62	57	84 867	4 777,364	56 616,048	11,851	11,385
63	58	83 503	4 487,436	51 838,684	11,552	11,086
64	59	82 048	4 209,318	47 351,248	11,249	10,783
65	60	80 486	3 941,939	43 141,931	10,944	10,478
66	61	78 822	3 685,383	39 199,992	10,637	10,171
67	62	77 100	3 441,394	35 514,609	10,320	9,854
68	63	75 256	3 206,750	32 073,215	10,002	9,536
69	64	73 362	2 984,300	28 866,465	9,673	9,207
70	65	71 325	2 769,852	25 882,165	9,344	8,878
71	66	69 168	2 564,296	23 112,313	9,013	8,547
72	67	66 891	2 367,443	20 548,017	8,679	8,213
73	68	64 511	2 179,653	18 180,574	8,341	7,875
74	69	62 045	2 001,281	16 000,921	7,995	7,529
75	70	59 455	1 830,774	13 999,640	7,647	7,181
76	71	56 732	1 667,706	12 168,866	7,297	6,831
77	72	53 865	1 511,637	10 501,160	6,947	6,481
78	73	50 899	1 363,619	8 989,523	6,592	6,126
79	74	47 794	1 222,364	7 625,904	6,239	5,773
80	75	44 520	1 087,009	6 403,540	5,891	5,425
81	76	41 113	958,295	5 316,531	5,548	5,082
82	77	37 540	835,334	4 358,236	5,217	4,751
83	78	33 884	719,787	3 522,902	4,894	4,428
84	79	30 139	611,204	2 803,115	4,586	4,120
85	80	26 368	510,489	2 191,911	4,294	3,828
86	81	22 629	418,239	1 681,421	4,020	3,554
87	82	19 036	335,871	1 263,182	3,761	3,295
88	83	15 673	264,004	927,311	3,512	3,046
89	84	12 585	202,370	663,307	3,278	2,812
90	85	9 832	150,933	460,937	3,054	2,588
91	86	7 444	109,088	310,004	2,842	2,376
92	87	5 409	75,678	200,915	2,655	2,189
93	88	3 772	50,375	125,237	2,486	2,020
94	89	2 525	32,189	74,862	2,326	1,860
95	90	1 594	19,402	42,673	2,199	1,733
96	91	970	11,270	23,271	2,065	1,599
97	92	555	6,158	12,002	1,949	1,483
98	93	299	3,162	5,844	1,848	1,382
99	94	151	1,524	2,682	1,760	1,294
100	95	71	0,685	1,158	1,692	1,226

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	75 370,176	1 574 828,791	20,895	20,429
7	1	99 254	71 724,544	1 499 458,616	20,906	20,440
8	2	99 222	68 450,533	1 427 734,072	20,858	20,392
9	3	99 202	65 333,467	1 359 283,539	20,805	20,339
10	4	99 183	62 358,406	1 293 950,072	20,750	20,284
11	5	99 166	59 520,707	1 231 591,666	20,692	20,226
12	6	99 150	56 812,342	1 172 070,959	20,631	20,165
13	7	99 135	54 228,306	1 115 258,617	20,566	20,100
14	8	99 121	51 761,764	1 061 030,311	20,498	20,032
15	9	99 103	49 405,544	1 009 268,547	20,428	19,962
16	10	99 082	47 155,057	959 863,003	20,355	19,889
17	11	99 050	45 002,499	912 707,946	20,281	19,815
18	12	99 014	42 946,017	867 705,447	20,205	19,739
19	13	98 968	40 979,625	824 759,429	20,126	19,660
20	14	98 918	39 101,673	783 779,804	20,045	19,579
21	15	98 863	37 307,826	744 678,130	19,960	19,494
22	16	98 807	35 595,681	707 370,305	19,872	19,406
23	17	98 748	33 961,438	671 774,623	19,781	19,315
24	18	98 688	32 401,788	637 813,185	19,685	19,218
25	19	98 621	30 911,245	605 411,397	19,585	19,119
26	20	98 554	29 489,651	574 500,152	19,481	19,015
27	21	98 489	28 133,861	545 010,501	19,372	18,906
28	22	98 421	26 839,484	516 876,640	19,258	18,792
29	23	98 353	25 604,790	490 037,155	19,138	18,672
30	24	98 275	24 424,416	464 432,365	19,015	18,549
31	25	98 202	23 299,481	440 007,949	18,885	18,419
32	26	98 116	22 223,486	416 708,468	18,751	18,285
33	27	98 028	21 196,751	394 484,983	18,611	18,145
34	28	97 937	20 216,776	373 288,232	18,464	17,998
35	29	97 834	19 279,674	353 071,456	18,313	17,847
36	30	97 722	18 384,318	333 791,782	18,156	17,690
37	31	97 606	17 529,883	315 407,464	17,993	17,527
38	32	97 484	16 713,955	297 877,581	17,822	17,356
39	33	97 348	15 933,765	281 163,627	17,646	17,180
40	34	97 207	15 189,220	265 229,862	17,462	16,996
41	35	97 047	14 476,562	250 040,642	17,272	16,806
42	36	96 879	13 796,247	235 564,080	17,075	16,608
43	37	96 689	13 144,851	221 767,833	16,871	16,405
44	38	96 487	12 522,467	208 622,982	16,660	16,194
45	39	96 257	11 926,169	196 100,514	16,443	15,977
46	40	96 003	11 355,321	184 174,346	16,219	15,753
47	41	95 728	10 809,376	172 819,025	15,988	15,522
48	42	95 417	10 285,710	162 009,649	15,751	15,285
49	43	95 073	9 783,824	151 723,938	15,508	15,042
50	44	94 688	9 302,394	141 940,114	15,258	14,792
51	45	94 259	8 840,301	132 637,720	15,004	14,538
52	46	93 791	8 397,496	123 797,419	14,742	14,276
53	47	93 257	7 971,092	115 399,923	14,477	14,011
54	48	92 659	7 560,836	107 428,831	14,209	13,743
55	49	91 995	7 166,266	99 867,995	13,936	13,470
56	50	91 264	6 786,926	92 701,729	13,659	13,193
57	51	90 462	6 422,229	85 914,803	13,378	12,912
58	52	89 581	6 071,336	79 492,574	13,093	12,627
59	53	88 607	5 732,993	73 421,238	12,807	12,341
60	54	87 548	5 407,576	67 688,246	12,517	12,051
61	55	86 408	5 095,147	62 280,670	12,224	11,758
62	56	85 175	4 794,715	57 185,522	11,927	11,461
63	57	83 838	4 505,422	52 390,807	11,628	11,162
64	58	82 412	4 227,965	47 885,385	11,326	10,860
65	59	80 877	3 961,071	43 657,419	11,022	10,556
66	60	79 249	3 705,359	39 696,349	10,713	10,247
67	61	77 534	3 460,757	35 990,990	10,400	9,934
68	62	75 716	3 226,356	32 530,233	10,083	9,617
69	63	73 848	3 004,080	29 303,877	9,755	9,289
70	64	71 848	2 790,185	26 299,797	9,426	8,960
71	65	69 727	2 585,008	23 509,612	9,095	8,629
72	66	67 481	2 388,306	20 924,605	8,761	8,295
73	67	65 142	2 200,990	18 536,299	8,422	7,956
74	68	62 685	2 021,935	16 335,309	8,079	7,613
75	69	60 127	1 851,459	14 313,374	7,731	7,265
76	70	57 431	1 688,275	12 461,915	7,381	6,915
77	71	54 596	1 532,153	10 773,640	7,032	6,566
78	72	51 643	1 383,555	9 241,487	6,680	6,214
79	73	48 545	1 241,587	7 857,932	6,329	5,863
80	74	45 295	1 105,930	6 616,345	5,983	5,517
81	75	41 912	976,923	5 510,415	5,641	5,175
82	76	38 377	853,973	4 533,492	5,309	4,843
83	77	34 733	737,828	3 679,519	4,987	4,521
84	78	31 010	628,876	2 941,691	4,678	4,212
85	79	27 266	527,869	2 312,815	4,381	3,915
86	80	23 533	434,945	1 784,947	4,104	3,638
87	81	19 913	351,353	1 350,002	3,842	3,376
88	82	16 504	277,999	998,650	3,592	3,126
89	83	13 361	214,849	720,651	3,354	2,888
90	84	10 541	161,810	505,802	3,126	2,660
91	85	8 067	118,217	343,991	2,910	2,444
92	86	5 937	83,063	225,774	2,718	2,252
93	87	4 196	56,046	142,711	2,546	2,080
94	88	2 852	36,365	86,665	2,383	1,917
95	89	1 834	22,325	50,300	2,253	1,787
96	90	1 138	13,226	27,975	2,115	1,649
97	91	667	7,395	14,749	1,994	1,528
98	92	367	3,892	7,354	1,890	1,424
99	93	191	1,927	3,462	1,797	1,331
100	94	93	0,895	1,535	1,715	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	71 944,973	1 500 568,018	20,857	20,391
8	1	99 245	68 466,353	1 428 623,045	20,866	20,400
9	2	99 214	65 341,248	1 360 156,692	20,816	20,350
10	3	99 194	62 365,836	1 294 815,444	20,762	20,296
11	4	99 175	59 526,120	1 232 449,608	20,704	20,238
12	5	99 157	56 816,603	1 172 923,488	20,644	20,178
13	6	99 142	54 231,876	1 116 106,886	20,580	20,114
14	7	99 126	51 764,315	1 061 875,010	20,514	20,048
15	8	99 109	49 408,603	1 010 110,694	20,444	19,978
16	9	99 088	47 158,108	960 702,091	20,372	19,906
17	10	99 056	45 005,166	913 543,983	20,299	19,833
18	11	99 021	42 949,216	868 538,817	20,222	19,756
19	12	98 976	40 982,868	825 589,600	20,145	19,679
20	13	98 927	39 105,025	784 606,732	20,064	19,598
21	14	98 874	37 311,741	745 501,707	19,980	19,514
22	15	98 819	35 600,135	708 189,966	19,893	19,427
23	16	98 762	33 966,231	672 589,831	19,802	19,336
24	17	98 703	32 406,533	638 623,600	19,707	19,241
25	18	98 641	30 917,541	606 217,067	19,608	19,142
26	19	98 573	29 495,344	575 299,526	19,505	19,039
27	20	98 507	28 139,072	545 804,182	19,397	18,931
28	21	98 437	26 843,929	517 665,110	19,284	18,818
29	22	98 370	25 609,222	490 821,181	19,166	18,700
30	23	98 297	24 429,717	465 211,960	19,043	18,577
31	24	98 219	23 303,432	440 782,242	18,915	18,449
32	25	98 135	22 227,630	417 478,810	18,782	18,316
33	26	98 048	21 200,876	395 251,180	18,643	18,177
34	27	97 959	20 221,193	374 050,304	18,498	18,032
35	28	97 859	19 284,483	353 829,111	18,348	17,882
36	29	97 747	18 389,077	334 544,628	18,193	17,727
37	30	97 635	17 535,089	316 155,551	18,030	17,564
38	31	97 515	16 719,291	298 620,462	17,861	17,395
39	32	97 381	15 939,297	281 901,170	17,686	17,220
40	33	97 241	15 194,630	265 961,874	17,504	17,038
41	34	97 085	14 482,226	250 767,243	17,316	16,850
42	35	96 918	13 801,802	236 285,017	17,120	16,654
43	36	96 735	13 151,017	222 483,216	16,918	16,452
44	37	96 531	12 528,233	209 332,199	16,709	16,243
45	38	96 313	11 933,158	196 803,966	16,492	16,026
46	39	96 060	11 362,089	184 870,808	16,271	15,805
47	40	95 793	10 816,718	173 508,719	16,041	15,575
48	41	95 490	10 293,563	162 692,001	15,805	15,339
49	42	95 152	9 791,949	152 398,438	15,564	15,098
50	43	94 774	9 310,773	142 606,489	15,316	14,850
51	44	94 355	8 849,328	133 295,716	15,063	14,597
52	45	93 895	8 406,844	124 446,388	14,803	14,337
53	46	93 376	7 981,226	116 039,544	14,539	14,073
54	47	92 792	7 571,690	108 058,318	14,271	13,805
55	48	92 142	7 177,748	100 486,628	14,000	13,534
56	49	91 429	6 799,242	93 308,880	13,723	13,257
57	50	90 640	6 434,910	86 509,638	13,444	12,978
58	51	89 780	6 084,776	80 074,728	13,160	12,694
59	52	88 825	5 747,103	73 989,952	12,874	12,408
60	53	87 788	5 422,396	68 242,849	12,585	12,119
61	54	86 669	5 110,528	62 820,452	12,292	11,826
62	55	85 458	4 810,655	57 709,924	11,996	11,530
63	56	84 142	4 521,786	52 899,269	11,699	11,233
64	57	82 742	4 244,912	48 377,483	11,397	10,931
65	58	81 235	3 978,619	44 132,571	11,092	10,626
66	59	79 634	3 723,343	40 153,952	10,784	10,318
67	60	77 954	3 479,515	36 430,610	10,470	10,004
68	61	76 142	3 244,509	32 951,094	10,156	9,690
69	62	74 300	3 022,446	29 706,586	9,829	9,363
70	63	72 324	2 808,679	26 684,139	9,501	9,035
71	64	70 238	2 603,984	23 875,461	9,169	8,703
72	65	68 026	2 407,596	21 271,477	8,835	8,369
73	66	65 716	2 220,386	18 863,881	8,496	8,030
74	67	63 299	2 041,728	16 643,495	8,152	7,686
75	68	60 747	1 870,566	14 601,767	7,806	7,340
76	69	58 080	1 707,350	12 731,201	7,457	6,991
77	70	55 270	1 551,050	11 023,851	7,107	6,641
78	71	52 344	1 402,333	9 472,800	6,755	6,289
79	72	49 255	1 259,739	8 070,467	6,406	5,940
80	73	46 007	1 123,322	6 810,728	6,063	5,597
81	74	42 641	993,927	5 687,406	5,722	5,256
82	75	39 123	870,573	4 693,479	5,391	4,925
83	76	35 508	754,291	3 822,907	5,068	4,602
84	77	31 787	644,638	3 068,615	4,760	4,294
85	78	28 054	543,131	2 423,977	4,463	3,997
86	79	24 334	449,752	1 880,846	4,182	3,716
87	80	20 709	365,386	1 431,094	3,917	3,451
88	81	17 265	290,813	1 065,708	3,665	3,199
89	82	14 069	226,238	774,895	3,425	2,959
90	83	11 191	171,788	548,657	3,194	2,728
91	84	8 648	126,737	376,869	2,974	2,508
92	85	6 434	90,014	250,132	2,779	2,313
93	86	4 606	61,516	160,118	2,603	2,137
94	87	3 173	40,459	98,603	2,437	1,971
95	88	2 072	25,221	58,144	2,305	1,839
96	89	1 310	15,219	32,923	2,163	1,697
97	90	782	8,679	17,705	2,040	1,574
98	91	441	4,674	9,025	1,931	1,465
99	92	235	2,372	4,352	1,835	1,369
100	93	117	1,132	1,980	1,749	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	68 676,769	1 429 648,343	20,817	20,351
9	1	99 237	65 356,349	1 360 971,574	20,824	20,358
10	2	99 206	62 373,264	1 295 615,225	20,772	20,306
11	3	99 187	59 533,212	1 233 241,962	20,715	20,249
12	4	99 166	56 821,770	1 173 708,749	20,656	20,190
13	5	99 149	54 235,943	1 116 886,980	20,593	20,127
14	6	99 132	51 767,723	1 062 651,036	20,527	20,061
15	7	99 114	49 411,039	1 010 883,313	20,459	19,993
16	8	99 094	47 161,028	961 472,274	20,387	19,921
17	9	99 062	45 008,078	914 311,246	20,314	19,848
18	10	99 027	42 951,761	869 303,168	20,239	19,773
19	11	98 983	40 985,921	826 351,406	20,162	19,696
20	12	98 934	39 108,119	785 365,486	20,082	19,616
21	13	98 882	37 314,940	746 257,366	19,999	19,533
22	14	98 829	35 603,871	708 942,427	19,912	19,446
23	15	98 774	33 970,481	673 338,555	19,821	19,355
24	16	98 717	32 411,106	639 368,074	19,727	19,261
25	17	98 655	30 922,069	606 956,969	19,629	19,163
26	18	98 593	29 501,352	576 034,900	19,526	19,060
27	19	98 526	28 144,504	546 533,548	19,419	18,953
28	20	98 455	26 848,900	518 389,043	19,308	18,842
29	21	98 386	25 613,462	491 540,143	19,191	18,725
30	22	98 314	24 433,946	465 926,681	19,069	18,603
31	23	98 240	23 308,490	441 492,735	18,941	18,475
32	24	98 151	22 231,400	418 184,246	18,811	18,345
33	25	98 066	21 204,830	395 952,846	18,673	18,207
34	26	97 978	20 225,128	374 748,016	18,529	18,063
35	27	97 880	19 288,696	354 522,888	18,380	17,914
36	28	97 772	18 393,664	335 234,192	18,226	17,760
37	29	97 661	17 539,628	316 840,527	18,064	17,598
38	30	97 544	16 724,257	299 300,899	17,896	17,430
39	31	97 413	15 944,386	282 576,642	17,723	17,257
40	32	97 275	15 199,905	266 632,256	17,542	17,076
41	33	97 119	14 487,384	251 432,350	17,355	16,889
42	34	96 956	13 807,202	236 944,966	17,161	16,695
43	35	96 774	13 156,312	223 137,764	16,961	16,495
44	36	96 576	12 534,110	209 981,452	16,753	16,287
45	37	96 358	11 938,652	197 447,342	16,538	16,072
46	38	96 117	11 368,747	185 508,690	16,317	15,851
47	39	95 850	10 823,165	174 139,943	16,090	15,624
48	40	95 555	10 300,554	163 316,778	15,855	15,389
49	41	95 224	9 799,425	153 016,224	15,615	15,149
50	42	94 852	9 318,506	143 216,799	15,369	14,903
51	43	94 440	8 857,299	133 898,293	15,117	14,651
52	44	93 991	8 415,428	125 040,994	14,859	14,393
53	45	93 480	7 990,111	116 625,566	14,596	14,130
54	46	92 910	7 581,317	108 635,456	14,329	13,863
55	47	92 275	7 188,052	101 054,139	14,059	13,593
56	48	91 576	6 810,135	93 866,087	13,783	13,317
57	49	90 805	6 446,588	87 055,952	13,504	13,038
58	50	89 957	6 096,791	80 609,364	13,222	12,756
59	51	89 022	5 759,826	74 512,574	12,937	12,471
60	52	88 004	5 435,743	68 752,748	12,648	12,182
61	53	86 906	5 124,534	63 317,005	12,356	11,890
62	54	85 716	4 825,177	58 192,471	12,060	11,594
63	55	84 422	4 536,818	53 367,294	11,763	11,297
64	56	83 043	4 260,330	48 830,476	11,462	10,996
65	57	81 561	3 994,566	44 570,146	11,158	10,692
66	58	79 987	3 739,837	40 575,580	10,850	10,384
67	59	78 332	3 496,403	36 835,742	10,535	10,069
68	60	76 555	3 262,095	33 339,340	10,220	9,754
69	61	74 718	3 039,452	30 077,245	9,896	9,430
70	62	72 766	2 825,850	27 037,792	9,568	9,102
71	63	70 704	2 621,243	24 211,942	9,237	8,771
72	64	68 525	2 425,269	21 590,699	8,902	8,436
73	65	66 247	2 238,320	19 165,429	8,562	8,096
74	66	63 857	2 059,721	16 927,110	8,218	7,752
75	67	61 342	1 888,878	14 867,389	7,871	7,405
76	68	58 680	1 724,970	12 978,511	7,524	7,058
77	69	55 894	1 568,575	11 253,541	7,174	6,708
78	70	52 989	1 419,629	9 684,966	6,822	6,356
79	71	49 923	1 276,836	8 265,337	6,473	6,007
80	72	46 680	1 139,745	6 988,501	6,132	5,666
81	73	43 312	1 009,558	5 848,756	5,793	5,327
82	74	39 804	885,726	4 839,198	5,464	4,998
83	75	36 198	768,953	3 953,472	5,141	4,675
84	76	32 497	659,022	3 184,519	4,832	4,366
85	77	28 757	556,744	2 525,496	4,536	4,070
86	78	25 038	462,755	1 968,752	4,254	3,788
87	79	21 414	377,826	1 505,997	3,986	3,520
88	80	17 955	302,428	1 128,171	3,730	3,264
89	81	14 718	236,666	825,743	3,489	3,023
90	82	11 784	180,895	589,076	3,256	2,790
91	83	9 181	134,552	408,182	3,034	2,568
92	84	6 898	96,501	273,630	2,836	2,370
93	85	4 991	66,663	177,129	2,657	2,191
94	86	3 483	44,407	110,466	2,488	2,022
95	87	2 305	28,060	66,059	2,354	1,888
96	88	1 480	17,193	37,999	2,210	1,744
97	89	900	9,987	20,806	2,083	1,617
98	90	518	5,485	10,819	1,973	1,507
99	91	282	2,848	5,334	1,873	1,407
100	92	144	1,393	2,486	1,785	1,319

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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7						
8						
9	0	99 542	65 557,207	1 361 919,194	20,775	20,309
10	1	99 229	62 387,679	1 296 361,987	20,779	20,313
11	2	99 199	59 540,302	1 233 974,308	20,725	20,259
12	3	99 178	56 828,540	1 174 434,006	20,666	20,200
13	4	99 158	54 240,876	1 117 605,466	20,604	20,138
14	5	99 140	51 771,606	1 063 364,590	20,540	20,074
15	6	99 120	49 414,292	1 011 592,985	20,472	20,006
16	7	99 099	47 163,353	962 178,693	20,401	19,935
17	8	99 069	45 010,865	915 015,340	20,329	19,863
18	9	99 033	42 954,541	870 004,475	20,254	19,788
19	10	98 989	40 988,349	827 049,934	20,178	19,712
20	11	98 942	39 111,033	786 061,584	20,098	19,632
21	12	98 890	37 317,892	746 950,552	20,016	19,550
22	13	98 838	35 606,923	709 632,660	19,930	19,464
23	14	98 785	33 974,046	674 025,736	19,839	19,373
24	15	98 729	32 415,161	640 051,690	19,745	19,279
25	16	98 669	30 926,433	607 636,529	19,648	19,182
26	17	98 608	29 505,672	576 710,096	19,546	19,080
27	18	98 546	28 150,237	547 204,425	19,439	18,973
28	19	98 474	26 854,084	519 054,188	19,329	18,863
29	20	98 405	25 618,206	492 200,104	19,213	18,747
30	21	98 330	24 437,991	466 581,898	19,092	18,626
31	22	98 257	23 312,524	442 143,907	18,966	18,500
32	23	98 173	22 236,225	418 831,383	18,836	18,370
33	24	98 082	21 208,426	396 595,158	18,700	18,234
34	25	97 996	20 228,900	375 386,732	18,557	18,091
35	26	97 899	19 292,450	355 157,832	18,409	17,943
36	27	97 793	18 397,683	335 865,382	18,256	17,790
37	28	97 685	17 544,004	317 467,699	18,096	17,630
38	29	97 569	16 728,586	299 923,695	17,929	17,463
39	30	97 442	15 949,122	283 195,109	17,756	17,290
40	31	97 306	15 204,759	267 245,987	17,576	17,110
41	32	97 153	14 492,414	252 041,228	17,391	16,925
42	33	96 991	13 812,120	237 548,814	17,199	16,733
43	34	96 812	13 161,460	223 736,695	16,999	16,533
44	35	96 615	12 539,157	210 575,235	16,793	16,327
45	36	96 403	11 944,252	198 036,078	16,580	16,114
46	37	96 161	11 373,982	186 091,826	16,361	15,895
47	38	95 907	10 829,507	174 717,844	16,133	15,667
48	39	95 612	10 306,694	163 888,337	15,901	15,435
49	40	95 289	9 806,080	153 581,643	15,662	15,196
50	41	94 925	9 325,620	143 775,563	15,417	14,951
51	42	94 519	8 864,655	134 449,943	15,167	14,701
52	43	94 076	8 423,008	125 585,288	14,910	14,444
53	44	93 575	7 998,269	117 162,280	14,648	14,182
54	45	93 013	7 589,756	109 164,011	14,383	13,917
55	46	92 392	7 197,191	101 574,255	14,113	13,647
56	47	91 707	6 819,912	94 377,064	13,838	13,372
57	48	90 950	6 456,916	87 557,152	13,560	13,094
58	49	90 120	6 107,855	81 100,237	13,278	12,812
59	50	89 198	5 771,199	74 992,382	12,994	12,528
60	51	88 198	5 447,776	69 221,183	12,706	12,240
61	52	87 120	5 137,148	63 773,408	12,414	11,948
62	53	85 951	4 838,401	58 636,260	12,119	11,653
63	54	84 677	4 550,514	53 797,859	11,822	11,356
64	55	83 319	4 274,493	49 247,345	11,521	11,055
65	56	81 857	4 009,075	44 972,852	11,218	10,752
66	57	80 307	3 754,828	40 963,778	10,910	10,444
67	58	78 679	3 511,892	37 208,950	10,595	10,129
68	59	76 926	3 277,927	33 697,058	10,280	9,814
69	60	75 123	3 055,927	30 419,131	9,954	9,488
70	61	73 176	2 841,750	27 363,204	9,629	9,163
71	62	71 136	2 637,269	24 521,454	9,298	8,832
72	63	68 979	2 441,344	21 884,185	8,964	8,498
73	64	66 733	2 254,751	19 442,840	8,623	8,157
74	65	64 372	2 076,357	17 188,089	8,278	7,812
75	66	61 882	1 905,523	15 111,733	7,930	7,464
76	67	59 254	1 741,857	13 206,209	7,582	7,116
77	68	56 471	1 584,763	11 464,353	7,234	6,768
78	69	53 588	1 435,669	9 879,590	6,882	6,416
79	70	50 539	1 292,584	8 443,921	6,533	6,067
80	71	47 313	1 155,214	7 151,337	6,190	5,724
81	72	43 945	1 024,318	5 996,123	5,854	5,388
82	73	40 430	899,655	4 971,805	5,526	5,060
83	74	36 828	782,338	4 072,150	5,205	4,739
84	75	33 128	671,832	3 289,812	4,897	4,431
85	76	29 399	569,167	2 617,980	4,600	4,134
86	77	25 665	474,354	2 048,813	4,319	3,853
87	78	22 033	388,750	1 574,459	4,050	3,584
88	79	18 566	312,724	1 185,710	3,792	3,326
89	80	15 306	246,119	872,985	3,547	3,081
90	81	12 327	189,233	626,866	3,313	2,847
91	82	9 668	141,684	437,633	3,089	2,623
92	83	7 323	102,451	295,949	2,889	2,423
93	84	5 351	71,468	193,497	2,707	2,241
94	85	3 774	48,123	122,030	2,536	2,070
95	86	2 530	30,798	73,907	2,400	1,934
96	87	1 646	19,128	43,109	2,254	1,788
97	88	1 017	11,282	23,980	2,125	1,659
98	89	596	6,311	12,698	2,012	1,546
99	90	331	3,343	6,387	1,911	1,445
100	91	173	1,673	3,044	1,819	1,353

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	62 579,413	1 297 237,931	20,729	20,263
11	1	99 221	59 554,063	1 234 658,518	20,732	20,266
12	2	99 190	56 835,308	1 175 104,455	20,676	20,210
13	3	99 170	54 247,339	1 118 269,147	20,614	20,148
14	4	99 149	51 776,314	1 064 021,809	20,550	20,084
15	5	99 128	49 417,998	1 012 245,495	20,483	20,017
16	6	99 106	47 166,458	962 827,497	20,413	19,947
17	7	99 073	45 013,084	915 661,039	20,342	19,876
18	8	99 040	42 957,200	870 647,955	20,268	19,802
19	9	98 995	40 991,002	827 690,755	20,192	19,726
20	10	98 948	39 113,350	786 699,753	20,113	19,647
21	11	98 897	37 320,672	747 586,403	20,031	19,565
22	12	98 846	35 609,741	710 265,731	19,946	19,480
23	13	98 793	33 976,959	674 655,991	19,856	19,390
24	14	98 739	32 418,563	640 679,032	19,763	19,297
25	15	98 681	30 930,302	608 260,469	19,666	19,200
26	16	98 622	29 509,836	577 330,167	19,564	19,098
27	17	98 561	28 154,359	547 820,331	19,458	18,992
28	18	98 494	26 859,553	519 665,972	19,348	18,882
29	19	98 424	25 623,152	492 806,418	19,233	18,767
30	20	98 348	24 442,517	467 183,267	19,114	18,648
31	21	98 273	23 316,384	442 740,749	18,988	18,522
32	22	98 190	22 240,073	419 424,365	18,859	18,393
33	23	98 104	21 213,029	397 184,292	18,724	18,258
34	24	98 013	20 232,331	375 971,263	18,583	18,117
35	25	97 917	19 296,048	355 738,932	18,436	17,970
36	26	97 812	18 401,263	336 442,884	18,284	17,818
37	27	97 706	17 547,837	318 041,621	18,124	17,658
38	28	97 593	16 732,759	300 493,784	17,958	17,492
39	29	97 467	15 953,250	283 761,025	17,787	17,321
40	30	97 335	15 209,275	267 807,774	17,608	17,142
41	31	97 184	14 497,041	252 598,500	17,424	16,958
42	32	97 024	13 816,915	238 101,458	17,233	16,767
43	33	96 846	13 166,147	224 284,543	17,035	16,569
44	34	96 653	12 544,063	211 118,396	16,830	16,364
45	35	96 442	11 949,061	198 574,333	16,618	16,152
46	36	96 206	11 379,317	186 625,272	16,400	15,934
47	37	95 951	10 834,494	175 245,955	16,175	15,709
48	38	95 668	10 312,733	164 411,461	15,943	15,477
49	39	95 346	9 811,925	154 098,728	15,705	15,239
50	40	94 989	9 331,954	144 286,803	15,462	14,996
51	41	94 591	8 871,423	134 954,849	15,212	14,746
52	42	94 154	8 430,003	126 083,426	14,957	14,491
53	43	93 659	8 005,474	117 653,423	14,697	14,231
54	44	93 108	7 597,506	109 647,949	14,432	13,966
55	45	92 495	7 205,202	102 050,444	14,163	13,697
56	46	91 824	6 828,582	94 845,241	13,889	13,423
57	47	91 081	6 466,185	88 016,659	13,612	13,146
58	48	90 265	6 117,640	81 550,473	13,330	12,864
59	49	89 360	5 781,672	75 432,833	13,047	12,581
60	50	88 373	5 458,532	69 651,161	12,760	12,294
61	51	87 313	5 148,520	64 192,629	12,468	12,002
62	52	86 163	4 850,310	59 044,109	12,173	11,707
63	53	84 909	4 562,985	54 193,799	11,877	11,411
64	54	83 570	4 287,396	49 630,814	11,576	11,110
65	55	82 129	4 022,402	45 343,418	11,273	10,807
66	56	80 599	3 768,465	41 321,015	10,965	10,499
67	57	78 995	3 525,969	37 552,550	10,650	10,184
68	58	77 267	3 292,449	34 026,581	10,335	9,869
69	59	75 487	3 070,759	30 734,132	10,009	9,543
70	60	73 573	2 857,153	27 663,374	9,682	9,216
71	61	71 536	2 652,108	24 806,220	9,353	8,887
72	62	69 401	2 456,270	22 154,113	9,019	8,553
73	63	67 176	2 269,696	19 697,843	8,679	8,213
74	64	64 845	2 091,599	17 428,147	8,332	7,866
75	65	62 382	1 920,914	15 336,548	7,984	7,518
76	66	59 776	1 757,207	13 415,634	7,635	7,169
77	67	57 024	1 600,276	11 658,428	7,285	6,819
78	68	54 141	1 450,485	10 058,151	6,934	6,468
79	69	51 110	1 307,189	8 607,666	6,585	6,119
80	70	47 897	1 169,462	7 300,477	6,243	5,777
81	71	44 542	1 038,220	6 131,015	5,905	5,439
82	72	41 021	912,808	5 092,796	5,579	5,113
83	73	37 407	794,641	4 179,988	5,260	4,794
84	74	33 705	683,526	3 385,346	4,953	4,487
85	75	29 970	580,230	2 701,820	4,656	4,190
86	76	26 238	484,939	2 121,590	4,375	3,909
87	77	22 585	398,493	1 636,651	4,107	3,641
88	78	19 103	321,766	1 238,158	3,848	3,382
89	79	15 827	254,498	916,392	3,601	3,135
90	80	12 819	196,791	661,893	3,363	2,897
91	81	10 114	148,215	465,102	3,138	2,672
92	82	7 711	107,882	316,887	2,937	2,471
93	83	5 681	75,874	209,005	2,755	2,289
94	84	4 046	51,591	133,130	2,581	2,115
95	85	2 742	33,376	81,540	2,443	1,977
96	86	1 807	20,995	48,164	2,294	1,828
97	87	1 132	12,552	27,169	2,164	1,698
98	88	673	7,130	14,617	2,050	1,584
99	89	380	3,846	7,487	1,946	1,480
100	90	203	1,964	3,640	1,854	1,388

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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7						
8						
9						
10						
11	0	99 526	59 737,089	1 235 468,371	20,682	20,216
12	1	99 213	56 848,443	1 175 731,282	20,682	20,216
13	2	99 182	54 253,799	1 118 882,839	20,623	20,157
14	3	99 161	51 782,483	1 064 629,040	20,560	20,094
15	4	99 137	49 422,492	1 012 846,557	20,494	20,028
16	5	99 113	47 169,995	963 424,065	20,425	19,959
17	6	99 080	45 016,047	916 254,069	20,354	19,888
18	7	99 044	42 959,318	871 238,022	20,281	19,815
19	8	99 002	40 993,540	828 278,704	20,205	19,739
20	9	98 954	39 115,881	787 285,164	20,127	19,661
21	10	98 903	37 322,883	748 169,283	20,046	19,580
22	11	98 853	35 612,393	710 846,400	19,961	19,495
23	12	98 801	33 979,647	675 234,007	19,872	19,406
24	13	98 748	32 421,342	641 254,360	19,779	19,313
25	14	98 692	30 933,548	608 833,018	19,682	19,216
26	15	98 634	29 513,528	577 899,469	19,581	19,115
27	16	98 575	28 158,333	548 385,941	19,475	19,009
28	17	98 509	26 863,487	520 227,609	19,366	18,900
29	18	98 444	25 628,371	493 364,122	19,251	18,785
30	19	98 367	24 447,236	467 735,751	19,132	18,666
31	20	98 292	23 320,702	443 288,515	19,008	18,542
32	21	98 206	22 243,756	419 967,813	18,880	18,414
33	22	98 121	21 216,700	397 724,057	18,746	18,280
34	23	98 034	20 236,722	376 507,356	18,605	18,139
35	24	97 934	19 299,321	356 270,634	18,460	17,994
36	25	97 830	18 404,695	336 971,314	18,309	17,843
37	26	97 725	17 551,252	318 566,619	18,151	17,685
38	27	97 615	16 736,415	301 015,367	17,986	17,520
39	28	97 491	15 957,230	284 278,952	17,815	17,349
40	29	97 360	15 213,212	268 321,722	17,637	17,171
41	30	97 213	14 501,347	253 108,511	17,454	16,988
42	31	97 055	13 821,327	238 607,163	17,264	16,798
43	32	96 880	13 170,718	224 785,837	17,067	16,601
44	33	96 687	12 548,531	211 615,118	16,864	16,398
45	34	96 480	11 953,737	199 066,588	16,653	16,187
46	35	96 245	11 383,899	187 112,851	16,437	15,971
47	36	95 996	10 839,576	175 728,952	16,212	15,746
48	37	95 712	10 317,482	164 889,376	15,982	15,516
49	38	95 402	9 817,675	154 571,895	15,744	15,278
50	39	95 046	9 337,516	144 754,220	15,502	15,036
51	40	94 655	8 877,448	135 416,704	15,254	14,788
52	41	94 226	8 436,439	126 539,256	14,999	14,533
53	42	93 737	8 012,122	118 102,817	14,741	14,275
54	43	93 192	7 604,349	110 090,695	14,477	14,011
55	44	92 589	7 212,560	102 486,345	14,209	13,743
56	45	91 926	6 836,184	95 273,786	13,937	13,471
57	46	91 197	6 474,406	88 437,602	13,660	13,194
58	47	90 394	6 126,423	81 963,196	13,379	12,913
59	48	89 503	5 790,935	75 836,773	13,096	12,630
60	49	88 533	5 468,438	70 045,838	12,809	12,343
61	50	87 485	5 158,686	64 577,400	12,518	12,052
62	51	86 353	4 861,047	59 418,714	12,223	11,757
63	52	85 118	4 574,216	54 557,667	11,927	11,461
64	53	83 799	4 299,147	49 983,451	11,626	11,160
65	54	82 377	4 034,545	45 684,305	11,323	10,857
66	55	80 867	3 780,993	41 649,760	11,016	10,550
67	56	79 282	3 538,775	37 868,766	10,701	10,235
68	57	77 577	3 305,646	34 329,991	10,385	9,919
69	58	75 822	3 084,362	31 024,345	10,059	9,593
70	59	73 930	2 871,020	27 939,983	9,732	9,266
71	60	71 924	2 666,483	25 068,963	9,402	8,936
72	61	69 792	2 470,091	22 402,480	9,069	8,603
73	62	67 586	2 283,572	19 932,389	8,729	8,263
74	63	65 275	2 105,462	17 648,817	8,382	7,916
75	64	62 840	1 935,015	15 543,355	8,033	7,567
76	65	60 259	1 771,399	13 608,340	7,682	7,216
77	66	57 526	1 614,379	11 836,941	7,332	6,866
78	67	54 671	1 464,684	10 222,562	6,979	6,513
79	68	51 638	1 320,679	8 757,878	6,631	6,165
80	69	48 438	1 182,675	7 437,199	6,288	5,822
81	70	45 091	1 051,025	6 254,524	5,951	5,485
82	71	41 578	925,197	5 203,499	5,624	5,158
83	72	37 954	806,259	4 278,302	5,306	4,840
84	73	34 235	694,276	3 472,043	5,001	4,535
85	74	30 492	590,330	2 777,767	4,705	4,239
86	75	26 748	494,365	2 187,437	4,425	3,959
87	76	23 089	407,385	1 693,072	4,156	3,690
88	77	19 582	329,831	1 285,687	3,898	3,432
89	78	16 284	261,857	955,856	3,650	3,184
90	79	13 256	203,491	694,000	3,410	2,944
91	80	10 518	154,135	490,509	3,182	2,716
92	81	8 067	112,855	336,374	2,981	2,515
93	82	5 982	79,897	223,519	2,798	2,332
94	83	4 296	54,772	143,623	2,622	2,156
95	84	2 940	35,781	88,850	2,483	2,017
96	85	1 958	22,752	53,069	2,333	1,867
97	86	1 242	13,777	30,318	2,201	1,735
98	87	749	7,933	16,540	2,085	1,619
99	88	430	4,345	8,608	1,981	1,515
100	89	234	2,259	4,262	1,886	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	57 023,154	1 176 480,211	20,632	20,166
13	1	99 205	54 266,338	1 119 457,057	20,629	20,163
14	2	99 172	51 788,650	1 065 190,720	20,568	20,102
15	3	99 149	49 428,381	1 013 402,070	20,502	20,036
16	4	99 122	47 174,285	963 973,689	20,434	19,968
17	5	99 087	45 019,424	916 799,404	20,365	19,899
18	6	99 051	42 962,146	871 779,981	20,292	19,826
19	7	99 006	40 995,561	828 817,835	20,217	19,751
20	8	98 960	39 118,303	787 822,274	20,139	19,673
21	9	98 909	37 325,298	748 703,971	20,059	19,593
22	10	98 859	35 614,503	711 378,672	19,974	19,508
23	11	98 808	33 982,178	675 764,169	19,886	19,420
24	12	98 756	32 423,907	641 781,991	19,793	19,327
25	13	98 700	30 936,200	609 358,083	19,697	19,231
26	14	98 644	29 516,625	578 421,883	19,596	19,130
27	15	98 587	28 161,856	548 905,258	19,491	19,025
28	16	98 523	26 867,278	520 743,402	19,382	18,916
29	17	98 458	25 632,124	493 876,125	19,268	18,802
30	18	98 387	24 452,216	468 244,001	19,149	18,683
31	19	98 311	23 325,205	443 791,785	19,026	18,560
32	20	98 224	22 247,876	420 466,580	18,899	18,433
33	21	98 137	21 220,213	398 218,705	18,766	18,300
34	22	98 051	20 240,224	376 998,491	18,626	18,160
35	23	97 955	19 303,509	356 758,267	18,482	18,016
36	24	97 847	18 407,816	337 454,758	18,332	17,866
37	25	97 744	17 554,525	319 046,941	18,175	17,709
38	26	97 634	16 739,672	301 492,416	18,011	17,545
39	27	97 512	15 960,716	284 752,744	17,841	17,375
40	28	97 385	15 217,007	268 792,028	17,664	17,198
41	29	97 238	14 505,101	253 575,021	17,482	17,016
42	30	97 084	13 825,432	239 069,921	17,292	16,826
43	31	96 911	13 174,924	225 244,489	17,096	16,630
44	32	96 721	12 552,887	212 069,565	16,894	16,428
45	33	96 514	11 957,994	199 516,678	16,685	16,219
46	34	96 282	11 388,353	187 558,684	16,469	16,003
47	35	96 034	10 843,940	176 170,331	16,246	15,780
48	36	95 757	10 322,321	165 326,390	16,016	15,550
49	37	95 446	9 822,195	155 004,069	15,781	15,315
50	38	95 102	9 342,988	145 181,874	15,539	15,073
51	39	94 711	8 882,739	135 838,886	15,292	14,826
52	40	94 290	8 442,169	126 956,147	15,038	14,572
53	41	93 809	8 018,239	118 513,978	14,781	14,315
54	42	93 270	7 610,665	110 495,739	14,519	14,053
55	43	92 673	7 219,056	102 885,074	14,252	13,786
56	44	92 020	6 843,164	95 666,018	13,980	13,514
57	45	91 298	6 481,613	88 822,854	13,704	13,238
58	46	90 509	6 134,212	82 341,240	13,423	12,957
59	47	89 631	5 799,249	76 207,029	13,141	12,675
60	48	88 675	5 477,199	70 407,780	12,855	12,389
61	49	87 644	5 168,047	64 930,581	12,564	12,098
62	50	86 524	4 870,645	59 762,534	12,270	11,804
63	51	85 306	4 584,342	54 891,888	11,974	11,508
64	52	84 006	4 309,728	50 307,546	11,673	11,207
65	53	82 603	4 045,602	45 997,818	11,370	10,904
66	54	81 111	3 792,407	41 952,216	11,062	10,596
67	55	79 545	3 550,540	38 159,809	10,748	10,282
68	56	77 858	3 317,652	34 609,269	10,432	9,966
69	57	76 126	3 096,725	31 291,617	10,105	9,639
70	58	74 257	2 883,739	28 194,892	9,777	9,311
71	59	72 273	2 679,424	25 311,153	9,446	8,980
72	60	70 170	2 483,479	22 631,728	9,113	8,647
73	61	67 967	2 296,421	20 148,249	8,774	8,308
74	62	65 674	2 118,334	17 851,829	8,427	7,961
75	63	63 257	1 947,841	15 733,494	8,077	7,611
76	64	60 701	1 784,403	13 785,654	7,726	7,260
77	65	57 991	1 627,418	12 001,251	7,374	6,908
78	66	55 153	1 477,592	10 373,833	7,021	6,555
79	67	52 143	1 333,608	8 896,241	6,671	6,205
80	68	48 938	1 194,880	7 562,633	6,329	5,863
81	69	45 600	1 062,900	6 367,753	5,991	5,525
82	70	42 091	936,608	5 304,853	5,664	5,198
83	71	38 469	817,201	4 368,245	5,345	4,879
84	72	34 736	704,426	3 551,044	5,041	4,575
85	73	30 972	599,614	2 846,618	4,747	4,281
86	74	27 214	502,970	2 247,004	4,467	4,001
87	75	23 538	415,304	1 744,034	4,199	3,733
88	76	20 018	337,191	1 328,730	3,941	3,475
89	77	16 693	268,420	991,540	3,694	3,228
90	78	13 639	209,374	723,120	3,454	2,988
91	79	10 876	159,382	513,746	3,223	2,757
92	80	8 389	117,363	354,363	3,019	2,553
93	81	6 258	83,579	237,001	2,836	2,370
94	82	4 523	57,675	153,421	2,660	2,194
95	83	3 121	37,987	95,746	2,520	2,054
96	84	2 099	24,391	57,758	2,368	1,902
97	85	1 346	14,930	33,367	2,235	1,769
98	86	822	8,707	18,437	2,118	1,651
99	87	478	4,835	9,730	2,013	1,546
100	88	264	2,552	4,895	1,918	1,452

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	54 433,113	1 120 149,840	20,578	20,112
14	1	99 195	51 800,619	1 065 716,727	20,573	20,107
15	2	99 160	49 434,267	1 013 916,109	20,510	20,044
16	3	99 134	47 179,906	964 481,841	20,443	19,977
17	4	99 096	45 023,518	917 301,935	20,374	19,908
18	5	99 058	42 965,368	872 278,418	20,302	19,836
19	6	99 013	40 998,259	829 313,050	20,228	19,762
20	7	98 965	39 120,232	788 314,790	20,151	19,685
21	8	98 916	37 327,609	749 194,559	20,071	19,605
22	9	98 865	35 616,808	711 866,949	19,987	19,521
23	10	98 814	33 984,192	676 250,141	19,899	19,433
24	11	98 763	32 426,323	642 265,949	19,807	19,341
25	12	98 708	30 938,648	609 839,627	19,711	19,245
26	13	98 653	29 519,156	578 900,979	19,611	19,145
27	14	98 597	28 164,811	549 381,823	19,506	19,040
28	15	98 535	26 870,639	521 217,012	19,397	18,931
29	16	98 472	25 635,741	494 346,373	19,283	18,817
30	17	98 402	24 455,797	468 710,632	19,166	18,700
31	18	98 331	23 329,956	444 254,835	19,042	18,576
32	19	98 243	22 252,171	420 924,880	18,916	18,450
33	20	98 155	21 224,144	398 672,709	18,784	18,318
34	21	98 067	20 243,576	377 448,565	18,645	18,179
35	22	97 972	19 306,850	357 204,989	18,501	18,035
36	23	97 868	18 411,811	337 898,139	18,352	17,886
37	24	97 760	17 557,502	319 486,328	18,197	17,731
38	25	97 652	16 742,794	301 928,825	18,033	17,567
39	26	97 531	15 963,822	285 186,031	17,865	17,399
40	27	97 406	15 220,331	269 222,209	17,688	17,222
41	28	97 262	14 508,719	254 001,878	17,507	17,041
42	29	97 109	13 829,011	239 493,159	17,318	16,852
43	30	96 939	13 178,837	225 664,148	17,123	16,657
44	31	96 752	12 556,895	212 485,311	16,922	16,456
45	32	96 547	11 962,146	199 928,416	16,713	16,247
46	33	96 317	11 392,409	187 966,271	16,499	16,033
47	34	96 072	10 848,183	176 573,861	16,277	15,811
48	35	95 796	10 326,478	165 725,678	16,049	15,583
49	36	95 490	9 826,803	155 399,200	15,814	15,348
50	37	95 145	9 347,290	145 572,398	15,574	15,108
51	38	94 767	8 887,944	136 225,108	15,327	14,861
52	39	94 346	8 447,201	127 337,164	15,074	14,608
53	40	93 872	8 023,685	118 889,963	14,817	14,351
54	41	93 341	7 616,475	110 866,278	14,556	14,090
55	42	92 750	7 225,052	103 249,803	14,291	13,825
56	43	92 103	6 849,328	96 024,752	14,020	13,554
57	44	91 392	6 488,232	89 175,423	13,744	13,278
58	45	90 610	6 141,040	82 687,192	13,465	12,999
59	46	89 745	5 806,621	76 546,152	13,183	12,717
60	47	88 802	5 485,063	70 739,530	12,897	12,431
61	48	87 784	5 176,327	65 254,468	12,606	12,140
62	49	86 681	4 879,484	60 078,141	12,312	11,846
63	50	85 475	4 593,394	55 198,656	12,017	11,551
64	51	84 191	4 319,269	50 605,262	11,716	11,250
65	52	82 806	4 055,560	46 285,994	11,413	10,947
66	53	81 334	3 802,801	42 230,434	11,105	10,639
67	54	79 785	3 561,258	38 427,633	10,790	10,324
68	55	78 117	3 328,681	34 866,376	10,475	10,009
69	56	76 402	3 107,973	31 537,694	10,147	9,681
70	57	74 555	2 895,298	28 429,722	9,819	9,353
71	58	72 593	2 691,294	25 534,424	9,488	9,022
72	59	70 510	2 495,532	22 843,129	9,154	8,688
73	60	68 335	2 308,868	20 347,597	8,813	8,347
74	61	66 043	2 130,253	18 038,729	8,468	8,002
75	62	63 643	1 959,749	15 908,475	8,118	7,652
76	63	61 104	1 796,230	13 948,726	7,766	7,300
77	64	58 417	1 639,364	12 152,496	7,413	6,947
78	65	55 598	1 489,526	10 513,132	7,058	6,592
79	66	52 603	1 345,360	9 023,605	6,707	6,241
80	67	49 417	1 206,577	7 678,246	6,364	5,898
81	68	46 071	1 073,869	6 471,668	6,026	5,560
82	69	42 566	947,190	5 397,799	5,699	5,233
83	70	38 944	827,281	4 450,609	5,380	4,914
84	71	35 207	713,987	3 623,328	5,075	4,609
85	72	31 424	608,380	2 909,342	4,782	4,316
86	73	27 642	510,880	2 300,962	4,504	4,038
87	74	23 948	422,533	1 790,082	4,237	3,771
88	75	20 408	343,745	1 367,549	3,978	3,512
89	76	17 065	274,409	1 023,804	3,731	3,265
90	77	13 981	214,622	749,395	3,492	3,026
91	78	11 190	163,991	534,773	3,261	2,795
92	79	8 674	121,358	370,782	3,055	2,589
93	80	6 508	86,918	249,424	2,870	2,404
94	81	4 732	60,334	162,506	2,693	2,227
95	82	3 286	40,001	102,173	2,554	2,088
96	83	2 228	25,896	62,171	2,401	1,935
97	84	1 443	16,006	36,276	2,266	1,800
98	85	891	9,435	20,270	2,148	1,682
99	86	525	5,306	10,834	2,042	1,576
100	87	294	2,840	5,528	1,947	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	51 959,816	1 066 357,759	20,523	20,057
15	1	99 183	49 445,692	1 014 397,943	20,515	20,049
16	2	99 146	47 185,525	964 952,251	20,450	19,984
17	3	99 108	45 028,882	917 766,726	20,382	19,916
18	4	99 067	42 969,276	872 737,844	20,311	19,845
19	5	99 020	41 001,334	829 768,568	20,238	19,772
20	6	98 972	39 122,807	788 767,234	20,161	19,695
21	7	98 920	37 329,450	749 644,427	20,082	19,616
22	8	98 871	35 619,013	712 314,977	19,998	19,532
23	9	98 821	33 986,391	676 695,964	19,911	19,445
24	10	98 769	32 428,244	642 709,573	19,819	19,353
25	11	98 715	30 940,952	610 281,329	19,724	19,258
26	12	98 660	29 521,491	579 340,377	19,624	19,158
27	13	98 606	28 167,226	549 818,885	19,520	19,054
28	14	98 545	26 873,459	521 651,660	19,411	18,945
29	15	98 484	25 638,949	494 778,200	19,298	18,832
30	16	98 416	24 459,248	469 139,252	19,180	18,714
31	17	98 345	23 333,372	444 680,004	19,058	18,592
32	18	98 263	22 256,703	421 346,632	18,931	18,465
33	19	98 174	21 228,241	399 089,929	18,800	18,334
34	20	98 085	20 247,325	377 861,688	18,662	18,196
35	21	97 988	19 310,047	357 614,363	18,520	18,054
36	22	97 885	18 414,998	338 304,315	18,371	17,905
37	23	97 781	17 561,313	319 889,317	18,216	17,750
38	24	97 669	16 745,634	302 328,005	18,054	17,588
39	25	97 550	15 966,800	285 582,371	17,886	17,420
40	26	97 425	15 223,293	269 615,572	17,711	17,245
41	27	97 284	14 511,889	254 392,278	17,530	17,064
42	28	97 133	13 832,460	239 880,389	17,342	16,876
43	29	96 965	13 182,248	226 047,929	17,148	16,682
44	30	96 781	12 560,625	212 865,681	16,947	16,481
45	31	96 578	11 965,965	200 305,056	16,740	16,274
46	32	96 350	11 396,364	188 339,091	16,526	16,060
47	33	96 106	10 852,047	176 942,726	16,305	15,839
48	34	95 833	10 330,518	166 090,679	16,078	15,612
49	35	95 529	9 830,759	155 760,161	15,844	15,378
50	36	95 190	9 351,674	145 929,402	15,605	15,139
51	37	94 811	8 892,037	136 577,728	15,360	14,894
52	38	94 401	8 452,151	127 685,691	15,107	14,641
53	39	93 928	8 028,467	119 233,540	14,851	14,385
54	40	93 404	7 621,648	111 205,073	14,591	14,125
55	41	92 821	7 230,568	103 583,425	14,326	13,860
56	42	92 179	6 855,017	96 352,858	14,056	13,590
57	43	91 474	6 494,076	89 497,841	13,781	13,315
58	44	90 702	6 147,311	83 003,765	13,502	13,036
59	45	89 845	5 813,085	76 856,455	13,221	12,755
60	46	88 915	5 492,036	71 043,369	12,936	12,470
61	47	87 910	5 183,758	65 551,333	12,646	12,180
62	48	86 820	4 887,302	60 367,575	12,352	11,886
63	49	85 630	4 601,730	55 480,273	12,056	11,590
64	50	84 358	4 327,797	50 878,543	11,756	11,290
65	51	82 990	4 064,537	46 550,746	11,453	10,987
66	52	81 534	3 812,161	42 486,209	11,145	10,679
67	53	80 004	3 571,018	38 674,048	10,830	10,364
68	54	78 353	3 338,730	35 103,030	10,514	10,048
69	55	76 656	3 118,305	31 764,301	10,186	9,720
70	56	74 826	2 905,814	28 645,996	9,858	9,392
71	57	72 884	2 702,082	25 740,182	9,526	9,060
72	58	70 823	2 506,588	23 038,100	9,191	8,725
73	59	68 667	2 320,074	20 531,512	8,850	8,383
74	60	66 401	2 141,800	18 211,438	8,503	8,037
75	61	64 001	1 970,776	16 069,638	8,154	7,688
76	62	61 477	1 807,212	14 098,863	7,801	7,335
77	63	58 804	1 650,230	12 291,651	7,448	6,982
78	64	56 007	1 500,461	10 641,420	7,092	6,626
79	65	53 027	1 356,226	9 140,960	6,740	6,274
80	66	49 853	1 217,210	7 784,734	6,396	5,930
81	67	46 522	1 084,382	6 567,523	6,056	5,590
82	68	43 006	956,965	5 483,142	5,730	5,264
83	69	39 384	836,628	4 526,176	5,410	4,944
84	70	35 641	722,793	3 689,549	5,105	4,639
85	71	31 851	616,637	2 966,756	4,811	4,345
86	72	28 046	518,349	2 350,119	4,534	4,068
87	73	24 324	429,178	1 831,770	4,268	3,802
88	74	20 763	349,728	1 402,593	4,011	3,545
89	75	17 397	279,743	1 052,864	3,764	3,298
90	76	14 293	219,411	773,121	3,524	3,058
91	77	11 471	168,101	553,710	3,294	2,828
92	78	8 925	124,867	385,609	3,088	2,622
93	79	6 729	89,877	260,742	2,901	2,435
94	80	4 921	62,744	170,866	2,723	2,257
95	81	3 438	41,845	108,122	2,584	2,118
96	82	2 347	27,268	66,277	2,431	1,965
97	83	1 532	16,993	39,009	2,296	1,830
98	84	955	10,115	22,015	2,176	1,710
99	85	569	5,751	11,900	2,069	1,603
100	86	323	3,117	6,150	1,973	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	49 597,652	1 014 991,261	20,465	19,998
16	1	99 168	47 196,430	965 393,609	20,455	19,989
17	2	99 120	45 034,245	918 197,179	20,389	19,923
18	3	99 079	42 974,395	873 162,934	20,318	19,852
19	4	99 029	41 005,063	830 188,539	20,246	19,780
20	5	98 979	39 125,741	789 183,476	20,170	19,704
21	6	98 927	37 331,907	750 057,735	20,092	19,626
22	7	98 876	35 620,769	712 725,827	20,009	19,543
23	8	98 827	33 988,495	677 105,058	19,922	19,456
24	9	98 775	32 430,343	643 116,563	19,831	19,365
25	10	98 721	30 942,786	610 686,221	19,736	19,270
26	11	98 668	29 523,690	579 743,435	19,637	19,171
27	12	98 614	28 169,454	550 219,744	19,532	19,066
28	13	98 554	26 875,763	522 050,290	19,425	18,959
29	14	98 495	25 641,639	495 174,527	19,311	18,845
30	15	98 428	24 462,308	469 532,888	19,194	18,728
31	16	98 359	23 336,665	445 070,580	19,072	18,606
32	17	98 277	22 259,962	421 733,915	18,946	18,480
33	18	98 194	21 232,565	399 473,952	18,814	18,348
34	19	98 104	20 251,234	378 241,387	18,677	18,211
35	20	98 006	19 313,623	357 990,153	18,536	18,070
36	21	97 901	18 418,047	338 676,530	18,388	17,922
37	22	97 798	17 564,352	320 258,483	18,233	17,767
38	23	97 690	16 749,268	302 694,130	18,072	17,606
39	24	97 566	15 969,507	285 944,862	17,906	17,440
40	25	97 443	15 226,132	269 975,355	17,731	17,265
41	26	97 302	14 514,713	254 749,223	17,551	17,085
42	27	97 155	13 835,482	240 234,509	17,364	16,898
43	28	96 989	13 185,537	226 399,027	17,170	16,704
44	29	96 806	12 563,876	213 213,491	16,970	16,504
45	30	96 607	11 969,519	200 649,614	16,763	16,297
46	31	96 381	11 400,003	188 680,095	16,551	16,085
47	32	96 140	10 855,815	177 280,092	16,330	15,864
48	33	95 867	10 334,197	166 424,277	16,104	15,638
49	34	95 566	9 834,606	156 090,080	15,872	15,406
50	35	95 228	9 355,440	146 255,474	15,633	15,167
51	36	94 855	8 896,208	136 900,034	15,389	14,923
52	37	94 445	8 456,043	128 003,827	15,138	14,672
53	38	93 983	8 033,172	119 547,784	14,882	14,416
54	39	93 460	7 626,191	111 514,612	14,623	14,157
55	40	92 884	7 235,478	103 888,422	14,358	13,892
56	41	92 250	6 860,250	96 652,943	14,089	13,623
57	42	91 550	6 499,469	89 792,693	13,815	13,349
58	43	90 784	6 152,848	83 293,224	13,537	13,071
59	44	89 937	5 819,021	77 140,376	13,257	12,791
60	45	89 014	5 498,150	71 321,355	12,972	12,506
61	46	88 022	5 190,349	65 823,206	12,682	12,216
62	47	86 945	4 894,318	60 632,857	12,388	11,922
63	48	85 767	4 609,102	55 738,539	12,093	11,627
64	49	84 511	4 335,651	51 129,437	11,793	11,327
65	50	83 153	4 072,563	46 793,786	11,490	11,024
66	51	81 714	3 820,599	42 721,223	11,182	10,716
67	52	80 201	3 579,807	38 900,623	10,867	10,401
68	53	78 568	3 347,880	35 320,816	10,550	10,084
69	54	76 888	3 127,718	31 972,936	10,222	9,756
70	55	75 074	2 915,474	28 845,218	9,894	9,428
71	56	73 149	2 711,896	25 929,744	9,561	9,095
72	57	71 107	2 516,635	23 217,848	9,226	8,760
73	58	68 971	2 330,352	20 701,213	8,883	8,417
74	59	66 724	2 152,195	18 370,861	8,536	8,070
75	60	64 348	1 981,458	16 218,666	8,185	7,719
76	61	61 823	1 817,380	14 237,208	7,834	7,368
77	62	59 163	1 660,319	12 419,828	7,480	7,014
78	63	56 378	1 510,406	10 759,508	7,124	6,658
79	64	53 417	1 366,182	9 249,102	6,770	6,304
80	65	50 255	1 227,042	7 882,920	6,424	5,958
81	66	46 932	1 093,938	6 655,879	6,084	5,618
82	67	43 427	966,333	5 561,941	5,756	5,290
83	68	39 790	845,262	4 595,608	5,437	4,971
84	69	36 044	730,959	3 750,346	5,131	4,665
85	70	32 244	624,242	3 019,387	4,837	4,371
86	71	28 427	525,384	2 395,145	4,559	4,093
87	72	24 680	435,452	1 869,761	4,294	3,828
88	73	21 089	355,228	1 434,309	4,038	3,572
89	74	17 700	284,612	1 079,080	3,791	3,325
90	75	14 571	223,676	794,468	3,552	3,086
91	76	11 727	171,852	570,792	3,321	2,855
92	77	9 149	127,997	398,940	3,117	2,651
93	78	6 924	92,475	270,943	2,930	2,464
94	79	5 088	64,880	178,468	2,751	2,285
95	80	3 575	43,516	113,588	2,610	2,144
96	81	2 455	28,525	70,072	2,456	1,990
97	82	1 613	17,894	41,547	2,322	1,856
98	83	1 014	10,739	23,653	2,202	1,736
99	84	610	6,165	12,914	2,095	1,629
100	85	350	3,378	6,749	1,998	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	47 341,477	965 942,921	20,404	19,938
17	1	99 143	45 044,653	918 601,444	20,393	19,927
18	2	99 091	42 979,513	873 556,791	20,325	19,859
19	3	99 041	41 009,949	830 577,277	20,253	19,787
20	4	98 988	39 129,299	789 567,329	20,178	19,712
21	5	98 934	37 334,707	750 438,030	20,100	19,634
22	6	98 883	35 623,114	713 103,323	20,018	19,552
23	7	98 832	33 990,171	677 480,208	19,932	19,466
24	8	98 781	32 432,351	643 490,038	19,841	19,375
25	9	98 728	30 944,788	611 057,687	19,747	19,281
26	10	98 674	29 525,440	580 112,899	19,648	19,182
27	11	98 621	28 171,553	550 587,459	19,544	19,078
28	12	98 562	26 877,890	522 415,907	19,437	18,971
29	13	98 503	25 643,837	495 538,017	19,324	18,858
30	14	98 438	24 464,875	469 894,180	19,207	18,741
31	15	98 371	23 339,585	445 429,304	19,085	18,619
32	16	98 291	22 263,104	422 089,719	18,959	18,493
33	17	98 209	21 235,674	399 826,616	18,828	18,362
34	18	98 124	20 255,359	378 590,941	18,691	18,225
35	19	98 025	19 317,352	358 335,583	18,550	18,084
36	20	97 919	18 421,458	339 018,230	18,403	17,937
37	21	97 814	17 567,261	320 596,772	18,250	17,784
38	22	97 707	16 752,167	303 029,511	18,089	17,623
39	23	97 587	15 972,973	286 277,345	17,923	17,457
40	24	97 460	15 228,715	270 304,371	17,750	17,284
41	25	97 321	14 517,420	255 075,657	17,570	17,104
42	26	97 174	13 838,175	240 558,237	17,384	16,918
43	27	97 010	13 188,417	226 720,062	17,191	16,725
44	28	96 830	12 567,010	213 531,644	16,991	16,525
45	29	96 632	11 972,618	200 964,634	16,785	16,319
46	30	96 409	11 403,389	188 992,017	16,573	16,107
47	31	96 170	10 859,281	177 588,627	16,354	15,888
48	32	95 901	10 337,785	166 729,346	16,128	15,662
49	33	95 600	9 838,109	156 391,561	15,897	15,430
50	34	95 266	9 359,100	146 553,453	15,659	15,193
51	35	94 893	8 899,790	137 194,353	15,415	14,949
52	36	94 489	8 460,009	128 294,563	15,165	14,699
53	37	94 027	8 036,871	119 834,554	14,911	14,445
54	38	93 515	7 630,660	111 797,683	14,651	14,185
55	39	92 939	7 239,791	104 167,023	14,388	13,922
56	40	92 313	6 864,909	96 927,232	14,119	13,653
57	41	91 620	6 504,431	90 062,323	13,846	13,380
58	42	90 860	6 157,958	83 557,892	13,569	13,103
59	43	90 018	5 824,262	77 399,934	13,289	12,823
60	44	89 105	5 503,764	71 575,672	13,005	12,539
61	45	88 120	5 196,126	66 071,908	12,716	12,250
62	46	87 055	4 900,540	60 875,782	12,422	11,956
63	47	85 890	4 615,719	55 975,241	12,127	11,661
64	48	84 646	4 342,597	51 359,522	11,827	11,361
65	49	83 304	4 079,954	47 016,925	11,524	11,058
66	50	81 876	3 828,143	42 936,971	11,216	10,750
67	51	80 379	3 587,732	39 108,828	10,901	10,435
68	52	78 761	3 356,120	35 521,096	10,584	10,118
69	53	77 098	3 136,290	32 164,976	10,256	9,790
70	54	75 301	2 924,275	29 028,686	9,927	9,461
71	55	73 392	2 720,911	26 104,411	9,594	9,128
72	56	71 365	2 525,776	23 383,499	9,258	8,792
73	57	69 247	2 339,693	20 857,724	8,915	8,449
74	58	67 019	2 161,729	18 518,031	8,566	8,100
75	59	64 661	1 991,075	16 356,302	8,215	7,749
76	60	62 158	1 827,231	14 365,227	7,862	7,396
77	61	59 496	1 669,661	12 537,996	7,509	7,043
78	62	56 722	1 519,640	10 868,334	7,152	6,686
79	63	53 771	1 375,237	9 348,694	6,798	6,332
80	64	50 624	1 236,049	7 973,457	6,451	5,985
81	65	47 311	1 102,773	6 737,408	6,110	5,644
82	66	43 809	974,849	5 634,635	5,780	5,314
83	67	40 180	853,536	4 659,786	5,459	4,993
84	68	36 416	738,503	3 806,250	5,154	4,688
85	69	32 608	631,295	3 067,747	4,859	4,393
86	70	28 777	531,864	2 436,451	4,581	4,115
87	71	25 015	441,362	1 904,588	4,315	3,849
88	72	21 398	360,422	1 463,225	4,060	3,594
89	73	17 978	289,088	1 102,804	3,815	3,349
90	74	14 824	227,569	813,715	3,576	3,110
91	75	11 955	175,192	586,146	3,346	2,880
92	76	9 353	130,853	410,954	3,141	2,675
93	77	7 097	94,793	280,101	2,955	2,489
94	78	5 236	66,756	185,308	2,776	2,310
95	79	3 697	44,998	118,552	2,635	2,169
96	80	2 553	29,665	73,555	2,480	2,014
97	81	1 687	18,719	43,890	2,345	1,879
98	82	1 068	11,308	25,171	2,226	1,760
99	83	647	6,545	13,863	2,118	1,652
100	84	375	3,621	7,318	2,021	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	45 183,087	919 110,142	20,342	19,876
18	1	99 114	42 989,446	873 927,055	20,329	19,863
19	2	99 053	41 014,833	830 937,608	20,259	19,793
20	3	99 000	39 133,962	789 922,776	20,185	19,719
21	4	98 943	37 338,102	750 788,814	20,108	19,642
22	5	98 890	35 625,786	713 450,712	20,026	19,560
23	6	98 838	33 992,408	677 824,926	19,940	19,474
24	7	98 786	32 433,949	643 832,518	19,851	19,385
25	8	98 734	30 946,704	611 398,568	19,757	19,290
26	9	98 680	29 527,350	580 451,864	19,658	19,192
27	10	98 627	28 173,222	550 924,514	19,555	19,089
28	11	98 569	26 879,892	522 751,292	19,448	18,982
29	12	98 511	25 645,866	495 871,400	19,335	18,869
30	13	98 447	24 466,973	470 225,534	19,219	18,753
31	14	98 382	23 342,034	445 758,561	19,097	18,631
32	15	98 304	22 265,889	422 416,527	18,971	18,505
33	16	98 222	21 238,671	400 150,638	18,841	18,375
34	17	98 139	20 258,325	378 911,967	18,704	18,238
35	18	98 045	19 321,287	358 653,642	18,563	18,097
36	19	97 938	18 425,015	339 332,355	18,417	17,951
37	20	97 833	17 570,514	320 907,340	18,264	17,798
38	21	97 723	16 754,941	303 336,826	18,104	17,638
39	22	97 604	15 975,738	286 581,885	17,939	17,473
40	23	97 481	15 232,020	270 606,147	17,766	17,300
41	24	97 337	14 519,882	255 374,127	17,588	17,122
42	25	97 192	13 840,756	240 854,245	17,402	16,936
43	26	97 029	13 190,984	227 013,490	17,210	16,744
44	27	96 851	12 569,756	213 822,506	17,011	16,545
45	28	96 656	11 975,604	201 252,750	16,805	16,339
46	29	96 434	11 406,341	189 277,146	16,594	16,128
47	30	96 199	10 862,506	177 870,805	16,375	15,909
48	31	95 931	10 341,086	167 008,298	16,150	15,684
49	32	95 633	9 841,524	156 667,212	15,919	15,453
50	33	95 299	9 362,434	146 825,688	15,682	15,216
51	34	94 930	8 903,272	137 463,255	15,440	14,974
52	35	94 527	8 463,416	128 559,983	15,190	14,724
53	36	94 071	8 040,640	120 096,567	14,936	14,470
54	37	93 558	7 634,173	112 055,927	14,678	14,212
55	38	92 993	7 244,034	104 421,754	14,415	13,949
56	39	92 368	6 869,001	97 177,720	14,147	13,681
57	40	91 682	6 508,849	90 308,719	13,875	13,409
58	41	90 929	6 162,659	83 799,870	13,598	13,132
59	42	90 093	5 829,099	77 637,211	13,319	12,853
60	43	89 185	5 508,721	71 808,112	13,035	12,569
61	44	88 210	5 201,432	66 299,391	12,746	12,280
62	45	87 152	4 905,996	61 097,959	12,454	11,988
63	46	85 999	4 621,587	56 191,963	12,159	11,693
64	47	84 768	4 348,832	51 570,376	11,858	11,392
65	48	83 438	4 086,490	47 221,544	11,556	11,090
66	49	82 024	3 835,090	43 135,054	11,247	10,781
67	50	80 537	3 594,816	39 299,963	10,932	10,466
68	51	78 935	3 363,550	35 705,147	10,615	10,149
69	52	77 288	3 144,010	32 341,598	10,287	9,821
70	53	75 507	2 932,289	29 197,588	9,957	9,491
71	54	73 614	2 729,125	26 265,299	9,624	9,158
72	55	71 602	2 534,172	23 536,174	9,288	8,822
73	56	69 499	2 348,191	21 002,002	8,944	8,478
74	57	67 288	2 170,394	18 653,811	8,595	8,129
75	58	64 947	1 999,896	16 483,417	8,242	7,776
76	59	62 460	1 836,099	14 483,521	7,888	7,422
77	60	59 819	1 678,711	12 647,422	7,534	7,068
78	61	57 042	1 528,190	10 968,711	7,178	6,712
79	62	54 099	1 383,645	9 440,520	6,823	6,357
80	63	50 960	1 244,242	8 056,875	6,475	6,009
81	64	47 658	1 110,869	6 812,633	6,133	5,667
82	65	44 163	982,723	5 701,765	5,802	5,336
83	66	40 534	861,058	4 719,042	5,481	5,015
84	67	36 772	745,732	3 857,984	5,173	4,707
85	68	32 945	637,810	3 112,252	4,880	4,414
86	69	29 102	537,873	2 474,441	4,600	4,134
87	70	25 323	446,806	1 936,568	4,334	3,868
88	71	21 688	365,313	1 489,763	4,078	3,612
89	72	18 241	293,315	1 124,449	3,834	3,368
90	73	15 058	231,148	831,134	3,596	3,130
91	74	12 163	178,242	599,986	3,366	2,900
92	75	9 535	133,396	421,745	3,162	2,696
93	76	7 256	96,908	288,348	2,975	2,509
94	77	5 367	68,429	191,440	2,798	2,332
95	78	3 804	46,299	123,011	2,657	2,191
96	79	2 640	30,674	76,712	2,501	2,035
97	80	1 755	19,466	46,038	2,365	1,899
98	81	1 117	11,830	26,571	2,246	1,780
99	82	682	6,892	14,742	2,139	1,673
100	83	398	3,844	7,850	2,042	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	43 121,565	874 398,263	20,278	19,812
19	1	99 076	41 024,312	831 276,698	20,263	19,797
20	2	99 012	39 138,622	790 252,387	20,191	19,725
21	3	98 955	37 342,551	751 113,765	20,114	19,648
22	4	98 899	35 629,026	713 771,214	20,033	19,567
23	5	98 846	33 994,958	678 142,188	19,948	19,482
24	6	98 793	32 436,085	644 147,230	19,859	19,393
25	7	98 739	30 948,230	611 711,146	19,766	19,300
26	8	98 686	29 529,179	580 762,916	19,667	19,201
27	9	98 633	28 175,045	551 233,737	19,565	19,099
28	10	98 575	26 881,484	523 058,692	19,458	18,992
29	11	98 518	25 647,777	496 177,208	19,346	18,880
30	12	98 454	24 468,909	470 529,431	19,230	18,764
31	13	98 390	23 344,035	446 060,522	19,108	18,642
32	14	98 314	22 268,226	422 716,487	18,983	18,517
33	15	98 235	21 241,328	400 448,261	18,852	18,386
34	16	98 153	20 261,184	379 206,933	18,716	18,250
35	17	98 060	19 324,116	358 945,749	18,575	18,109
36	18	97 958	18 428,768	339 621,633	18,429	17,963
37	19	97 851	17 573,906	321 192,865	18,277	17,811
38	20	97 741	16 758,044	303 618,959	18,118	17,652
39	21	97 620	15 978,383	286 860,915	17,953	17,487
40	22	97 498	15 234,656	270 882,532	17,781	17,315
41	23	97 358	14 523,034	255 647,876	17,603	17,137
42	24	97 208	13 843,103	241 124,842	17,418	16,952
43	25	97 047	13 193,444	227 281,739	17,227	16,761
44	26	96 870	12 572,202	214 088,295	17,029	16,563
45	27	96 677	11 978,221	201 516,093	16,824	16,358
46	28	96 458	11 409,186	189 537,872	16,613	16,147
47	29	96 224	10 865,318	178 128,686	16,394	15,928
48	30	95 960	10 344,157	167 263,368	16,170	15,704
49	31	95 664	9 844,666	156 919,211	15,940	15,474
50	32	95 333	9 365,684	147 074,544	15,704	15,238
51	33	94 964	8 906,443	137 708,860	15,462	14,996
52	34	94 564	8 466,727	128 802,417	15,213	14,747
53	35	94 109	8 043,878	120 335,690	14,960	14,494
54	36	93 602	7 637,754	112 291,812	14,702	14,236
55	37	93 036	7 247,369	104 654,058	14,440	13,974
56	38	92 422	6 873,026	97 406,689	14,172	13,706
57	39	91 737	6 512,728	90 533,663	13,901	13,435
58	40	90 991	6 166,844	84 020,934	13,625	13,159
59	41	90 161	5 833,550	77 854,090	13,346	12,880
60	42	89 259	5 513,296	72 020,540	13,063	12,597
61	43	88 290	5 206,117	66 507,244	12,775	12,309
62	44	87 241	4 911,005	61 301,127	12,482	12,016
63	45	86 095	4 626,732	56 390,122	12,188	11,722
64	46	84 876	4 354,360	51 763,390	11,888	11,422
65	47	83 558	4 092,357	47 409,029	11,585	11,119
66	48	82 156	3 841,235	43 316,672	11,277	10,811
67	49	80 683	3 601,340	39 475,438	10,961	10,495
68	50	79 091	3 370,191	35 874,098	10,645	10,179
69	51	77 459	3 150,969	32 503,907	10,316	9,850
70	52	75 693	2 939,507	29 352,937	9,986	9,520
71	53	73 816	2 736,605	26 413,431	9,652	9,186
72	54	71 818	2 541,822	23 676,826	9,315	8,849
73	55	69 730	2 355,997	21 135,004	8,971	8,505
74	56	67 532	2 178,277	18 779,007	8,621	8,155
75	57	65 207	2 007,912	16 600,730	8,268	7,802
76	58	62 737	1 844,233	14 592,818	7,913	7,447
77	59	60 109	1 686,859	12 748,585	7,558	7,092
78	60	57 351	1 536,474	11 061,726	7,199	6,733
79	61	54 404	1 391,430	9 525,253	6,846	6,380
80	62	51 271	1 251,849	8 133,822	6,497	6,031
81	63	47 974	1 118,232	6 881,974	6,154	5,688
82	64	44 488	989,937	5 763,742	5,822	5,356
83	65	40 861	868,013	4 773,805	5,500	5,034
84	66	37 096	752,304	3 905,793	5,192	4,726
85	67	33 267	644,054	3 153,489	4,896	4,430
86	68	29 403	543,424	2 509,435	4,618	4,152
87	69	25 609	451,854	1 966,011	4,351	3,885
88	70	21 956	369,819	1 514,156	4,094	3,628
89	71	18 488	297,296	1 144,337	3,849	3,383
90	72	15 278	234,528	847,042	3,612	3,146
91	73	12 354	181,045	612,514	3,383	2,917
92	74	9 701	135,718	431,469	3,179	2,713
93	75	7 397	98,792	295,751	2,994	2,528
94	76	5 487	69,956	196,959	2,815	2,349
95	77	3 899	47,459	127,004	2,676	2,210
96	78	2 716	31,561	79,544	2,520	2,054
97	79	1 815	20,129	47,983	2,384	1,918
98	80	1 162	12,302	27,854	2,264	1,798
99	81	713	7,210	15,552	2,157	1,691
100	82	419	4,048	8,342	2,061	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	41 150,391	831 713,278	20,212	19,746
20	1	99 035	39 147,667	790 562,888	20,194	19,728
21	2	98 967	37 346,998	751 415,220	20,120	19,654
22	3	98 911	35 633,271	714 068,222	20,039	19,573
23	4	98 855	33 998,049	678 434,951	19,955	19,489
24	5	98 800	32 438,517	644 436,902	19,866	19,400
25	6	98 745	30 950,267	611 998,384	19,774	19,308
26	7	98 691	29 530,634	581 048,117	19,676	19,210
27	8	98 639	28 176,790	551 517,483	19,573	19,107
28	9	98 581	26 883,224	523 340,693	19,467	19,001
29	10	98 524	25 649,297	496 457,469	19,356	18,890
30	11	98 462	24 470,731	470 808,173	19,240	18,774
31	12	98 398	23 345,882	446 337,442	19,118	18,652
32	13	98 322	22 270,135	422 991,559	18,994	18,528
33	14	98 245	21 243,558	400 721,424	18,863	18,397
34	15	98 165	20 263,719	379 477,867	18,727	18,261
35	16	98 074	19 326,843	359 214,148	18,586	18,120
36	17	97 973	18 431,466	339 887,305	18,441	17,975
37	18	97 871	17 577,486	321 455,838	18,288	17,822
38	19	97 760	16 761,279	303 878,352	18,130	17,664
39	20	97 638	15 981,343	287 117,073	17,966	17,500
40	21	97 514	15 237,179	271 135,731	17,794	17,328
41	22	97 375	14 525,547	255 898,552	17,617	17,151
42	23	97 229	13 846,107	241 373,005	17,433	16,967
43	24	97 063	13 195,682	227 526,898	17,243	16,777
44	25	96 888	12 574,547	214 331,216	17,045	16,579
45	26	96 696	11 980,552	201 756,669	16,840	16,374
46	27	96 479	11 411,679	189 776,118	16,630	16,164
47	28	96 248	10 868,028	178 364,439	16,412	15,946
48	29	95 984	10 346,835	167 496,410	16,188	15,722
49	30	95 692	9 847,591	157 149,575	15,958	15,492
50	31	95 363	9 368,674	147 301,985	15,723	15,257
51	32	94 997	8 909,535	137 933,310	15,482	15,016
52	33	94 598	8 469,743	129 023,775	15,233	14,767
53	34	94 145	8 047,025	120 554,032	14,981	14,515
54	35	93 639	7 640,829	112 507,007	14,724	14,258
55	36	93 080	7 250,768	104 866,178	14,463	13,997
56	37	92 464	6 876,191	97 615,409	14,196	13,730
57	38	91 790	6 516,545	90 739,219	13,924	13,458
58	39	91 045	6 170,520	84 222,674	13,649	13,183
59	40	90 223	5 837,511	78 052,153	13,371	12,905
60	41	89 327	5 517,505	72 214,642	13,088	12,622
61	42	88 363	5 210,441	66 697,137	12,801	12,335
62	43	87 320	4 915,429	61 486,696	12,509	12,043
63	44	86 183	4 631,456	56 571,267	12,215	11,749
64	45	84 970	4 359,208	51 939,811	11,915	11,449
65	46	83 664	4 097,560	47 580,603	11,612	11,146
66	47	82 274	3 846,749	43 483,043	11,304	10,838
67	48	80 813	3 607,109	39 636,294	10,988	10,522
68	49	79 235	3 376,307	36 029,185	10,671	10,205
69	50	77 612	3 157,191	32 652,877	10,342	9,876
70	51	75 861	2 946,014	29 495,686	10,012	9,546
71	52	73 997	2 743,340	26 549,673	9,678	9,212
72	53	72 015	2 548,788	23 806,332	9,340	8,874
73	54	69 940	2 363,109	21 257,544	8,996	8,530
74	55	67 757	2 185,519	18 894,435	8,645	8,179
75	56	65 444	2 015,204	16 708,916	8,291	7,825
76	57	62 988	1 851,626	14 693,712	7,936	7,470
77	58	60 375	1 694,332	12 842,086	7,579	7,113
78	59	57 629	1 543,931	11 147,754	7,220	6,754
79	60	54 699	1 398,972	9 603,824	6,865	6,399
80	61	51 560	1 258,892	8 204,851	6,518	6,052
81	62	48 268	1 125,068	6 945,959	6,174	5,708
82	63	44 782	996,498	5 820,891	5,841	5,375
83	64	41 161	874,385	4 824,393	5,517	5,051
84	65	37 396	758,380	3 950,008	5,208	4,742
85	66	33 560	649,730	3 191,628	4,912	4,446
86	67	29 690	548,744	2 541,898	4,632	4,166
87	68	25 874	456,517	1 993,154	4,366	3,900
88	69	22 204	373,997	1 536,637	4,109	3,643
89	70	18 716	300,962	1 162,640	3,863	3,397
90	71	15 485	237,711	861,677	3,625	3,159
91	72	12 534	183,692	623,967	3,397	2,931
92	73	9 853	137,853	440,275	3,194	2,728
93	74	7 526	100,512	302,423	3,009	2,543
94	75	5 593	71,316	201,911	2,831	2,365
95	76	3 986	48,518	130,595	2,692	2,226
96	77	2 784	32,352	82,077	2,537	2,071
97	78	1 867	20,711	49,725	2,401	1,935
98	79	1 201	12,721	29,014	2,281	1,815
99	80	742	7,498	16,293	2,173	1,707
100	81	439	4,235	8,795	2,077	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	39 267,979	790 967,477	20,143	19,677
21	1	98 990	37 355,630	751 699,498	20,123	19,657
22	2	98 923	35 637,515	714 343,868	20,045	19,579
23	3	98 866	34 002,100	678 706,353	19,961	19,495
24	4	98 809	32 441,467	644 704,253	19,873	19,407
25	5	98 752	30 952,588	612 262,786	19,781	19,315
26	6	98 698	29 532,578	581 310,198	19,684	19,218
27	7	98 644	28 178,179	551 777,619	19,582	19,116
28	8	98 587	26 884,888	523 599,441	19,476	19,010
29	9	98 530	25 650,956	496 714,552	19,364	18,898
30	10	98 468	24 472,181	471 063,596	19,249	18,783
31	11	98 405	23 347,621	446 591,415	19,128	18,662
32	12	98 330	22 271,897	423 243,793	19,003	18,537
33	13	98 253	21 245,379	400 971,896	18,873	18,407
34	14	98 175	20 265,846	379 726,518	18,737	18,271
35	15	98 086	19 329,261	359 460,672	18,597	18,131
36	16	97 987	18 434,068	340 131,411	18,451	17,985
37	17	97 886	17 580,060	321 697,343	18,299	17,833
38	18	97 780	16 764,693	304 117,283	18,140	17,674
39	19	97 657	15 984,428	287 352,590	17,977	17,511
40	20	97 532	15 240,001	271 368,162	17,806	17,340
41	21	97 391	14 527,952	256 128,162	17,630	17,164
42	22	97 246	13 848,504	241 600,209	17,446	16,980
43	23	97 084	13 198,545	227 751,706	17,256	16,790
44	24	96 904	12 576,679	214 553,160	17,060	16,594
45	25	96 714	11 982,786	201 976,481	16,856	16,390
46	26	96 498	11 413,900	189 993,695	16,646	16,180
47	27	96 269	10 870,403	178 579,795	16,428	15,962
48	28	96 008	10 349,416	167 709,392	16,205	15,739
49	29	95 717	9 850,140	157 359,976	15,975	15,509
50	30	95 391	9 371,457	147 509,836	15,740	15,274
51	31	95 027	8 912,380	138 138,379	15,500	15,034
52	32	94 630	8 472,683	129 225,999	15,252	14,786
53	33	94 179	8 049,891	120 753,316	15,001	14,535
54	34	93 676	7 643,819	112 703,425	14,744	14,278
55	35	93 117	7 253,688	105 059,606	14,484	14,018
56	36	92 508	6 879,416	97 805,918	14,217	13,751
57	37	91 833	6 519,545	90 926,502	13,947	13,481
58	38	91 098	6 174,136	84 406,956	13,671	13,205
59	39	90 276	5 840,991	78 232,820	13,394	12,928
60	40	89 388	5 521,252	72 391,829	13,111	12,645
61	41	88 430	5 214,419	66 870,577	12,824	12,358
62	42	87 392	4 919,511	61 656,158	12,533	12,067
63	43	86 261	4 635,628	56 736,647	12,239	11,773
64	44	85 057	4 363,659	52 101,019	11,940	11,474
65	45	83 757	4 102,121	47 737,360	11,637	11,171
66	46	82 378	3 851,640	43 635,239	11,329	10,863
67	47	80 929	3 612,288	39 783,599	11,013	10,547
68	48	79 362	3 381,716	36 171,311	10,696	10,230
69	49	77 753	3 162,921	32 789,595	10,367	9,901
70	50	76 011	2 951,831	29 626,674	10,037	9,571
71	51	74 161	2 749,413	26 674,843	9,702	9,236
72	52	72 192	2 555,062	23 925,430	9,364	8,898
73	53	70 132	2 369,585	21 370,369	9,019	8,553
74	54	67 961	2 192,116	19 000,783	8,668	8,202
75	55	65 662	2 021,904	16 808,667	8,313	7,847
76	56	63 217	1 858,351	14 786,763	7,957	7,491
77	57	60 617	1 701,123	12 928,412	7,600	7,134
78	58	57 884	1 550,771	11 227,289	7,240	6,774
79	59	54 964	1 405,762	9 676,519	6,883	6,417
80	60	51 839	1 265,716	8 270,757	6,534	6,068
81	61	48 539	1 131,398	7 005,041	6,191	5,725
82	62	45 056	1 002,591	5 873,642	5,858	5,392
83	63	41 434	880,180	4 871,052	5,534	5,068
84	64	37 671	763,947	3 990,872	5,224	4,758
85	65	33 831	654,978	3 226,925	4,927	4,461
86	66	29 952	553,580	2 571,947	4,646	4,180
87	67	26 127	460,986	2 018,367	4,378	3,912
88	68	22 433	377,857	1 557,381	4,122	3,656
89	69	18 928	304,363	1 179,524	3,875	3,409
90	70	15 676	240,642	875,161	3,637	3,171
91	71	12 705	186,185	634,519	3,408	2,942
92	72	9 997	139,868	448,334	3,205	2,739
93	73	7 644	102,092	308,466	3,021	2,555
94	74	5 691	72,557	206,374	2,844	2,378
95	75	4 063	49,461	133,817	2,705	2,239
96	76	2 846	33,074	84,356	2,550	2,084
97	77	1 914	21,230	51,281	2,415	1,949
98	78	1 236	13,089	30,051	2,296	1,830
99	79	767	7,753	16,962	2,188	1,722
100	80	456	4,404	9,209	2,091	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	37 470,434	752 074,523	20,071	19,605
22	1	98 946	35 645,751	714 604,089	20,047	19,581
23	2	98 878	34 006,150	678 958,339	19,966	19,500
24	3	98 821	32 445,333	644 952,189	19,878	19,412
25	4	98 761	30 955,403	612 506,856	19,787	19,321
26	5	98 705	29 534,793	581 551,453	19,690	19,224
27	6	98 651	28 180,034	552 016,660	19,589	19,123
28	7	98 592	26 886,214	523 836,626	19,483	19,017
29	8	98 537	25 652,545	496 950,412	19,372	18,906
30	9	98 474	24 473,765	471 297,868	19,257	18,791
31	10	98 411	23 349,005	446 824,103	19,137	18,671
32	11	98 337	22 273,556	423 475,098	19,012	18,546
33	12	98 261	21 247,060	401 201,542	18,883	18,417
34	13	98 184	20 267,583	379 954,482	18,747	18,281
35	14	98 096	19 331,290	359 686,900	18,606	18,140
36	15	97 999	18 436,374	340 355,610	18,461	17,995
37	16	97 900	17 582,541	321 919,236	18,309	17,843
38	17	97 794	16 767,148	304 336,695	18,151	17,685
39	18	97 677	15 987,684	287 569,547	17,987	17,521
40	19	97 551	15 242,943	271 581,863	17,817	17,351
41	20	97 409	14 530,643	256 338,920	17,641	17,175
42	21	97 262	13 850,797	241 808,277	17,458	16,992
43	22	97 101	13 200,830	227 957,480	17,268	16,802
44	23	96 925	12 579,409	214 756,651	17,072	16,606
45	24	96 730	11 984,818	202 177,242	16,869	16,403
46	25	96 516	11 416,029	190 192,423	16,660	16,194
47	26	96 287	10 872,518	178 776,395	16,443	15,977
48	27	96 029	10 351,677	167 903,877	16,220	15,754
49	28	95 741	9 852,597	157 552,199	15,991	15,525
50	29	95 416	9 373,883	147 699,603	15,757	15,290
51	30	95 056	8 915,027	138 325,720	15,516	15,050
52	31	94 661	8 475,388	129 410,693	15,269	14,803
53	32	94 212	8 052,686	120 935,304	15,018	14,552
54	33	93 709	7 646,541	112 882,618	14,763	14,297
55	34	93 154	7 256,526	105 236,077	14,502	14,036
56	35	92 545	6 882,186	97 979,551	14,237	13,771
57	36	91 876	6 522,603	91 097,365	13,966	13,500
58	37	91 140	6 176,979	84 574,761	13,692	13,226
59	38	90 329	5 844,414	78 397,782	13,414	12,948
60	39	89 441	5 524,543	72 553,368	13,133	12,667
61	40	88 491	5 217,960	67 028,825	12,846	12,380
62	41	87 459	4 923,267	61 810,865	12,555	12,089
63	42	86 332	4 639,478	56 887,598	12,262	11,796
64	43	85 133	4 367,589	52 248,120	11,963	11,497
65	44	83 842	4 106,310	47 880,530	11,660	11,194
66	45	82 470	3 855,927	43 774,221	11,352	10,886
67	46	81 032	3 616,880	39 918,293	11,037	10,571
68	47	79 476	3 386,571	36 301,413	10,719	10,253
69	48	77 877	3 167,988	32 914,842	10,390	9,924
70	49	76 148	2 957,188	29 746,854	10,059	9,593
71	50	74 308	2 754,842	26 789,666	9,725	9,259
72	51	72 352	2 560,718	24 034,824	9,386	8,920
73	52	70 305	2 375,418	21 474,106	9,040	8,574
74	53	68 148	2 198,124	19 098,689	8,689	8,223
75	54	65 860	2 028,007	16 900,565	8,334	7,868
76	55	63 427	1 864,529	14 872,557	7,977	7,511
77	56	60 837	1 707,302	13 008,029	7,619	7,153
78	57	58 116	1 556,986	11 300,727	7,258	6,792
79	58	55 208	1 411,990	9 743,740	6,901	6,435
80	59	52 091	1 271,859	8 331,751	6,551	6,085
81	60	48 802	1 137,531	7 059,892	6,206	5,740
82	61	45 310	1 008,232	5 922,361	5,874	5,408
83	62	41 687	885,561	4 914,129	5,549	5,083
84	63	37 920	769,011	4 028,568	5,239	4,773
85	64	34 080	659,786	3 259,557	4,940	4,474
86	65	30 194	558,051	2 599,771	4,659	4,193
87	66	26 357	465,049	2 041,721	4,390	3,924
88	67	22 652	381,556	1 576,672	4,132	3,666
89	68	19 123	307,504	1 195,116	3,887	3,420
90	69	15 853	243,361	887,612	3,647	3,181
91	70	12 861	188,481	644,251	3,418	2,952
92	71	10 133	141,766	455,770	3,215	2,749
93	72	7 756	103,585	314,003	3,031	2,565
94	73	5 780	73,698	210,419	2,855	2,389
95	74	4 134	50,322	136,721	2,717	2,251
96	75	2 902	33,717	86,398	2,562	2,096
97	76	1 957	21,704	52,681	2,427	1,961
98	77	1 267	13,417	30,977	2,309	1,843
99	78	789	7,977	17,560	2,201	1,735
100	79	472	4,554	9,583	2,104	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	35 755,300	714 951,792	19,996	19,530
23	1	98 901	34 014,009	679 196,492	19,968	19,502
24	2	98 833	32 449,197	645 182,483	19,883	19,417
25	3	98 773	30 959,092	612 733,287	19,792	19,326
26	4	98 714	29 537,479	581 774,195	19,696	19,230
27	5	98 658	28 182,147	552 236,716	19,595	19,129
28	6	98 599	26 887,984	524 054,569	19,490	19,024
29	7	98 541	25 653,809	497 166,585	19,380	18,914
30	8	98 480	24 475,280	471 512,776	19,265	18,799
31	9	98 417	23 350,516	447 037,495	19,145	18,679
32	10	98 343	22 274,876	423 686,980	19,021	18,555
33	11	98 268	21 248,642	401 412,104	18,891	18,425
34	12	98 191	20 269,187	380 163,461	18,756	18,290
35	13	98 105	19 332,947	359 894,275	18,616	18,150
36	14	98 009	18 438,309	340 561,328	18,470	18,004
37	15	97 912	17 584,741	322 123,019	18,318	17,852
38	16	97 808	16 769,514	304 538,278	18,160	17,694
39	17	97 691	15 990,025	287 768,764	17,997	17,531
40	18	97 571	15 246,048	271 778,739	17,826	17,360
41	19	97 428	14 533,448	256 532,692	17,651	17,185
42	20	97 280	13 853,362	241 999,243	17,469	17,003
43	21	97 117	13 203,016	228 145,881	17,280	16,814
44	22	96 942	12 581,586	214 942,866	17,084	16,618
45	23	96 751	11 987,419	202 361,279	16,881	16,415
46	24	96 533	11 417,965	190 373,860	16,673	16,207
47	25	96 305	10 874,546	178 955,895	16,456	15,990
48	26	96 048	10 353,692	168 081,349	16,234	15,768
49	27	95 762	9 854,749	157 727,658	16,005	15,539
50	28	95 440	9 376,221	147 872,908	15,771	15,305
51	29	95 080	8 917,335	138 496,687	15,531	15,065
52	30	94 689	8 477,906	129 579,352	15,284	14,818
53	31	94 242	8 055,257	121 101,447	15,034	14,568
54	32	93 742	7 649,196	113 046,189	14,779	14,313
55	33	93 187	7 259,111	105 396,993	14,519	14,053
56	34	92 581	6 884,879	98 137,883	14,254	13,788
57	35	91 913	6 525,230	91 253,004	13,985	13,519
58	36	91 183	6 179,876	84 727,774	13,710	13,244
59	37	90 371	5 847,105	78 547,898	13,434	12,968
60	38	89 494	5 527,781	72 700,793	13,152	12,686
61	39	88 543	5 221,070	67 173,012	12,866	12,400
62	40	87 518	4 926,610	61 951,941	12,575	12,109
63	41	86 398	4 643,020	57 025,331	12,282	11,816
64	42	85 204	4 371,217	52 382,311	11,983	11,517
65	43	83 918	4 110,008	48 011,094	11,682	11,215
66	44	82 554	3 859,865	43 901,086	11,374	10,908
67	45	81 122	3 620,907	40 041,221	11,058	10,592
68	46	79 577	3 390,877	36 420,315	10,741	10,275
69	47	77 989	3 172,536	33 029,438	10,411	9,945
70	48	76 270	2 961,925	29 856,902	10,080	9,614
71	49	74 442	2 759,841	26 894,977	9,745	9,279
72	50	72 495	2 565,774	24 135,135	9,407	8,941
73	51	70 460	2 380,676	21 569,361	9,060	8,594
74	52	68 315	2 203,534	19 188,685	8,708	8,242
75	53	66 041	2 033,565	16 985,151	8,352	7,886
76	54	63 619	1 870,157	14 951,585	7,995	7,529
77	55	61 040	1 712,977	13 081,428	7,637	7,171
78	56	58 328	1 562,641	11 368,451	7,275	6,809
79	57	55 429	1 417,649	9 805,809	6,917	6,451
80	58	52 322	1 277,493	8 388,160	6,566	6,100
81	59	49 039	1 143,052	7 110,666	6,221	5,755
82	60	45 555	1 013,697	5 967,615	5,887	5,421
83	61	41 922	890,544	4 953,918	5,563	5,097
84	62	38 152	773,712	4 063,374	5,252	4,786
85	63	34 306	664,159	3 289,662	4,953	4,487
86	64	30 416	562,147	2 625,503	4,670	4,204
87	65	26 570	468,805	2 063,356	4,401	3,935
88	66	22 852	384,919	1 594,551	4,143	3,677
89	67	19 310	310,514	1 209,632	3,896	3,430
90	68	16 017	245,873	899,118	3,657	3,191
91	69	13 007	190,611	653,245	3,427	2,961
92	70	10 258	143,515	462,635	3,224	2,758
93	71	7 861	104,991	319,120	3,040	2,573
94	72	5 865	74,775	214,129	2,864	2,398
95	73	4 199	51,114	139,354	2,726	2,260
96	74	2 952	34,304	88,240	2,572	2,106
97	75	1 995	22,126	53,936	2,438	1,972
98	76	1 295	13,716	31,810	2,319	1,853
99	77	809	8,177	18,094	2,213	1,747
100	78	485	4,686	9,917	2,116	1,650

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	34 118,543	679 518,937	19,916	19,450
24	1	98 856	32 456,696	645 400,394	19,885	19,419
25	2	98 785	30 962,779	612 943,698	19,796	19,330
26	3	98 726	29 540,999	581 980,920	19,701	19,235
27	4	98 667	28 184,710	552 439,921	19,601	19,135
28	5	98 606	26 890,000	524 255,211	19,496	19,030
29	6	98 548	25 655,498	497 365,211	19,386	18,920
30	7	98 485	24 476,487	471 709,713	19,272	18,806
31	8	98 423	23 351,961	447 233,226	19,152	18,686
32	9	98 350	22 276,317	423 881,264	19,028	18,562
33	10	98 274	21 249,902	401 604,947	18,899	18,433
34	11	98 199	20 270,696	380 355,046	18,764	18,298
35	12	98 112	19 334,477	360 084,349	18,624	18,158
36	13	98 017	18 439,890	340 749,872	18,479	18,013
37	14	97 922	17 586,586	322 309,983	18,327	17,861
38	15	97 820	16 771,612	304 723,397	18,169	17,703
39	16	97 705	15 992,281	287 951,784	18,006	17,540
40	17	97 585	15 248,280	271 959,503	17,835	17,369
41	18	97 448	14 536,408	256 711,223	17,660	17,194
42	19	97 299	13 856,037	242 174,814	17,478	17,012
43	20	97 135	13 205,461	228 318,778	17,290	16,824
44	21	96 958	12 583,669	215 113,317	17,095	16,629
45	22	96 768	11 989,494	202 529,647	16,892	16,426
46	23	96 554	11 420,443	190 540,153	16,684	16,218
47	24	96 322	10 876,390	179 119,710	16,469	16,003
48	25	96 066	10 355,623	168 243,320	16,247	15,781
49	26	95 781	9 856,667	157 887,697	16,018	15,552
50	27	95 461	9 378,270	148 031,030	15,784	15,318
51	28	95 104	8 919,559	138 652,761	15,545	15,079
52	29	94 713	8 480,100	129 733,201	15,299	14,833
53	30	94 270	8 057,650	121 253,101	15,048	14,582
54	31	93 772	7 651,638	113 195,451	14,794	14,328
55	32	93 219	7 261,631	105 543,813	14,534	14,068
56	33	92 614	6 887,331	98 282,182	14,270	13,804
57	34	91 949	6 527,783	91 394,851	14,001	13,535
58	35	91 220	6 182,365	84 867,068	13,727	13,261
59	36	90 413	5 849,847	78 684,703	13,451	12,985
60	37	89 535	5 530,326	72 834,856	13,170	12,704
61	38	88 595	5 224,130	67 304,530	12,883	12,417
62	39	87 570	4 929,547	62 080,400	12,594	12,128
63	40	86 457	4 646,173	57 150,853	12,301	11,835
64	41	85 269	4 374,554	52 504,679	12,002	11,536
65	42	83 988	4 113,422	48 130,126	11,701	11,235
66	43	82 628	3 863,341	44 016,704	11,393	10,927
67	44	81 205	3 624,604	40 153,362	11,078	10,612
68	45	79 665	3 394,651	36 528,759	10,761	10,295
69	46	78 088	3 176,569	33 134,107	10,431	9,965
70	47	76 380	2 966,178	29 957,538	10,100	9,634
71	48	74 562	2 764,263	26 991,360	9,764	9,298
72	49	72 627	2 570,430	24 227,097	9,425	8,959
73	50	70 599	2 385,377	21 656,667	9,079	8,613
74	51	68 467	2 208,412	19 271,290	8,726	8,260
75	52	66 203	2 038,571	17 062,878	8,370	7,904
76	53	63 793	1 875,283	15 024,307	8,012	7,546
77	54	61 224	1 718,148	13 149,024	7,653	7,187
78	55	58 521	1 567,836	11 430,876	7,291	6,825
79	56	55 630	1 422,798	9 863,040	6,932	6,466
80	57	52 531	1 282,614	8 440,242	6,581	6,114
81	58	49 256	1 148,116	7 157,628	6,234	5,768
82	59	45 776	1 018,616	6 009,512	5,900	5,434
83	60	42 149	895,371	4 990,895	5,574	5,108
84	61	38 367	778,066	4 095,524	5,264	4,798
85	62	34 515	668,219	3 317,459	4,965	4,499
86	63	30 617	565,873	2 649,239	4,682	4,216
87	64	26 765	472,246	2 083,366	4,412	3,946
88	65	23 037	388,027	1 611,120	4,152	3,686
89	66	19 481	313,251	1 223,093	3,905	3,439
90	67	16 174	248,280	909,842	3,665	3,199
91	68	13 141	192,578	661,562	3,435	2,969
92	69	10 374	145,136	468,984	3,231	2,765
93	70	7 958	106,286	323,848	3,047	2,581
94	71	5 944	75,790	217,563	2,871	2,405
95	72	4 261	51,861	141,772	2,734	2,268
96	73	2 999	34,844	89,911	2,580	2,114
97	74	2 029	22,511	55,068	2,446	1,980
98	75	1 320	13,983	32,557	2,328	1,862
99	76	827	8,360	18,574	2,222	1,756
100	77	498	4,803	10,214	2,127	1,661

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	32 556,444	645 699,490	19,833	19,367
25	1	98 808	30 969,934	613 143,046	19,798	19,332
26	2	98 737	29 544,517	582 173,111	19,705	19,239
27	3	98 679	28 188,068	552 628,594	19,605	19,139
28	4	98 615	26 892,446	524 440,526	19,501	19,035
29	5	98 555	25 657,422	497 548,081	19,392	18,926
30	6	98 491	24 478,098	471 890,658	19,278	18,812
31	7	98 428	23 353,113	447 412,560	19,159	18,693
32	8	98 356	22 277,697	424 059,448	19,035	18,569
33	9	98 281	21 251,277	401 781,751	18,906	18,440
34	10	98 205	20 271,898	380 530,474	18,771	18,305
35	11	98 120	19 335,917	360 258,577	18,632	18,166
36	12	98 025	18 441,349	340 922,660	18,487	18,021
37	13	97 930	17 588,094	322 481,311	18,335	17,869
38	14	97 830	16 773,373	304 893,218	18,177	17,711
39	15	97 717	15 994,282	288 119,845	18,014	17,548
40	16	97 599	15 250,432	272 125,563	17,844	17,378
41	17	97 462	14 538,537	256 875,131	17,669	17,203
42	18	97 319	13 858,859	242 336,593	17,486	17,020
43	19	97 154	13 208,010	228 477,734	17,298	16,832
44	20	96 976	12 586,000	215 269,724	17,104	16,638
45	21	96 784	11 991,479	202 683,724	16,902	16,436
46	22	96 570	11 422,419	190 692,245	16,695	16,229
47	23	96 343	10 878,751	179 269,825	16,479	16,013
48	24	96 082	10 357,379	168 391,075	16,258	15,792
49	25	95 798	9 858,505	158 033,696	16,030	15,564
50	26	95 479	9 380,095	148 175,190	15,797	15,331
51	27	95 125	8 921,508	138 795,095	15,557	15,091
52	28	94 737	8 482,216	129 873,588	15,311	14,845
53	29	94 294	8 059,736	121 391,372	15,061	14,595
54	30	93 800	7 653,911	113 331,636	14,807	14,341
55	31	93 249	7 263,949	105 677,725	14,548	14,082
56	32	92 646	6 889,722	98 413,776	14,284	13,818
57	33	91 981	6 530,108	91 524,054	14,016	13,550
58	34	91 255	6 184,784	84 993,946	13,742	13,276
59	35	90 450	5 852,203	78 809,162	13,467	13,001
60	36	89 577	5 532,920	72 956,959	13,186	12,720
61	37	88 636	5 226,535	67 424,039	12,900	12,434
62	38	87 622	4 932,436	62 197,504	12,610	12,144
63	39	86 508	4 648,943	57 265,068	12,318	11,852
64	40	85 327	4 377,525	52 616,125	12,020	11,554
65	41	84 052	4 116,562	48 238,600	11,718	11,252
66	42	82 697	3 866,550	44 122,038	11,411	10,945
67	43	81 278	3 627,869	40 255,488	11,096	10,630
68	44	79 747	3 398,118	36 627,620	10,779	10,313
69	45	78 175	3 180,106	33 229,502	10,449	9,983
70	46	76 477	2 969,949	30 049,396	10,118	9,652
71	47	74 669	2 768,231	27 079,448	9,782	9,316
72	48	72 743	2 574,549	24 311,216	9,443	8,977
73	49	70 728	2 389,706	21 736,668	9,096	8,630
74	50	68 602	2 212,773	19 346,962	8,743	8,277
75	51	66 350	2 043,083	17 134,189	8,386	7,920
76	52	63 950	1 879,898	15 091,106	8,028	7,562
77	53	61 392	1 722,857	13 211,208	7,668	7,202
78	54	58 698	1 572,569	11 488,350	7,305	6,839
79	55	55 815	1 427,528	9 915,781	6,946	6,480
80	56	52 722	1 287,272	8 488,253	6,594	6,128
81	57	49 454	1 152,718	7 200,981	6,247	5,781
82	58	45 979	1 023,129	6 048,263	5,912	5,446
83	59	42 354	899,717	5 025,134	5,585	5,119
84	60	38 575	782,283	4 125,417	5,274	4,808
85	61	34 710	671,979	3 343,134	4,975	4,509
86	62	30 804	569,333	2 671,155	4,692	4,226
87	63	26 943	475,376	2 101,822	4,421	3,955
88	64	23 206	390,876	1 626,446	4,161	3,695
89	65	19 638	315,781	1 235,570	3,913	3,447
90	66	16 316	250,468	919,789	3,672	3,206
91	67	13 269	194,463	669,322	3,442	2,976
92	68	10 481	146,634	474,859	3,238	2,772
93	69	8 048	107,486	328,225	3,054	2,588
94	70	6 018	76,725	220,738	2,877	2,411
95	71	4 318	52,565	144,013	2,740	2,274
96	72	3 042	35,353	91,448	2,587	2,121
97	73	2 061	22,865	56,095	2,453	1,987
98	74	1 343	14,226	33,230	2,336	1,870
99	75	843	8,522	19,004	2,230	1,764
100	76	509	4,910	10,482	2,135	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 4,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	31 065,114	613 420,553	19,746	19,280
26	1	98 760	29 551,345	582 355,439	19,707	19,241
27	2	98 691	28 191,425	552 804,095	19,609	19,143
28	3	98 627	26 895,650	524 612,669	19,505	19,039
29	4	98 564	25 659,755	497 717,019	19,397	18,931
30	5	98 499	24 479,934	472 057,264	19,283	18,817
31	6	98 435	23 354,650	447 577,330	19,164	18,698
32	7	98 360	22 278,795	424 222,680	19,042	18,576
33	8	98 287	21 252,592	401 943,885	18,913	18,447
34	9	98 211	20 273,209	380 691,293	18,778	18,312
35	10	98 125	19 337,063	360 418,083	18,639	18,173
36	11	98 033	18 442,722	341 081,021	18,494	18,028
37	12	97 938	17 589,485	322 638,298	18,343	17,877
38	13	97 839	16 774,811	305 048,813	18,185	17,719
39	14	97 728	15 995,961	288 274,002	18,022	17,556
40	15	97 611	15 252,340	272 278,042	17,852	17,386
41	16	97 476	14 540,589	257 025,701	17,676	17,210
42	17	97 333	13 860,888	242 485,112	17,494	17,028
43	18	97 174	13 210,701	228 624,224	17,306	16,840
44	19	96 995	12 588,430	215 413,523	17,112	16,646
45	20	96 802	11 993,700	202 825,094	16,911	16,445
46	21	96 586	11 424,311	190 831,393	16,704	16,238
47	22	96 359	10 880,634	179 407,083	16,489	16,023
48	23	96 103	10 359,627	168 526,449	16,268	15,802
49	24	95 815	9 860,177	158 166,822	16,041	15,575
50	25	95 497	9 381,844	148 306,645	15,808	15,342
51	26	95 143	8 923,244	138 924,801	15,569	15,103
52	27	94 758	8 484,069	130 001,557	15,323	14,857
53	28	94 318	8 061,746	121 517,488	15,073	14,607
54	29	93 824	7 655,892	113 455,742	14,819	14,353
55	30	93 277	7 266,107	105 799,849	14,561	14,095
56	31	92 676	6 891,922	98 533,742	14,297	13,831
57	32	92 013	6 532,375	91 641,820	14,029	13,563
58	33	91 288	6 186,986	85 109,445	13,756	13,290
59	34	90 485	5 854,493	78 922,459	13,481	13,015
60	35	89 613	5 535,148	73 067,966	13,201	12,735
61	36	88 678	5 228,987	67 532,818	12,915	12,449
62	37	87 662	4 934,707	62 303,831	12,626	12,160
63	38	86 559	4 651,667	57 369,124	12,333	11,867
64	39	85 378	4 380,134	52 717,457	12,036	11,570
65	40	84 109	4 119,358	48 337,323	11,734	11,268
66	41	82 760	3 869,502	44 217,965	11,427	10,961
67	42	81 345	3 630,882	40 348,463	11,113	10,647
68	43	79 819	3 401,178	36 717,582	10,796	10,330
69	44	78 255	3 183,353	33 316,403	10,466	10,000
70	45	76 562	2 973,255	30 133,051	10,135	9,669
71	46	74 764	2 771,751	27 159,796	9,799	9,333
72	47	72 847	2 578,245	24 388,045	9,459	8,993
73	48	70 841	2 393,534	21 809,801	9,112	8,646
74	49	68 726	2 216,788	19 416,266	8,759	8,293
75	50	66 481	2 047,118	17 199,478	8,402	7,936
76	51	64 092	1 884,060	15 152,360	8,042	7,576
77	52	61 543	1 727,098	13 268,300	7,682	7,216
78	53	58 859	1 576,879	11 541,203	7,319	6,853
79	54	55 984	1 431,837	9 964,324	6,959	6,493
80	55	52 897	1 291,552	8 532,486	6,606	6,140
81	56	49 633	1 156,904	7 240,934	6,259	5,793
82	57	46 163	1 027,230	6 084,030	5,923	5,457
83	58	42 541	903,702	5 056,800	5,596	5,130
84	59	38 762	786,080	4 153,098	5,283	4,817
85	60	34 898	675,621	3 367,018	4,984	4,518
86	61	30 978	572,536	2 691,396	4,701	4,235
87	62	27 107	478,283	2 118,860	4,430	3,964
88	63	23 359	393,467	1 640,577	4,170	3,704
89	64	19 782	318,099	1 247,111	3,921	3,455
90	65	16 448	252,491	929,012	3,679	3,213
91	66	13 386	196,177	676,521	3,449	2,983
92	67	10 584	148,069	480,345	3,244	2,778
93	68	8 131	108,596	332,275	3,060	2,594
94	69	6 085	77,592	223,679	2,883	2,417
95	70	4 372	53,213	146,087	2,745	2,279
96	71	3 084	35,833	92,874	2,592	2,126
97	72	2 091	23,199	57,042	2,459	1,993
98	73	1 364	14,450	33,842	2,342	1,876
99	74	858	8,670	19,392	2,237	1,771
100	75	519	5,006	10,722	2,142	1,676

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	2 011 540,048	20,115	19,649
1	1	99 340	94 609,563	1 911 540,048	20,205	19,738
2	2	99 290	90 058,988	1 816 930,485	20,175	19,708
3	3	99 263	85 746,875	1 726 871,497	20,139	19,673
4	4	99 238	81 643,449	1 641 124,622	20,101	19,635
5	5	99 218	77 739,578	1 559 481,174	20,060	19,594
6	6	99 201	74 025,164	1 481 741,596	20,017	19,550
7	7	99 184	70 488,205	1 407 716,432	19,971	19,505
8	8	99 171	67 122,662	1 337 228,227	19,922	19,456
9	9	99 157	63 917,180	1 270 105,565	19,871	19,405
10	10	99 142	60 864,671	1 206 188,385	19,818	19,351
11	11	99 129	57 958,461	1 145 323,714	19,761	19,295
12	12	99 112	55 189,494	1 087 365,254	19,702	19,236
13	13	99 097	52 553,146	1 032 175,760	19,641	19,174
14	14	99 079	50 041,539	979 622,614	19,576	19,110
15	15	99 056	47 647,852	929 581,075	19,509	19,043
16	16	99 029	45 366,410	881 933,224	19,440	18,974
17	17	98 990	43 188,881	836 566,814	19,370	18,904
18	18	98 946	41 114,187	793 377,933	19,297	18,831
19	19	98 888	39 133,387	752 263,746	19,223	18,757
20	20	98 828	37 247,139	713 130,359	19,146	18,680
21	21	98 765	35 450,911	675 883,220	19,065	18,599
22	22	98 704	33 742,086	640 432,309	18,980	18,514
23	23	98 643	32 115,268	606 690,223	18,891	18,425
24	24	98 576	30 565,291	574 574,954	18,798	18,332
25	25	98 512	29 090,795	544 009,664	18,700	18,234
26	26	98 446	27 687,026	514 918,869	18,598	18,131
27	27	98 380	26 350,974	487 231,843	18,490	18,024
28	28	98 307	25 077,443	460 880,869	18,378	17,912
29	29	98 232	23 865,024	435 803,426	18,261	17,795
30	30	98 150	22 709,702	411 938,402	18,139	17,673
31	31	98 064	21 609,408	389 228,700	18,012	17,546
32	32	97 966	20 559,658	367 619,292	17,881	17,414
33	33	97 863	19 560,119	347 059,634	17,743	17,277
34	34	97 759	18 608,829	327 499,515	17,599	17,133
35	35	97 642	17 701,497	308 890,685	17,450	16,984
36	36	97 516	16 836,823	291 189,188	17,295	16,828
37	37	97 384	16 013,331	274 352,365	17,133	16,666
38	38	97 248	15 229,489	258 339,034	16,963	16,497
39	39	97 089	14 480,568	243 109,545	16,789	16,322
40	40	96 925	13 767,759	228 628,977	16,606	16,140
41	41	96 737	13 086,786	214 861,218	16,418	15,952
42	42	96 536	12 437,602	201 774,432	16,223	15,757
43	43	96 312	11 817,870	189 336,831	16,021	15,555
44	44	96 067	11 226,570	177 518,960	15,812	15,346
45	45	95 797	10 661,887	166 292,390	15,597	15,130
46	46	95 495	10 122,152	155 630,503	15,375	14,909
47	47	95 165	9 606,870	145 508,351	15,146	14,680
48	48	94 793	9 113,573	135 901,481	14,912	14,446
49	49	94 378	8 641,578	126 787,908	14,672	14,205
50	50	93 910	8 189,313	118 146,330	14,427	13,960
51	51	93 395	7 756,594	109 957,017	14,176	13,710
52	52	92 829	7 342,457	102 200,423	13,919	13,453
53	53	92 192	6 944,777	94 857,966	13,659	13,192
54	54	91 481	6 563,107	87 913,189	13,395	12,929
55	55	90 697	6 197,029	81 350,082	13,127	12,661
56	56	89 841	5 846,210	75 153,053	12,855	12,389
57	57	88 905	5 509,777	69 306,843	12,579	12,112
58	58	87 882	5 187,048	63 797,066	12,299	11,833
59	59	86 756	4 876,745	58 610,018	12,018	11,552
60	60	85 538	4 579,330	53 733,273	11,734	11,267
61	61	84 223	4 294,199	49 153,943	11,447	10,980
62	62	82 831	4 022,144	44 859,744	11,153	10,687
63	63	81 330	3 761,166	40 837,600	10,858	10,391
64	64	79 738	3 511,974	37 076,434	10,557	10,091
65	65	78 027	3 272,959	33 564,459	10,255	9,789
66	66	76 212	3 044,612	30 291,501	9,949	9,483
67	67	74 312	2 827,319	27 246,888	9,637	9,171
68	68	72 270	2 618,705	24 419,569	9,325	8,859
69	69	70 194	2 422,360	21 800,864	9,000	8,533
70	70	67 978	2 234,162	19 378,504	8,674	8,207
71	71	65 645	2 054,759	17 144,342	8,344	7,877
72	72	63 186	1 883,618	15 089,583	8,011	7,545
73	73	60 647	1 721,839	13 205,965	7,670	7,203
74	74	58 019	1 568,774	11 484,126	7,320	6,854
75	75	55 263	1 423,105	9 915,352	6,967	6,501
76	76	52 364	1 284,249	8 492,247	6,613	6,146
77	77	49 293	1 151,364	7 207,998	6,260	5,794
78	78	46 104	1 025,593	6 056,634	5,905	5,439
79	79	42 737	905,410	5 031,041	5,557	5,090
80	80	39 169	790,311	4 125,631	5,220	4,754
81	81	35 458	681,366	3 335,320	4,895	4,429
82	82	31 640	579,055	2 653,953	4,583	4,117
83	83	27 801	484,559	2 074,899	4,282	3,816
84	84	23 966	397,819	1 590,339	3,998	3,531
85	85	20 224	319,719	1 192,520	3,730	3,263
86	86	16 656	250,771	872,801	3,480	3,014
87	87	13 353	191,480	622,030	3,249	2,782
88	88	10 406	142,111	430,550	3,030	2,563
89	89	7 852	102,128	288,439	2,824	2,358
90	90	5 716	70,799	186,311	2,632	2,165
91	91	3 996	47,137	115,512	2,451	1,984
92	92	2 654	29,814	68,375	2,293	1,827
93	93	1 672	17,896	38,561	2,155	1,688
94	94	1 000	10,192	20,665	2,028	1,561
95	95	556	5,393	10,473	1,942	1,475
96	96	298	2,754	5,079	1,844	1,378
97	97	150	1,317	2,325	1,765	1,298
98	98	72	0,600	1,008	1,678	1,212
99	99	32	0,254	0,407	1,604	1,138
100	100	13	0,100	0,153	1,540	1,074

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	2 009 840,803	20,160	19,694	50	51	93 725	8 173,175	117 137,974	14,332	13,866
1	2	99 317	94 587,703	1 910 147,189	20,194	19,728	51	52	93 189	7 739,462	108 964,799	14,079	13,613
2	3	99 278	90 048,264	1 815 559,486	20,162	19,696	52	53	92 601	7 324,429	101 225,338	13,820	13,354
3	4	99 251	85 736,659	1 725 511,222	20,126	19,659	53	54	91 940	6 925,796	93 900,909	13,558	13,092
4	5	99 229	81 636,025	1 639 774,563	20,086	19,620	54	55	91 206	6 543,354	86 975,113	13,292	12,826
5	6	99 210	77 733,748	1 558 138,538	20,045	19,578	55	56	90 397	6 176,496	80 431,759	13,022	12,556
6	7	99 194	74 020,291	1 480 404,791	20,000	19,534	56	57	89 516	5 825,053	74 255,263	12,748	12,281
7	8	99 179	70 484,730	1 406 384,499	19,953	19,487	57	58	88 550	5 487,781	68 430,210	12,470	12,003
8	9	99 165	67 118,507	1 335 899,769	19,904	19,437	58	59	87 494	5 164,170	62 942,429	12,188	11,722
9	10	99 150	63 913,044	1 268 781,263	19,852	19,385	59	60	86 337	4 853,190	57 778,259	11,905	11,439
10	11	99 136	60 861,064	1 204 868,219	19,797	19,331	60	61	85 077	4 554,643	52 925,068	11,620	11,154
11	12	99 121	57 954,144	1 144 007,155	19,740	19,273	61	62	83 752	4 270,173	48 370,426	11,328	10,861
12	13	99 105	55 185,127	1 086 053,011	19,680	19,214	62	63	82 328	3 997,703	44 100,253	11,031	10,565
13	14	99 088	52 548,641	1 030 867,883	19,617	19,151	63	64	80 794	3 736,401	40 102,550	10,733	10,267
14	15	99 068	50 036,288	978 319,242	19,552	19,086	64	65	79 157	3 486,381	36 366,149	10,431	9,965
15	16	99 044	47 641,891	928 282,955	19,485	19,018	65	66	77 402	3 246,735	32 879,768	10,127	9,661
16	17	99 015	45 360,009	880 641,064	19,414	18,948	66	67	75 547	3 018,016	29 633,033	9,819	9,352
17	18	98 975	43 182,558	835 281,055	19,343	18,877	67	68	73 591	2 799,910	26 615,016	9,506	9,039
18	19	98 926	41 105,814	792 098,498	19,270	18,803	68	69	71 532	2 591,956	23 815,106	9,188	8,722
19	20	98 869	39 125,833	750 992,684	19,194	18,728	69	70	69 410	2 395,297	21 223,150	8,860	8,394
20	21	98 809	37 240,242	711 866,850	19,116	18,649	70	71	67 149	2 206,942	18 827,854	8,531	8,065
21	22	98 749	35 445,042	674 626,608	19,033	18,567	71	72	64 766	2 027,245	16 620,912	8,199	7,732
22	23	98 687	33 736,247	639 181,567	18,946	18,480	72	73	62 276	1 856,476	14 593,666	7,861	7,395
23	24	98 621	32 108,300	605 445,319	18,856	18,390	73	74	59 708	1 695,180	12 737,191	7,514	7,047
24	25	98 559	30 560,108	573 337,019	18,761	18,295	74	75	57 026	1 541,935	11 042,010	7,161	6,695
25	26	98 493	29 085,371	542 776,912	18,662	18,195	75	76	54 209	1 395,969	9 500,075	6,805	6,339
26	27	98 427	27 681,638	513 691,541	18,557	18,091	76	77	51 221	1 256,219	8 104,105	6,451	5,985
27	28	98 359	26 345,218	486 009,902	18,448	17,981	77	78	48 088	1 123,211	6 847,887	6,097	5,630
28	29	98 282	25 071,189	459 664,685	18,334	17,868	78	79	44 809	996,774	5 724,676	5,743	5,277
29	30	98 206	23 858,848	434 593,496	18,215	17,749	79	80	41 330	875,601	4 727,902	5,400	4,933
30	31	98 121	22 702,958	410 734,647	18,092	17,625	80	81	37 665	759,957	3 852,301	5,069	4,603
31	32	98 033	21 602,511	388 031,689	17,962	17,496	81	82	33 896	651,344	3 092,344	4,748	4,281
32	33	97 932	20 552,523	366 429,178	17,829	17,363	82	83	30 048	549,904	2 441,000	4,439	3,973
33	34	97 828	19 553,155	345 876,655	17,689	17,223	83	84	26 186	456,415	1 891,096	4,143	3,677
34	35	97 720	18 601,551	326 323,500	17,543	17,076	84	85	22 355	371,077	1 434,681	3,866	3,400
35	36	97 602	17 694,373	307 721,949	17,391	16,925	85	86	18 662	295,030	1 063,604	3,605	3,139
36	37	97 470	16 828,929	290 027,576	17,234	16,767	86	87	15 175	228,476	768,574	3,364	2,898
37	38	97 339	16 005,961	273 198,647	17,069	16,602	87	88	12 002	172,104	540,098	3,138	2,672
38	39	97 191	15 220,570	257 192,686	16,898	16,431	88	89	9 211	125,793	367,994	2,925	2,459
39	40	97 031	14 471,942	241 972,116	16,720	16,254	89	90	6 824	88,757	242,201	2,729	2,262
40	41	96 859	13 758,415	227 500,174	16,535	16,069	90	91	4 870	60,325	153,443	2,544	2,077
41	42	96 664	13 076,802	213 741,759	16,345	15,879	91	92	3 327	39,249	93,118	2,372	1,906
42	43	96 455	12 427,281	200 664,957	16,147	15,681	92	93	2 156	24,222	53,869	2,224	1,758
43	44	96 225	11 807,235	188 237,676	15,943	15,476	93	94	1 323	14,152	29,646	2,095	1,628
44	45	95 969	11 215,119	176 430,441	15,731	15,265	94	95	765	7,795	15,494	1,988	1,521
45	46	95 691	10 650,031	165 215,323	15,513	15,047	95	96	417	4,050	7,699	1,901	1,434
46	47	95 374	10 109,300	154 565,291	15,289	14,823	96	97	218	2,012	3,649	1,813	1,347
47	48	95 029	9 593,098	144 455,991	15,058	14,592	97	98	108	0,952	1,637	1,719	1,252
48	49	94 641	9 098,995	134 862,894	14,822	14,355	98	99	50	0,417	0,684	1,639	1,173
49	50	94 207	8 625,924	125 763,898	14,580	14,113	99	100	21	0,170	0,267	1,570	1,104

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	2 008 330,514	20,150	19,683
1	3	99 305	94 576,440	1 908 659,935	20,181	19,715
2	4	99 266	90 037,535	1 814 083,495	20,148	19,682
3	5	99 242	85 728,863	1 724 045,960	20,110	19,644
4	6	99 222	81 629,902	1 638 317,097	20,070	19,604
5	7	99 204	77 728,631	1 556 687,194	20,027	19,561
6	8	99 189	74 016,642	1 478 958,563	19,981	19,515
7	9	99 173	70 480,366	1 404 941,921	19,934	19,467
8	10	99 158	67 114,164	1 334 461,555	19,883	19,417
9	11	99 144	63 909,257	1 267 347,391	19,830	19,364
10	12	99 129	60 856,531	1 203 438,135	19,775	19,309
11	13	99 113	57 949,559	1 142 581,603	19,717	19,250
12	14	99 096	55 180,397	1 084 632,045	19,656	19,190
13	15	99 078	52 543,127	1 029 451,648	19,593	19,126
14	16	99 056	50 030,028	976 908,521	19,526	19,060
15	17	99 030	47 635,169	926 878,493	19,458	18,991
16	18	99 001	45 353,367	879 243,324	19,387	18,920
17	19	98 955	43 173,764	833 889,957	19,315	18,848
18	20	98 907	41 097,880	790 716,194	19,240	18,773
19	21	98 851	39 118,588	749 618,314	19,163	18,696
20	22	98 793	37 234,077	710 499,725	19,082	18,616
21	23	98 731	35 438,908	673 265,649	18,998	18,532
22	24	98 666	33 728,927	637 826,741	18,910	18,444
23	25	98 605	32 102,855	604 097,814	18,818	18,351
24	26	98 541	30 554,409	571 994,959	18,721	18,254
25	27	98 474	29 079,712	541 440,549	18,619	18,153
26	28	98 405	27 675,592	512 360,837	18,513	18,047
27	29	98 334	26 338,647	484 685,245	18,402	17,936
28	30	98 257	25 064,701	458 346,598	18,287	17,820
29	31	98 177	23 851,764	433 281,897	18,166	17,699
30	32	98 090	22 695,712	409 430,133	18,040	17,574
31	33	97 999	21 595,014	386 734,421	17,909	17,442
32	34	97 897	20 545,205	365 139,408	17,772	17,306
33	35	97 790	19 545,507	344 594,202	17,630	17,164
34	36	97 681	18 594,064	325 048,695	17,481	17,015
35	37	97 557	17 686,077	306 454,631	17,327	16,861
36	38	97 425	16 821,184	288 768,554	17,167	16,701
37	39	97 282	15 996,587	271 947,370	17,000	16,534
38	40	97 133	15 211,503	255 950,783	16,826	16,360
39	41	96 965	14 462,120	240 739,279	16,646	16,180
40	42	96 785	13 747,919	226 277,160	16,459	15,993
41	43	96 583	13 065,951	212 529,241	16,266	15,799
42	44	96 369	12 416,097	199 463,290	16,065	15,598
43	45	96 127	11 795,191	187 047,193	15,858	15,392
44	46	95 863	11 202,648	175 252,002	15,644	15,177
45	47	95 569	10 636,509	164 049,353	15,423	14,957
46	48	95 237	10 094,808	153 412,845	15,197	14,731
47	49	94 877	9 577,753	143 318,037	14,964	14,497
48	50	94 470	9 082,513	133 740,284	14,725	14,259
49	51	94 021	8 608,925	124 657,771	14,480	14,014
50	52	93 518	8 155,122	116 048,846	14,230	13,764
51	53	92 960	7 720,459	107 893,724	13,975	13,509
52	54	92 348	7 304,410	100 173,265	13,714	13,248
53	55	91 663	6 904,952	92 868,855	13,450	12,983
54	56	90 904	6 521,673	85 963,903	13,181	12,715
55	57	90 070	6 154,144	79 442,229	12,909	12,442
56	58	89 159	5 801,798	73 288,086	12,632	12,166
57	59	88 159	5 463,576	67 486,288	12,352	11,886
58	60	87 072	5 139,227	62 022,711	12,068	11,602
59	61	85 871	4 827,027	56 883,484	11,784	11,318
60	62	84 601	4 529,159	52 056,457	11,494	11,027
61	63	83 243	4 244,224	47 527,298	11,198	10,732
62	64	81 786	3 971,380	43 283,074	10,899	10,432
63	65	80 205	3 709,172	39 311,693	10,599	10,132
64	66	78 523	3 458,448	35 602,521	10,294	9,828
65	67	76 726	3 218,374	32 144,073	9,988	9,521
66	68	74 814	2 988,759	28 925,699	9,678	9,212
67	69	72 840	2 771,309	25 936,941	9,359	8,893
68	70	70 733	2 562,998	23 165,631	9,038	8,572
69	71	68 564	2 366,114	20 602,633	8,707	8,241
70	72	66 250	2 177,390	18 236,520	8,375	7,909
71	73	63 833	1 998,034	16 059,129	8,037	7,571
72	74	61 312	1 827,732	14 061,096	7,693	7,227
73	75	58 687	1 666,179	12 233,363	7,342	6,876
74	76	55 939	1 512,534	10 567,184	6,986	6,520
75	77	53 026	1 365,501	9 054,650	6,631	6,165
76	78	49 969	1 225,502	7 689,149	6,274	5,808
77	79	46 737	1 091,648	6 463,647	5,921	5,455
78	80	43 333	963,957	5 371,999	5,573	5,106
79	81	39 742	841,971	4 408,042	5,235	4,769
80	82	36 005	726,471	3 566,071	4,909	4,442
81	83	32 189	618,554	2 839,600	4,591	4,124
82	84	28 302	517,965	2 221,046	4,288	3,822
83	85	24 426	425,734	1 703,081	4,000	3,534
84	86	20 628	342,422	1 277,347	3,730	3,264
85	87	17 003	268,800	934,925	3,478	3,012
86	88	13 639	205,356	666,125	3,244	2,777
87	89	10 624	152,342	460,769	3,025	2,558
88	90	8 005	109,324	308,426	2,821	2,355
89	91	5 815	75,627	199,102	2,633	2,166
90	92	4 055	50,231	123,475	2,458	1,992
91	93	2 703	31,888	73,244	2,297	1,831
92	94	1 705	19,155	41,357	2,159	1,693
93	95	1 012	10,824	22,201	2,051	1,585
94	96	574	5,854	11,377	1,944	1,477
95	97	305	2,959	5,524	1,867	1,400
96	98	157	1,455	2,565	1,763	1,297
97	99	75	0,662	1,110	1,677	1,210
98	100	33	0,279	0,448	1,603	1,137

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	2 006 719,294	20,136	19,670
1	4	99 293	94 565,172	1 907 060,583	20,167	19,700
2	5	99 257	90 029,348	1 812 495,411	20,132	19,666
3	6	99 234	85 722,434	1 722 466,063	20,094	19,627
4	7	99 215	81 624,529	1 636 743,629	20,052	19,586
5	8	99 199	77 724,799	1 555 119,100	20,008	19,542
6	9	99 183	74 012,060	1 477 394,301	19,962	19,495
7	10	99 167	70 475,806	1 403 382,241	19,913	19,447
8	11	99 152	67 110,187	1 332 906,436	19,861	19,395
9	12	99 137	63 904,497	1 265 796,249	19,808	19,341
10	13	99 121	60 851,717	1 201 891,752	19,751	19,285
11	14	99 105	57 944,591	1 141 040,036	19,692	19,226
12	15	99 086	55 174,606	1 083 095,444	19,630	19,164
13	16	99 066	52 536,553	1 027 920,838	19,566	19,099
14	17	99 042	50 022,969	975 384,284	19,499	19,032
15	18	99 016	47 628,194	925 361,316	19,429	18,962
16	19	98 981	45 344,131	877 733,122	19,357	18,891
17	20	98 936	43 165,430	832 388,991	19,284	18,817
18	21	98 889	41 090,270	789 223,560	19,207	18,741
19	22	98 834	39 112,112	748 133,291	19,128	18,662
20	23	98 776	37 227,633	709 021,179	19,046	18,579
21	24	98 710	35 431,218	671 793,545	18,960	18,494
22	25	98 649	33 723,208	636 362,327	18,870	18,404
23	26	98 586	32 096,869	602 639,119	18,776	18,309
24	27	98 522	30 548,464	570 542,250	18,677	18,210
25	28	98 453	29 073,360	539 993,785	18,573	18,107
26	29	98 381	27 668,690	510 920,426	18,466	17,999
27	30	98 309	26 331,831	483 251,736	18,352	17,886
28	31	98 228	25 057,259	456 919,904	18,235	17,769
29	32	98 146	23 844,150	431 862,646	18,112	17,645
30	33	98 056	22 687,835	408 018,495	17,984	17,518
31	34	97 964	21 587,325	385 330,660	17,850	17,383
32	35	97 858	20 537,170	363 743,335	17,711	17,245
33	36	97 750	19 537,641	343 206,166	17,566	17,100
34	37	97 635	18 585,347	323 668,525	17,415	16,949
35	38	97 512	17 677,937	305 083,178	17,258	16,791
36	39	97 368	16 811,333	287 405,241	17,096	16,630
37	40	97 224	15 987,058	270 593,908	16,926	16,459
38	41	97 067	15 201,179	254 606,851	16,749	16,283
39	42	96 891	14 451,087	239 405,671	16,567	16,100
40	43	96 705	13 736,511	224 954,584	16,376	15,910
41	44	96 496	13 054,192	211 218,073	16,180	15,714
42	45	96 270	12 403,432	198 163,881	15,977	15,510
43	46	96 020	11 782,075	185 760,449	15,766	15,300
44	47	95 741	11 188,424	173 978,373	15,550	15,083
45	48	95 432	10 621,261	162 789,950	15,327	14,860
46	49	95 085	10 078,660	152 168,689	15,098	14,632
47	50	94 705	9 560,403	142 090,028	14,862	14,396
48	51	94 283	9 064,614	132 529,625	14,621	14,154
49	52	93 813	8 589,910	123 465,011	14,373	13,907
50	53	93 288	8 135,099	114 875,101	14,121	13,655
51	54	92 706	7 699,358	106 740,002	13,863	13,397
52	55	92 070	7 282,427	99 040,644	13,600	13,134
53	56	91 359	6 882,073	91 758,217	13,333	12,867
54	57	90 575	6 498,072	84 876,144	13,062	12,595
55	58	89 710	6 129,575	78 378,072	12,787	12,320
56	59	88 765	5 776,209	72 248,498	12,508	12,042
57	60	87 733	5 437,187	66 472,289	12,225	11,759
58	61	86 602	5 111,522	61 035,101	11,941	11,474
59	62	85 391	4 800,019	55 923,580	11,651	11,184
60	63	84 087	4 501,637	51 123,561	11,357	10,890
61	64	82 694	4 216,279	46 621,924	11,058	10,591
62	65	81 190	3 942,440	42 405,645	10,756	10,290
63	66	79 563	3 679,454	38 463,206	10,454	9,987
64	67	77 837	3 428,237	34 783,752	10,146	9,680
65	68	75 982	3 187,174	31 355,515	9,838	9,372
66	69	74 050	2 958,229	28 168,341	9,522	9,056
67	70	72 026	2 740,348	25 210,112	9,200	8,733
68	71	69 871	2 531,772	22 469,764	8,875	8,409
69	72	67 646	2 334,431	19 937,993	8,541	8,074
70	73	65 296	2 146,016	17 603,562	8,203	7,737
71	74	62 844	1 967,099	15 457,547	7,858	7,392
72	75	60 263	1 796,463	13 490,448	7,509	7,043
73	76	57 568	1 634,409	11 693,985	7,155	6,688
74	77	54 718	1 479,522	10 059,576	6,799	6,333
75	78	51 729	1 332,112	8 580,055	6,441	5,975
76	79	48 565	1 191,065	7 247,943	6,085	5,619
77	80	45 198	1 055,708	6 056,878	5,737	5,271
78	81	41 669	926,933	5 001,170	5,395	4,929
79	82	37 991	804,871	4 074,237	5,062	4,596
80	83	34 192	689,900	3 269,365	4,739	4,272
81	84	30 320	582,627	2 579,466	4,427	3,961
82	85	26 400	483,147	1 996,839	4,133	3,667
83	86	22 540	392,859	1 513,692	3,853	3,387
84	87	18 794	311,978	1 120,833	3,593	3,126
85	88	15 282	241,600	808,855	3,348	2,882
86	89	12 073	181,776	567,255	3,121	2,654
87	90	9 233	132,398	385,479	2,912	2,445
88	91	6 821	93,151	253,081	2,717	2,250
89	92	4 842	62,972	159,930	2,540	2,073
90	93	3 295	40,810	96,958	2,376	1,909
91	94	2 138	25,217	56,148	2,227	1,760
92	95	1 304	14,650	30,932	2,111	1,645
93	96	760	8,129	16,281	2,003	1,537
94	97	420	4,276	8,153	1,906	1,440
95	98	220	2,139	3,876	1,812	1,346
96	99	109	1,011	1,737	1,718	1,251
97	100	50	0,443	0,726	1,638	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	2 004 988,739	20,121	19,655
1	5	99 284	94 556,573	1 905 341,902	20,150	19,684
2	6	99 250	90 022,597	1 810 785,329	20,115	19,648
3	7	99 228	85 716,791	1 720 762,732	20,075	19,609
4	8	99 210	81 620,505	1 635 045,941	20,032	19,566
5	9	99 193	77 719,987	1 553 425,436	19,987	19,521
6	10	99 177	74 007,271	1 475 705,449	19,940	19,474
7	11	99 161	70 471,630	1 401 698,178	19,890	19,424
8	12	99 145	67 105,188	1 331 226,548	19,838	19,372
9	13	99 129	63 899,441	1 264 121,360	19,783	19,317
10	14	99 113	60 846,500	1 200 221,919	19,725	19,259
11	15	99 095	57 938,511	1 139 375,419	19,665	19,199
12	16	99 073	55 167,704	1 081 436,908	19,603	19,136
13	17	99 052	52 529,140	1 026 269,204	19,537	19,071
14	18	99 028	50 015,644	973 740,064	19,469	19,002
15	19	98 995	47 618,495	923 724,419	19,398	18,932
16	20	98 961	45 335,379	876 105,925	19,325	18,859
17	21	98 918	43 157,437	830 770,546	19,250	18,783
18	22	98 872	41 083,467	787 613,108	19,171	18,705
19	23	98 817	39 105,344	746 529,642	19,090	18,624
20	24	98 755	37 219,556	707 424,298	19,007	18,540
21	25	98 693	35 425,210	670 204,742	18,919	18,452
22	26	98 631	33 716,920	634 779,532	18,827	18,360
23	27	98 567	32 090,624	601 062,612	18,730	18,264
24	28	98 500	30 541,792	568 971,988	18,629	18,163
25	29	98 428	29 066,109	538 430,196	18,524	18,058
26	30	98 355	27 661,530	509 364,087	18,414	17,948
27	31	98 280	26 324,013	481 702,558	18,299	17,833
28	32	98 196	25 049,260	455 378,545	18,179	17,713
29	33	98 112	23 835,875	430 329,284	18,054	17,587
30	34	98 021	22 679,757	406 493,409	17,923	17,457
31	35	97 926	21 578,882	383 813,652	17,787	17,320
32	36	97 819	20 528,904	362 234,770	17,645	17,179
33	37	97 705	19 528,481	341 705,866	17,498	17,031
34	38	97 590	18 576,793	322 177,386	17,343	16,877
35	39	97 455	17 667,584	303 600,592	17,184	16,718
36	40	97 310	16 801,318	285 933,009	17,018	16,552
37	41	97 158	15 976,207	269 131,691	16,846	16,379
38	42	96 993	15 189,583	253 155,483	16,666	16,200
39	43	96 811	14 439,095	237 965,900	16,481	16,014
40	44	96 618	13 724,149	223 526,805	16,287	15,821
41	45	96 398	13 040,877	209 802,656	16,088	15,622
42	46	96 163	12 389,640	196 761,779	15,881	15,415
43	47	95 898	11 767,115	184 372,139	15,668	15,202
44	48	95 604	11 172,385	172 605,024	15,449	14,983
45	49	95 279	10 604,271	161 432,639	15,223	14,757
46	50	94 912	10 060,403	150 828,368	14,992	14,526
47	51	94 518	9 541,563	140 767,964	14,753	14,287
48	52	94 075	9 044,593	131 226,402	14,509	14,042
49	53	93 583	8 568,819	122 181,809	14,259	13,792
50	54	93 033	8 112,865	113 612,990	14,004	13,538
51	55	92 427	7 676,186	105 500,125	13,744	13,277
52	56	91 765	7 258,297	97 823,940	13,478	13,011
53	57	91 029	6 857,168	90 565,643	13,207	12,741
54	58	90 213	6 472,130	83 708,475	12,934	12,467
55	59	89 315	6 102,540	77 236,345	12,656	12,190
56	60	88 337	5 748,310	71 133,805	12,375	11,908
57	61	87 260	5 407,875	65 385,495	12,091	11,624
58	62	86 118	5 082,922	59 977,620	11,800	11,333
59	63	84 872	4 770,851	54 894,698	11,506	11,040
60	64	83 533	4 471,996	50 123,847	11,208	10,742
61	65	82 092	4 185,553	45 651,850	10,907	10,441
62	66	80 539	3 910,852	41 466,297	10,603	10,136
63	67	78 868	3 647,312	37 555,445	10,297	9,830
64	68	77 082	3 395,002	33 908,133	9,988	9,521
65	69	75 206	3 154,617	30 513,131	9,673	9,206
66	70	73 223	2 925,179	27 358,513	9,353	8,886
67	71	71 148	2 706,961	24 433,334	9,026	8,560
68	72	68 935	2 497,870	21 726,374	8,698	8,232
69	73	66 671	2 300,793	19 228,503	8,357	7,891
70	74	64 285	2 112,789	16 927,710	8,012	7,546
71	75	61 769	1 933,445	14 814,921	7,662	7,196
72	76	59 114	1 762,209	12 881,476	7,310	6,843
73	77	56 311	1 598,736	11 119,267	6,955	6,489
74	78	53 380	1 443,345	9 520,531	6,596	6,130
75	79	50 276	1 294,679	8 077,187	6,239	5,772
76	80	46 966	1 151,851	6 782,508	5,888	5,422
77	81	43 462	1 015,160	5 630,656	5,547	5,080
78	82	39 833	886,090	4 615,496	5,209	4,742
79	83	36 079	764,353	3 729,406	4,879	4,413
80	84	32 206	649,829	2 965,053	4,563	4,096
81	85	28 282	543,462	2 315,224	4,260	3,794
82	86	24 361	445,837	1 771,762	3,974	3,508
83	87	20 536	357,930	1 325,925	3,704	3,238
84	88	16 892	280,409	967,994	3,452	2,986
85	89	13 527	213,858	687,585	3,215	2,749
86	90	10 492	157,979	473,727	2,999	2,532
87	91	7 867	112,811	315,748	2,799	2,333
88	92	5 680	77,564	202,937	2,616	2,150
89	93	3 934	51,161	125,373	2,451	1,984
90	94	2 605	32,272	74,212	2,300	1,833
91	95	1 635	19,287	41,940	2,175	1,708
92	96	979	11,002	22,653	2,059	1,593
93	97	555	5,938	11,651	1,962	1,496
94	98	303	3,092	5,713	1,848	1,382
95	99	153	1,487	2,622	1,763	1,297
96	100	73	0,677	1,135	1,676	1,209

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	2 003 131,509	20,104	19,638
1	6	99 277	94 549,482	1 903 493,732	20,132	19,666
2	7	99 243	90 016,671	1 808 944,251	20,096	19,629
3	8	99 223	85 712,566	1 718 927,580	20,055	19,588
4	9	99 204	81 615,452	1 633 215,014	20,011	19,545
5	10	99 186	77 714,958	1 551 599,562	19,965	19,499
6	11	99 171	74 002,886	1 473 884,604	19,917	19,450
7	12	99 153	70 466,381	1 399 881,719	19,866	19,400
8	13	99 137	67 099,879	1 329 415,338	19,812	19,346
9	14	99 121	63 893,963	1 262 315,459	19,756	19,290
10	15	99 102	60 840,115	1 198 421,495	19,698	19,231
11	16	99 082	57 931,263	1 137 581,380	19,637	19,170
12	17	99 059	55 159,920	1 079 650,117	19,573	19,107
13	18	99 037	52 521,449	1 024 490,198	19,506	19,040
14	19	99 007	50 005,459	971 968,748	19,437	18,971
15	20	98 976	47 609,303	921 963,289	19,365	18,899
16	21	98 943	45 326,984	874 353,986	19,290	18,824
17	22	98 901	43 150,292	829 027,002	19,213	18,746
18	23	98 855	41 076,358	785 876,710	19,132	18,666
19	24	98 796	39 096,859	744 800,352	19,050	18,584
20	25	98 738	37 213,244	705 703,493	18,964	18,497
21	26	98 675	35 418,605	668 490,249	18,874	18,408
22	27	98 612	33 710,359	633 071,644	18,780	18,313
23	28	98 546	32 083,615	599 361,285	18,681	18,215
24	29	98 476	30 534,175	567 277,671	18,578	18,112
25	30	98 403	29 058,587	536 743,496	18,471	18,005
26	31	98 326	27 653,316	507 684,908	18,359	17,893
27	32	98 248	26 315,610	480 031,592	18,241	17,775
28	33	98 162	25 040,567	453 715,982	18,119	17,653
29	34	98 077	23 827,389	428 675,415	17,991	17,524
30	35	97 982	22 670,887	404 848,026	17,858	17,391
31	36	97 886	21 570,197	382 177,139	17,718	17,251
32	37	97 773	20 519,279	360 606,943	17,574	17,108
33	38	97 660	19 519,493	340 087,664	17,423	16,957
34	39	97 533	18 565,914	320 568,171	17,266	16,800
35	40	97 397	17 657,059	302 002,257	17,104	16,637
36	41	97 244	16 789,915	284 345,198	16,935	16,469
37	42	97 084	15 964,020	267 555,283	16,760	16,293
38	43	96 912	15 176,978	251 591,263	16,577	16,111
39	44	96 723	14 426,101	236 414,285	16,388	15,922
40	45	96 519	13 710,150	221 988,184	16,192	15,725
41	46	96 291	13 026,376	208 278,034	15,989	15,523
42	47	96 041	12 373,909	195 251,658	15,779	15,313
43	48	95 761	11 750,247	182 877,749	15,564	15,097
44	49	95 451	11 154,514	171 127,503	15,342	14,875
45	50	95 107	10 585,062	159 972,989	15,113	14,647
46	51	94 725	10 040,578	149 387,927	14,878	14,412
47	52	94 310	9 520,488	139 347,349	14,637	14,170
48	53	93 844	9 022,385	129 826,862	14,389	13,923
49	54	93 327	8 545,399	120 804,476	14,137	13,670
50	55	92 753	8 088,448	112 259,077	13,879	13,413
51	56	92 121	7 650,751	104 170,629	13,616	13,149
52	57	91 433	7 232,030	96 519,878	13,346	12,880
53	58	90 665	6 829,792	89 287,848	13,073	12,607
54	59	89 815	6 443,584	82 458,056	12,797	12,331
55	60	88 883	6 073,064	76 014,471	12,517	12,050
56	61	87 860	5 717,321	69 941,407	12,233	11,767
57	62	86 772	5 377,618	64 224,086	11,943	11,476
58	63	85 594	5 052,035	58 846,468	11,648	11,182
59	64	84 313	4 739,438	53 794,433	11,350	10,884
60	65	82 925	4 439,407	49 054,996	11,050	10,583
61	66	81 434	4 152,018	44 615,588	10,746	10,279
62	67	79 836	3 876,689	40 463,571	10,438	9,971
63	68	78 103	3 611,954	36 586,881	10,129	9,663
64	69	76 295	3 360,323	32 974,928	9,813	9,347
65	70	74 366	3 119,373	29 614,605	9,494	9,027
66	71	72 331	2 889,540	26 495,231	9,169	8,703
67	72	70 196	2 670,713	23 605,691	8,839	8,372
68	73	67 942	2 461,878	20 934,978	8,504	8,037
69	74	65 639	2 265,170	18 473,100	8,155	7,689
70	75	63 185	2 076,643	16 207,930	7,805	7,338
71	76	60 591	1 896,579	14 131,287	7,451	6,985
72	77	57 823	1 723,747	12 234,708	7,098	6,631
73	78	54 934	1 559,644	10 510,961	6,739	6,273
74	79	51 880	1 402,786	8 951,317	6,381	5,915
75	80	48 621	1 252,054	7 548,531	6,029	5,563
76	81	45 162	1 107,611	6 296,477	5,685	5,218
77	82	41 547	970,430	5 188,866	5,347	4,881
78	83	37 828	841,483	4 218,437	5,013	4,547
79	84	33 983	719,958	3 376,954	4,690	4,224
80	85	30 042	606,147	2 656,996	4,383	3,917
81	86	26 098	501,496	2 050,849	4,089	3,623
82	87	22 195	406,199	1 549,354	3,814	3,348
83	88	18 458	321,711	1 143,154	3,553	3,087
84	89	14 953	248,211	821,443	3,309	2,843
85	90	11 756	185,860	573,232	3,084	2,618
86	91	8 940	134,608	387,372	2,878	2,411
87	92	6 551	93,934	252,764	2,691	2,224
88	93	4 614	63,016	158,830	2,520	2,054
89	94	3 111	40,458	95,814	2,368	1,902
90	95	1 993	24,683	55,356	2,243	1,776
91	96	1 228	14,484	30,673	2,118	1,651
92	97	715	8,037	16,189	2,014	1,548
93	98	401	4,293	8,152	1,899	1,433
94	99	211	2,149	3,859	1,796	1,329
95	100	103	0,996	1,710	1,717	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	2 001 137,188	20,086	19,619
1	7	99 270	94 543,258	1 901 506,884	20,113	19,646
2	8	99 238	90 012,233	1 806 963,626	20,075	19,608
3	9	99 217	85 707,259	1 716 951,393	20,033	19,566
4	10	99 198	81 610,171	1 631 244,134	19,988	19,522
5	11	99 180	77 710,353	1 549 633,963	19,941	19,475
6	12	99 164	73 997,374	1 471 923,610	19,892	19,425
7	13	99 145	70 460,806	1 397 926,236	19,840	19,373
8	14	99 129	67 094,127	1 327 465,430	19,785	19,319
9	15	99 110	63 887,259	1 260 371,303	19,728	19,262
10	16	99 090	60 832,504	1 196 484,045	19,668	19,202
11	17	99 068	57 923,088	1 135 651,540	19,606	19,140
12	18	99 045	55 151,843	1 077 728,452	19,541	19,075
13	19	99 017	52 510,754	1 022 576,609	19,474	19,007
14	20	98 988	49 995,807	970 065,855	19,403	18,937
15	21	98 958	47 600,488	920 070,048	19,329	18,863
16	22	98 927	45 319,480	872 469,561	19,252	18,785
17	23	98 884	43 142,825	827 150,081	19,172	18,706
18	24	98 834	41 067,445	784 007,255	19,091	18,624
19	25	98 779	39 090,229	742 939,811	19,006	18,539
20	26	98 719	37 206,305	703 849,582	18,917	18,451
21	27	98 656	35 411,713	666 643,276	18,826	18,359
22	28	98 590	33 702,996	631 231,563	18,729	18,263
23	29	98 521	32 075,613	597 528,567	18,629	18,162
24	30	98 450	30 526,273	565 452,954	18,523	18,057
25	31	98 373	29 049,959	534 926,681	18,414	17,948
26	32	98 295	27 644,489	505 876,722	18,299	17,833
27	33	98 214	26 306,477	478 232,233	18,179	17,713
28	34	98 127	25 031,652	451 925,755	18,054	17,588
29	35	98 038	23 818,069	426 894,104	17,923	17,457
30	36	97 943	22 661,762	403 076,034	17,787	17,320
31	37	97 841	21 560,084	380 414,272	17,644	17,178
32	38	97 728	20 509,835	358 854,188	17,497	17,030
33	39	97 603	19 508,061	338 344,353	17,344	16,877
34	40	97 475	18 554,854	318 836,292	17,183	16,717
35	41	97 331	17 645,075	300 281,438	17,018	16,551
36	42	97 170	16 777,107	282 636,363	16,847	16,380
37	43	97 003	15 950,773	265 859,256	16,667	16,201
38	44	96 825	15 163,320	249 908,483	16,481	16,015
39	45	96 625	14 411,386	234 745,163	16,289	15,822
40	46	96 412	13 694,905	220 333,777	16,089	15,622
41	47	96 169	13 009,836	206 638,872	15,883	15,417
42	48	95 903	12 356,170	193 629,037	15,671	15,204
43	49	95 607	11 731,451	181 272,867	15,452	14,985
44	50	95 278	11 134,308	169 541,415	15,227	14,761
45	51	94 919	10 564,203	158 407,108	14,995	14,528
46	52	94 516	10 018,400	147 842,905	14,757	14,291
47	53	94 078	9 497,112	137 824,505	14,512	14,046
48	54	93 588	8 997,726	128 327,393	14,262	13,796
49	55	93 046	8 519,681	119 329,667	14,006	13,540
50	56	92 446	8 061,648	110 809,986	13,745	13,279
51	57	91 788	7 623,064	102 748,338	13,479	13,012
52	58	91 068	7 203,158	95 125,274	13,206	12,740
53	59	90 265	6 799,669	87 922,116	12,930	12,464
54	60	89 381	6 412,462	81 122,447	12,651	12,184
55	61	88 404	6 040,324	74 709,986	12,369	11,902
56	62	87 369	5 685,332	68 669,661	12,078	11,612
57	63	86 245	5 344,940	62 984,330	11,784	11,318
58	64	85 031	5 018,771	57 639,390	11,485	11,018
59	65	83 699	4 704,900	52 620,619	11,184	10,718
60	66	82 260	4 403,838	47 915,719	10,880	10,414
61	67	80 723	4 115,748	43 511,882	10,572	10,106
62	68	79 062	3 839,107	39 396,133	10,262	9,795
63	69	77 305	3 575,058	35 557,026	9,946	9,479
64	70	75 443	3 322,781	31 981,968	9,625	9,159
65	71	73 460	3 081,368	28 659,187	9,301	8,834
66	72	71 362	2 850,848	25 577,819	8,972	8,506
67	73	69 184	2 632,230	22 726,971	8,634	8,168
68	74	66 890	2 423,761	20 094,740	8,291	7,824
69	75	64 516	2 226,417	17 670,979	7,937	7,471
70	76	61 980	2 037,046	15 444,562	7,582	7,115
71	77	59 269	1 855,184	13 407,516	7,227	6,761
72	78	56 409	1 681,598	11 552,332	6,870	6,403
73	79	53 391	1 515,818	9 870,734	6,512	6,045
74	80	50 172	1 356,602	8 354,917	6,159	5,692
75	81	46 753	1 203,965	6 998,315	5,813	5,346
76	82	43 172	1 058,807	5 794,350	5,473	5,006
77	83	39 455	921,577	4 735,543	5,139	4,672
78	84	35 631	792,608	3 813,966	4,812	4,346
79	85	31 699	671,562	3 021,358	4,499	4,033
80	86	27 722	559,339	2 349,797	4,201	3,735
81	87	23 777	456,909	1 790,457	3,919	3,452
82	88	19 949	365,096	1 333,549	3,653	3,186
83	89	16 338	284,771	968,453	3,401	2,934
84	90	12 995	215,716	683,682	3,169	2,703
85	91	10 017	158,365	467,966	2,955	2,489
86	92	7 444	112,083	309,601	2,762	2,296
87	93	5 322	76,316	197,518	2,588	2,122
88	94	3 649	49,833	121,202	2,432	1,966
89	95	2 379	30,944	71,369	2,306	1,840
90	96	1 496	18,536	40,426	2,181	1,715
91	97	897	10,580	21,890	2,069	1,602
92	98	517	5,810	11,309	1,946	1,480
93	99	279	2,985	5,499	1,842	1,376
94	100	141	1,439	2,514	1,747	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 998 996,388	20,065	19,599
1	8	99 266	94 538,597	1 899 372,642	20,091	19,625
2	9	99 232	90 006,660	1 804 834,045	20,052	19,586
3	10	99 210	85 701,713	1 714 827,384	20,009	19,543
4	11	99 192	81 605,335	1 629 125,671	19,963	19,497
5	12	99 173	77 704,565	1 547 520,336	19,915	19,449
6	13	99 156	73 991,519	1 469 815,771	19,865	19,398
7	14	99 137	70 454,766	1 395 824,252	19,812	19,345
8	15	99 118	67 087,087	1 325 369,486	19,756	19,290
9	16	99 098	63 879,266	1 258 282,399	19,698	19,231
10	17	99 076	60 823,921	1 194 403,133	19,637	19,171
11	18	99 054	57 914,607	1 133 579,212	19,573	19,107
12	19	99 025	55 140,612	1 075 664,605	19,508	19,041
13	20	98 998	52 500,618	1 020 523,993	19,438	18,972
14	21	98 970	49 986,549	968 023,375	19,366	18,899
15	22	98 942	47 592,607	918 036,826	19,289	18,823
16	23	98 910	45 311,637	870 444,219	19,210	18,744
17	24	98 863	43 133,464	825 132,581	19,130	18,663
18	25	98 817	41 060,481	781 999,117	19,045	18,579
19	26	98 761	39 082,940	740 938,637	18,958	18,492
20	27	98 700	37 199,066	701 855,696	18,868	18,401
21	28	98 634	35 403,978	664 656,630	18,774	18,307
22	29	98 565	33 694,591	629 252,652	18,675	18,209
23	30	98 496	32 067,313	595 558,061	18,572	18,106
24	31	98 421	30 517,209	563 490,749	18,465	17,998
25	32	98 342	29 040,686	532 973,540	18,353	17,886
26	33	98 261	27 634,895	503 932,854	18,235	17,769
27	34	98 179	26 297,111	476 297,958	18,112	17,646
28	35	98 089	25 021,861	450 000,847	17,984	17,518
29	36	97 999	23 808,483	424 978,986	17,850	17,383
30	37	97 897	22 651,137	401 170,503	17,711	17,244
31	38	97 795	21 550,161	378 519,365	17,565	17,098
32	39	97 671	20 497,824	356 969,204	17,415	16,949
33	40	97 544	19 496,440	336 471,381	17,258	16,792
34	41	97 409	18 542,261	316 974,941	17,095	16,628
35	42	97 256	17 631,615	298 432,680	16,926	16,460
36	43	97 089	16 763,185	280 801,065	16,751	16,285
37	44	96 916	15 936,418	264 037,880	16,568	16,102
38	45	96 726	15 147,853	248 101,462	16,379	15,912
39	46	96 517	14 395,361	232 953,609	16,183	15,716
40	47	96 290	13 677,516	218 558,248	15,979	15,513
41	48	96 031	12 991,186	204 880,732	15,771	15,304
42	49	95 750	12 336,405	191 889,547	15,555	15,088
43	50	95 434	11 710,200	179 553,141	15,333	14,867
44	51	95 090	11 112,366	167 842,941	15,104	14,638
45	52	94 710	10 540,869	156 730,575	14,869	14,402
46	53	94 284	9 993,802	146 189,706	14,628	14,162
47	54	93 821	9 471,155	136 195,905	14,380	13,914
48	55	93 306	8 970,646	126 724,749	14,127	13,660
49	56	92 738	8 491,452	117 754,103	13,867	13,401
50	57	92 112	8 032,474	109 262,652	13,603	13,136
51	58	91 421	7 592,631	101 230,178	13,333	12,866
52	59	90 666	7 171,388	93 637,547	13,057	12,591
53	60	89 829	6 766,826	86 466,159	12,778	12,312
54	61	88 899	6 377,892	79 699,333	12,496	12,030
55	62	87 909	6 006,528	73 321,441	12,207	11,741
56	63	86 838	5 650,784	67 314,913	11,912	11,446
57	64	85 677	5 309,747	61 664,129	11,613	11,147
58	65	84 411	4 982,197	56 354,382	11,311	10,845
59	66	83 028	4 667,203	51 372,185	11,007	10,541
60	67	81 542	4 365,368	46 704,982	10,699	10,233
61	68	79 940	4 075,849	42 339,613	10,388	9,922
62	69	78 254	3 799,891	38 263,765	10,070	9,603
63	70	76 442	3 535,117	34 463,874	9,749	9,283
64	71	74 523	3 282,298	30 928,757	9,423	8,956
65	72	72 476	3 040,108	27 646,459	9,094	8,628
66	73	70 334	2 809,769	24 606,351	8,757	8,291
67	74	68 113	2 591,476	21 796,582	8,411	7,944
68	75	65 746	2 382,294	19 205,106	8,062	7,595
69	76	63 286	2 183,965	16 822,811	7,703	7,236
70	77	60 627	1 992,586	14 638,847	7,347	6,880
71	78	57 820	1 809,821	12 646,261	6,988	6,521
72	79	54 824	1 634,345	10 836,440	6,630	6,164
73	80	51 633	1 465,912	9 202,095	6,277	5,811
74	81	48 245	1 304,498	7 736,183	5,930	5,464
75	82	44 693	1 150,915	6 431,686	5,588	5,122
76	83	40 999	1 005,505	5 280,771	5,252	4,785
77	84	37 164	868,050	4 275,266	4,925	4,459
78	85	33 236	739,328	3 407,216	4,609	4,142
79	86	29 251	619,703	2 667,888	4,305	3,839
80	87	25 257	509,610	2 048,185	4,019	3,553
81	88	21 371	410,674	1 538,575	3,746	3,280
82	89	17 659	323,174	1 127,901	3,490	3,024
83	90	14 199	247,489	804,728	3,252	2,785
84	91	11 073	183,803	557,238	3,032	2,565
85	92	8 341	131,865	373,435	2,832	2,366
86	93	6 048	91,061	241,570	2,653	2,186
87	94	4 209	60,351	150,509	2,494	2,028
88	95	2 791	38,114	90,158	2,366	1,899
89	96	1 787	23,238	52,045	2,240	1,773
90	97	1 093	13,541	28,807	2,127	1,661
91	98	648	7,649	15,266	1,996	1,529
92	99	360	4,040	7,617	1,886	1,419
93	100	187	1,998	3,577	1,790	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 996 700,218	20,043	19,577
1	9	99 259	94 532,744	1 897 081,383	20,068	19,602
2	10	99 226	90 000,836	1 802 548,639	20,028	19,562
3	11	99 205	85 696,635	1 712 547,803	19,984	19,517
4	12	99 184	81 599,257	1 626 851,167	19,937	19,471
5	13	99 165	77 698,417	1 545 251,910	19,888	19,421
6	14	99 147	73 985,177	1 467 553,493	19,836	19,369
7	15	99 127	70 447,373	1 393 568,316	19,782	19,315
8	16	99 106	67 078,694	1 323 120,944	19,725	19,259
9	17	99 084	63 870,253	1 256 042,250	19,666	19,199
10	18	99 061	60 815,015	1 192 171,997	19,603	19,137
11	19	99 033	57 902,814	1 131 356,982	19,539	19,072
12	20	99 006	55 129,969	1 073 454,169	19,471	19,005
13	21	98 979	52 490,896	1 018 324,200	19,400	18,934
14	22	98 954	49 978,274	965 833,304	19,325	18,859
15	23	98 924	47 584,371	915 855,030	19,247	18,781
16	24	98 888	45 301,805	868 270,659	19,166	18,700
17	25	98 846	43 126,150	822 968,854	19,083	18,616
18	26	98 799	41 052,825	779 842,704	18,996	18,530
19	27	98 741	39 075,336	738 789,879	18,907	18,440
20	28	98 679	37 190,941	699 714,543	18,814	18,348
21	29	98 610	35 395,149	662 523,602	18,718	18,252
22	30	98 540	33 685,871	627 128,454	18,617	18,151
23	31	98 466	32 057,791	593 442,583	18,512	18,045
24	32	98 390	30 507,468	561 384,792	18,402	17,935
25	33	98 308	29 030,608	530 877,324	18,287	17,820
26	34	98 226	27 625,056	501 846,716	18,166	17,700
27	35	98 141	26 286,826	474 221,660	18,040	17,574
28	36	98 049	25 011,790	447 934,834	17,909	17,443
29	37	97 953	23 797,321	422 923,044	17,772	17,305
30	38	97 852	22 640,713	399 125,723	17,629	17,162
31	39	97 738	21 537,540	376 485,010	17,480	17,014
32	40	97 613	20 485,613	354 947,471	17,327	16,860
33	41	97 478	19 483,208	334 461,858	17,167	16,700
34	42	97 335	18 528,115	314 978,650	17,000	16,534
35	43	97 176	17 616,984	296 450,534	16,828	16,361
36	44	97 002	16 748,099	278 833,550	16,649	16,182
37	45	96 817	15 920,162	262 085,451	16,462	15,996
38	46	96 619	15 131,009	246 165,289	16,269	15,803
39	47	96 395	14 377,083	231 034,280	16,070	15,603
40	48	96 152	13 657,909	216 657,197	15,863	15,397
41	49	95 877	12 970,405	202 999,288	15,651	15,185
42	50	95 577	12 314,059	190 028,883	15,432	14,965
43	51	95 246	11 687,123	177 714,824	15,206	14,740
44	52	94 880	11 087,821	166 027,701	14,974	14,507
45	53	94 477	10 514,988	154 939,880	14,735	14,269
46	54	94 026	9 966,488	144 424,892	14,491	14,025
47	55	93 539	9 442,650	134 458,405	14,239	13,773
48	56	92 997	8 940,923	125 015,754	13,982	13,516
49	57	92 402	8 460,722	116 074,831	13,719	13,253
50	58	91 744	8 000,406	107 614,109	13,451	12,985
51	59	91 018	7 559,143	99 613,704	13,178	12,712
52	60	90 229	7 136,750	92 054,561	12,899	12,432
53	61	89 345	6 730,346	84 917,810	12,617	12,151
54	62	88 402	6 342,207	78 187,464	12,328	11,862
55	63	87 375	5 970,029	71 845,257	12,034	11,568
56	64	86 266	5 613,577	65 875,228	11,735	11,269
57	65	85 053	5 271,053	60 261,652	11,433	10,966
58	66	83 735	4 942,279	54 990,599	11,127	10,660
59	67	82 303	4 626,433	50 048,320	10,818	10,352
60	68	80 751	4 323,049	45 421,887	10,507	10,041
61	69	79 124	4 034,215	41 098,838	10,188	9,721
62	70	77 380	3 757,438	37 064,623	9,864	9,398
63	71	75 510	3 492,047	33 307,185	9,538	9,072
64	72	73 526	3 238,347	29 815,138	9,207	8,740
65	73	71 432	2 996,302	26 576,792	8,870	8,403
66	74	69 245	2 766,266	23 580,490	8,524	8,058
67	75	66 948	2 547,140	20 814,224	8,172	7,705
68	76	64 492	2 336,870	18 267,084	7,817	7,351
69	77	61 905	2 136,297	15 930,214	7,457	6,991
70	78	59 145	1 943,863	13 793,916	7,096	6,630
71	79	56 195	1 758,965	11 850,053	6,737	6,271
72	80	53 019	1 580,537	10 091,088	6,385	5,918
73	81	49 650	1 409,609	8 510,552	6,038	5,571
74	82	46 119	1 247,018	7 100,943	5,694	5,228
75	83	42 443	1 092,977	5 853,925	5,356	4,890
76	84	38 617	947,103	4 760,948	5,027	4,560
77	85	34 666	809,699	3 813,845	4,710	4,244
78	86	30 669	682,236	3 004,146	4,403	3,937
79	87	26 650	564,606	2 321,910	4,112	3,646
80	88	22 701	458,042	1 757,304	3,837	3,370
81	89	18 917	363,518	1 299,261	3,574	3,108
82	90	15 347	280,864	935,743	3,332	2,865
83	91	12 099	210,876	654,879	3,106	2,639
84	92	9 220	153,047	444,002	2,901	2,435
85	93	6 777	107,132	290,955	2,716	2,249
86	94	4 783	72,011	183,823	2,553	2,086
87	95	3 219	46,158	111,812	2,422	1,956
88	96	2 096	28,622	65,654	2,294	1,827
89	97	1 305	16,975	37,032	2,182	1,715
90	98	790	9,789	20,056	2,049	1,582
91	99	451	5,318	10,267	1,931	1,464
92	100	241	2,705	4,949	1,830	1,364

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 994 238,813	20,020	19,554
1	10	99 253	94 526,628	1 894 626,146	20,043	19,577
2	11	99 220	89 995,503	1 800 099,518	20,002	19,536
3	12	99 197	85 690,252	1 710 104,015	19,957	19,490
4	13	99 177	81 592,801	1 624 413,763	19,909	19,442
5	14	99 157	77 691,757	1 542 820,961	19,858	19,392
6	15	99 137	73 977,413	1 465 129,205	19,805	19,339
7	16	99 114	70 438,559	1 391 151,792	19,750	19,283
8	17	99 092	67 069,229	1 320 713,232	19,692	19,225
9	18	99 069	63 860,901	1 253 644,003	19,631	19,164
10	19	99 041	60 802,630	1 189 783,102	19,568	19,102
11	20	99 014	57 891,637	1 128 980,472	19,502	19,035
12	21	98 987	55 119,760	1 071 088,835	19,432	18,966
13	22	98 963	52 482,206	1 015 969,074	19,358	18,892
14	23	98 936	49 969,625	963 486,868	19,281	18,815
15	24	98 903	47 574,046	913 517,243	19,202	18,736
16	25	98 871	45 294,124	865 943,197	19,118	18,652
17	26	98 827	43 118,109	820 649,074	19,033	18,566
18	27	98 779	41 044,837	777 530,965	18,943	18,477
19	28	98 720	39 066,800	736 486,128	18,852	18,386
20	29	98 654	37 181,666	697 419,328	18,757	18,291
21	30	98 584	35 385,989	660 237,662	18,658	18,192
22	31	98 511	33 675,869	624 851,673	18,555	18,088
23	32	98 435	32 047,558	591 175,804	18,447	17,980
24	33	98 355	30 496,880	559 128,246	18,334	17,868
25	34	98 273	29 020,272	528 631,366	18,216	17,750
26	35	98 187	27 614,251	499 611,094	18,093	17,626
27	36	98 101	26 276,246	471 996,843	17,963	17,496
28	37	98 003	25 000,064	445 720,597	17,829	17,362
29	38	97 908	23 786,368	420 720,533	17,687	17,221
30	39	97 795	22 627,453	396 934,165	17,542	17,076
31	40	97 680	21 524,710	374 306,712	17,390	16,923
32	41	97 546	20 471,709	352 782,002	17,233	16,766
33	42	97 404	19 468,345	332 310,292	17,069	16,603
34	43	97 254	18 512,741	312 841,947	16,899	16,432
35	44	97 088	17 601,130	294 329,207	16,722	16,256
36	45	96 903	16 731,016	276 728,077	16,540	16,073
37	46	96 709	15 902,460	259 997,061	16,349	15,883
38	47	96 496	15 111,797	244 094,602	16,153	15,686
39	48	96 257	14 356,473	228 982,805	15,950	15,483
40	49	95 998	13 636,062	214 626,332	15,740	15,273
41	50	95 703	12 946,910	200 990,270	15,524	15,058
42	51	95 388	12 289,792	188 043,360	15,301	14,834
43	52	95 036	11 661,309	175 753,568	15,072	14,605
44	53	94 647	11 060,597	164 092,259	14,836	14,369
45	54	94 219	10 486,249	153 031,662	14,594	14,127
46	55	93 743	9 936,492	142 545,414	14,346	13,879
47	56	93 229	9 411,363	132 608,922	14,090	13,624
48	57	92 660	8 908,567	123 197,558	13,829	13,363
49	58	92 033	8 426,945	114 288,992	13,562	13,096
50	59	91 339	7 965,119	105 862,047	13,291	12,824
51	60	90 578	7 522,632	97 896,928	13,014	12,547
52	61	89 742	7 098,276	90 374,295	12,732	12,265
53	62	88 845	6 692,689	83 276,020	12,443	11,976
54	63	87 865	6 303,668	76 583,330	12,149	11,683
55	64	86 800	5 930,720	70 279,663	11,850	11,384
56	65	85 637	5 572,669	64 348,943	11,547	11,081
57	66	84 371	5 228,820	58 776,274	11,241	10,774
58	67	83 003	4 899,106	53 547,454	10,930	10,464
59	68	81 505	4 581,583	48 648,348	10,618	10,152
60	69	79 926	4 278,890	44 066,765	10,299	9,832
61	70	78 240	3 989,144	39 787,876	9,974	9,508
62	71	76 437	3 711,659	35 798,732	9,645	9,179
63	72	74 499	3 445,287	32 087,073	9,313	8,847
64	73	72 466	3 191,684	28 641,786	8,974	8,507
65	74	70 326	2 949,911	25 450,102	8,627	8,161
66	75	68 060	2 718,940	22 500,191	8,275	7,809
67	76	65 671	2 498,572	19 781,251	7,917	7,451
68	77	63 085	2 285,865	17 282,678	7,561	7,094
69	78	60 391	2 084,061	14 996,813	7,196	6,730
70	79	57 483	1 889,240	12 912,752	6,835	6,368
71	80	54 345	1 701,054	11 023,512	6,480	6,014
72	81	50 983	1 519,831	9 322,458	6,134	5,667
73	82	47 462	1 347,498	7 802,627	5,790	5,324
74	83	43 797	1 184,241	6 455,129	5,451	4,984
75	84	39 978	1 029,494	5 270,888	5,120	4,653
76	85	36 022	883,438	4 241,393	4,801	4,335
77	86	31 989	747,173	3 357,955	4,494	4,028
78	87	27 942	621,580	2 610,783	4,200	3,734
79	88	23 953	507,474	1 989,203	3,920	3,453
80	89	20 095	405,448	1 481,729	3,655	3,188
81	90	16 441	315,927	1 076,281	3,407	2,940
82	91	13 076	239,314	760,354	3,177	2,711
83	92	10 074	175,589	521,040	2,967	2,501
84	93	7 491	124,342	345,450	2,778	2,312
85	94	5 359	84,720	221,109	2,610	2,143
86	95	3 658	55,076	136,388	2,476	2,010
87	96	2 417	34,663	81,312	2,346	1,879
88	97	1 531	20,909	46,649	2,231	1,765
89	98	944	12,272	25,740	2,097	1,631
90	99	549	6,806	13,468	1,979	1,512
91	100	302	3,560	6,662	1,871	1,405

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 991 605,097	19,995	19,528
1	11	99 247	94 521,026	1 891 998,876	20,017	19,550
2	12	99 213	89 988,800	1 797 477,849	19,974	19,508
3	13	99 189	85 683,473	1 707 489,049	19,928	19,461
4	14	99 168	81 585,807	1 621 805,576	19,879	19,412
5	15	99 146	77 683,604	1 540 219,769	19,827	19,360
6	16	99 124	73 968,158	1 462 536,165	19,773	19,306
7	17	99 100	70 428,620	1 388 568,006	19,716	19,250
8	18	99 077	67 059,409	1 318 139,386	19,656	19,190
9	19	99 049	63 847,896	1 251 079,977	19,595	19,128
10	20	99 022	60 790,894	1 187 232,081	19,530	19,063
11	21	98 996	57 880,917	1 126 441,187	19,461	18,995
12	22	98 971	55 110,635	1 068 560,270	19,389	18,923
13	23	98 946	52 473,124	1 013 449,635	19,314	18,847
14	24	98 915	49 958,782	960 976,511	19,235	18,769
15	25	98 886	47 565,979	911 017,728	19,153	18,686
16	26	98 853	45 285,678	863 451,749	19,067	18,600
17	27	98 808	43 109,719	818 166,071	18,979	18,512
18	28	98 758	41 035,872	775 056,352	18,887	18,421
19	29	98 695	39 057,057	734 020,481	18,794	18,327
20	30	98 628	37 172,044	694 963,423	18,696	18,229
21	31	98 555	35 375,482	657 791,380	18,595	18,128
22	32	98 479	33 665,119	622 415,898	18,488	18,022
23	33	98 401	32 036,436	588 750,778	18,378	17,911
24	34	98 320	30 486,022	556 714,342	18,261	17,795
25	35	98 235	29 008,921	526 228,320	18,140	17,674
26	36	98 148	27 603,137	497 219,399	18,013	17,547
27	37	98 055	26 263,926	469 616,262	17,881	17,414
28	38	97 958	24 988,558	443 352,335	17,742	17,276
29	39	97 851	23 772,438	418 363,777	17,599	17,132
30	40	97 736	22 613,974	394 591,339	17,449	16,983
31	41	97 614	21 510,101	371 977,366	17,293	16,827
32	42	97 472	20 456,092	350 467,264	17,133	16,666
33	43	97 323	19 452,190	330 011,172	16,965	16,499
34	44	97 166	18 496,080	310 558,982	16,791	16,324
35	45	96 989	17 583,176	292 062,902	16,610	16,144
36	46	96 795	16 712,411	274 479,726	16,424	15,957
37	47	96 587	15 882,268	257 767,314	16,230	15,763
38	48	96 358	15 090,133	241 885,046	16,029	15,563
39	49	96 103	14 333,508	226 794,913	15,823	15,356
40	50	95 824	13 611,361	212 461,405	15,609	15,143
41	51	95 515	12 921,396	198 850,044	15,389	14,923
42	52	95 178	12 262,646	185 928,648	15,162	14,696
43	53	94 802	11 632,677	173 666,002	14,929	14,463
44	54	94 389	11 030,367	162 033,324	14,690	14,223
45	55	93 935	10 454,689	151 002,958	14,444	13,977
46	56	93 433	9 903,569	140 548,269	14,192	13,725
47	57	92 891	9 377,305	130 644,700	13,932	13,466
48	58	92 290	8 873,001	121 267,396	13,667	13,201
49	59	91 628	8 389,777	112 394,394	13,397	12,930
50	60	90 898	7 926,648	104 004,617	13,121	12,654
51	61	90 090	7 482,078	96 077,969	12,841	12,375
52	62	89 240	7 058,560	88 595,892	12,552	12,085
53	63	88 305	6 652,020	81 537,332	12,258	11,791
54	64	87 286	6 262,162	74 885,311	11,958	11,492
55	65	86 167	5 887,500	68 623,150	11,656	11,189
56	66	84 951	5 528,020	62 735,649	11,349	10,882
57	67	83 634	5 183,144	57 207,630	11,037	10,571
58	68	82 199	4 851,612	52 024,486	10,723	10,257
59	69	80 672	4 534,783	47 172,874	10,402	9,936
60	70	79 033	4 231,085	42 638,091	10,077	9,611
61	71	77 286	3 940,542	38 407,005	9,747	9,280
62	72	75 414	3 661,959	34 466,464	9,412	8,946
63	73	73 426	3 395,643	30 804,505	9,072	8,605
64	74	71 344	3 142,268	27 408,862	8,723	8,256
65	75	69 122	2 899,443	24 266,594	8,369	7,903
66	76	66 762	2 667,097	21 367,151	8,011	7,545
67	77	64 238	2 444,038	18 700,055	7,651	7,185
68	78	61 542	2 229,971	16 256,016	7,290	6,823
69	79	58 694	2 025,498	14 026,045	6,925	6,458
70	80	55 590	1 827,040	12 000,547	6,568	6,102
71	81	52 258	1 635,720	10 173,507	6,220	5,753
72	82	48 737	1 452,864	8 537,787	5,877	5,410
73	83	45 073	1 279,663	7 084,923	5,537	5,070
74	84	41 254	1 115,458	5 805,260	5,204	4,738
75	85	37 291	960,291	4 689,802	4,884	4,417
76	86	33 240	815,218	3 729,511	4,575	4,108
77	87	29 145	680,743	2 914,293	4,281	3,815
78	88	25 115	558,682	2 233,550	3,998	3,531
79	89	21 203	449,203	1 674,868	3,729	3,262
80	90	17 464	352,367	1 225,665	3,478	3,012
81	91	14 009	269,190	873,297	3,244	2,778
82	92	10 888	199,269	604,107	3,032	2,565
83	93	8 185	142,656	404,839	2,838	2,371
84	94	5 924	98,329	262,183	2,666	2,200
85	95	4 099	64,796	163,853	2,529	2,062
86	96	2 747	41,360	99,057	2,395	1,929
87	97	1 766	25,322	57,696	2,279	1,812
88	98	1 107	15,116	32,375	2,142	1,675
89	99	656	8,533	17,259	2,023	1,556
90	100	368	4,557	8,726	1,915	1,449

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 988 790,824	19,968	19,501
1	12	99 240	94 513,986	1 889 190,505	19,988	19,522
2	13	99 205	89 981,681	1 794 676,519	19,945	19,479
3	14	99 181	85 676,128	1 704 694,838	19,897	19,431
4	15	99 158	81 577,246	1 619 018,710	19,846	19,380
5	16	99 134	77 673,886	1 537 441,464	19,794	19,327
6	17	99 110	73 957,721	1 459 767,578	19,738	19,271
7	18	99 086	70 418,308	1 385 809,857	19,680	19,213
8	19	99 057	67 045,753	1 315 391,548	19,619	19,153
9	20	99 030	63 835,572	1 248 345,796	19,556	19,089
10	21	99 004	60 779,637	1 184 510,224	19,489	19,022
11	22	98 980	57 871,335	1 123 730,586	19,418	18,951
12	23	98 954	55 101,098	1 065 859,251	19,344	18,877
13	24	98 924	52 461,738	1 010 758,153	19,267	18,800
14	25	98 898	49 950,311	958 296,415	19,185	18,719
15	26	98 868	47 557,110	908 346,104	19,100	18,634
16	27	98 834	45 276,867	860 788,994	19,012	18,545
17	28	98 787	43 100,303	815 512,128	18,921	18,455
18	29	98 733	41 025,637	772 411,825	18,828	18,361
19	30	98 670	39 046,950	731 386,188	18,731	18,265
20	31	98 599	37 161,006	692 339,237	18,631	18,164
21	32	98 523	35 364,190	655 178,231	18,527	18,060
22	33	98 445	33 653,436	619 814,041	18,418	17,951
23	34	98 366	32 025,030	586 160,605	18,303	17,837
24	35	98 282	30 474,099	554 135,575	18,184	17,717
25	36	98 195	28 997,246	523 661,477	18,059	17,593
26	37	98 102	27 590,196	494 664,231	17,929	17,463
27	38	98 010	26 251,839	467 074,036	17,792	17,326
28	39	97 901	24 973,923	440 822,197	17,651	17,185
29	40	97 792	23 758,276	415 848,273	17,503	17,037
30	41	97 670	22 598,626	392 089,997	17,350	16,884
31	42	97 539	21 493,692	369 491,371	17,191	16,724
32	43	97 391	20 439,118	347 997,679	17,026	16,560
33	44	97 235	19 434,684	327 558,562	16,854	16,388
34	45	97 067	18 477,214	308 123,877	16,676	16,209
35	46	96 881	17 563,624	289 646,663	16,491	16,025
36	47	96 672	16 691,191	272 083,039	16,301	15,835
37	48	96 448	15 859,500	255 391,848	16,103	15,637
38	49	96 204	15 065,996	239 532,348	15,899	15,432
39	50	95 929	14 307,544	224 466,353	15,689	15,222
40	51	95 635	13 584,537	210 158,809	15,470	15,004
41	52	95 304	12 892,855	196 574,271	15,247	14,780
42	53	94 944	12 232,538	183 681,416	15,016	14,549
43	54	94 543	11 600,883	171 448,878	14,779	14,313
44	55	94 104	10 997,170	159 847,995	14,535	14,069
45	56	93 624	10 420,048	148 850,825	14,285	13,819
46	57	93 095	9 867,729	138 430,777	14,029	13,562
47	58	92 520	9 339,868	128 563,048	13,765	13,299
48	59	91 883	8 833,866	119 223,180	13,496	13,030
49	60	91 185	8 349,254	110 389,314	13,221	12,755
50	61	90 408	7 883,915	102 040,060	12,943	12,476
51	62	89 586	7 440,215	94 156,144	12,655	12,189
52	63	88 698	7 015,668	86 715,930	12,360	11,894
53	64	87 724	6 608,221	79 700,262	12,061	11,594
54	65	86 650	6 216,527	73 092,041	11,758	11,291
55	66	85 477	5 840,329	66 875,514	11,451	10,984
56	67	84 209	5 479,730	61 035,185	11,138	10,672
57	68	82 823	5 132,897	55 555,455	10,823	10,357
58	69	81 359	4 802,054	50 422,559	10,500	10,034
59	70	79 771	4 484,120	45 620,505	10,174	9,707
60	71	78 070	4 179,536	41 136,385	9,842	9,376
61	72	76 252	3 887,776	36 956,850	9,506	9,040
62	73	74 327	3 609,193	33 069,073	9,162	8,696
63	74	72 289	3 343,069	29 459,881	8,812	8,346
64	75	70 124	3 088,509	26 116,812	8,456	7,990
65	76	67 804	2 844,157	23 028,303	8,097	7,630
66	77	65 305	2 608,884	20 184,146	7,737	7,270
67	78	62 667	2 384,277	17 575,261	7,371	6,905
68	79	59 813	2 167,309	15 190,984	7,009	6,543
69	80	56 762	1 958,812	13 023,676	6,649	6,182
70	81	53 455	1 756,867	11 064,864	6,298	5,832
71	82	49 955	1 563,646	9 307,996	5,953	5,486
72	83	46 283	1 379,724	7 744,351	5,613	5,147
73	84	42 455	1 205,338	6 364,626	5,280	4,814
74	85	38 480	1 040,476	5 159,289	4,959	4,492
75	86	34 411	886,136	4 118,813	4,648	4,182
76	87	30 285	742,739	3 232,677	4,352	3,886
77	88	26 196	611,859	2 489,938	4,069	3,603
78	89	22 231	494,532	1 878,079	3,798	3,331
79	90	18 427	390,394	1 383,548	3,544	3,078
80	91	14 880	300,239	993,153	3,308	2,841
81	92	11 664	224,145	692,914	3,091	2,625
82	93	8 846	161,894	468,769	2,896	2,429
83	94	6 472	112,813	306,875	2,720	2,254
84	95	4 531	75,205	194,062	2,580	2,114
85	96	3 078	48,660	118,857	2,443	1,976
86	97	2 007	30,214	70,197	2,323	1,857
87	98	1 277	18,306	39,983	2,184	1,718
88	99	770	10,510	21,677	2,063	1,596
89	100	439	5,712	11,167	1,955	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 985 786,646	19,939	19,473
1	13	99 232	94 506,509	1 886 193,745	19,958	19,492
2	14	99 196	89 973,968	1 791 687,237	19,913	19,447
3	15	99 170	85 667,138	1 701 713,269	19,864	19,398
4	16	99 145	81 567,040	1 616 046,131	19,812	19,346
5	17	99 120	77 662,926	1 534 479,091	19,758	19,292
6	18	99 096	73 946,892	1 456 816,165	19,701	19,234
7	19	99 065	70 403,968	1 382 869,272	19,642	19,176
8	20	99 038	67 032,811	1 312 465,304	19,579	19,113
9	21	99 012	63 823,752	1 245 432,493	19,514	19,047
10	22	98 987	60 769,575	1 181 608,741	19,444	18,978
11	23	98 962	57 861,320	1 120 839,166	19,371	18,905
12	24	98 932	55 089,142	1 062 977,846	19,296	18,829
13	25	98 908	52 452,842	1 007 888,704	19,215	18,749
14	26	98 880	49 940,997	955 435,862	19,131	18,665
15	27	98 849	47 547,856	905 494,865	19,044	18,577
16	28	98 812	45 266,977	857 947,008	18,953	18,487
17	29	98 762	43 089,554	812 680,031	18,860	18,394
18	30	98 708	41 015,021	769 590,478	18,764	18,297
19	31	98 640	39 035,356	728 575,457	18,665	18,198
20	32	98 568	37 149,144	689 540,101	18,561	18,095
21	33	98 489	35 351,917	652 390,956	18,454	17,988
22	34	98 410	33 641,454	617 039,039	18,342	17,875
23	35	98 327	32 012,504	583 397,585	18,224	17,758
24	36	98 242	30 461,833	551 385,081	18,101	17,634
25	37	98 149	28 983,650	520 923,248	17,973	17,507
26	38	98 057	27 577,498	491 939,598	17,838	17,372
27	39	97 953	26 236,464	464 362,100	17,699	17,233
28	40	97 843	24 959,046	438 125,635	17,554	17,087
29	41	97 726	23 742,152	413 166,589	17,402	16,936
30	42	97 595	22 581,386	389 424,437	17,245	16,779
31	43	97 458	21 475,856	366 843,051	17,082	16,615
32	44	97 304	20 420,724	345 367,195	16,913	16,446
33	45	97 136	19 414,860	324 946,471	16,737	16,271
34	46	96 959	18 456,668	305 531,611	16,554	16,088
35	47	96 758	17 541,323	287 074,943	16,366	15,899
36	48	96 534	16 667,264	269 533,620	16,171	15,705
37	49	96 294	15 834,132	252 866,356	15,970	15,503
38	50	96 029	15 038,704	237 032,225	15,761	15,295
39	51	95 739	14 279,349	221 993,521	15,546	15,080
40	52	95 424	13 554,532	207 714,172	15,324	14,858
41	53	95 070	12 861,200	194 159,640	15,097	14,630
42	54	94 684	12 199,105	181 298,440	14,862	14,395
43	55	94 259	11 565,969	169 099,336	14,620	14,154
44	56	93 793	10 960,732	157 533,367	14,373	13,906
45	57	93 285	10 382,339	146 572,635	14,117	13,651
46	58	92 723	9 828,334	136 190,296	13,857	13,391
47	59	92 112	9 298,674	126 361,962	13,589	13,123
48	60	91 440	8 791,199	117 063,288	13,316	12,850
49	61	90 693	8 304,243	108 272,089	13,038	12,572
50	62	89 902	7 839,804	99 967,846	12,751	12,285
51	63	89 042	7 395,003	92 128,042	12,458	11,992
52	64	88 114	6 969,474	84 733,039	12,158	11,691
53	65	87 085	6 560,064	77 763,565	11,854	11,388
54	66	85 956	6 166,719	71 203,501	11,546	11,080
55	67	84 730	5 789,311	65 036,782	11,234	10,768
56	68	83 393	5 426,607	59 247,471	10,918	10,452
57	69	81 977	5 080,465	53 820,863	10,594	10,127
58	70	80 450	4 748,404	48 740,398	10,265	9,798
59	71	78 799	4 429,487	43 991,994	9,932	9,465
60	72	77 025	4 123,570	39 562,507	9,594	9,128
61	73	75 153	3 831,756	35 438,936	9,249	8,782
62	74	73 176	3 553,312	31 607,180	8,895	8,429
63	75	71 052	3 285,874	28 053,868	8,538	8,071
64	76	68 786	3 029,619	24 767,994	8,175	7,709
65	77	66 325	2 782,081	21 738,375	7,814	7,347
66	78	63 708	2 545,092	18 956,294	7,448	6,982
67	79	60 906	2 317,278	16 411,202	7,082	6,616
68	80	57 843	2 095,954	14 093,924	6,724	6,258
69	81	54 581	1 883,578	11 997,970	6,370	5,903
70	82	51 100	1 679,455	10 114,392	6,022	5,556
71	83	47 440	1 484,929	8 434,937	5,680	5,214
72	84	43 595	1 299,587	6 950,008	5,348	4,881
73	85	39 601	1 124,314	5 650,420	5,026	4,559
74	86	35 509	960,129	4 526,107	4,714	4,248
75	87	31 352	807,352	3 565,977	4,417	3,950
76	88	27 220	667,581	2 758,626	4,132	3,666
77	89	23 188	541,602	2 091,045	3,861	3,394
78	90	19 321	429,789	1 549,443	3,605	3,139
79	91	15 701	332,641	1 119,654	3,366	2,900
80	92	12 390	249,999	787,014	3,148	2,682
81	93	9 477	182,105	537,015	2,949	2,483
82	94	6 996	128,026	354,910	2,772	2,306
83	95	4 950	86,282	226,884	2,630	2,163
84	96	3 402	56,477	140,602	2,490	2,023
85	97	2 248	35,547	84,126	2,367	1,900
86	98	1 451	21,843	48,579	2,224	1,758
87	99	888	12,728	26,735	2,101	1,634
88	100	515	7,036	14,008	1,991	1,524

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 982 585,065	19,908	19,442
1	14	99 223	94 498,408	1 883 000,043	19,926	19,460
2	15	99 186	89 964,526	1 788 501,636	19,880	19,414
3	16	99 158	85 656,420	1 698 537,109	19,830	19,363
4	17	99 131	81 555,531	1 612 880,689	19,776	19,310
5	18	99 105	77 651,555	1 531 325,158	19,720	19,254
6	19	99 076	73 931,834	1 453 673,603	19,662	19,196
7	20	99 046	70 390,379	1 379 741,769	19,601	19,135
8	21	99 020	67 020,399	1 309 351,391	19,537	19,070
9	22	98 995	63 813,185	1 242 330,992	19,468	19,002
10	23	98 970	60 759,059	1 178 517,807	19,397	18,930
11	24	98 941	57 848,765	1 117 758,748	19,322	18,856
12	25	98 915	55 079,801	1 059 909,983	19,243	18,777
13	26	98 889	52 443,062	1 004 830,182	19,160	18,694
14	27	98 861	49 931,280	952 387,120	19,074	18,608
15	28	98 827	47 537,471	902 455,840	18,984	18,518
16	29	98 787	45 255,688	854 918,369	18,891	18,424
17	30	98 736	43 078,403	809 662,682	18,795	18,329
18	31	98 678	41 002,842	766 584,279	18,696	18,229
19	32	98 609	39 022,896	725 581,437	18,594	18,127
20	33	98 534	37 136,252	686 558,541	18,488	18,021
21	34	98 454	35 339,330	649 422,289	18,377	17,910
22	35	98 372	33 628,296	614 082,958	18,261	17,794
23	36	98 288	31 999,620	580 454,662	18,139	17,673
24	37	98 196	30 447,551	548 455,043	18,013	17,547
25	38	98 104	28 970,311	518 007,491	17,881	17,414
26	39	97 999	27 561,347	489 037,180	17,744	17,277
27	40	97 894	26 220,835	461 475,833	17,600	17,133
28	41	97 776	24 942,107	435 254,998	17,451	16,984
29	42	97 651	23 724,040	410 312,891	17,295	16,829
30	43	97 514	22 562,648	386 588,852	17,134	16,668
31	44	97 371	21 456,530	364 026,204	16,966	16,499
32	45	97 204	20 399,894	342 569,674	16,793	16,326
33	46	97 028	19 393,272	322 169,780	16,612	16,146
34	47	96 836	18 433,233	302 776,509	16,426	15,959
35	48	96 619	17 516,177	284 343,276	16,233	15,767
36	49	96 379	16 640,603	266 827,099	16,035	15,568
37	50	96 119	15 805,449	250 186,496	15,829	15,363
38	51	95 840	15 009,068	234 381,047	15,616	15,150
39	52	95 528	14 247,809	219 371,979	15,397	14,930
40	53	95 189	13 521,252	205 124,170	15,171	14,704
41	54	94 810	12 826,048	191 602,919	14,939	14,472
42	55	94 399	12 162,390	178 776,871	14,699	14,233
43	56	93 946	11 527,646	166 614,481	14,453	13,987
44	57	93 453	10 921,066	155 086,835	14,201	13,734
45	58	92 913	10 340,890	144 165,769	13,941	13,475
46	59	92 314	9 784,986	133 824,878	13,677	13,210
47	60	91 667	9 253,761	124 039,893	13,404	12,938
48	61	90 947	8 743,805	114 786,132	13,128	12,661
49	62	90 186	8 257,780	106 042,326	12,842	12,375
50	63	89 356	7 792,164	97 784,546	12,549	12,083
51	64	88 455	7 346,311	89 992,382	12,250	11,784
52	65	87 472	6 918,685	82 646,071	11,945	11,479
53	66	86 387	6 507,504	75 727,386	11,637	11,171
54	67	85 205	6 112,851	69 219,882	11,324	10,857
55	68	83 909	5 733,187	63 107,032	11,007	10,541
56	69	82 541	5 371,176	57 373,844	10,682	10,215
57	70	81 061	5 023,705	52 002,669	10,351	9,885
58	71	79 470	4 690,552	46 978,964	10,016	9,549
59	72	77 744	4 370,175	42 288,412	9,677	9,210
60	73	75 915	4 064,152	37 918,237	9,330	8,864
61	74	73 989	3 772,430	33 854,084	8,974	8,508
62	75	71 924	3 492,521	30 081,654	8,613	8,147
63	76	69 697	3 223,221	26 589,134	8,249	7,783
64	77	67 285	2 963,494	23 365,913	7,885	7,418
65	78	64 703	2 714,053	20 402,419	7,517	7,051
66	79	61 918	2 473,574	17 688,366	7,151	6,685
67	80	58 901	2 240,986	15 214,791	6,789	6,323
68	81	55 622	2 015,452	12 973,805	6,437	5,971
69	82	52 176	1 800,583	10 958,353	6,086	5,620
70	83	48 527	1 594,909	9 157,770	5,742	5,275
71	84	44 685	1 398,682	7 562,861	5,407	4,941
72	85	40 664	1 212,228	6 164,179	5,085	4,619
73	86	36 543	1 037,493	4 951,952	4,773	4,307
74	87	32 352	874,766	3 914,459	4,475	4,008
75	88	28 179	725,656	3 039,693	4,189	3,722
76	89	24 095	590,926	2 314,037	3,916	3,450
77	90	20 152	470,697	1 723,111	3,661	3,194
78	91	16 462	366,207	1 252,414	3,420	2,954
79	92	13 074	276,978	886,208	3,200	2,733
80	93	10 066	203,109	609,229	3,000	2,533
81	94	7 494	144,009	406,120	2,820	2,354
82	95	5 350	97,918	262,111	2,677	2,210
83	96	3 718	64,795	164,194	2,534	2,068
84	97	2 485	41,257	99,398	2,409	1,943
85	98	1 626	25,698	58,142	2,262	1,796
86	99	1 009	15,187	32,443	2,136	1,670
87	100	594	8,521	17,256	2,025	1,559

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 979 177,220	19,876	19,410
1	15	99 213	94 488,491	1 879 600,735	19,892	19,426
2	16	99 173	89 953,271	1 785 112,244	19,845	19,378
3	17	99 144	85 644,334	1 695 158,972	19,793	19,327
4	18	99 117	81 543,590	1 609 514,638	19,738	19,272
5	19	99 085	77 635,742	1 527 971,048	19,681	19,215
6	20	99 057	73 917,563	1 450 335,307	19,621	19,155
7	21	99 028	70 377,345	1 376 417,743	19,558	19,091
8	22	99 003	67 009,303	1 306 040,399	19,490	19,024
9	23	98 978	63 802,143	1 239 031,096	19,420	18,953
10	24	98 949	60 745,875	1 175 228,953	19,347	18,880
11	25	98 924	57 838,956	1 114 483,078	19,269	18,802
12	26	98 897	55 069,530	1 056 644,122	19,187	18,721
13	27	98 870	52 432,858	1 001 574,592	19,102	18,636
14	28	98 839	49 920,373	949 141,734	19,013	18,547
15	29	98 802	47 525,615	899 221,360	18,921	18,454
16	30	98 762	45 243,976	851 695,745	18,825	18,358
17	31	98 707	43 065,611	806 451,769	18,726	18,260
18	32	98 647	40 989,754	763 386,158	18,624	18,157
19	33	98 575	39 009,353	722 396,403	18,519	18,052
20	34	98 498	37 123,030	683 387,050	18,409	17,942
21	35	98 416	35 325,509	646 264,020	18,295	17,828
22	36	98 332	33 614,761	610 938,512	18,175	17,708
23	37	98 242	31 984,617	577 323,750	18,050	17,584
24	38	98 151	30 433,539	545 339,134	17,919	17,453
25	39	98 046	28 953,345	514 905,595	17,784	17,318
26	40	97 941	27 544,928	485 952,251	17,642	17,176
27	41	97 828	26 203,039	458 407,322	17,494	17,028
28	42	97 702	24 923,079	432 204,283	17,342	16,875
29	43	97 570	23 704,353	407 281,204	17,182	16,715
30	44	97 427	22 542,343	383 576,850	17,016	16,549
31	45	97 271	21 434,643	361 034,507	16,844	16,377
32	46	97 096	20 377,210	339 599,864	16,666	16,199
33	47	96 905	19 368,648	319 222,654	16,481	16,015
34	48	96 697	18 406,808	299 854,007	16,290	15,824
35	49	96 465	17 488,158	281 447,199	16,094	15,627
36	50	96 205	16 610,459	263 959,040	15,891	15,425
37	51	95 930	15 774,302	247 348,581	15,680	15,214
38	52	95 628	14 975,916	231 574,279	15,463	14,997
39	53	95 293	14 212,826	216 598,363	15,240	14,773
40	54	94 929	13 484,296	202 385,537	15,009	14,543
41	55	94 525	12 787,446	188 901,241	14,772	14,306
42	56	94 087	12 122,091	176 113,794	14,528	14,062
43	57	93 606	11 485,929	163 991,704	14,278	13,811
44	58	93 080	10 877,466	152 505,774	14,020	13,554
45	59	92 503	10 295,281	141 628,308	13,757	13,290
46	60	91 868	9 737,724	131 333,027	13,487	13,021
47	61	91 173	9 203,874	121 595,303	13,211	12,745
48	62	90 438	8 694,883	112 391,429	12,926	12,460
49	63	89 638	8 207,601	103 696,547	12,634	12,168
50	64	88 768	7 740,857	95 488,946	12,336	11,869
51	65	87 811	7 292,776	87 748,089	12,032	11,566
52	66	86 771	6 863,251	80 455,312	11,723	11,256
53	67	85 632	6 450,658	73 592,061	11,408	10,942
54	68	84 379	6 053,590	67 141,403	11,091	10,625
55	69	83 052	5 674,624	61 087,813	10,765	10,299
56	70	81 619	5 311,168	55 413,189	10,433	9,967
57	71	80 074	4 962,499	50 102,021	10,096	9,630
58	72	78 406	4 627,744	45 139,523	9,754	9,288
59	73	76 624	4 307,203	40 511,779	9,406	8,939
60	74	74 740	4 001,228	36 204,575	9,048	8,582
61	75	72 723	3 707,890	32 203,347	8,685	8,219
62	76	70 553	3 425,927	28 495,457	8,318	7,851
63	77	68 176	3 152,870	25 069,530	7,951	7,485
64	78	65 640	2 891,031	21 916,660	7,581	7,115
65	79	62 885	2 637,788	19 025,629	7,213	6,746
66	80	59 880	2 392,136	16 387,841	6,851	6,384
67	81	56 639	2 154,914	13 995,705	6,495	6,028
68	82	53 171	1 926,646	11 840,791	6,146	5,679
69	83	49 550	1 709,939	9 914,144	5,798	5,332
70	84	45 709	1 502,273	8 204,206	5,461	4,995
71	85	41 681	1 304,661	6 701,932	5,137	4,671
72	86	37 524	1 118,618	5 397,271	4,825	4,359
73	87	33 294	945,252	4 278,653	4,526	4,060
74	88	29 078	786,249	3 333,401	4,240	3,773
75	89	24 943	642,332	2 547,153	3,965	3,499
76	90	20 940	513,563	1 904,821	3,709	3,243
77	91	17 171	401,063	1 391,258	3,469	3,003
78	92	13 708	304,928	990,195	3,247	2,781
79	93	10 622	225,029	685,267	3,045	2,579
80	94	7 961	160,619	460,238	2,865	2,399
81	95	5 732	110,142	299,619	2,720	2,254
82	96	4 018	73,533	189,477	2,577	2,110
83	97	2 716	47,334	115,944	2,450	1,983
84	98	1 797	29,826	68,610	2,300	1,834
85	99	1 130	17,867	38,784	2,171	1,704
86	100	675	10,167	20,917	2,057	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 975 554,109	19,842	19,375
1	16	99 201	94 476,671	1 875 988,073	19,857	19,390
2	17	99 159	89 940,579	1 781 511,403	19,808	19,341
3	18	99 130	85 631,794	1 691 570,824	19,754	19,288
4	19	99 097	81 526,984	1 605 939,029	19,698	19,232
5	20	99 066	77 620,756	1 524 412,045	19,639	19,173
6	21	99 038	73 903,876	1 446 791,289	19,577	19,110
7	22	99 012	70 365,693	1 372 887,413	19,511	19,044
8	23	98 986	66 997,708	1 302 521,720	19,441	18,975
9	24	98 957	63 788,298	1 235 524,013	19,369	18,903
10	25	98 932	60 735,575	1 171 735,714	19,292	18,826
11	26	98 906	57 828,171	1 111 000,140	19,212	18,746
12	27	98 878	55 058,815	1 053 171,969	19,128	18,662
13	28	98 848	52 421,405	998 113,153	19,040	18,574
14	29	98 814	49 907,924	945 691,748	18,949	18,482
15	30	98 777	47 513,316	895 783,825	18,853	18,387
16	31	98 733	45 230,542	848 270,508	18,754	18,288
17	32	98 676	43 051,865	803 039,966	18,653	18,186
18	33	98 612	40 975,529	759 988,101	18,547	18,081
19	34	98 540	38 995,464	719 012,572	18,438	17,972
20	35	98 460	37 108,510	680 017,108	18,325	17,859
21	36	98 376	35 311,291	642 908,598	18,207	17,740
22	37	98 286	33 599,001	607 597,307	18,084	17,617
23	38	98 196	31 969,897	573 998,306	17,954	17,488
24	39	98 094	30 415,715	542 028,410	17,821	17,354
25	40	97 988	28 936,097	511 612,695	17,681	17,214
26	41	97 874	27 526,234	482 676,598	17,535	17,069
27	42	97 753	26 183,050	455 150,364	17,383	16,917
28	43	97 621	24 902,398	428 967,314	17,226	16,760
29	44	97 483	23 683,021	404 064,916	17,061	16,595
30	45	97 327	22 519,349	380 381,895	16,891	16,425
31	46	97 163	21 410,809	357 862,546	16,714	16,248
32	47	96 973	20 351,337	336 451,738	16,532	16,066
33	48	96 766	19 340,882	316 100,401	16,344	15,877
34	49	96 543	18 377,365	296 759,519	16,148	15,682
35	50	96 290	17 456,479	278 382,154	15,947	15,481
36	51	96 015	16 577,726	260 925,675	15,740	15,273
37	52	95 718	15 739,460	244 347,949	15,525	15,058
38	53	95 394	14 939,146	228 608,490	15,303	14,836
39	54	95 033	14 173,980	213 669,344	15,075	14,608
40	55	94 644	13 443,713	199 495,363	14,839	14,373
41	56	94 211	12 745,077	186 051,650	14,598	14,132
42	57	93 746	12 078,222	173 306,573	14,349	13,882
43	58	93 233	11 440,074	161 228,351	14,093	13,627
44	59	92 670	10 829,490	149 788,277	13,832	13,365
45	60	92 056	10 245,555	138 958,786	13,563	13,096
46	61	91 373	9 685,228	128 713,231	13,290	12,823
47	62	90 663	9 152,377	119 028,004	13,005	12,539
48	63	89 888	8 642,047	109 875,627	12,714	12,248
49	64	89 048	8 153,558	101 233,579	12,416	11,949
50	65	88 121	7 684,447	93 080,021	12,113	11,646
51	66	87 107	7 234,345	85 395,574	11,804	11,338
52	67	86 013	6 803,298	78 161,229	11,489	11,022
53	68	84 802	6 388,123	71 357,931	11,170	10,704
54	69	83 517	5 991,754	64 969,808	10,843	10,377
55	70	82 124	5 611,226	58 978,054	10,511	10,044
56	71	80 625	5 246,459	53 366,828	10,172	9,706
57	72	79 002	4 896,049	48 120,369	9,828	9,362
58	73	77 276	4 561,061	43 224,320	9,477	9,010
59	74	75 438	4 240,516	38 663,259	9,118	8,651
60	75	73 461	3 932,773	34 422,743	8,753	8,286
61	76	71 337	3 637,190	30 489,969	8,383	7,916
62	77	69 013	3 351,152	26 852,780	8,013	7,547
63	78	66 509	3 075,777	23 501,628	7,641	7,174
64	79	63 795	2 809,792	20 425,851	7,270	6,803
65	80	60 814	2 550,943	17 616,058	6,906	6,439
66	81	57 580	2 300,259	15 065,115	6,549	6,083
67	82	54 143	2 059,963	12 764,856	6,197	5,730
68	83	50 494	1 829,656	10 704,893	5,851	5,384
69	84	46 672	1 610,622	8 875,237	5,510	5,044
70	85	42 636	1 401,289	7 264,615	5,184	4,718
71	86	38 462	1 203,914	5 863,326	4,870	4,404
72	87	34 188	1 019,164	4 659,412	4,572	4,105
73	88	29 925	849,602	3 640,248	4,285	3,818
74	89	25 739	695,968	2 790,646	4,010	3,543
75	90	21 678	558,239	2 094,679	3,752	3,286
76	91	17 842	437,588	1 536,439	3,511	3,045
77	92	14 297	333,951	1 098,851	3,290	2,824
78	93	11 137	247,736	764,900	3,088	2,621
79	94	8 400	177,953	517,164	2,906	2,440
80	95	6 088	122,846	339,211	2,761	2,295
81	96	4 304	82,713	216,365	2,616	2,149
82	97	2 935	53,717	133,652	2,488	2,022
83	98	1 963	34,220	79,935	2,336	1,870
84	99	1 249	20,737	45,716	2,205	1,738
85	100	757	11,962	24,978	2,088	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 971 707,671	19,805	19,339
1	17	99 187	94 463,340	1 872 154,091	19,819	19,352
2	18	99 145	89 927,410	1 777 690,751	19,768	19,302
3	19	99 109	85 614,356	1 687 763,341	19,714	19,247
4	20	99 077	81 511,248	1 602 148,985	19,656	19,189
5	21	99 048	77 606,383	1 520 637,738	19,594	19,128
6	22	99 022	73 891,641	1 443 031,355	19,529	19,063
7	23	98 994	70 353,517	1 369 139,714	19,461	18,994
8	24	98 965	66 983,170	1 298 786,198	19,390	18,923
9	25	98 940	63 777,482	1 231 803,028	19,314	18,848
10	26	98 913	60 724,250	1 168 025,546	19,235	18,769
11	27	98 887	57 816,919	1 107 301,296	19,152	18,685
12	28	98 856	55 046,789	1 049 484,377	19,065	18,599
13	29	98 824	52 408,332	994 437,588	18,975	18,508
14	30	98 789	49 895,008	942 029,256	18,880	18,414
15	31	98 747	47 499,208	892 134,248	18,782	18,316
16	32	98 701	45 216,104	844 635,040	18,680	18,214
17	33	98 641	43 036,924	799 418,935	18,575	18,109
18	34	98 577	40 960,940	756 382,011	18,466	18,000
19	35	98 501	38 980,212	715 421,071	18,353	17,887
20	36	98 420	37 093,575	676 440,859	18,236	17,770
21	37	98 330	35 294,735	639 347,284	18,115	17,648
22	38	98 241	33 583,538	604 052,549	17,987	17,520
23	39	98 139	31 951,173	570 469,011	17,854	17,388
24	40	98 035	30 397,596	538 517,838	17,716	17,249
25	41	97 921	28 916,458	508 120,242	17,572	17,106
26	42	97 800	27 505,235	479 203,784	17,422	16,956
27	43	97 672	26 161,323	451 698,549	17,266	16,799
28	44	97 533	24 879,987	425 537,226	17,104	16,637
29	45	97 383	23 658,863	400 657,238	16,935	16,468
30	46	97 219	22 494,308	376 998,375	16,760	16,293
31	47	97 040	21 383,623	354 504,067	16,578	16,112
32	48	96 834	20 322,162	333 120,444	16,392	15,926
33	49	96 611	19 309,944	312 798,282	16,199	15,732
34	50	96 368	18 344,075	293 488,337	15,999	15,533
35	51	96 100	17 422,078	275 144,262	15,793	15,326
36	52	95 803	16 541,109	257 722,184	15,581	15,114
37	53	95 483	15 700,815	241 181,074	15,361	14,895
38	54	95 133	14 898,315	225 480,260	15,135	14,668
39	55	94 747	14 131,322	210 581,945	14,902	14,435
40	56	94 330	13 399,169	196 450,623	14,661	14,195
41	57	93 871	12 698,954	183 051,454	14,415	13,948
42	58	93 372	12 030,003	170 352,500	14,161	13,694
43	59	92 822	11 389,617	158 322,497	13,901	13,434
44	60	92 222	10 777,184	146 932,880	13,634	13,167
45	61	91 560	10 190,321	136 155,696	13,361	12,895
46	62	90 862	9 631,038	125 965,375	13,079	12,613
47	63	90 112	9 096,762	116 334,338	12,789	12,322
48	64	89 296	8 585,144	107 237,576	12,491	12,025
49	65	88 399	8 094,141	98 652,432	12,188	11,722
50	66	87 415	7 622,878	90 558,291	11,880	11,413
51	67	86 346	7 171,150	82 935,413	11,565	11,099
52	68	85 179	6 737,344	75 764,263	11,245	10,779
53	69	83 936	6 322,869	69 026,919	10,917	10,451
54	70	82 584	5 924,813	62 704,050	10,583	10,117
55	71	81 123	5 542,861	56 779,237	10,244	9,777
56	72	79 545	5 176,207	51 236,375	9,898	9,432
57	73	77 863	4 825,500	46 060,168	9,545	9,079
58	74	76 080	4 490,443	41 234,668	9,183	8,716
59	75	74 147	4 167,968	36 744,225	8,816	8,349
60	76	72 060	3 857,785	32 576,257	8,444	7,978
61	77	69 780	3 557,804	28 718,472	8,072	7,606
62	78	67 325	3 269,210	25 160,668	7,696	7,230
63	79	64 640	2 989,347	21 891,457	7,323	6,857
64	80	61 695	2 717,285	18 902,111	6,956	6,490
65	81	58 478	2 452,967	16 184,826	6,598	6,132
66	82	55 043	2 198,904	13 731,859	6,245	5,778
67	83	51 417	1 956,261	11 532,956	5,895	5,429
68	84	47 561	1 723,386	9 576,694	5,557	5,091
69	85	43 535	1 502,355	7 853,308	5,227	4,761
70	86	39 344	1 293,080	6 350,954	4,911	4,445
71	87	35 043	1 096,876	5 057,874	4,611	4,145
72	88	30 729	916,035	3 960,997	4,324	3,858
73	89	26 489	752,046	3 044,962	4,049	3,583
74	90	22 370	604,853	2 292,916	3,791	3,324
75	91	18 471	475,655	1 688,064	3,549	3,083
76	92	14 857	364,364	1 212,408	3,327	2,861
77	93	11 616	271,316	848,044	3,126	2,659
78	94	8 807	195,910	576,728	2,944	2,477
79	95	6 424	136,103	380,818	2,798	2,332
80	96	4 572	92,253	244,715	2,653	2,186
81	97	3 144	60,423	152,462	2,523	2,057
82	98	2 122	38,834	92,039	2,370	1,904
83	99	1 365	23,792	53,205	2,236	1,770
84	100	836	13,883	29,413	2,119	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 967 629,602	19,767	19,301
1	18	99 172	94 449,509	1 868 090,069	19,779	19,312
2	19	99 125	89 909,097	1 773 640,560	19,727	19,261
3	20	99 090	85 597,830	1 683 731,463	19,670	19,204
4	21	99 059	81 496,154	1 598 133,633	19,610	19,144
5	22	99 031	77 593,535	1 516 637,478	19,546	19,080
6	23	99 005	73 878,854	1 439 043,944	19,478	19,012
7	24	98 973	70 338,251	1 365 165,090	19,409	18,942
8	25	98 948	66 971,812	1 294 826,839	19,334	18,868
9	26	98 921	63 765,590	1 227 855,027	19,256	18,789
10	27	98 894	60 712,434	1 164 089,437	19,174	18,707
11	28	98 865	57 804,290	1 103 377,003	19,088	18,622
12	29	98 831	55 033,061	1 045 572,712	18,999	18,533
13	30	98 798	52 394,769	990 539,652	18,905	18,439
14	31	98 759	49 880,193	938 144,883	18,808	18,342
15	32	98 716	47 484,047	888 264,690	18,707	18,240
16	33	98 667	45 200,412	840 780,643	18,601	18,135
17	34	98 606	43 021,601	795 580,231	18,493	18,026
18	35	98 539	40 944,919	752 558,630	18,380	17,913
19	36	98 461	38 964,524	711 613,711	18,263	17,797
20	37	98 374	37 076,184	672 649,187	18,142	17,676
21	38	98 285	35 278,492	635 573,004	18,016	17,549
22	39	98 183	33 563,869	600 294,512	17,885	17,419
23	40	98 080	31 932,140	566 730,642	17,748	17,282
24	41	97 969	30 376,965	534 798,503	17,605	17,139
25	42	97 847	28 894,399	504 421,537	17,457	16,991
26	43	97 718	27 482,411	475 527,138	17,303	16,837
27	44	97 584	26 137,780	448 044,728	17,142	16,675
28	45	97 433	24 854,609	421 906,948	16,975	16,509
29	46	97 275	23 632,556	397 052,339	16,801	16,335
30	47	97 096	22 465,747	373 419,783	16,622	16,155
31	48	96 901	21 352,968	350 954,037	16,436	15,969
32	49	96 679	20 289,655	329 601,068	16,245	15,778
33	50	96 436	19 274,966	309 311,413	16,047	15,581
34	51	96 178	18 307,925	290 036,448	15,842	15,376
35	52	95 888	17 383,597	271 728,522	15,631	15,165
36	53	95 568	16 500,496	254 344,926	15,414	14,948
37	54	95 222	15 657,902	237 844,430	15,190	14,724
38	55	94 847	14 853,477	222 186,528	14,959	14,492
39	56	94 433	14 084,499	207 333,051	14,721	14,254
40	57	93 989	13 350,679	193 248,552	14,475	14,008
41	58	93 496	12 648,256	179 897,873	14,223	13,757
42	59	92 960	11 976,944	167 249,617	13,964	13,498
43	60	92 373	11 334,605	155 272,673	13,699	13,233
44	61	91 725	10 719,084	143 938,068	13,428	12,962
45	62	91 048	10 133,305	133 218,984	13,147	12,680
46	63	90 310	9 572,514	123 085,679	12,858	12,392
47	64	89 519	9 036,865	113 513,166	12,561	12,095
48	65	88 646	8 522,581	104 476,301	12,259	11,792
49	66	87 691	8 029,289	95 953,720	11,950	11,484
50	67	86 651	7 556,289	87 924,430	11,636	11,170
51	68	85 509	7 101,630	80 368,142	11,317	10,850
52	69	84 309	6 668,523	73 266,511	10,987	10,521
53	70	82 998	6 252,229	66 597,988	10,652	10,185
54	71	81 578	5 852,628	60 345,759	10,311	9,844
55	72	80 037	5 468,640	54 493,131	9,965	9,498
56	73	78 399	5 101,622	49 024,491	9,610	9,143
57	74	76 658	4 750,788	43 922,869	9,245	8,779
58	75	74 778	4 413,619	39 172,081	8,875	8,409
59	76	72 733	4 088,495	34 758,462	8,502	8,035
60	77	70 487	3 773,585	30 669,967	8,128	7,661
61	78	68 073	3 470,809	26 896,382	7,749	7,283
62	79	65 434	3 177,345	23 425,573	7,373	6,906
63	80	62 512	2 890,928	20 248,228	7,004	6,538
64	81	59 325	2 612,919	17 357,301	6,643	6,176
65	82	55 902	2 344,883	14 744,382	6,288	5,821
66	83	52 272	2 088,208	12 399,499	5,938	5,471
67	84	48 431	1 842,638	10 311,291	5,596	5,130
68	85	44 364	1 607,538	8 468,654	5,268	4,802
69	86	40 173	1 386,341	6 861,115	4,949	4,483
70	87	35 846	1 178,115	5 474,774	4,647	4,181
71	88	31 497	985,883	4 296,659	4,358	3,892
72	89	27 200	810,851	3 310,776	4,083	3,617
73	90	23 021	653,590	2 499,925	3,825	3,359
74	91	19 060	515,373	1 846,335	3,583	3,116
75	92	15 380	396,061	1 330,962	3,360	2,894
76	93	12 070	296,025	934,901	3,158	2,692
77	94	9 186	214,557	638,876	2,978	2,511
78	95	6 736	149,837	424,319	2,832	2,365
79	96	4 824	102,209	274,482	2,685	2,219
80	97	3 340	67,392	172,273	2,556	2,090
81	98	2 273	43,682	104,880	2,401	1,935
82	99	1 475	27,000	61,198	2,267	1,800
83	100	914	15,928	34,198	2,147	1,681

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 963 310,790	19,727	19,260
1	19	99 152	94 430,275	1 863 785,831	19,737	19,271
2	20	99 106	89 891,742	1 769 355,556	19,683	19,217
3	21	99 072	85 581,980	1 679 463,814	19,624	19,158
4	22	99 043	81 482,662	1 593 881,834	19,561	19,095
5	23	99 014	77 580,107	1 512 399,172	19,495	19,028
6	24	98 983	73 862,823	1 434 819,064	19,425	18,959
7	25	98 956	70 326,324	1 360 956,241	19,352	18,886
8	26	98 929	66 959,324	1 290 629,917	19,275	18,808
9	27	98 902	63 753,183	1 223 670,593	19,194	18,727
10	28	98 873	60 699,173	1 159 917,410	19,109	18,643
11	29	98 840	57 789,874	1 099 218,237	19,021	18,555
12	30	98 806	55 018,819	1 041 428,363	18,929	18,462
13	31	98 769	52 379,212	986 409,544	18,832	18,366
14	32	98 728	49 864,271	934 030,332	18,731	18,265
15	33	98 682	47 467,567	884 166,061	18,627	18,160
16	34	98 632	45 184,319	836 698,493	18,517	18,051
17	35	98 568	43 004,775	791 514,175	18,405	17,939
18	36	98 499	40 928,440	748 509,400	18,288	17,822
19	37	98 415	38 946,255	707 580,961	18,168	17,702
20	38	98 329	37 059,120	668 634,705	18,042	17,576
21	39	98 227	35 257,830	631 575,585	17,913	17,447
22	40	98 125	33 543,875	596 317,755	17,777	17,311
23	41	98 014	31 910,467	562 773,879	17,636	17,170
24	42	97 894	30 353,792	530 863,412	17,489	17,023
25	43	97 765	28 870,422	500 509,620	17,336	16,870
26	44	97 631	27 457,679	471 639,198	17,177	16,711
27	45	97 485	26 111,118	444 181,519	17,011	16,545
28	46	97 325	24 826,972	418 070,401	16,839	16,373
29	47	97 151	23 602,549	393 243,430	16,661	16,195
30	48	96 956	22 433,541	369 640,881	16,477	16,011
31	49	96 746	21 318,813	347 207,340	16,286	15,820
32	50	96 504	20 252,902	325 888,527	16,091	15,625
33	51	96 246	19 236,981	305 635,626	15,888	15,422
34	52	95 965	18 267,487	286 398,645	15,678	15,212
35	53	95 653	17 340,915	268 131,158	15,462	14,996
36	54	95 307	16 455,398	250 790,243	15,241	14,774
37	55	94 935	15 610,777	234 334,845	15,011	14,545
38	56	94 532	14 804,261	218 724,068	14,774	14,308
39	57	94 091	14 033,529	203 919,807	14,531	14,064
40	58	93 613	13 297,379	189 886,277	14,280	13,814
41	59	93 083	12 592,470	176 588,898	14,023	13,557
42	60	92 511	11 919,095	163 996,428	13,759	13,293
43	61	91 875	11 273,500	152 077,333	13,490	13,023
44	62	91 212	10 659,109	140 803,833	13,210	12,743
45	63	90 495	10 071,729	130 144,723	12,922	12,455
46	64	89 715	9 509,484	120 072,995	12,627	12,160
47	65	88 867	8 971,010	110 563,511	12,325	11,858
48	66	87 935	8 454,297	101 592,501	12,017	11,550
49	67	86 925	7 959,150	93 138,204	11,702	11,236
50	68	85 811	7 483,035	85 179,054	11,383	10,917
51	69	84 636	7 029,089	77 696,019	11,053	10,587
52	70	83 367	6 594,021	70 666,930	10,717	10,250
53	71	81 987	6 176,055	64 072,909	10,374	9,908
54	72	80 486	5 774,259	57 896,854	10,027	9,560
55	73	78 884	5 389,841	52 122,595	9,671	9,204
56	74	77 185	5 022,634	46 732,754	9,304	8,838
57	75	75 346	4 669,510	41 710,120	8,932	8,466
58	76	73 352	4 329,462	37 040,610	8,555	8,089
59	77	71 146	3 999,259	32 711,147	8,179	7,713
60	78	68 764	3 681,314	28 711,889	7,799	7,333
61	79	66 161	3 373,278	25 030,575	7,420	6,954
62	80	63 279	3 072,736	21 657,297	7,048	6,582
63	81	60 111	2 779,893	18 584,560	6,685	6,219
64	82	56 711	2 497,787	15 804,667	6,327	5,861
65	83	53 088	2 226,838	13 306,880	5,976	5,509
66	84	49 236	1 966,920	11 080,043	5,633	5,167
67	85	45 175	1 718,774	9 113,122	5,302	4,836
68	86	40 938	1 483,402	7 394,348	4,985	4,518
69	87	36 601	1 263,085	5 910,946	4,680	4,213
70	88	32 219	1 058,902	4 647,861	4,389	3,923
71	89	27 880	872,679	3 588,960	4,113	3,646
72	90	23 639	704,696	2 716,280	3,855	3,388
73	91	19 615	556,900	2 011,584	3,612	3,146
74	92	15 871	429,133	1 454,685	3,390	2,923
75	93	12 495	321,777	1 025,552	3,187	2,721
76	94	9 545	234,097	703,775	3,006	2,540
77	95	7 026	164,099	469,678	2,862	2,396
78	96	5 058	112,523	305,579	2,716	2,249
79	97	3 524	74,665	193,056	2,586	2,119
80	98	2 415	48,721	118,391	2,430	1,964
81	99	1 580	30,371	69,670	2,294	1,828
82	100	988	18,076	39,299	2,174	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 958 740,571	19,685	19,219
1	20	99 133	94 412,048	1 859 235,880	19,693	19,226
2	21	99 087	89 875,097	1 764 823,833	19,636	19,170
3	22	99 055	85 567,812	1 674 948,736	19,575	19,108
4	23	99 026	81 468,562	1 589 380,924	19,509	19,043
5	24	98 993	77 563,274	1 507 912,362	19,441	18,975
6	25	98 966	73 850,298	1 430 349,088	19,368	18,902
7	26	98 938	70 313,211	1 356 498,790	19,292	18,826
8	27	98 910	66 946,296	1 286 185,580	19,212	18,746
9	28	98 881	63 739,257	1 219 239,284	19,129	18,662
10	29	98 848	60 684,035	1 155 500,027	19,041	18,575
11	30	98 815	57 774,919	1 094 815,991	18,950	18,483
12	31	98 777	55 002,482	1 037 041,072	18,854	18,388
13	32	98 737	52 362,492	982 038,590	18,755	18,288
14	33	98 694	49 846,966	929 676,097	18,651	18,184
15	34	98 647	47 450,667	879 829,131	18,542	18,076
16	35	98 593	45 166,647	832 378,465	18,429	17,963
17	36	98 528	42 987,466	787 211,818	18,313	17,846
18	37	98 453	40 909,250	744 224,352	18,192	17,726
19	38	98 370	38 928,331	703 315,102	18,067	17,601
20	39	98 271	37 037,416	664 386,771	17,938	17,472
21	40	98 168	35 236,827	627 349,355	17,804	17,337
22	41	98 058	33 521,109	592 112,527	17,664	17,197
23	42	97 939	31 886,124	558 591,418	17,518	17,052
24	43	97 813	30 328,604	526 705,294	17,367	16,900
25	44	97 678	28 844,441	496 376,690	17,209	16,742
26	45	97 531	27 429,671	467 532,249	17,045	16,578
27	46	97 376	26 082,084	440 102,579	16,874	16,407
28	47	97 201	24 795,448	414 020,495	16,697	16,231
29	48	97 012	23 568,713	389 225,047	16,514	16,048
30	49	96 801	22 397,657	365 656,333	16,326	15,859
31	50	96 570	21 280,195	343 258,677	16,130	15,664
32	51	96 314	20 212,990	321 978,482	15,929	15,463
33	52	96 034	19 194,491	301 765,492	15,721	15,255
34	53	95 730	18 222,635	282 571,001	15,507	15,040
35	54	95 391	17 293,520	264 348,366	15,286	14,820
36	55	95 020	16 405,873	247 054,847	15,059	14,593
37	56	94 621	15 559,053	230 648,974	14,824	14,358
38	57	94 190	14 750,686	215 089,921	14,582	14,115
39	58	93 716	13 977,503	200 339,235	14,333	13,867
40	59	93 201	13 238,731	186 361,731	14,077	13,611
41	60	92 634	12 531,648	173 123,001	13,815	13,348
42	61	92 012	11 854,839	160 591,352	13,546	13,080
43	62	91 361	11 210,424	148 736,513	13,268	12,801
44	63	90 657	10 594,338	137 526,090	12,981	12,515
45	64	89 899	10 005,412	126 931,752	12,686	12,220
46	65	89 061	9 440,185	116 926,340	12,386	11,920
47	66	88 155	8 899,133	107 486,154	12,078	11,612
48	67	87 167	8 380,445	98 587,022	11,764	11,298
49	68	86 082	7 881,991	90 206,577	11,445	10,978
50	69	84 934	7 406,598	82 324,586	11,115	10,649
51	70	83 690	6 950,558	74 917,988	10,779	10,312
52	71	82 351	6 513,683	67 967,430	10,435	9,968
53	72	80 889	6 093,355	61 453,747	10,085	9,619
54	73	79 326	5 691,056	55 360,392	9,728	9,261
55	74	77 662	5 306,391	49 669,336	9,360	8,894
56	75	75 864	4 936,705	44 362,945	8,986	8,520
57	76	73 910	4 580,474	39 426,240	8,607	8,141
58	77	71 751	4 234,967	34 845,766	8,228	7,762
59	78	69 406	3 901,470	30 610,799	7,846	7,380
60	79	66 832	3 577,868	26 709,329	7,465	6,999
61	80	63 982	3 262,219	23 131,461	7,091	6,624
62	81	60 849	2 954,719	19 869,243	6,725	6,258
63	82	57 462	2 657,404	16 914,524	6,365	5,899
64	83	53 856	2 372,045	14 257,120	6,010	5,544
65	84	50 004	2 097,499	11 885,075	5,666	5,200
66	85	45 926	1 834,702	9 787,577	5,335	4,868
67	86	41 687	1 586,048	7 952,874	5,014	4,548
68	87	37 299	1 351,516	6 366,826	4,711	4,244
69	88	32 897	1 135,273	5 015,310	4,418	3,951
70	89	28 519	937,313	3 880,037	4,140	3,673
71	90	24 230	758,430	2 942,724	3,880	3,414
72	91	20 142	600,445	2 184,294	3,638	3,171
73	92	16 333	463,711	1 583,849	3,416	2,949
74	93	12 894	348,645	1 120,138	3,213	2,746
75	94	9 881	254,462	771,493	3,032	2,565
76	95	7 300	179,044	517,031	2,888	2,421
77	96	5 276	123,233	337,987	2,743	2,276
78	97	3 695	82,200	214,754	2,613	2,146
79	98	2 548	53,979	132,555	2,456	1,989
80	99	1 679	33,874	78,576	2,320	1,853
81	100	1 058	20,333	44,702	2,199	1,732

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 953 913,227	19,640	19,174
1	21	99 114	94 394,565	1 854 427,743	19,645	19,179
2	22	99 071	89 860,218	1 760 033,178	19,586	19,120
3	23	99 038	85 553,004	1 670 172,960	19,522	19,056
4	24	99 004	81 450,884	1 584 619,956	19,455	18,989
5	25	98 976	77 550,121	1 503 169,071	19,383	18,917
6	26	98 948	73 836,528	1 425 618,950	19,308	18,841
7	27	98 918	70 299,530	1 351 782,422	19,229	18,762
8	28	98 889	66 931,673	1 281 482,892	19,146	18,680
9	29	98 856	63 723,361	1 214 551,220	19,060	18,593
10	30	98 822	60 668,331	1 150 827,859	18,969	18,503
11	31	98 785	57 757,764	1 090 159,527	18,875	18,408
12	32	98 745	54 984,926	1 032 401,763	18,776	18,310
13	33	98 703	52 344,320	977 416,838	18,673	18,206
14	34	98 658	49 829,218	925 072,517	18,565	18,098
15	35	98 608	47 432,108	875 243,299	18,453	17,986
16	36	98 553	45 148,468	827 811,191	18,335	17,869
17	37	98 482	42 967,311	782 662,723	18,215	17,749
18	38	98 408	40 890,423	739 695,412	18,090	17,623
19	39	98 312	38 905,532	698 804,989	17,962	17,495
20	40	98 213	37 015,353	659 899,457	17,828	17,361
21	41	98 102	35 212,912	622 884,104	17,689	17,223
22	42	97 983	33 495,537	587 671,192	17,545	17,078
23	43	97 858	31 859,665	554 175,655	17,394	16,928
24	44	97 725	30 301,310	522 315,990	17,237	16,771
25	45	97 578	28 815,018	492 014,679	17,075	16,609
26	46	97 422	27 399,170	463 199,661	16,906	16,439
27	47	97 253	26 048,966	435 800,491	16,730	16,264
28	48	97 062	24 759,903	409 751,525	16,549	16,083
29	49	96 857	23 531,013	384 991,622	16,361	15,895
30	50	96 626	22 357,085	361 460,609	16,168	15,701
31	51	96 380	21 238,259	339 103,524	15,967	15,500
32	52	96 101	20 168,344	317 865,265	15,761	15,294
33	53	95 798	19 147,363	297 696,922	15,548	15,081
34	54	95 468	18 172,830	278 549,559	15,328	14,861
35	55	95 104	17 241,473	260 376,729	15,102	14,635
36	56	94 705	16 351,514	243 135,257	14,869	14,403
37	57	94 279	15 502,746	226 783,743	14,629	14,162
38	58	93 814	14 691,797	211 280,996	14,381	13,914
39	59	93 302	13 915,855	196 589,199	14,127	13,661
40	60	92 750	13 174,788	182 673,344	13,865	13,399
41	61	92 134	12 464,090	169 498,557	13,599	13,133
42	62	91 498	11 788,510	157 034,467	13,321	12,855
43	63	90 806	11 142,302	145 245,957	13,036	12,569
44	64	90 060	10 524,580	134 103,655	12,742	12,276
45	65	89 244	9 932,499	123 579,074	12,442	11,975
46	66	88 348	9 364,549	113 646,575	12,136	11,669
47	67	87 384	8 821,395	104 282,026	11,821	11,355
48	68	86 322	8 299,202	95 460,631	11,502	11,036
49	69	85 203	7 801,478	87 161,430	11,172	10,706
50	70	83 986	7 323,850	79 359,952	10,836	10,369
51	71	82 670	6 865,876	72 036,102	10,492	10,026
52	72	81 249	6 426,462	65 170,226	10,141	9,675
53	73	79 723	6 005,554	58 743,764	9,782	9,315
54	74	78 098	5 602,943	52 738,210	9,413	8,946
55	75	76 334	5 215,607	47 135,267	9,037	8,571
56	76	74 418	4 842,574	41 919,660	8,656	8,190
57	77	72 296	4 480,500	37 077,085	8,275	7,809
58	78	69 997	4 131,414	32 596,585	7,890	7,424
59	79	67 456	3 791,837	28 465,171	7,507	7,041
60	80	64 631	3 460,073	24 673,334	7,131	6,664
61	81	61 525	3 136,924	21 213,261	6,762	6,296
62	82	58 168	2 824,526	18 076,338	6,400	5,933
63	83	54 570	2 523,626	15 251,812	6,044	5,577
64	84	50 728	2 234,272	12 728,186	5,697	5,230
65	85	46 643	1 956,503	10 493,914	5,364	4,897
66	86	42 380	1 693,024	8 537,411	5,043	4,576
67	87	37 981	1 445,036	6 844,387	4,736	4,270
68	88	33 524	1 214,756	5 399,351	4,445	3,978
69	89	29 120	1 004,915	4 184,594	4,164	3,698
70	90	24 785	814,602	3 179,679	3,903	3,437
71	91	20 646	646,230	2 365,077	3,660	3,193
72	92	16 772	499,970	1 718,847	3,438	2,971
73	93	13 270	376,738	1 218,877	3,235	2,769
74	94	10 197	275,709	842,139	3,054	2,588
75	95	7 558	194,619	566,430	2,910	2,444
76	96	5 482	134,456	371,811	2,765	2,299
77	97	3 854	90,023	237,355	2,637	2,170
78	98	2 671	59,426	147,332	2,479	2,013
79	99	1 771	37,530	87,906	2,342	1,876
80	100	1 124	22,678	50,376	2,221	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 948 815,690	19,593	19,126
1	22	99 098	94 378,938	1 849 348,627	19,595	19,129
2	23	99 054	89 844,668	1 754 969,690	19,533	19,067
3	24	99 017	85 534,441	1 665 125,022	19,467	19,001
4	25	98 987	81 437,073	1 579 590,581	19,396	18,930
5	26	98 957	77 535,661	1 498 153,509	19,322	18,856
6	27	98 929	73 822,162	1 420 617,848	19,244	18,777
7	28	98 897	70 284,174	1 346 795,686	19,162	18,696
8	29	98 864	66 914,980	1 276 511,512	19,077	18,610
9	30	98 830	63 706,871	1 209 596,531	18,987	18,521
10	31	98 793	60 650,317	1 145 889,661	18,893	18,427
11	32	98 754	57 739,328	1 085 239,344	18,795	18,329
12	33	98 711	54 965,843	1 027 500,016	18,693	18,227
13	34	98 668	52 325,683	972 534,173	18,586	18,120
14	35	98 620	49 809,729	920 208,489	18,474	18,008
15	36	98 568	47 413,017	870 398,760	18,358	17,891
16	37	98 507	45 127,300	822 985,743	18,237	17,771
17	38	98 437	42 947,537	777 858,443	18,112	17,645
18	39	98 350	40 866,475	734 910,906	17,983	17,517
19	40	98 254	38 882,356	694 044,431	17,850	17,383
20	41	98 146	36 990,231	655 162,075	17,712	17,245
21	42	98 027	35 186,049	618 171,844	17,569	17,102
22	43	97 902	33 467,742	582 985,795	17,419	16,953
23	44	97 770	31 830,993	549 518,052	17,264	16,797
24	45	97 625	30 270,402	517 687,059	17,102	16,636
25	46	97 469	28 782,977	487 416,657	16,934	16,468
26	47	97 299	27 364,381	458 633,680	16,760	16,294
27	48	97 113	26 011,624	431 269,300	16,580	16,113
28	49	96 907	24 720,297	405 257,675	16,394	15,927
29	50	96 681	23 488,388	380 537,378	16,201	15,735
30	51	96 436	22 313,026	357 048,990	16,002	15,535
31	52	96 167	21 191,348	334 735,964	15,796	15,329
32	53	95 865	20 118,824	313 544,616	15,585	15,118
33	54	95 536	19 095,030	293 425,791	15,367	14,900
34	55	95 181	18 118,136	274 330,761	15,141	14,675
35	56	94 789	17 184,345	256 212,625	14,910	14,443
36	57	94 362	16 292,340	239 028,280	14,671	14,205
37	58	93 902	15 440,855	222 735,940	14,425	13,959
38	59	93 400	14 626,998	207 295,085	14,172	13,706
39	60	92 852	13 848,641	192 668,087	13,912	13,446
40	61	92 250	13 103,762	178 819,446	13,646	13,180
41	62	91 619	12 394,352	165 715,684	13,370	12,904
42	63	90 942	11 716,876	153 321,332	13,086	12,619
43	64	90 208	11 068,936	141 604,456	12,793	12,327
44	65	89 404	10 447,884	130 535,520	12,494	12,028
45	66	88 529	9 852,918	120 087,636	12,188	11,722
46	67	87 576	9 282,746	110 234,717	11,875	11,409
47	68	86 537	8 735,877	100 951,972	11,556	11,090
48	69	85 440	8 214,427	92 216,095	11,226	10,760
49	70	84 251	7 714,318	84 001,668	10,889	10,423
50	71	82 962	7 234,619	76 287,349	10,545	10,078
51	72	81 563	6 773,939	69 052,730	10,194	9,727
52	73	80 078	6 333,861	62 278,791	9,833	9,366
53	74	78 489	5 912,572	55 944,929	9,462	8,996
54	75	76 762	5 507,085	50 032,358	9,085	8,619
55	76	74 878	5 116,159	44 525,273	8,703	8,236
56	77	72 794	4 736,880	39 409,114	8,320	7,853
57	78	70 529	4 370,943	34 672,234	7,932	7,466
58	79	68 030	4 015,320	30 301,291	7,546	7,080
59	80	65 235	3 666,997	26 285,970	7,168	6,702
60	81	62 149	3 327,178	22 618,973	6,798	6,332
61	82	58 814	2 998,703	19 291,795	6,433	5,967
62	83	55 239	2 682,335	16 293,092	6,074	5,608
63	84	51 400	2 377,049	13 610,757	5,726	5,260
64	85	47 318	2 084,082	11 233,708	5,390	4,924
65	86	43 041	1 805,419	9 149,626	5,068	4,601
66	87	38 612	1 542,501	7 344,207	4,761	4,295
67	88	34 137	1 298,813	5 801,705	4,467	4,001
68	89	29 675	1 075,272	4 502,892	4,188	3,721
69	90	25 308	873,354	3 427,621	3,925	3,458
70	91	21 119	694,092	2 554,267	3,680	3,214
71	92	17 191	538,093	1 860,175	3,457	2,991
72	93	13 626	406,196	1 322,082	3,255	2,788
73	94	10 494	297,925	915,885	3,074	2,608
74	95	7 799	210,870	617,960	2,931	2,464
75	96	5 675	146,153	407,090	2,785	2,319
76	97	4 005	98,222	260,938	2,657	2,190
77	98	2 786	65,082	162,716	2,500	2,034
78	99	1 857	41,317	97,634	2,363	1,897
79	100	1 186	25,125	56,317	2,241	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 943 434,562	19,542	19,075
1	23	99 081	94 362,606	1 843 983,967	19,541	19,075
2	24	99 032	89 825,173	1 749 621,361	19,478	19,012
3	25	99 000	85 519,937	1 659 796,189	19,408	18,942
4	26	98 969	81 421,888	1 574 276,252	19,335	18,868
5	27	98 938	77 520,575	1 492 854,364	19,258	18,791
6	28	98 907	73 806,037	1 415 333,789	19,176	18,710
7	29	98 872	70 266,646	1 341 527,752	19,092	18,626
8	30	98 838	66 897,664	1 271 261,107	19,003	18,537
9	31	98 801	63 687,954	1 204 363,443	18,910	18,444
10	32	98 761	60 630,957	1 140 675,489	18,813	18,347
11	33	98 720	57 719,290	1 080 044,531	18,712	18,246
12	34	98 676	54 946,273	1 022 325,241	18,606	18,140
13	35	98 629	52 305,218	967 378,969	18,495	18,028
14	36	98 580	49 789,682	915 073,751	18,379	17,912
15	37	98 522	47 390,788	865 284,069	18,258	17,792
16	38	98 462	45 106,531	817 893,281	18,132	17,666
17	39	98 379	42 922,384	772 786,750	18,004	17,538
18	40	98 291	40 842,131	729 864,366	17,870	17,404
19	41	98 187	38 855,967	689 022,235	17,733	17,266
20	42	98 071	36 962,012	650 166,268	17,590	17,124
21	43	97 946	35 156,852	613 204,256	17,442	16,976
22	44	97 814	33 437,624	578 047,404	17,287	16,821
23	45	97 670	31 798,524	544 609,780	17,127	16,660
24	46	97 517	30 236,743	512 811,256	16,960	16,493
25	47	97 346	28 746,431	482 574,514	16,787	16,321
26	48	97 159	27 325,153	453 828,083	16,608	16,142
27	49	96 958	25 970,016	426 502,931	16,423	15,956
28	50	96 731	24 675,518	400 532,914	16,232	15,766
29	51	96 491	23 442,101	375 857,396	16,033	15,567
30	52	96 223	22 263,742	352 415,296	15,829	15,363
31	53	95 931	21 139,317	330 151,554	15,618	15,151
32	54	95 603	20 063,837	309 012,237	15,401	14,935
33	55	95 249	19 037,561	288 948,401	15,178	14,711
34	56	94 866	18 058,104	269 910,840	14,947	14,480
35	57	94 446	17 122,157	251 852,736	14,709	14,243
36	58	93 986	16 227,296	234 730,579	14,465	13,999
37	59	93 488	15 372,752	218 503,283	14,214	13,747
38	60	92 949	14 556,350	203 130,531	13,955	13,488
39	61	92 351	13 773,983	188 574,181	13,691	13,224
40	62	91 734	13 030,445	174 800,198	13,415	12,948
41	63	91 062	12 319,036	161 769,753	13,132	12,665
42	64	90 343	11 639,727	149 450,717	12,840	12,373
43	65	89 551	10 988,273	137 810,990	12,542	12,075
44	66	88 688	10 364,174	126 822,717	12,237	11,770
45	67	87 755	9 766,849	116 458,543	11,924	11,457
46	68	86 727	9 192,755	106 691,694	11,606	11,140
47	69	85 653	8 646,642	97 498,939	11,276	10,810
48	70	84 486	8 122,654	88 852,297	10,939	10,472
49	71	83 224	7 620,331	80 729,643	10,594	10,128
50	72	81 851	7 137,745	73 109,313	10,243	9,776
51	73	80 388	6 676,332	65 971,567	9,881	9,415
52	74	78 838	6 235,796	59 295,236	9,509	9,042
53	75	77 146	5 811,417	53 059,440	9,130	8,664
54	76	75 298	5 402,079	47 248,023	8,746	8,280
55	77	73 244	5 004,493	41 845,945	8,362	7,895
56	78	71 014	4 621,054	36 841,452	7,973	7,506
57	79	68 547	4 248,119	32 220,397	7,585	7,118
58	80	65 790	3 883,123	27 972,279	7,204	6,737
59	81	62 729	3 526,156	24 089,156	6,832	6,365
60	82	59 411	3 180,574	20 563,000	6,465	5,999
61	83	55 853	2 847,743	17 382,426	6,104	5,638
62	84	52 031	2 526,540	14 534,683	5,753	5,286
63	85	47 945	2 217,261	12 008,143	5,416	4,949
64	86	43 664	1 923,147	9 790,881	5,091	4,625
65	87	39 214	1 644,903	7 867,735	4,783	4,317
66	88	34 705	1 386,416	6 222,831	4,488	4,022
67	89	30 218	1 149,677	4 836,416	4,207	3,740
68	90	25 790	934,499	3 686,739	3,945	3,479
69	91	21 564	744,152	2 752,240	3,698	3,232
70	92	17 585	577,946	2 008,087	3,475	3,008
71	93	13 967	437,169	1 430,141	3,271	2,805
72	94	10 775	321,221	992,972	3,091	2,625
73	95	8 026	227,861	671,751	2,948	2,482
74	96	5 857	158,356	443,890	2,803	2,337
75	97	4 146	106,767	285,534	2,674	2,208
76	98	2 895	71,009	178,767	2,518	2,051
77	99	1 937	45,250	107,758	2,381	1,915
78	100	1 243	27,661	62,509	2,260	1,793

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 937 754,571	19,488	19,022
1	24	99 059	94 342,130	1 838 321,186	19,486	19,019
2	25	99 015	89 809,941	1 743 979,055	19,419	18,952
3	26	98 982	85 503,991	1 654 169,114	19,346	18,880
4	27	98 950	81 406,045	1 568 665,124	19,270	18,803
5	28	98 916	77 503,642	1 487 259,078	19,190	18,723
6	29	98 882	73 787,630	1 409 755,436	19,106	18,639
7	30	98 847	70 248,462	1 335 967,806	19,018	18,551
8	31	98 809	66 877,800	1 265 719,344	18,926	18,459
9	32	98 769	63 667,625	1 198 841,544	18,830	18,363
10	33	98 727	60 609,916	1 135 173,919	18,729	18,263
11	34	98 684	57 698,739	1 074 564,003	18,624	18,157
12	35	98 637	54 924,782	1 016 865,264	18,514	18,047
13	36	98 590	52 284,166	961 940,482	18,398	17,932
14	37	98 534	49 766,338	909 656,316	18,279	17,812
15	38	98 477	47 368,978	859 889,978	18,153	17,687
16	39	98 404	45 080,114	812 521,000	18,024	17,558
17	40	98 320	42 896,815	767 440,886	17,890	17,424
18	41	98 225	40 814,411	724 544,071	17,752	17,286
19	42	98 112	38 826,325	683 729,660	17,610	17,144
20	43	97 990	36 931,341	644 903,335	17,462	16,996
21	44	97 858	35 125,213	607 971,994	17,309	16,842
22	45	97 714	33 403,516	572 846,781	17,149	16,683
23	46	97 561	31 763,166	539 443,265	16,983	16,517
24	47	97 393	30 198,350	507 680,099	16,812	16,345
25	48	97 206	28 705,221	477 481,749	16,634	16,168
26	49	97 004	27 281,444	448 776,528	16,450	15,983
27	50	96 782	25 922,973	421 495,084	16,260	15,793
28	51	96 541	24 626,891	395 572,111	16,063	15,596
29	52	96 278	23 390,322	370 945,220	15,859	15,393
30	53	95 986	22 209,078	347 554,898	15,649	15,183
31	54	95 669	21 081,540	325 345,821	15,433	14,966
32	55	95 315	20 003,452	304 264,281	15,211	14,744
33	56	94 933	18 974,482	284 260,829	14,981	14,515
34	57	94 522	17 992,754	265 286,347	14,744	14,278
35	58	94 069	17 053,800	247 293,593	14,501	14,034
36	59	93 571	16 155,725	230 239,793	14,251	13,785
37	60	93 036	15 298,502	214 084,068	13,994	13,527
38	61	92 448	14 477,876	198 785,566	13,730	13,264
39	62	91 834	13 696,916	184 307,690	13,456	12,990
40	63	91 177	12 951,264	170 610,774	13,173	12,707
41	64	90 463	12 237,922	157 659,510	12,883	12,416
42	65	89 684	11 554,904	145 421,588	12,585	12,119
43	66	88 833	10 900,233	133 866,684	12,281	11,815
44	67	87 913	10 273,639	122 966,450	11,969	11,503
45	68	86 904	9 672,165	112 692,812	11,651	11,185
46	69	85 841	9 098,853	103 020,646	11,322	10,856
47	70	84 696	8 550,040	93 921,794	10,985	10,519
48	71	83 457	8 023,691	85 371,754	10,640	10,174
49	72	82 110	7 518,292	77 348,062	10,288	9,822
50	73	80 672	7 034,895	69 829,771	9,926	9,460
51	74	79 144	6 572,964	62 794,876	9,554	9,087
52	75	77 489	6 129,111	56 221,912	9,173	8,707
53	76	75 675	5 700,608	50 092,801	8,787	8,321
54	77	73 654	5 284,172	44 392,193	8,401	7,935
55	78	71 453	4 882,124	39 108,021	8,010	7,544
56	79	69 018	4 491,201	34 225,897	7,621	7,154
57	80	66 290	4 108,257	29 734,696	7,238	6,771
58	81	63 263	3 733,980	25 626,439	6,863	6,397
59	82	59 965	3 370,784	21 892,459	6,495	6,028
60	83	56 420	3 020,459	18 521,675	6,132	5,666
61	84	52 609	2 682,341	15 501,216	5,779	5,313
62	85	48 533	2 356,704	12 818,875	5,439	4,973
63	86	44 243	2 046,042	10 462,171	5,113	4,647
64	87	39 782	1 752,164	8 416,130	4,803	4,337
65	88	35 246	1 478,456	6 663,966	4,507	4,041
66	89	30 720	1 227,220	5 185,510	4,225	3,759
67	90	26 261	999,163	3 958,290	3,962	3,495
68	91	21 975	796,252	2 959,127	3,716	3,250
69	92	17 955	619,630	2 162,874	3,491	3,024
70	93	14 287	469,548	1 543,245	3,287	2,820
71	94	11 045	345,714	1 073,697	3,106	2,639
72	95	8 241	245,678	727,983	2,963	2,497
73	96	6 027	171,116	482,305	2,819	2,352
74	97	4 278	115,682	311,188	2,690	2,224
75	98	2 997	77,186	195,507	2,533	2,067
76	99	2 013	49,370	118,321	2,397	1,930
77	100	1 297	30,293	68,950	2,276	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 931 762,540	19,432	18,966
1	25	99 042	94 326,133	1 832 350,730	19,426	18,959
2	26	98 997	89 793,195	1 738 024,597	19,356	18,889
3	27	98 962	85 487,354	1 648 231,402	19,280	18,814
4	28	98 928	81 388,264	1 562 744,048	19,201	18,735
5	29	98 892	77 484,313	1 481 355,784	19,118	18,652
6	30	98 857	73 768,535	1 403 871,471	19,031	18,564
7	31	98 817	70 227,603	1 330 102,936	18,940	18,473
8	32	98 777	66 856,453	1 259 875,333	18,844	18,378
9	33	98 735	63 645,530	1 193 018,880	18,745	18,278
10	34	98 692	60 588,336	1 129 373,351	18,640	18,174
11	35	98 646	57 676,172	1 068 785,015	18,531	18,064
12	36	98 597	54 902,676	1 011 108,843	18,416	17,950
13	37	98 543	52 259,653	956 206,167	18,297	17,831
14	38	98 489	49 743,434	903 946,514	18,172	17,706
15	39	98 419	47 341,235	854 203,080	18,044	17,577
16	40	98 346	45 053,260	806 861,844	17,909	17,443
17	41	98 254	42 867,701	761 808,584	17,771	17,305
18	42	98 150	40 783,276	718 940,883	17,628	17,162
19	43	98 031	38 794,107	678 157,608	17,481	17,015
20	44	97 902	36 898,105	639 363,501	17,328	16,861
21	45	97 758	35 089,384	602 465,396	17,169	16,703
22	46	97 605	33 366,373	567 376,012	17,004	16,538
23	47	97 437	31 722,835	534 009,640	16,834	16,367
24	48	97 253	30 155,059	502 286,805	16,657	16,190
25	49	97 051	28 659,305	472 131,745	16,474	16,008
26	50	96 828	27 232,025	443 472,440	16,285	15,819
27	51	96 592	25 871,888	416 240,415	16,089	15,622
28	52	96 327	24 572,495	390 368,528	15,886	15,420
29	53	96 041	23 332,892	365 796,032	15,677	15,211
30	54	95 724	22 148,377	342 463,141	15,462	14,996
31	55	95 381	21 018,092	320 314,763	15,240	14,774
32	56	94 999	19 937,173	299 296,671	15,012	14,546
33	57	94 589	18 905,816	279 359,498	14,776	14,310
34	58	94 145	17 920,922	260 453,683	14,533	14,067
35	59	93 654	16 978,584	242 532,761	14,285	13,818
36	60	93 119	16 077,692	225 554,178	14,029	13,563
37	61	92 535	15 216,027	209 476,485	13,767	13,300
38	62	91 931	14 396,871	194 260,458	13,493	13,027
39	63	91 276	13 613,685	179 863,587	13,212	12,746
40	64	90 576	12 865,987	166 249,902	12,922	12,455
41	65	89 803	12 148,740	153 383,915	12,625	12,159
42	66	88 966	11 462,324	141 235,174	12,322	11,855
43	67	88 057	10 805,015	129 772,850	12,010	11,544
44	68	87 061	10 174,042	118 967,835	11,693	11,227
45	69	86 017	9 573,366	108 793,793	11,364	10,898
46	70	84 882	8 997,199	99 220,427	11,028	10,562
47	71	83 665	8 445,870	90 223,228	10,683	10,216
48	72	82 339	7 916,251	81 777,358	10,330	9,864
49	73	80 927	7 409,958	73 861,107	9,968	9,501
50	74	79 423	6 925,975	66 451,149	9,594	9,128
51	75	77 790	6 460,511	59 525,173	9,214	8,747
52	76	76 012	6 012,244	53 064,663	8,826	8,360
53	77	74 024	5 576,186	47 052,419	8,438	7,972
54	78	71 853	5 154,965	41 476,233	8,046	7,579
55	79	69 445	4 744,935	36 321,268	7,655	7,188
56	80	66 746	4 343,336	31 576,334	7,270	6,804
57	81	63 744	3 950,467	27 232,997	6,894	6,427
58	82	60 476	3 569,451	23 282,530	6,523	6,056
59	83	56 946	3 201,094	19 713,079	6,158	5,692
60	84	53 143	2 845,025	16 511,986	5,804	5,337
61	85	49 073	2 502,032	13 666,960	5,462	4,996
62	86	44 786	2 174,716	11 164,929	5,134	4,668
63	87	40 309	1 864,133	8 990,213	4,823	4,356
64	88	35 757	1 574,862	7 126,080	4,525	4,058
65	89	31 199	1 308,692	5 551,218	4,242	3,775
66	90	26 698	1 066,555	4 242,526	3,978	3,511
67	91	22 376	851,350	3 175,971	3,731	3,264
68	92	18 298	663,011	2 324,621	3,506	3,040
69	93	14 588	503,413	1 661,610	3,301	2,834
70	94	11 298	371,319	1 158,197	3,119	2,653
71	95	8 447	264,412	786,878	2,976	2,510
72	96	6 189	184,496	522,466	2,832	2,365
73	97	4 403	125,003	337,970	2,704	2,237
74	98	3 093	83,631	212,967	2,546	2,080
75	99	2 084	53,665	129,336	2,410	1,944
76	100	1 348	33,052	75,670	2,289	1,823

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 925 448,510	19,372	18,905
1	26	99 024	94 308,545	1 826 053,557	19,363	18,896
2	27	98 978	89 775,724	1 731 745,012	19,290	18,823
3	28	98 941	85 468,681	1 641 969,289	19,211	18,745
4	29	98 903	81 367,966	1 556 500,608	19,129	18,663
5	30	98 866	77 464,262	1 475 132,642	19,043	18,576
6	31	98 828	73 746,631	1 397 668,380	18,952	18,486
7	32	98 786	70 205,187	1 323 921,749	18,858	18,391
8	33	98 743	66 833,250	1 253 716,562	18,759	18,292
9	34	98 700	63 622,869	1 186 883,312	18,655	18,189
10	35	98 653	60 564,639	1 123 260,443	18,546	18,080
11	36	98 606	57 652,959	1 062 695,804	18,433	17,966
12	37	98 551	54 876,935	1 005 042,846	18,314	17,848
13	38	98 498	52 235,601	950 165,911	18,190	17,724
14	39	98 431	49 714,302	897 930,309	18,062	17,595
15	40	98 360	47 313,034	848 216,008	17,928	17,461
16	41	98 279	45 022,682	800 902,974	17,789	17,322
17	42	98 179	42 834,999	755 880,291	17,646	17,180
18	43	98 068	40 749,433	713 045,292	17,498	17,032
19	44	97 943	38 759,195	672 295,859	17,345	16,879
20	45	97 802	36 860,468	633 536,664	17,187	16,721
21	46	97 649	35 050,366	596 676,197	17,023	16,557
22	47	97 481	33 324,006	561 625,831	16,853	16,387
23	48	97 298	31 677,359	528 301,825	16,678	16,211
24	49	97 098	30 106,824	496 624,466	16,495	16,029
25	50	96 875	28 607,390	466 517,642	16,308	15,841
26	51	96 637	27 178,360	437 910,251	16,112	15,646
27	52	96 378	25 814,742	410 731,892	15,911	15,444
28	53	96 091	24 512,162	384 917,149	15,703	15,237
29	54	95 779	23 269,120	360 404,987	15,489	15,022
30	55	95 436	22 081,718	337 135,867	15,268	14,801
31	56	95 065	20 948,451	315 054,149	15,039	14,573
32	57	94 656	19 865,022	294 105,698	14,805	14,339
33	58	94 212	18 830,338	274 240,675	14,564	14,097
34	59	93 730	17 841,880	255 410,337	14,315	13,849
35	60	93 202	16 896,577	237 568,457	14,060	13,594
36	61	92 617	15 991,017	220 671,880	13,800	13,333
37	62	92 017	15 130,892	204 680,862	13,527	13,061
38	63	91 372	14 309,387	189 549,970	13,247	12,780
39	64	90 675	13 524,047	175 240,584	12,958	12,491
40	65	89 916	12 772,228	161 716,537	12,662	12,195
41	66	89 084	12 051,403	148 944,309	12,359	11,893
42	67	88 189	11 362,196	136 892,906	12,048	11,582
43	68	87 204	10 700,267	125 530,710	11,732	11,265
44	69	86 171	10 070,116	114 830,443	11,403	10,937
45	70	85 056	9 466,411	104 760,327	11,067	10,600
46	71	83 848	8 887,581	95 293,916	10,722	10,256
47	72	82 544	8 332,777	86 406,335	10,369	9,903
48	73	81 153	7 802,183	78 073,558	10,007	9,540
49	74	79 674	7 295,231	70 271,375	9,633	9,166
50	75	78 064	6 807,483	62 976,143	9,251	8,785
51	76	76 306	6 337,325	56 168,660	8,863	8,397
52	77	74 353	5 881,020	49 831,336	8,473	8,007
53	78	72 214	5 439,837	43 950,315	8,079	7,613
54	79	69 834	5 010,109	38 510,478	7,687	7,220
55	80	67 159	4 588,716	33 500,369	7,301	6,834
56	81	64 182	4 176,518	28 911,653	6,922	6,456
57	82	60 935	3 776,399	24 735,135	6,550	6,084
58	83	57 431	3 389,759	20 958,736	6,183	5,717
59	84	53 639	3 015,168	17 568,977	5,827	5,360
60	85	49 570	2 653,780	14 553,809	5,484	5,018
61	86	45 283	2 308,821	11 900,029	5,154	4,688
62	87	40 804	1 981,367	9 591,208	4,841	4,374
63	88	36 230	1 675,501	7 609,841	4,542	4,075
64	89	31 651	1 394,029	5 934,340	4,257	3,791
65	90	27 115	1 137,360	4 540,311	3,992	3,526
66	91	22 748	908,772	3 402,950	3,745	3,278
67	92	18 632	708,889	2 494,178	3,518	3,052
68	93	14 866	538,658	1 785,289	3,314	2,848
69	94	11 536	398,100	1 246,631	3,131	2,665
70	95	8 641	283,995	848,531	2,988	2,521
71	96	6 344	198,564	564,536	2,843	2,377
72	97	4 521	134,777	365,972	2,715	2,249
73	98	3 183	90,370	231,195	2,558	2,092
74	99	2 150	58,146	140,825	2,422	1,955
75	100	1 395	35,927	82,678	2,301	1,835

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	94 900,325	1 913 113,859	20,159	19,693
2	1	99 313	90 079,801	1 818 213,535	20,184	19,718
3	2	99 275	85 757,087	1 728 133,733	20,151	19,685
4	3	99 250	81 653,177	1 642 376,646	20,114	19,648
5	4	99 227	77 746,647	1 560 723,470	20,074	19,608
6	5	99 208	74 030,716	1 482 976,823	20,032	19,566
7	6	99 191	70 492,845	1 408 946,107	19,987	19,521
8	7	99 176	67 125,971	1 338 453,262	19,939	19,473
9	8	99 163	63 921,137	1 271 327,291	19,889	19,423
10	9	99 149	60 868,609	1 207 406,153	19,836	19,370
11	10	99 135	57 961,895	1 146 537,544	19,781	19,314
12	11	99 120	55 193,605	1 088 575,649	19,723	19,256
13	12	99 105	52 557,304	1 033 382,044	19,662	19,196
14	13	99 087	50 045,829	980 824,740	19,599	19,132
15	14	99 067	47 652,852	930 778,911	19,532	19,066
16	15	99 042	45 372,086	883 126,059	19,464	18,998
17	16	99 004	43 194,976	837 753,973	19,395	18,928
18	17	98 961	41 120,207	794 558,997	19,323	18,856
19	18	98 908	39 141,358	753 438,789	19,249	18,783
20	19	98 847	37 254,330	714 297,432	19,174	18,707
21	20	98 783	35 457,476	677 043,102	19,095	18,628
22	21	98 721	33 747,673	641 585,625	19,011	18,545
23	22	98 660	32 120,827	607 837,952	18,923	18,457
24	23	98 598	30 571,924	575 717,125	18,832	18,365
25	24	98 528	29 095,729	545 145,201	18,736	18,270
26	25	98 464	27 692,189	516 049,472	18,635	18,169
27	26	98 399	26 356,102	488 357,283	18,529	18,063
28	27	98 328	25 082,922	462 001,181	18,419	17,953
29	28	98 256	23 870,977	436 918,259	18,303	17,837
30	29	98 175	22 715,580	413 047,281	18,183	17,717
31	30	98 093	21 615,827	390 331,701	18,058	17,591
32	31	97 997	20 566,223	368 715,875	17,928	17,462
33	32	97 897	19 566,910	348 149,652	17,793	17,326
34	33	97 793	18 615,457	328 582,742	17,651	17,185
35	34	97 680	17 708,423	309 967,285	17,504	17,038
36	35	97 555	16 843,602	292 258,861	17,351	16,885
37	36	97 429	16 020,842	275 415,259	17,191	16,725
38	37	97 292	15 236,502	259 394,417	17,025	16,558
39	38	97 145	14 489,053	244 157,915	16,851	16,385
40	39	96 983	13 775,966	229 668,862	16,672	16,205
41	40	96 803	13 095,674	215 892,896	16,486	16,019
42	41	96 609	12 447,097	202 797,223	16,293	15,826
43	42	96 392	11 827,685	190 350,126	16,094	15,627
44	43	96 154	11 236,683	178 522,441	15,887	15,421
45	44	95 895	10 672,774	167 285,758	15,674	15,208
46	45	95 601	10 133,420	156 612,984	15,455	14,989
47	46	95 286	9 619,083	146 479,564	15,228	14,762
48	47	94 929	9 126,657	136 860,481	14,996	14,529
49	48	94 529	8 655,423	127 733,824	14,758	14,291
50	49	94 081	8 204,175	119 078,402	14,514	14,048
51	50	93 580	7 771,910	110 874,227	14,266	13,800
52	51	93 035	7 358,711	103 102,317	14,011	13,545
53	52	92 418	6 961,871	95 743,606	13,753	13,286
54	53	91 732	6 581,094	88 781,735	13,490	13,024
55	54	90 971	6 215,736	82 200,642	13,225	12,758
56	55	90 140	5 865,645	75 984,906	12,954	12,488
57	56	89 227	5 529,789	70 119,261	12,680	12,214
58	57	88 234	5 207,839	64 589,472	12,402	11,936
59	58	87 140	4 898,349	59 381,632	12,123	11,656
60	59	85 953	4 601,555	54 483,283	11,840	11,374
61	60	84 679	4 317,475	49 881,728	11,553	11,087
62	61	83 297	4 044,775	45 564,253	11,265	10,799
63	62	81 827	3 784,161	41 519,478	10,972	10,506
64	63	80 267	3 535,252	37 735,317	10,674	10,208
65	64	78 600	3 296,985	34 200,065	10,373	9,907
66	65	76 828	3 069,203	30 903,080	10,069	9,602
67	66	74 967	2 852,234	27 833,876	9,759	9,292
68	67	72 978	2 644,341	24 981,642	9,447	8,981
69	68	70 918	2 447,359	22 337,301	9,127	8,661
70	69	68 746	2 259,404	19 889,942	8,803	8,337
71	70	66 455	2 080,102	17 630,538	8,476	8,009
72	71	64 044	1 909,182	15 550,436	8,145	7,679
73	72	61 534	1 747,013	13 641,254	7,808	7,342
74	73	58 931	1 593,445	11 894,241	7,464	6,998
75	74	56 225	1 447,875	10 300,796	7,114	6,648
76	75	53 382	1 309,212	8 852,920	6,762	6,296
77	76	50 393	1 177,054	7 543,708	6,409	5,943
78	77	47 260	1 051,299	6 366,653	6,056	5,590
79	78	43 972	931,588	5 315,354	5,706	5,239
80	79	40 502	817,217	4 383,766	5,364	4,898
81	80	36 874	708,582	3 566,549	5,033	4,567
82	81	33 099	605,745	2 857,968	4,718	4,252
83	82	29 275	510,246	2 252,222	4,414	3,948
84	83	25 443	422,350	1 741,977	4,124	3,658
85	84	21 681	342,760	1 319,627	3,850	3,384
86	85	18 049	271,757	976,867	3,595	3,128
87	86	14 656	210,165	705,110	3,355	2,889
88	87	11 578	158,110	494,945	3,130	2,664
89	88	8 871	115,376	336,835	2,919	2,453
90	89	6 577	81,464	221,459	2,718	2,252
91	90	4 689	55,321	139,995	2,531	2,064
92	91	3 187	35,806	84,674	2,365	1,898
93	92	2 059	22,028	48,868	2,218	1,752
94	93	1 265	12,888	26,840	2,083	1,616
95	94	727	7,052	13,952	1,979	1,512
96	95	397	3,668	6,900	1,881	1,415
97	96	205	1,803	3,232	1,793	1,326
98	97	99	0,830	1,429	1,721	1,255
99	98	46	0,365	0,599	1,640	1,174
100	99	20	0,149	0,234	1,571	1,105

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	90 356,641	1 819 670,956	20,139	19,672
3	1	99 297	85 776,906	1 729 314,314	20,161	19,694
4	2	99 262	81 662,901	1 643 537,408	20,126	19,659
5	3	99 238	77 755,911	1 561 874,507	20,087	19,620
6	4	99 217	74 037,448	1 484 118,596	20,046	19,579
7	5	99 198	70 498,132	1 410 081,148	20,002	19,535
8	6	99 182	67 130,390	1 339 583,016	19,955	19,489
9	7	99 168	63 924,288	1 272 452,626	19,906	19,439
10	8	99 155	60 872,378	1 208 528,337	19,853	19,387
11	9	99 141	57 965,646	1 147 655,959	19,799	19,332
12	10	99 126	55 196,875	1 089 690,313	19,742	19,275
13	11	99 112	52 561,219	1 034 493,438	19,682	19,215
14	12	99 095	50 049,788	981 932,219	19,619	19,153
15	13	99 075	47 656,937	931 882,431	19,554	19,088
16	14	99 052	45 376,848	884 225,493	19,486	19,020
17	15	99 016	43 200,381	838 848,646	19,418	18,951
18	16	98 975	41 126,010	795 648,265	19,347	18,880
19	17	98 923	39 147,090	754 522,255	19,274	18,808
20	18	98 867	37 261,918	715 375,165	19,199	18,732
21	19	98 802	35 464,322	678 113,247	19,121	18,655
22	20	98 739	33 753,924	642 648,925	19,039	18,573
23	21	98 676	32 126,145	608 895,001	18,953	18,487
24	22	98 615	30 577,216	576 768,856	18,863	18,396
25	23	98 550	29 102,044	546 191,640	18,768	18,302
26	24	98 481	27 696,886	517 089,597	18,670	18,203
27	25	98 418	26 361,017	489 392,711	18,565	18,099
28	26	98 347	25 087,804	463 031,694	18,456	17,990
29	27	98 278	23 876,193	437 943,890	18,342	17,876
30	28	98 200	22 721,247	414 067,698	18,224	17,757
31	29	98 119	21 621,422	391 346,451	18,100	17,634
32	30	98 026	20 572,331	369 725,029	17,972	17,506
33	31	97 928	19 573,158	349 152,698	17,838	17,372
34	32	97 827	18 621,920	329 579,540	17,698	17,232
35	33	97 715	17 714,730	310 957,620	17,554	17,087
36	34	97 593	16 850,193	293 242,890	17,403	16,937
37	35	97 468	16 027,293	276 392,697	17,245	16,779
38	36	97 338	15 243,649	260 365,404	17,080	16,614
39	37	97 190	14 495,725	245 121,756	16,910	16,444
40	38	97 039	13 784,038	230 626,031	16,731	16,265
41	39	96 861	13 103,479	216 841,992	16,548	16,082
42	40	96 675	12 455,551	203 738,513	16,357	15,891
43	41	96 465	11 836,715	191 282,963	16,160	15,694
44	42	96 234	11 246,015	179 446,248	15,956	15,490
45	43	95 981	10 682,387	168 200,233	15,746	15,279
46	44	95 699	10 143,767	157 517,846	15,529	15,062
47	45	95 392	9 629,791	147 374,079	15,304	14,838
48	46	95 050	9 138,260	137 744,288	15,073	14,607
49	47	94 664	8 667,848	128 606,028	14,837	14,371
50	48	94 231	8 217,319	119 938,180	14,596	14,129
51	49	93 750	7 786,014	111 720,860	14,349	13,883
52	50	93 218	7 373,241	103 934,846	14,096	13,630
53	51	92 623	6 977,282	96 561,606	13,839	13,373
54	52	91 958	6 597,292	89 584,324	13,579	13,113
55	53	91 221	6 232,771	82 987,032	13,315	12,848
56	54	90 412	5 883,352	76 754,261	13,046	12,580
57	55	89 524	5 548,172	70 870,909	12,774	12,307
58	56	88 555	5 226,754	65 322,737	12,498	12,031
59	57	87 489	4 917,983	60 095,982	12,220	11,753
60	58	86 334	4 621,941	55 177,999	11,938	11,472
61	59	85 090	4 338,429	50 556,058	11,653	11,187
62	60	83 749	4 066,699	46 217,629	11,365	10,898
63	61	82 287	3 805,452	42 150,930	11,076	10,610
64	62	80 757	3 556,866	38 345,478	10,781	10,314
65	63	79 121	3 318,838	34 788,612	10,482	10,016
66	64	77 392	3 091,734	31 469,774	10,179	9,712
67	65	75 572	2 875,272	28 378,040	9,870	9,403
68	66	73 621	2 667,644	25 502,768	9,560	9,094
69	67	71 613	2 471,317	22 835,125	9,240	8,774
70	68	69 455	2 282,722	20 363,808	8,921	8,454
71	69	67 205	2 103,604	18 081,086	8,595	8,129
72	70	64 834	1 932,730	15 977,482	8,267	7,800
73	71	62 369	1 770,723	14 044,752	7,932	7,465
74	72	59 793	1 616,742	12 274,029	7,592	7,125
75	73	57 109	1 470,645	10 657,287	7,247	6,780
76	74	54 311	1 332,001	9 186,642	6,897	6,430
77	75	51 373	1 199,934	7 854,641	6,546	6,079
78	76	48 314	1 074,757	6 654,707	6,192	5,725
79	77	45 074	954,938	5 579,950	5,843	5,377
80	78	41 673	840,845	4 625,012	5,500	5,034
81	79	38 130	732,705	3 784,168	5,165	4,698
82	80	34 421	629,940	3 051,463	4,844	4,378
83	81	30 624	533,765	2 421,523	4,537	4,070
84	82	26 792	444,739	1 887,758	4,245	3,778
85	83	23 018	363,896	1 443,019	3,965	3,499
86	84	19 350	291,341	1 079,124	3,704	3,238
87	85	15 883	227,753	787,783	3,459	2,993
88	86	12 707	173,539	560,030	3,227	2,761
89	87	9 869	128,365	386,491	3,011	2,544
90	88	7 430	92,032	258,126	2,805	2,338
91	89	5 396	63,654	166,094	2,609	2,143
92	90	3 740	42,023	102,440	2,438	1,971
93	91	2 472	26,454	60,417	2,284	1,817
94	92	1 557	15,863	33,963	2,141	1,675
95	93	919	8,917	18,099	2,030	1,563
96	94	519	4,796	9,182	1,915	1,448
97	95	273	2,401	4,386	1,827	1,360
98	96	136	1,137	1,985	1,746	1,280
99	97	63	0,505	0,848	1,680	1,214
100	98	28	0,214	0,343	1,605	1,139

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	86 040,522	1 730 663,145	20,115	19,648
4	1	99 285	81 681,774	1 644 622,623	20,135	19,668
5	2	99 250	77 765,171	1 562 940,849	20,098	19,632
6	3	99 229	74 046,270	1 485 175,678	20,057	19,591
7	4	99 207	70 504,543	1 411 129,408	20,015	19,548
8	5	99 190	67 135,425	1 340 624,865	19,969	19,503
9	6	99 174	63 928,497	1 273 489,440	19,921	19,454
10	7	99 160	60 875,379	1 209 560,943	19,869	19,403
11	8	99 147	57 969,235	1 148 685,564	19,815	19,349
12	9	99 132	55 200,447	1 090 716,329	19,759	19,293
13	10	99 118	52 564,334	1 035 515,882	19,700	19,234
14	11	99 103	50 053,517	982 951,549	19,638	19,172
15	12	99 083	47 660,708	932 898,032	19,574	19,107
16	13	99 060	45 380,738	885 237,324	19,507	19,040
17	14	99 026	43 204,914	839 856,586	19,439	18,973
18	15	98 987	41 131,156	796 651,672	19,369	18,902
19	16	98 937	39 152,614	755 520,516	19,297	18,830
20	17	98 881	37 267,375	716 367,902	19,222	18,756
21	18	98 822	35 471,545	679 100,527	19,145	18,679
22	19	98 758	33 760,440	643 628,982	19,065	18,598
23	20	98 694	32 132,095	609 868,542	18,980	18,514
24	21	98 631	30 582,279	577 736,446	18,891	18,425
25	22	98 567	29 107,081	547 154,168	18,798	18,332
26	23	98 502	27 702,897	518 047,087	18,700	18,234
27	24	98 434	26 365,488	490 344,190	18,598	18,132
28	25	98 366	25 092,482	463 978,702	18,491	18,024
29	26	98 297	23 880,839	438 886,220	18,378	17,912
30	27	98 221	22 726,211	415 005,381	18,261	17,795
31	28	98 143	21 626,816	392 279,170	18,139	17,672
32	29	98 051	20 577,656	370 652,355	18,012	17,546
33	30	97 957	19 578,971	350 074,698	17,880	17,414
34	31	97 859	18 627,866	330 495,727	17,742	17,276
35	32	97 749	17 720,880	311 867,861	17,599	17,132
36	33	97 628	16 856,194	294 146,981	17,450	16,984
37	34	97 507	16 033,564	277 290,786	17,294	16,828
38	35	97 377	15 249,786	261 257,222	17,132	16,665
39	36	97 236	14 502,524	246 007,436	16,963	16,497
40	37	97 084	13 790,385	231 504,912	16,787	16,321
41	38	96 918	13 111,158	217 714,527	16,605	16,139
42	39	96 732	12 462,975	204 603,369	16,417	15,950
43	40	96 531	11 844,754	192 140,394	16,222	15,755
44	41	96 307	11 254,600	180 295,640	16,020	15,553
45	42	96 061	10 691,259	169 041,040	15,811	15,345
46	43	95 785	10 152,904	158 349,781	15,597	15,130
47	44	95 490	9 639,624	148 196,877	15,374	14,907
48	45	95 155	9 148,432	138 557,253	15,145	14,679
49	46	94 785	8 678,868	129 408,821	14,911	14,444
50	47	94 367	8 229,116	120 729,952	14,671	14,205
51	48	93 900	7 798,488	112 500,836	14,426	13,960
52	49	93 388	7 386,621	104 702,348	14,175	13,708
53	50	92 806	6 991,059	97 315,727	13,920	13,454
54	51	92 161	6 611,896	90 324,668	13,661	13,195
55	52	91 445	6 248,112	83 712,772	13,398	12,932
56	53	90 660	5 899,476	77 464,660	13,131	12,664
57	54	89 794	5 564,920	71 565,184	12,860	12,394
58	55	88 849	5 244,130	66 000,263	12,586	12,119
59	56	87 807	4 935,846	60 756,133	12,309	11,843
60	57	86 680	4 640,467	55 820,287	12,029	11,563
61	58	85 467	4 357,649	51 179,821	11,745	11,278
62	59	84 155	4 086,436	46 822,171	11,458	10,992
63	60	82 733	3 826,079	42 735,735	11,170	10,703
64	61	81 212	3 576,879	38 909,656	10,878	10,412
65	62	79 604	3 339,128	35 332,777	10,581	10,115
66	63	77 905	3 112,226	31 993,649	10,280	9,814
67	64	76 127	2 896,378	28 881,423	9,972	9,505
68	65	74 215	2 689,190	25 985,044	9,663	9,196
69	66	72 244	2 493,095	23 295,854	9,344	8,878
70	67	70 135	2 305,068	20 802,759	9,025	8,558
71	68	67 899	2 125,314	18 497,691	8,704	8,237
72	69	65 566	1 954,566	16 372,377	8,376	7,910
73	70	63 138	1 792,563	14 417,811	8,043	7,577
74	71	60 604	1 638,684	12 625,248	7,705	7,238
75	72	57 944	1 492,146	10 986,564	7,363	6,897
76	73	55 166	1 352,948	9 494,418	7,018	6,551
77	74	52 267	1 220,820	8 141,470	6,669	6,202
78	75	49 253	1 095,648	6 920,649	6,316	5,850
79	76	46 080	976,246	5 825,001	5,967	5,500
80	77	42 718	861,920	4 848,755	5,626	5,159
81	78	39 232	753,889	3 986,835	5,288	4,822
82	79	35 593	651,386	3 232,946	4,963	4,497
83	80	31 847	555,084	2 581,560	4,651	4,184
84	81	28 027	465,238	2 026,476	4,356	3,889
85	82	24 238	383,186	1 561,237	4,074	3,608
86	83	20 543	309,306	1 178,052	3,809	3,342
87	84	17 028	244,166	868,745	3,558	3,092
88	85	13 771	188,061	624,579	3,321	2,855
89	86	10 833	140,891	436,518	3,098	2,632
90	87	8 266	102,393	295,627	2,887	2,421
91	88	6 096	71,912	193,234	2,687	2,221
92	89	4 304	48,353	121,322	2,509	2,043
93	90	2 902	31,047	72,969	2,350	1,884
94	91	1 869	19,051	41,922	2,200	1,734
95	92	1 131	10,976	22,871	2,084	1,617
96	93	656	6,064	11,895	1,961	1,495
97	94	357	3,140	5,830	1,857	1,391
98	95	181	1,514	2,691	1,778	1,311
99	96	87	0,691	1,177	1,703	1,236
100	97	39	0,296	0,486	1,642	1,175

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	81 932,805	1 645 870,344	20,088	19,622
5	1	99 273	77 783,143	1 563 937,539	20,106	19,640
6	2	99 241	74 055,088	1 486 154,396	20,068	19,602
7	3	99 219	70 512,944	1 412 099,307	20,026	19,560
8	4	99 199	67 141,530	1 341 586,364	19,981	19,515
9	5	99 182	63 933,291	1 274 444,833	19,934	19,468
10	6	99 166	60 879,387	1 210 511,542	19,884	19,417
11	7	99 152	57 972,093	1 149 632,156	19,831	19,364
12	8	99 138	55 203,865	1 091 660,063	19,775	19,309
13	9	99 124	52 567,735	1 036 456,198	19,717	19,250
14	10	99 108	50 056,483	983 888,463	19,656	19,189
15	11	99 091	47 664,258	933 831,980	19,592	19,125
16	12	99 068	45 384,328	886 167,722	19,526	19,059
17	13	99 035	43 208,618	840 783,394	19,459	18,992
18	14	98 997	41 135,473	797 574,776	19,389	18,923
19	15	98 949	39 157,513	756 439,303	19,318	18,851
20	16	98 895	37 272,634	717 281,790	19,244	18,778
21	17	98 837	35 476,740	680 009,156	19,168	18,701
22	18	98 778	33 767,317	644 532,416	19,087	18,621
23	19	98 714	32 138,299	610 765,100	19,004	18,538
24	20	98 649	30 587,943	578 626,801	18,917	18,450
25	21	98 583	29 111,900	548 038,858	18,825	18,359
26	22	98 519	27 707,691	518 926,958	18,729	18,262
27	23	98 456	26 371,210	491 219,267	18,627	18,161
28	24	98 382	25 096,738	464 848,057	18,522	18,056
29	25	98 315	23 885,293	439 751,319	18,411	17,945
30	26	98 240	22 730,633	415 866,026	18,295	17,829
31	27	98 165	21 631,541	393 135,393	18,174	17,708
32	28	98 076	20 582,790	371 503,852	18,049	17,583
33	29	97 983	19 584,039	350 921,062	17,919	17,452
34	30	97 888	18 633,399	331 337,023	17,782	17,315
35	31	97 780	17 726,539	312 703,624	17,640	17,174
36	32	97 662	16 862,046	294 977,086	17,494	17,027
37	33	97 541	16 039,275	278 115,039	17,340	16,873
38	34	97 415	15 255,753	262 075,765	17,179	16,712
39	35	97 275	14 508,364	246 820,012	17,012	16,546
40	36	97 130	13 796,854	232 311,648	16,838	16,372
41	37	96 962	13 117,195	218 514,794	16,659	16,192
42	38	96 789	12 470,278	205 397,599	16,471	16,005
43	39	96 588	11 851,814	192 927,321	16,278	15,812
44	40	96 373	11 262,244	181 075,507	16,078	15,612
45	41	96 134	10 699,421	169 813,263	15,871	15,405
46	42	95 865	10 161,336	159 113,842	15,659	15,192
47	43	95 576	9 648,307	148 952,506	15,438	14,972
48	44	95 252	9 157,774	139 304,200	15,212	14,745
49	45	94 890	8 688,529	130 146,426	14,979	14,513
50	46	94 487	8 239,578	121 457,896	14,741	14,274
51	47	94 035	7 809,684	113 218,318	14,497	14,031
52	48	93 537	7 398,456	105 408,634	14,247	13,781
53	49	92 974	7 003,746	98 010,179	13,994	13,528
54	50	92 343	6 624,952	91 006,433	13,737	13,271
55	51	91 647	6 261,943	84 381,481	13,475	13,009
56	52	90 883	5 913,997	78 119,538	13,209	12,743
57	53	90 040	5 580,172	72 205,541	12,940	12,473
58	54	89 117	5 259,961	66 625,369	12,667	12,200
59	55	88 099	4 952,254	61 365,409	12,391	11,925
60	56	86 995	4 657,321	56 413,154	12,113	11,646
61	57	85 810	4 375,116	51 755,833	11,830	11,363
62	58	84 528	4 104,539	47 380,717	11,543	11,077
63	59	83 135	3 844,649	43 276,178	11,256	10,790
64	60	81 652	3 596,266	39 431,529	10,965	10,498
65	61	80 052	3 357,916	35 835,263	10,672	10,205
66	62	78 381	3 131,254	32 477,346	10,372	9,906
67	63	76 632	2 915,576	29 346,093	10,065	9,599
68	64	74 760	2 708,931	26 430,517	9,757	9,290
69	65	72 827	2 513,232	23 721,586	9,439	8,972
70	66	70 753	2 325,381	21 208,354	9,120	8,654
71	67	68 564	2 146,119	18 882,973	8,799	8,332
72	68	66 243	1 974,738	16 736,854	8,475	8,009
73	69	63 852	1 812,816	14 762,116	8,143	7,677
74	70	61 352	1 658,895	12 949,300	7,806	7,340
75	71	58 730	1 512,397	11 290,405	7,465	6,999
76	72	55 972	1 372,728	9 778,007	7,123	6,657
77	73	53 089	1 240,019	8 405,279	6,778	6,312
78	74	50 111	1 114,720	7 165,260	6,428	5,961
79	75	46 976	995,222	6 050,540	6,080	5,613
80	76	43 671	881,152	5 055,318	5,737	5,271
81	77	40 215	772,785	4 174,166	5,401	4,935
82	78	36 622	670,219	3 401,381	5,075	4,609
83	79	32 931	573,982	2 731,161	4,758	4,292
84	80	29 146	483,821	2 157,180	4,459	3,992
85	81	25 355	400,848	1 673,359	4,175	3,708
86	82	21 632	325,703	1 272,511	3,907	3,441
87	83	18 078	259,222	946,808	3,652	3,186
88	84	14 763	201,614	687,586	3,410	2,944
89	85	11 739	152,682	485,972	3,183	2,717
90	86	9 073	112,385	333,291	2,966	2,499
91	87	6 782	80,008	220,906	2,761	2,295
92	88	4 862	54,625	140,898	2,579	2,113
93	89	3 339	35,724	86,273	2,415	1,949
94	90	2 194	22,359	50,548	2,261	1,794
95	91	1 358	13,182	28,189	2,139	1,672
96	92	808	7,464	15,008	2,011	1,544
97	93	451	3,970	7,543	1,900	1,434
98	94	236	1,979	3,573	1,805	1,339
99	95	115	0,920	1,594	1,732	1,265
100	96	53	0,405	0,673	1,663	1,196

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	78 022,192	1 565 091,305	20,060	19,593
6	1	99 264	74 072,203	1 487 069,112	20,076	19,610
7	2	99 231	70 521,341	1 412 996,909	20,036	19,570
8	3	99 210	67 149,530	1 342 475,568	19,992	19,526
9	4	99 191	63 939,105	1 275 326,037	19,946	19,480
10	5	99 174	60 883,953	1 211 386,932	19,897	19,430
11	6	99 158	57 975,909	1 150 502,979	19,845	19,378
12	7	99 143	55 206,586	1 092 527,070	19,790	19,323
13	8	99 130	52 570,990	1 037 320,484	19,732	19,265
14	9	99 115	50 059,722	984 749,494	19,671	19,205
15	10	99 096	47 667,083	934 689,773	19,609	19,142
16	11	99 076	45 387,709	887 022,690	19,543	19,077
17	12	99 043	43 212,037	841 634,981	19,477	19,010
18	13	99 006	41 138,999	798 422,944	19,408	18,942
19	14	98 959	39 161,622	757 283,945	19,337	18,871
20	15	98 908	37 277,297	718 122,323	19,264	18,798
21	16	98 851	35 481,746	680 845,025	19,189	18,722
22	17	98 793	33 772,261	645 363,279	19,109	18,643
23	18	98 734	32 144,845	611 591,017	19,026	18,560
24	19	98 668	30 593,848	579 446,173	18,940	18,474
25	20	98 601	29 117,292	548 852,324	18,850	18,383
26	21	98 536	27 712,279	519 735,033	18,755	18,288
27	22	98 473	26 375,774	492 022,753	18,654	18,188
28	23	98 404	25 102,185	465 646,979	18,550	18,084
29	24	98 332	23 889,344	440 544,794	18,441	17,975
30	25	98 259	22 734,873	416 655,451	18,327	17,860
31	26	98 184	21 635,750	393 920,578	18,207	17,741
32	27	98 097	20 587,286	372 284,828	18,083	17,617
33	28	98 007	19 588,925	351 697,541	17,954	17,487
34	29	97 913	18 638,222	332 108,617	17,819	17,352
35	30	97 809	17 731,804	313 470,395	17,678	17,212
36	31	97 693	16 867,430	295 738,591	17,533	17,067
37	32	97 575	16 044,843	278 871,160	17,381	16,914
38	33	97 450	15 261,187	262 826,317	17,222	16,755
39	34	97 313	14 514,040	247 565,131	17,057	16,591
40	35	97 169	13 802,409	233 051,090	16,885	16,418
41	36	97 008	13 123,348	219 248,682	16,707	16,240
42	37	96 834	12 476,020	206 125,334	16,522	16,055
43	38	96 645	11 858,759	193 649,314	16,330	15,863
44	39	96 430	11 268,957	181 790,555	16,132	15,666
45	40	96 200	10 706,688	170 521,598	15,927	15,460
46	41	95 938	10 169,094	159 814,910	15,716	15,249
47	42	95 655	9 656,320	149 645,817	15,497	15,031
48	43	95 338	9 166,023	139 989,497	15,273	14,806
49	44	94 987	8 697,401	130 823,474	15,042	14,575
50	45	94 592	8 248,750	122 126,073	14,805	14,339
51	46	94 154	7 819,613	113 877,323	14,563	14,097
52	47	93 672	7 409,077	106 057,710	14,315	13,848
53	48	93 123	7 014,967	98 648,633	14,063	13,596
54	49	92 511	6 636,974	91 633,667	13,807	13,340
55	50	91 828	6 274,308	84 996,692	13,547	13,080
56	51	91 084	5 927,088	78 722,385	13,282	12,815
57	52	90 262	5 593,907	72 795,296	13,013	12,547
58	53	89 362	5 274,376	67 201,390	12,741	12,275
59	54	88 365	4 967,204	61 927,013	12,467	12,001
60	55	87 284	4 672,804	56 959,809	12,190	11,723
61	56	86 121	4 391,006	52 287,005	11,908	11,441
62	57	84 867	4 120,992	47 895,999	11,622	11,156
63	58	83 503	3 861,681	43 775,007	11,336	10,869
64	59	82 048	3 613,721	39 913,327	11,045	10,579
65	60	80 486	3 376,117	36 299,606	10,752	10,285
66	61	78 822	3 148,872	32 923,489	10,456	9,989
67	62	77 100	2 933,401	29 774,617	10,150	9,684
68	63	75 256	2 726,886	26 841,216	9,843	9,377
69	64	73 362	2 531,681	24 114,330	9,525	9,059
70	65	71 325	2 344,163	21 582,649	9,207	8,741
71	66	69 168	2 165,031	19 238,486	8,886	8,420
72	67	66 891	1 994,069	17 073,454	8,562	8,096
73	68	64 511	1 831,525	15 079,385	8,233	7,767
74	69	62 045	1 677,638	13 247,861	7,897	7,430
75	70	59 455	1 531,051	11 570,222	7,557	7,091
76	71	56 732	1 391,359	10 039,171	7,215	6,749
77	72	53 865	1 258,148	8 647,812	6,873	6,407
78	73	50 899	1 132,250	7 389,664	6,527	6,060
79	74	47 794	1 012,545	6 257,414	6,180	5,713
80	75	44 520	898,280	5 244,869	5,839	5,372
81	76	41 113	790,028	4 346,589	5,502	5,035
82	77	37 540	687,018	3 556,560	5,177	4,710
83	78	33 884	590,577	2 869,542	4,859	4,392
84	79	30 139	500,292	2 278,965	4,555	4,089
85	80	26 368	416,859	1 778,673	4,267	3,800
86	81	22 629	340,715	1 361,814	3,997	3,531
87	82	19 036	272,963	1 021,098	3,741	3,274
88	83	15 673	214,046	748,135	3,495	3,029
89	84	12 585	163,685	534,089	3,263	2,797
90	85	9 832	121,790	370,405	3,041	2,575
91	86	7 444	87,815	248,615	2,831	2,365
92	87	5 409	60,775	160,800	2,646	2,179
93	88	3 772	40,359	100,025	2,478	2,012
94	89	2 525	25,727	59,666	2,319	1,853
95	90	1 594	15,470	33,939	2,194	1,727
96	91	970	8,964	18,469	2,060	1,594
97	92	555	4,887	9,504	1,945	1,479
98	93	299	2,503	4,618	1,845	1,378
99	94	151	1,203	2,115	1,757	1,291
100	95	71	0,539	0,911	1,689	1,223

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	74 299,848	1 488 135,737	20,029	19,562
7	1	99 254	70 537,640	1 413 835,890	20,044	19,577
8	2	99 222	67 157,527	1 343 298,250	20,002	19,536
9	3	99 202	63 946,724	1 276 140,723	19,956	19,490
10	4	99 183	60 889,489	1 212 193,999	19,908	19,442
11	5	99 166	57 980,257	1 151 304,510	19,857	19,390
12	6	99 150	55 210,221	1 093 324,253	19,803	19,337
13	7	99 135	52 573,581	1 038 114,032	19,746	19,280
14	8	99 121	50 062,821	985 540,451	19,686	19,220
15	9	99 103	47 670,167	935 477,629	19,624	19,158
16	10	99 082	45 390,398	887 807,462	19,559	19,093
17	11	99 050	43 215,256	842 417,064	19,494	19,027
18	12	99 014	41 142,254	799 201,808	19,425	18,959
19	13	98 968	39 164,980	758 059,554	19,356	18,889
20	14	98 918	37 281,210	718 894,574	19,283	18,817
21	15	98 863	35 486,186	681 613,365	19,208	18,741
22	16	98 807	33 777,027	646 127,179	19,129	18,663
23	17	98 748	32 149,552	612 350,151	19,047	18,581
24	18	98 688	30 600,079	580 200,599	18,961	18,494
25	19	98 621	29 122,913	549 600,520	18,872	18,405
26	20	98 554	27 717,412	520 477,607	18,778	18,312
27	21	98 489	26 380,142	492 760,195	18,679	18,213
28	22	98 421	25 106,529	466 380,053	18,576	18,110
29	23	98 353	23 894,528	441 273,524	18,468	18,001
30	24	98 275	22 738,728	417 378,995	18,355	17,889
31	25	98 202	21 639,785	394 640,267	18,237	17,770
32	26	98 116	20 591,293	373 000,482	18,114	17,648
33	27	98 028	19 593,204	352 409,189	17,986	17,520
34	28	97 937	18 642,872	332 815,984	17,852	17,386
35	29	97 834	17 736,394	314 173,113	17,713	17,247
36	30	97 722	16 872,440	296 436,719	17,569	17,103
37	31	97 606	16 049,966	279 564,279	17,418	16,952
38	32	97 484	15 266,485	263 514,313	17,261	16,795
39	33	97 348	14 519,210	248 247,828	17,098	16,631
40	34	97 207	13 807,809	233 728,618	16,927	16,461
41	35	97 047	13 128,632	219 920,809	16,751	16,285
42	36	96 879	12 481,872	206 792,177	16,567	16,101
43	37	96 689	11 864,219	194 310,305	16,378	15,911
44	38	96 487	11 275,561	182 446,086	16,181	15,714
45	39	96 257	10 713,069	171 170,525	15,978	15,511
46	40	96 003	10 176,000	160 457,456	15,768	15,302
47	41	95 728	9 663,692	150 281,456	15,551	15,085
48	42	95 417	9 173,635	140 617,764	15,328	14,862
49	43	95 073	8 705,235	131 444,129	15,099	14,633
50	44	94 688	8 257,173	122 738,894	14,865	14,398
51	45	94 259	7 828,317	114 481,721	14,624	14,158
52	46	93 791	7 418,496	106 653,404	14,377	13,910
53	47	93 257	7 025,037	99 234,907	14,126	13,659
54	48	92 659	6 647,608	92 209,870	13,871	13,405
55	49	91 995	6 285,694	85 562,262	13,612	13,146
56	50	91 264	5 938,792	79 276,568	13,349	12,883
57	51	90 462	5 606,290	73 337,776	13,081	12,615
58	52	89 581	5 287,358	67 731,487	12,810	12,344
59	53	88 607	4 980,817	62 444,128	12,537	12,071
60	54	87 548	4 686,910	57 463,311	12,260	11,794
61	55	86 408	4 405,604	52 776,401	11,979	11,513
62	56	85 175	4 135,959	48 370,797	11,695	11,229
63	57	83 838	3 877,159	44 234,838	11,409	10,943
64	58	82 412	3 629,730	40 357,679	11,119	10,652
65	59	80 877	3 392,503	36 727,949	10,826	10,360
66	60	79 249	3 165,940	33 335,446	10,529	10,063
67	61	77 534	2 949,906	30 169,506	10,227	9,761
68	62	75 716	2 743,557	27 219,600	9,921	9,455
69	63	73 848	2 548,461	24 476,043	9,604	9,138
70	64	71 848	2 361,371	21 927,582	9,286	8,820
71	65	69 727	2 182,518	19 566,210	8,965	8,499
72	66	67 481	2 011,642	17 383,692	8,642	8,175
73	67	65 142	1 849,454	15 372,051	8,312	7,845
74	68	62 685	1 694,952	13 522,596	7,978	7,512
75	69	60 127	1 548,349	11 827,645	7,639	7,172
76	70	57 431	1 408,520	10 279,295	7,298	6,832
77	71	54 596	1 275,224	8 870,775	6,956	6,490
78	72	51 643	1 148,803	7 595,551	6,612	6,145
79	73	48 545	1 028,468	6 446,748	6,268	5,802
80	74	45 295	913,916	5 418,279	5,929	5,462
81	75	41 912	805,385	4 504,363	5,593	5,126
82	76	38 377	702,348	3 698,978	5,267	4,800
83	77	34 733	605,380	2 996,631	4,950	4,484
84	78	31 010	514,757	2 391,251	4,645	4,179
85	79	27 266	431,050	1 876,494	4,353	3,887
86	80	23 533	354,324	1 445,443	4,079	3,613
87	81	19 913	285,545	1 091,119	3,821	3,355
88	82	16 504	225,393	805,574	3,574	3,108
89	83	13 361	173,778	580,181	3,339	2,872
90	84	10 541	130,567	406,403	3,113	2,646
91	85	8 067	95,164	275,837	2,899	2,432
92	86	5 937	66,706	180,673	2,709	2,242
93	87	4 196	44,902	113,967	2,538	2,072
94	88	2 852	29,065	69,065	2,376	1,910
95	89	1 834	17,801	40,001	2,247	1,781
96	90	1 138	10,521	22,200	2,110	1,644
97	91	667	5,869	11,679	1,990	1,524
98	92	367	3,081	5,810	1,886	1,420
99	93	191	1,522	2,730	1,794	1,327
100	94	93	0,705	1,208	1,713	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	70 754,421	1 414 821,824	19,996	19,530
8	1	99 245	67 173,048	1 344 067,402	20,009	19,543
9	2	99 214	63 954,339	1 276 894,354	19,966	19,499
10	3	99 194	60 896,744	1 212 940,015	19,918	19,452
11	4	99 175	57 985,530	1 152 043,271	19,868	19,401
12	5	99 157	55 214,361	1 094 057,741	19,815	19,348
13	6	99 142	52 577,042	1 038 843,379	19,758	19,292
14	7	99 126	50 065,289	986 266,337	19,700	19,233
15	8	99 109	47 673,119	936 201,048	19,638	19,172
16	9	99 088	45 393,336	888 527,929	19,574	19,108
17	10	99 056	43 217,817	843 134,593	19,509	19,043
18	11	99 021	41 145,319	799 916,776	19,441	18,975
19	12	98 976	39 168,078	758 771,458	19,372	18,906
20	13	98 927	37 284,406	719 603,379	19,300	18,834
21	14	98 874	35 489,910	682 318,974	19,226	18,759
22	15	98 819	33 781,254	646 829,064	19,148	18,681
23	16	98 762	32 154,089	613 047,810	19,066	18,600
24	17	98 703	30 604,561	580 893,721	18,981	18,514
25	18	98 641	29 128,845	550 289,161	18,892	18,425
26	19	98 573	27 722,763	521 160,316	18,799	18,333
27	20	98 507	26 385,027	493 437,553	18,701	18,235
28	21	98 437	25 110,687	467 052,525	18,600	18,133
29	22	98 370	23 898,664	441 941,839	18,492	18,026
30	23	98 297	22 743,663	418 043,175	18,381	17,914
31	24	98 219	21 643,455	395 299,511	18,264	17,798
32	25	98 135	20 595,133	373 656,056	18,143	17,677
33	26	98 048	19 597,017	353 060,923	18,016	17,550
34	27	97 959	18 646,945	333 463,905	17,883	17,417
35	28	97 859	17 740,818	314 816,961	17,745	17,279
36	29	97 747	16 876,808	297 076,143	17,603	17,136
37	30	97 635	16 054,733	280 199,335	17,453	16,986
38	31	97 515	15 271,360	264 144,602	17,297	16,830
39	32	97 381	14 524,250	248 873,242	17,135	16,669
40	33	97 241	13 812,727	234 348,992	16,966	16,500
41	34	97 085	13 133,769	220 536,265	16,792	16,325
42	35	96 918	12 486,898	207 402,496	16,610	16,143
43	36	96 735	11 869,784	194 915,598	16,421	15,955
44	37	96 531	11 280,752	183 045,814	16,226	15,760
45	38	96 313	10 719,347	171 765,062	16,024	15,557
46	39	96 060	10 182,066	161 045,714	15,817	15,350
47	40	95 793	9 670,255	150 863,649	15,601	15,134
48	41	95 490	9 180,638	141 193,394	15,379	14,913
49	42	95 152	8 712,465	132 012,755	15,152	14,686
50	43	94 774	8 264,610	123 300,290	14,919	14,453
51	44	94 355	7 836,311	115 035,680	14,680	14,213
52	45	93 895	7 426,755	107 199,369	14,434	13,968
53	46	93 376	7 033,969	99 772,615	14,184	13,718
54	47	92 792	6 657,151	92 738,646	13,931	13,464
55	48	92 142	6 295,765	86 081,495	13,673	13,207
56	49	91 429	5 949,569	79 785,730	13,410	12,944
57	50	90 640	5 617,360	73 836,161	13,144	12,678
58	51	89 780	5 299,063	68 218,802	12,874	12,407
59	52	88 825	4 993,077	62 919,739	12,601	12,135
60	53	87 788	4 699,755	57 926,662	12,325	11,859
61	54	86 669	4 418,903	53 226,907	12,045	11,579
62	55	85 458	4 149,709	48 808,004	11,762	11,295
63	56	84 142	3 891,241	44 658,295	11,477	11,010
64	57	82 742	3 644,279	40 767,054	11,187	10,720
65	58	81 235	3 407,532	37 122,775	10,894	10,428
66	59	79 634	3 181,305	33 715,243	10,598	10,132
67	60	77 954	2 965,895	30 533,938	10,295	9,829
68	61	76 142	2 758,994	27 568,042	9,992	9,526
69	62	74 300	2 564,042	24 809,048	9,676	9,209
70	63	72 324	2 377,023	22 245,006	9,358	8,892
71	64	70 238	2 198,540	19 867,984	9,037	8,570
72	65	68 026	2 027,890	17 669,444	8,713	8,247
73	66	65 716	1 865,752	15 641,554	8,384	7,917
74	67	63 299	1 711,544	13 775,802	8,049	7,582
75	68	60 747	1 564,329	12 064,258	7,712	7,246
76	69	58 080	1 424,434	10 499,929	7,371	6,905
77	70	55 270	1 290,953	9 075,495	7,030	6,564
78	71	52 344	1 164,395	7 784,543	6,685	6,219
79	72	49 255	1 043,505	6 620,148	6,344	5,878
80	73	46 007	928,288	5 576,643	6,007	5,541
81	74	42 641	819,404	4 648,355	5,673	5,206
82	75	39 123	716,000	3 828,951	5,348	4,881
83	76	35 508	618,888	3 112,951	5,030	4,564
84	77	31 787	527,659	2 494,063	4,727	4,260
85	78	28 054	443,513	1 966,404	4,434	3,967
86	79	24 334	366,387	1 522,891	4,157	3,690
87	80	20 709	296,950	1 156,504	3,895	3,428
88	81	17 265	235,782	859,553	3,646	3,179
89	82	14 069	182,990	623,772	3,409	2,942
90	83	11 191	138,618	440,782	3,180	2,713
91	84	8 648	102,022	302,164	2,962	2,495
92	85	6 434	72,288	200,142	2,769	2,302
93	86	4 606	49,284	127,854	2,594	2,128
94	87	3 173	32,337	78,570	2,430	1,963
95	88	2 072	20,110	46,234	2,299	1,833
96	89	1 310	12,106	26,124	2,158	1,692
97	90	782	6,888	14,018	2,035	1,569
98	91	441	3,700	7,131	1,927	1,461
99	92	235	1,873	3,431	1,831	1,365
100	93	117	0,892	1,558	1,747	1,280

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	67 379,489	1 344 978,726	19,961	19,495
9	1	99 237	63 969,120	1 277 599,236	19,972	19,506
10	2	99 206	60 903,997	1 213 630,116	19,927	19,461
11	3	99 187	57 992,439	1 152 726,120	19,877	19,411
12	4	99 166	55 219,383	1 094 733,681	19,825	19,359
13	5	99 149	52 580,986	1 039 514,298	19,770	19,303
14	6	99 132	50 068,585	986 933,313	19,712	19,245
15	7	99 114	47 675,469	936 864,727	19,651	19,184
16	8	99 094	45 396,146	889 189,258	19,587	19,121
17	9	99 062	43 220,613	843 793,112	19,523	19,057
18	10	99 027	41 147,757	800 572,499	19,456	18,990
19	11	98 983	39 170,996	759 424,742	19,387	18,921
20	12	98 934	37 287,356	720 253,746	19,316	18,850
21	13	98 882	35 492,952	682 966,391	19,242	18,776
22	14	98 829	33 784,799	647 473,438	19,165	18,698
23	15	98 774	32 158,112	613 688,639	19,083	18,617
24	16	98 717	30 608,880	581 530,527	18,999	18,532
25	17	98 655	29 133,111	550 921,648	18,910	18,444
26	18	98 593	27 728,410	521 788,537	18,818	18,351
27	19	98 526	26 390,121	494 060,127	18,721	18,255
28	20	98 455	25 115,337	467 670,006	18,621	18,154
29	21	98 386	23 902,621	442 554,669	18,515	18,048
30	22	98 314	22 747,600	418 652,048	18,404	17,938
31	23	98 240	21 648,153	395 904,448	18,288	17,822
32	24	98 151	20 598,626	374 256,295	18,169	17,703
33	25	98 066	19 600,672	353 657,669	18,043	17,577
34	26	97 978	18 650,573	334 056,997	17,911	17,445
35	27	97 880	17 744,694	315 406,424	17,775	17,308
36	28	97 772	16 881,018	297 661,730	17,633	17,167
37	29	97 661	16 058,889	280 780,712	17,484	17,018
38	30	97 544	15 275,895	264 721,823	17,329	16,863
39	31	97 413	14 528,888	249 445,927	17,169	16,703
40	32	97 275	13 817,523	234 917,040	17,001	16,535
41	33	97 119	13 138,446	221 099,517	16,828	16,362
42	34	96 956	12 491,783	207 961,070	16,648	16,181
43	35	96 774	11 874,564	195 469,287	16,461	15,995
44	36	96 576	11 286,044	183 594,723	16,267	15,801
45	37	96 358	10 724,283	172 308,679	16,067	15,601
46	38	96 117	10 188,032	161 584,397	15,860	15,394
47	39	95 850	9 676,019	151 396,364	15,647	15,180
48	40	95 555	9 186,874	141 720,345	15,426	14,960
49	41	95 224	8 719,116	132 533,472	15,200	14,734
50	42	94 852	8 271,474	123 814,355	14,969	14,502
51	43	94 440	7 843,369	115 542,881	14,731	14,265
52	44	93 991	7 434,338	107 699,512	14,487	14,020
53	45	93 480	7 041,799	100 265,174	14,239	13,772
54	46	92 910	6 665,614	93 223,375	13,986	13,519
55	47	92 275	6 304,803	86 557,761	13,729	13,262
56	48	91 576	5 959,101	80 252,958	13,467	13,001
57	49	90 805	5 627,554	74 293,857	13,202	12,735
58	50	89 957	5 309,526	68 666,303	12,933	12,466
59	51	89 022	5 004,130	63 356,777	12,661	12,194
60	52	88 004	4 711,323	58 352,647	12,386	11,919
61	53	86 906	4 431,014	53 641,324	12,106	11,639
62	54	85 716	4 162,236	49 210,311	11,823	11,357
63	55	84 422	3 904,178	45 048,075	11,538	11,072
64	56	83 043	3 657,515	41 143,898	11,249	10,783
65	57	81 561	3 421,190	37 486,383	10,957	10,491
66	58	79 987	3 195,399	34 065,192	10,661	10,194
67	59	78 332	2 980,290	30 869,794	10,358	9,892
68	60	76 555	2 773,949	27 889,503	10,054	9,588
69	61	74 718	2 578,469	25 115,555	9,740	9,274
70	62	72 766	2 391,555	22 537,086	9,424	8,957
71	63	70 704	2 213,112	20 145,531	9,103	8,636
72	64	68 525	2 042,776	17 932,419	8,778	8,312
73	65	66 247	1 880,822	15 889,643	8,448	7,982
74	66	63 857	1 726,627	14 008,822	8,113	7,647
75	67	61 342	1 579,642	12 282,195	7,775	7,309
76	68	58 680	1 439,134	10 702,552	7,437	6,970
77	69	55 894	1 305,538	9 263,418	7,095	6,629
78	70	52 989	1 178,756	7 957,880	6,751	6,285
79	71	49 923	1 057,667	6 779,123	6,410	5,943
80	72	46 680	941,860	5 721,456	6,075	5,608
81	73	43 312	832,290	4 779,596	5,743	5,276
82	74	39 804	728,463	3 947,306	5,419	4,952
83	75	36 198	630,918	3 218,843	5,102	4,635
84	76	32 497	539,433	2 587,925	4,797	4,331
85	77	28 757	454,630	2 048,492	4,506	4,039
86	78	25 038	376,980	1 593,863	4,228	3,762
87	79	21 414	307,060	1 216,882	3,963	3,497
88	80	17 955	245,199	909,823	3,711	3,244
89	81	14 718	191,425	664,623	3,472	3,006
90	82	11 784	145,966	473,199	3,242	2,775
91	83	9 181	108,313	327,233	3,021	2,555
92	84	6 898	77,497	218,920	2,825	2,358
93	85	4 991	53,408	141,423	2,648	2,182
94	86	3 483	35,492	88,014	2,480	2,013
95	87	2 305	22,374	52,522	2,347	1,881
96	88	1 480	13,676	30,148	2,204	1,738
97	89	900	7,925	16,472	2,079	1,612
98	90	518	4,342	8,547	1,968	1,502
99	91	282	2,250	4,205	1,869	1,403
100	92	144	1,098	1,955	1,781	1,315

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9	0	99 542	64 165,715	1 278 441,647	19,924	19,458
10	1	99 229	60 918,072	1 214 275,933	19,933	19,467
11	2	99 199	57 999,346	1 153 357,860	19,886	19,419
12	3	99 178	55 225,962	1 095 358,515	19,834	19,368
13	4	99 158	52 585,767	1 040 132,553	19,780	19,313
14	5	99 140	50 072,340	987 546,786	19,722	19,256
15	6	99 120	47 678,608	937 474,445	19,662	19,196
16	7	99 099	45 398,384	889 795,838	19,600	19,133
17	8	99 069	43 223,289	844 397,454	19,536	19,069
18	9	99 033	41 150,420	801 174,164	19,469	19,003
19	10	98 989	39 173,317	760 023,745	19,402	18,935
20	11	98 942	37 290,133	720 850,428	19,331	18,864
21	12	98 890	35 495,761	683 560,295	19,258	18,791
22	13	98 838	33 787,695	648 064,534	19,180	18,714
23	14	98 785	32 161,487	614 276,839	19,100	18,633
24	15	98 729	30 612,709	582 115,352	19,015	18,549
25	16	98 669	29 137,222	551 502,643	18,928	18,461
26	17	98 608	27 732,470	522 365,421	18,836	18,369
27	18	98 546	26 395,496	494 632,950	18,739	18,273
28	19	98 474	25 120,186	468 237,454	18,640	18,173
29	20	98 405	23 907,048	443 117,268	18,535	18,069
30	21	98 330	22 751,366	419 210,220	18,426	17,959
31	22	98 257	21 651,900	396 458,853	18,311	17,844
32	23	98 173	20 603,097	374 806,954	18,192	17,725
33	24	98 082	19 603,996	354 203,857	18,068	17,602
34	25	97 996	18 654,052	334 599,861	17,937	17,471
35	26	97 899	17 748,147	315 945,809	17,802	17,335
36	27	97 793	16 884,706	298 197,662	17,661	17,194
37	28	97 685	16 062,895	281 312,956	17,513	17,047
38	29	97 569	15 279,850	265 250,061	17,359	16,893
39	30	97 442	14 533,203	249 970,212	17,200	16,734
40	31	97 306	13 821,935	235 437,008	17,034	16,567
41	32	97 153	13 143,008	221 615,074	16,862	16,395
42	33	96 991	12 496,233	208 472,066	16,683	16,216
43	34	96 812	11 879,210	195 975,833	16,497	16,031
44	35	96 615	11 290,588	184 096,623	16,305	15,839
45	36	96 403	10 729,313	172 806,035	16,106	15,640
46	37	96 161	10 192,723	162 076,722	15,901	15,435
47	38	95 907	9 681,689	151 883,999	15,688	15,221
48	39	95 612	9 192,350	142 202,310	15,470	15,003
49	40	95 289	8 725,038	133 009,960	15,245	14,778
50	41	94 925	8 277,789	124 284,922	15,014	14,548
51	42	94 519	7 849,883	116 007,133	14,778	14,312
52	43	94 076	7 441,034	108 157,250	14,535	14,069
53	44	93 575	7 048,989	100 716,216	14,288	13,822
54	45	93 013	6 673,035	93 667,226	14,037	13,570
55	46	92 392	6 312,818	86 994,192	13,781	13,314
56	47	91 707	5 967,656	80 681,374	13,520	13,053
57	48	90 950	5 636,570	74 713,717	13,255	12,789
58	49	90 120	5 319,162	69 077,148	12,986	12,520
59	50	89 198	5 014,011	63 757,986	12,716	12,250
60	51	88 198	4 721,752	58 743,975	12,441	11,975
61	52	87 120	4 441,920	54 022,224	12,162	11,696
62	53	85 951	4 173,643	49 580,304	11,879	11,413
63	54	84 677	3 915,963	45 406,661	11,595	11,129
64	55	83 319	3 669,674	41 490,698	11,306	10,840
65	56	81 857	3 433,616	37 821,024	11,015	10,549
66	57	80 307	3 208,207	34 387,408	10,719	10,252
67	58	78 679	2 993,493	31 179,201	10,416	9,949
68	59	76 926	2 787,412	28 185,708	10,112	9,645
69	60	75 123	2 592,445	25 398,296	9,797	9,331
70	61	73 176	2 405,012	22 805,851	9,483	9,016
71	62	71 136	2 226,642	20 400,839	9,162	8,696
72	63	68 979	2 056,316	18 174,197	8,838	8,372
73	64	66 733	1 894,628	16 117,882	8,507	8,041
74	65	64 372	1 740,573	14 223,253	8,172	7,705
75	66	61 882	1 593,563	12 482,681	7,833	7,367
76	67	59 254	1 453,222	10 889,118	7,493	7,027
77	68	56 471	1 319,012	9 435,895	7,154	6,687
78	69	53 588	1 192,075	8 116,884	6,809	6,343
79	70	50 539	1 070,712	6 924,809	6,467	6,001
80	71	47 313	954,643	5 854,097	6,132	5,666
81	72	43 945	844,458	4 899,454	5,802	5,335
82	73	40 430	739,919	4 054,996	5,480	5,014
83	74	36 828	641,900	3 315,077	5,164	4,698
84	75	33 128	549,919	2 673,177	4,861	4,395
85	76	29 399	464,774	2 123,259	4,568	4,102
86	77	25 665	386,429	1 658,485	4,292	3,825
87	78	22 033	315,938	1 272,056	4,026	3,560
88	79	18 566	253,547	956,118	3,771	3,305
89	80	15 306	199,071	702,571	3,529	3,063
90	81	12 327	152,694	503,500	3,297	2,831
91	82	9 668	114,054	350,806	3,076	2,609
92	83	7 323	82,276	236,752	2,878	2,411
93	84	5 351	57,257	154,476	2,698	2,232
94	85	3 774	38,462	97,219	2,528	2,061
95	86	2 530	24,557	58,756	2,393	1,926
96	87	1 646	15,216	34,199	2,248	1,781
97	88	1 017	8,953	18,984	2,120	1,654
98	89	596	4,996	10,030	2,008	1,541
99	90	331	2,640	5,034	1,907	1,440
100	91	173	1,318	2,394	1,816	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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9						
10	0	99 534	61 105,290	1 215 054,747	19,885	19,418
11	1	99 221	58 012,750	1 153 949,457	19,891	19,425
12	2	99 190	55 232,539	1 095 936,707	19,842	19,376
13	3	99 170	52 592,033	1 040 704,168	19,788	19,322
14	4	99 149	50 076,894	988 112,135	19,732	19,265
15	5	99 128	47 682,183	938 035,241	19,673	19,206
16	6	99 106	45 401,373	890 353,058	19,611	19,144
17	7	99 073	43 225,420	844 951,685	19,548	19,081
18	8	99 040	41 152,967	801 726,265	19,482	19,015
19	9	98 995	39 175,852	760 573,297	19,414	18,948
20	10	98 948	37 292,343	721 397,445	19,344	18,878
21	11	98 897	35 498,405	684 105,102	19,271	18,805
22	12	98 846	33 790,368	648 606,698	19,195	18,729
23	13	98 793	32 164,244	614 816,329	19,115	18,648
24	14	98 739	30 615,922	582 652,085	19,031	18,565
25	15	98 681	29 140,868	552 036,163	18,944	18,477
26	16	98 622	27 736,384	522 895,296	18,852	18,386
27	17	98 561	26 399,362	495 158,912	18,756	18,290
28	18	98 494	25 125,303	468 759,550	18,657	18,190
29	19	98 424	23 911,664	443 634,247	18,553	18,087
30	20	98 348	22 755,580	419 722,584	18,445	17,978
31	21	98 273	21 655,485	396 967,004	18,331	17,865
32	22	98 190	20 606,663	375 311,519	18,213	17,747
33	23	98 104	19 608,251	354 704,856	18,090	17,623
34	24	98 013	18 657,215	335 096,605	17,961	17,494
35	25	97 917	17 751,457	316 439,390	17,826	17,360
36	26	97 812	16 887,992	298 687,933	17,686	17,220
37	27	97 706	16 066,404	281 799,941	17,540	17,073
38	28	97 593	15 283,661	265 733,537	17,387	16,920
39	29	97 467	14 536,965	250 449,875	17,228	16,762
40	30	97 335	13 826,040	235 912,910	17,063	16,597
41	31	97 184	13 147,204	222 086,870	16,892	16,426
42	32	97 024	12 500,571	208 939,666	16,714	16,248
43	33	96 846	11 883,441	196 439,095	16,530	16,064
44	34	96 653	11 295,006	184 555,654	16,340	15,873
45	35	96 442	10 733,633	173 260,649	16,142	15,675
46	36	96 206	10 197,504	162 527,015	15,938	15,472
47	37	95 951	9 686,147	152 329,511	15,727	15,260
48	38	95 668	9 197,736	142 643,364	15,509	15,042
49	39	95 346	8 730,239	133 445,628	15,285	14,819
50	40	94 989	8 283,411	124 715,389	15,056	14,590
51	41	94 591	7 855,876	116 431,978	14,821	14,355
52	42	94 154	7 447,214	108 576,102	14,579	14,113
53	43	93 659	7 055,338	101 128,888	14,334	13,867
54	44	93 108	6 679,848	94 073,549	14,083	13,617
55	45	92 495	6 319,846	87 393,701	13,828	13,362
56	46	91 824	5 975,243	81 073,855	13,568	13,102
57	47	91 081	5 644,662	75 098,612	13,304	12,838
58	48	90 265	5 327,684	69 453,951	13,036	12,570
59	49	89 360	5 023,110	64 126,267	12,766	12,300
60	50	88 373	4 731,075	59 103,157	12,493	12,026
61	51	87 313	4 451,753	54 372,082	12,214	11,747
62	52	86 163	4 183,916	49 920,329	11,931	11,465
63	53	84 909	3 926,695	45 736,414	11,648	11,181
64	54	83 570	3 680,752	41 809,718	11,359	10,893
65	55	82 129	3 445,031	38 128,966	11,068	10,601
66	56	80 599	3 219,859	34 683,935	10,772	10,305
67	57	78 995	3 005,492	31 464,076	10,469	10,002
68	58	77 267	2 799,760	28 458,585	10,165	9,698
69	59	75 487	2 605,027	25 658,824	9,850	9,383
70	60	73 573	2 418,047	23 053,797	9,534	9,068
71	61	71 536	2 239,170	20 635,750	9,216	8,749
72	62	69 401	2 068,887	18 396,579	8,892	8,426
73	63	67 176	1 907,186	16 327,692	8,561	8,095
74	64	64 845	1 753,350	14 420,506	8,225	7,758
75	65	62 382	1 606,434	12 667,156	7,885	7,419
76	66	59 776	1 466,029	11 060,722	7,545	7,078
77	67	57 024	1 331,924	9 594,693	7,204	6,737
78	68	54 141	1 204,377	8 262,769	6,861	6,394
79	69	51 110	1 082,810	7 058,392	6,519	6,052
80	70	47 897	966,417	5 975,582	6,183	5,717
81	71	44 542	855,919	5 009,165	5,852	5,386
82	72	41 021	750,736	4 153,246	5,532	5,066
83	73	37 407	651,994	3 402,510	5,219	4,752
84	74	33 705	559,491	2 750,515	4,916	4,450
85	75	29 970	473,808	2 191,025	4,624	4,158
86	76	26 238	395,052	1 717,216	4,347	3,880
87	77	22 585	323,857	1 322,165	4,083	3,616
88	78	19 103	260,878	998,308	3,827	3,360
89	79	15 827	205,848	737,431	3,582	3,116
90	80	12 819	158,793	531,583	3,348	2,881
91	81	10 114	119,312	372,790	3,125	2,658
92	82	7 711	86,637	253,478	2,926	2,459
93	83	5 681	60,788	166,841	2,745	2,278
94	84	4 046	41,234	106,053	2,572	2,106
95	85	2 742	26,612	64,819	2,436	1,969
96	86	1 807	16,700	38,207	2,288	1,821
97	87	1 132	9,961	21,506	2,159	1,693
98	88	673	5,645	11,545	2,045	1,579
99	89	380	3,038	5,901	1,942	1,476
100	90	203	1,547	2,863	1,850	1,384

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	58 191,039	1 154 669,614	19,843	19,376
12	1	99 213	55 245,304	1 096 478,575	19,847	19,381
13	2	99 182	52 598,296	1 041 233,271	19,796	19,330
14	3	99 161	50 082,861	988 634,975	19,740	19,274
15	4	99 137	47 686,520	938 552,114	19,682	19,215
16	5	99 113	45 404,778	890 865,594	19,621	19,154
17	6	99 080	43 228,266	845 460,817	19,558	19,092
18	7	99 044	41 154,996	802 232,551	19,493	19,027
19	8	99 002	39 178,278	761 077,555	19,426	18,960
20	9	98 954	37 294,756	721 899,277	19,357	18,890
21	10	98 903	35 500,508	684 604,521	19,284	18,818
22	11	98 853	33 792,885	649 104,013	19,208	18,742
23	12	98 801	32 166,789	615 311,127	19,129	18,662
24	13	98 748	30 618,547	583 144,338	19,045	18,579
25	14	98 692	29 143,926	552 525,792	18,959	18,492
26	15	98 634	27 739,854	523 381,866	18,868	18,401
27	16	98 575	26 403,087	495 642,012	18,772	18,306
28	17	98 509	25 128,982	469 238,924	18,673	18,207
29	18	98 444	23 916,534	444 109,943	18,569	18,103
30	19	98 367	22 759,973	420 193,409	18,462	17,996
31	20	98 292	21 659,495	397 433,435	18,349	17,883
32	21	98 206	20 610,075	375 773,940	18,233	17,766
33	22	98 121	19 611,645	355 163,865	18,110	17,643
34	23	98 034	18 661,265	335 552,220	17,981	17,515
35	24	97 934	17 754,468	316 890,956	17,849	17,382
36	25	97 830	16 891,141	299 136,488	17,710	17,243
37	26	97 725	16 069,531	282 245,347	17,564	17,098
38	27	97 615	15 287,000	266 175,816	17,412	16,946
39	28	97 491	14 540,592	250 888,815	17,254	16,788
40	29	97 360	13 829,619	236 348,224	17,090	16,624
41	30	97 213	13 151,109	222 518,605	16,920	16,454
42	31	97 055	12 504,562	209 367,496	16,743	16,277
43	32	96 880	11 887,566	196 862,933	16,560	16,094
44	33	96 687	11 299,029	184 975,367	16,371	15,905
45	34	96 480	10 737,833	173 676,338	16,174	15,708
46	35	96 245	10 201,610	162 938,505	15,972	15,505
47	36	95 996	9 690,690	152 736,895	15,761	15,295
48	37	95 712	9 201,971	143 046,204	15,545	15,079
49	38	95 402	8 735,355	133 844,233	15,322	14,856
50	39	95 046	8 288,348	125 108,879	15,095	14,628
51	40	94 655	7 861,211	116 820,530	14,860	14,394
52	41	94 226	7 452,900	108 959,319	14,620	14,153
53	42	93 737	7 061,198	101 506,419	14,375	13,909
54	43	93 192	6 685,865	94 445,221	14,126	13,660
55	44	92 589	6 326,299	87 759,356	13,872	13,406
56	45	91 926	5 981,895	81 433,057	13,613	13,147
57	46	91 197	5 651,838	75 451,162	13,350	12,883
58	47	90 394	5 335,332	69 799,325	13,082	12,616
59	48	89 503	5 031,158	64 463,993	12,813	12,347
60	49	88 533	4 739,661	59 432,835	12,539	12,073
61	50	87 485	4 460,543	54 693,174	12,262	11,795
62	51	86 353	4 193,177	50 232,631	11,980	11,513
63	52	85 118	3 936,360	46 039,454	11,696	11,230
64	53	83 799	3 690,839	42 103,093	11,407	10,941
65	54	82 377	3 455,431	38 412,254	11,116	10,650
66	55	80 867	3 230,563	34 956,824	10,821	10,354
67	56	79 282	3 016,408	31 726,260	10,518	10,051
68	57	77 577	2 810,983	28 709,852	10,213	9,747
69	58	75 822	2 616,568	25 898,870	9,898	9,432
70	59	73 930	2 429,783	23 282,302	9,582	9,116
71	60	71 924	2 251,307	20 852,519	9,262	8,796
72	61	69 792	2 080,528	18 601,212	8,941	8,474
73	62	67 586	1 918,846	16 520,684	8,610	8,143
74	63	65 275	1 764,971	14 601,837	8,273	7,807
75	64	62 840	1 618,226	12 836,866	7,933	7,466
76	65	60 259	1 477,870	11 218,640	7,591	7,125
77	66	57 526	1 343,661	9 740,770	7,249	6,783
78	67	54 671	1 216,167	8 397,108	6,905	6,438
79	68	51 638	1 093,984	7 180,941	6,564	6,098
80	69	48 438	977,336	6 086,957	6,228	5,762
81	70	45 091	866,476	5 109,621	5,897	5,431
82	71	41 578	760,926	4 243,145	5,576	5,110
83	72	37 954	661,526	3 482,219	5,264	4,798
84	73	34 235	568,289	2 820,693	4,963	4,497
85	74	30 492	482,056	2 252,404	4,672	4,206
86	75	26 748	402,731	1 770,348	4,396	3,929
87	76	23 089	331,083	1 367,617	4,131	3,664
88	77	19 582	267,416	1 036,534	3,876	3,410
89	78	16 284	211,799	769,118	3,631	3,165
90	79	13 256	164,199	557,319	3,394	2,928
91	80	10 518	124,077	393,120	3,168	2,702
92	81	8 067	90,631	269,043	2,969	2,502
93	82	5 982	64,010	178,412	2,787	2,321
94	83	4 296	43,777	114,402	2,613	2,147
95	84	2 940	28,530	70,625	2,475	2,009
96	85	1 958	18,098	42,095	2,326	1,860
97	86	1 242	10,933	23,997	2,195	1,728
98	87	749	6,280	13,064	2,080	1,614
99	88	430	3,432	6,784	1,977	1,510
100	89	234	1,780	3,352	1,883	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	55 415,088	1 097 144,646	19,799	19,332
13	1	99 205	52 610,452	1 041 729,558	19,801	19,334
14	2	99 172	50 088,825	989 119,105	19,747	19,281
15	3	99 149	47 692,202	939 030,280	19,689	19,223
16	4	99 122	45 408,907	891 338,079	19,629	19,163
17	5	99 087	43 231,508	845 929,172	19,567	19,101
18	6	99 051	41 157,705	802 697,664	19,503	19,037
19	7	99 006	39 180,209	761 539,958	19,437	18,970
20	8	98 960	37 297,065	722 359,749	19,368	18,901
21	9	98 909	35 502,805	685 062,684	19,296	18,830
22	10	98 859	33 794,888	649 559,879	19,221	18,754
23	11	98 808	32 169,185	615 764,991	19,141	18,675
24	12	98 756	30 620,969	583 595,806	19,059	18,592
25	13	98 700	29 146,424	552 974,837	18,972	18,506
26	14	98 644	27 742,765	523 828,412	18,882	18,415
27	15	98 587	26 406,391	496 085,647	18,787	18,320
28	16	98 523	25 132,528	469 679,256	18,688	18,222
29	17	98 458	23 920,036	444 546,728	18,585	18,118
30	18	98 387	22 764,609	420 626,692	18,477	18,011
31	19	98 311	21 663,677	397 862,083	18,365	17,899
32	20	98 224	20 613,892	376 198,406	18,250	17,783
33	21	98 137	19 614,892	355 584,514	18,128	17,662
34	22	98 051	18 664,494	335 969,622	18,000	17,534
35	23	97 955	17 758,321	317 305,127	17,868	17,402
36	24	97 847	16 894,006	299 546,806	17,731	17,265
37	25	97 744	16 072,528	282 652,800	17,586	17,120
38	26	97 634	15 289,975	266 580,272	17,435	16,969
39	27	97 512	14 543,768	251 290,297	17,278	16,812
40	28	97 385	13 833,069	236 746,529	17,115	16,648
41	29	97 238	13 154,513	222 913,460	16,946	16,479
42	30	97 084	12 508,277	209 758,947	16,770	16,303
43	31	96 911	11 891,362	197 250,670	16,588	16,121
44	32	96 721	11 302,951	185 359,308	16,399	15,933
45	33	96 514	10 741,658	174 056,357	16,204	15,737
46	34	96 282	10 205,602	163 314,699	16,002	15,536
47	35	96 034	9 694,592	153 109,097	15,793	15,327
48	36	95 757	9 206,288	143 414,505	15,578	15,111
49	37	95 446	8 739,377	134 208,217	15,357	14,890
50	38	95 102	8 293,205	125 468,840	15,129	14,663
51	39	94 711	7 865,897	117 175,635	14,897	14,430
52	40	94 290	7 457,961	109 309,738	14,657	14,190
53	41	93 809	7 066,589	101 851,776	14,413	13,947
54	42	93 270	6 691,418	94 785,188	14,165	13,699
55	43	92 673	6 331,997	88 093,770	13,912	13,446
56	44	92 020	5 988,003	81 761,773	13,654	13,188
57	45	91 298	5 658,129	75 773,770	13,392	12,926
58	46	90 509	5 342,115	70 115,641	13,125	12,659
59	47	89 631	5 038,380	64 773,526	12,856	12,390
60	48	88 675	4 747,254	59 735,145	12,583	12,117
61	49	87 644	4 468,638	54 987,891	12,305	11,839
62	50	86 524	4 201,457	50 519,253	12,024	11,558
63	51	85 306	3 945,074	46 317,796	11,741	11,274
64	52	84 006	3 699,924	42 372,722	11,452	10,986
65	53	82 603	3 464,901	38 672,798	11,161	10,695
66	54	81 111	3 240,315	35 207,898	10,866	10,399
67	55	79 545	3 026,436	31 967,582	10,563	10,096
68	56	77 858	2 821,192	28 941,147	10,258	9,792
69	57	76 126	2 627,055	26 119,954	9,943	9,476
70	58	74 257	2 440,547	23 492,899	9,626	9,160
71	59	72 273	2 262,234	21 052,352	9,306	8,840
72	60	70 170	2 091,805	18 790,118	8,983	8,516
73	61	67 967	1 929,643	16 698,312	8,654	8,187
74	62	65 674	1 775,762	14 768,670	8,317	7,850
75	63	63 257	1 628,952	12 992,908	7,976	7,510
76	64	60 701	1 488,719	11 363,955	7,633	7,167
77	65	57 991	1 354,514	9 875,237	7,291	6,824
78	66	55 153	1 226,884	8 520,723	6,945	6,479
79	67	52 143	1 104,694	7 293,839	6,603	6,136
80	68	48 938	987,423	6 189,145	6,268	5,802
81	69	45 600	876,266	5 201,722	5,936	5,470
82	70	42 091	770,311	4 325,457	5,615	5,149
83	71	38 469	670,505	3 555,146	5,302	4,836
84	72	34 736	576,598	2 884,641	5,003	4,536
85	73	30 972	489,636	2 308,043	4,714	4,247
86	74	27 214	409,741	1 818,407	4,438	3,972
87	75	23 538	337,519	1 408,666	4,174	3,707
88	76	20 018	273,383	1 071,148	3,918	3,452
89	77	16 693	217,108	797,764	3,675	3,208
90	78	13 639	168,946	580,656	3,437	2,971
91	79	10 876	128,301	411,710	3,209	2,743
92	80	8 389	94,251	283,409	3,007	2,541
93	81	6 258	66,961	189,158	2,825	2,359
94	82	4 523	46,097	122,197	2,651	2,184
95	83	3 121	30,289	76,100	2,512	2,046
96	84	2 099	19,402	45,811	2,361	1,895
97	85	1 346	11,848	26,408	2,229	1,763
98	86	822	6,893	14,560	2,112	1,646
99	87	478	3,818	7,667	2,008	1,542
100	88	264	2,011	3,849	1,914	1,448

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
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13	0	99 510	52 772,139	1 042 345,765	19,752	19,285
14	1	99 195	50 100,401	989 573,627	19,752	19,285
15	2	99 160	47 697,881	939 473,225	19,696	19,230
16	3	99 134	45 414,318	891 775,344	19,636	19,170
17	4	99 096	43 235,439	846 361,027	19,576	19,109
18	5	99 058	41 160,792	803 125,587	19,512	19,046
19	6	99 013	39 182,788	761 964,795	19,446	18,980
20	7	98 965	37 298,904	722 782,007	19,378	18,912
21	8	98 916	35 505,004	685 483,103	19,307	18,840
22	9	98 865	33 797,075	649 978,099	19,232	18,765
23	10	98 814	32 171,091	616 181,024	19,153	18,687
24	11	98 763	30 623,250	584 009,933	19,071	18,604
25	12	98 708	29 148,730	553 386,683	18,985	18,519
26	13	98 653	27 745,144	524 237,953	18,895	18,428
27	14	98 597	26 409,162	496 492,809	18,800	18,334
28	15	98 535	25 135,673	470 083,647	18,702	18,235
29	16	98 472	23 923,412	444 947,974	18,599	18,132
30	17	98 402	22 767,943	421 024,562	18,492	18,026
31	18	98 331	21 668,090	398 256,619	18,380	17,913
32	19	98 243	20 617,871	376 588,530	18,265	17,799
33	20	98 155	19 618,525	355 970,658	18,145	17,678
34	21	98 067	18 667,585	336 352,134	18,018	17,552
35	22	97 972	17 761,395	317 684,549	17,886	17,420
36	23	97 868	16 897,673	299 923,154	17,749	17,283
37	24	97 760	16 075,254	283 025,481	17,606	17,140
38	25	97 652	15 292,827	266 950,227	17,456	16,990
39	26	97 531	14 546,599	251 657,401	17,300	16,834
40	27	97 406	13 836,091	237 110,802	17,137	16,671
41	28	97 262	13 157,795	223 274,711	16,969	16,503
42	29	97 109	12 511,514	210 116,916	16,794	16,327
43	30	96 939	11 894,894	197 605,402	16,613	16,146
44	31	96 752	11 306,560	185 710,508	16,425	15,959
45	32	96 547	10 745,387	174 403,948	16,231	15,764
46	33	96 317	10 209,237	163 658,561	16,030	15,564
47	34	96 072	9 698,386	153 449,324	15,822	15,356
48	35	95 796	9 209,994	143 750,938	15,608	15,142
49	36	95 490	8 743,476	134 540,944	15,388	14,921
50	37	95 145	8 297,024	125 797,468	15,162	14,695
51	38	94 767	7 870,507	117 500,444	14,929	14,463
52	39	94 346	7 462,407	109 629,937	14,691	14,225
53	40	93 872	7 071,388	102 167,531	14,448	13,982
54	41	93 341	6 696,526	95 096,143	14,201	13,734
55	42	92 750	6 337,256	88 399,616	13,949	13,483
56	43	92 103	5 993,396	82 062,360	13,692	13,226
57	44	91 392	5 663,907	76 068,964	13,430	12,964
58	45	90 610	5 348,062	70 405,057	13,165	12,698
59	46	89 745	5 044,786	65 056,995	12,896	12,429
60	47	88 802	4 754,070	60 012,209	12,623	12,157
61	48	87 784	4 475,797	55 258,140	12,346	11,880
62	49	86 681	4 209,082	50 782,343	12,065	11,599
63	50	85 475	3 952,864	46 573,261	11,782	11,316
64	51	84 191	3 708,114	42 620,397	11,494	11,027
65	52	82 806	3 473,429	38 912,283	11,203	10,736
66	53	81 334	3 249,196	35 438,854	10,907	10,441
67	54	79 785	3 035,572	32 189,658	10,604	10,138
68	55	78 117	2 830,571	29 154,087	10,300	9,833
69	56	76 402	2 636,597	26 323,516	9,984	9,517
70	57	74 555	2 450,330	23 686,919	9,667	9,200
71	58	72 593	2 272,256	21 236,589	9,346	8,880
72	59	70 510	2 101,958	18 964,333	9,022	8,556
73	60	68 335	1 940,102	16 862,375	8,691	8,225
74	61	66 043	1 785,753	14 922,274	8,356	7,890
75	62	63 643	1 638,911	13 136,520	8,015	7,549
76	63	61 104	1 498,586	11 497,609	7,672	7,206
77	64	58 417	1 364,457	9 999,023	7,328	6,862
78	65	55 598	1 236,794	8 634,566	6,981	6,515
79	66	52 603	1 114,429	7 397,772	6,638	6,172
80	67	49 417	997,089	6 283,343	6,302	5,835
81	68	46 071	885,309	5 286,254	5,971	5,505
82	69	42 566	779,014	4 400,946	5,649	5,183
83	70	38 944	678,775	3 621,932	5,336	4,870
84	71	35 207	584,423	2 943,157	5,036	4,570
85	72	31 424	496,795	2 358,734	4,748	4,281
86	73	27 642	416,184	1 861,939	4,474	4,007
87	74	23 948	343,394	1 445,754	4,210	3,744
88	75	20 408	278,697	1 102,361	3,955	3,489
89	76	17 065	221,952	823,664	3,711	3,245
90	77	13 981	173,181	601,711	3,474	3,008
91	78	11 190	132,011	428,530	3,246	2,780
92	79	8 674	97,460	296,519	3,042	2,576
93	80	6 508	69,635	199,060	2,859	2,392
94	81	4 732	48,222	129,425	2,684	2,218
95	82	3 286	31,895	81,202	2,546	2,080
96	83	2 228	20,599	49,308	2,394	1,927
97	84	1 443	12,702	28,709	2,260	1,794
98	85	891	7,470	16,007	2,143	1,677
99	86	525	4,191	8,537	2,037	1,571
100	87	294	2,237	4,346	1,943	1,476

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	50 254,373	990 143,857	19,703	19,236
15	1	99 183	47 708,905	939 889,483	19,701	19,234
16	2	99 146	45 419,726	892 180,579	19,643	19,177
17	3	99 108	43 240,591	846 760,853	19,583	19,116
18	4	99 067	41 164,535	803 520,262	19,520	19,053
19	5	99 020	39 185,727	762 355,726	19,455	18,989
20	6	98 972	37 301,359	723 169,999	19,387	18,921
21	7	98 920	35 506,754	685 868,640	19,317	18,850
22	8	98 871	33 799,167	650 361,886	19,242	18,776
23	9	98 821	32 173,173	616 562,719	19,164	18,697
24	10	98 769	30 625,065	584 389,546	19,082	18,616
25	11	98 715	29 150,902	553 764,481	18,996	18,530
26	12	98 660	27 747,339	524 613,579	18,907	18,440
27	13	98 606	26 411,426	496 866,240	18,813	18,346
28	14	98 545	25 138,311	470 454,814	18,715	18,248
29	15	98 484	23 926,405	445 316,504	18,612	18,146
30	16	98 416	22 771,156	421 390,098	18,505	18,039
31	17	98 345	21 671,263	398 618,943	18,394	17,927
32	18	98 263	20 622,071	376 947,680	18,279	17,812
33	19	98 174	19 622,312	356 325,609	18,159	17,693
34	20	98 085	18 671,042	336 703,297	18,033	17,567
35	21	97 988	17 764,336	318 032,254	17,903	17,436
36	22	97 885	16 900,597	300 267,919	17,767	17,300
37	23	97 781	16 078,743	283 367,321	17,624	17,157
38	24	97 669	15 295,421	267 288,579	17,475	17,009
39	25	97 550	14 549,312	251 993,158	17,320	16,854
40	26	97 425	13 838,784	237 443,847	17,158	16,691
41	27	97 284	13 160,670	223 605,063	16,990	16,524
42	28	97 133	12 514,635	210 444,394	16,816	16,349
43	29	96 965	11 897,973	197 929,758	16,636	16,169
44	30	96 781	11 309,919	186 031,785	16,449	15,982
45	31	96 578	10 748,818	174 721,867	16,255	15,789
46	32	96 350	10 212,781	163 973,049	16,056	15,589
47	33	96 106	9 701,840	153 760,268	15,849	15,382
48	34	95 833	9 213,598	144 058,428	15,635	15,169
49	35	95 529	8 746,997	134 844,830	15,416	14,950
50	36	95 190	8 300,916	126 097,833	15,191	14,724
51	37	94 811	7 874,131	117 796,918	14,960	14,494
52	38	94 401	7 466,780	109 922,787	14,722	14,255
53	39	93 928	7 075,603	102 456,007	14,480	14,014
54	40	93 404	6 701,074	95 380,404	14,234	13,767
55	41	92 821	6 342,094	88 679,330	13,983	13,516
56	42	92 179	5 998,374	82 337,236	13,727	13,260
57	43	91 474	5 669,009	76 338,862	13,466	13,000
58	44	90 702	5 353,523	70 669,853	13,201	12,734
59	45	89 845	5 050,402	65 316,331	12,933	12,466
60	46	88 915	4 760,114	60 265,929	12,661	12,194
61	47	87 910	4 482,223	55 505,816	12,384	11,917
62	48	86 820	4 215,825	51 023,593	12,103	11,636
63	49	85 630	3 960,037	46 807,768	11,820	11,354
64	50	84 358	3 715,436	42 847,731	11,532	11,066
65	51	82 990	3 481,118	39 132,295	11,241	10,775
66	52	81 534	3 257,193	35 651,177	10,945	10,479
67	53	80 004	3 043,891	32 393,983	10,642	10,176
68	54	78 353	2 839,116	29 350,092	10,338	9,871
69	55	76 656	2 645,362	26 510,977	10,022	9,555
70	56	74 826	2 459,229	23 865,615	9,705	9,238
71	57	72 884	2 281,364	21 406,385	9,383	8,917
72	58	70 823	2 111,270	19 125,021	9,059	8,592
73	59	68 667	1 949,518	17 013,752	8,727	8,261
74	60	66 401	1 795,433	15 064,234	8,390	7,924
75	61	64 001	1 648,133	13 268,801	8,051	7,584
76	62	61 477	1 507,748	11 620,668	7,707	7,241
77	63	58 804	1 373,501	10 112,920	7,363	6,896
78	64	56 007	1 245,873	8 739,419	7,015	6,548
79	65	53 027	1 123,430	7 493,547	6,670	6,204
80	66	49 853	1 005,876	6 370,117	6,333	5,867
81	67	46 522	893,975	5 364,241	6,000	5,534
82	68	43 006	787,054	4 470,266	5,680	5,213
83	69	39 384	686,444	3 683,212	5,366	4,899
84	70	35 641	591,631	2 996,769	5,065	4,599
85	71	31 851	503,538	2 405,137	4,776	4,310
86	72	28 046	422,269	1 901,600	4,503	4,037
87	73	24 324	348,794	1 479,331	4,241	3,775
88	74	20 763	283,548	1 130,537	3,987	3,521
89	75	17 397	226,267	846,988	3,743	3,277
90	76	14 293	177,045	620,722	3,506	3,040
91	77	11 471	135,320	443,676	3,279	2,812
92	78	8 925	100,277	308,357	3,075	2,609
93	79	6 729	72,006	208,079	2,890	2,423
94	80	4 921	50,148	136,074	2,713	2,247
95	81	3 438	33,365	85,925	2,575	2,109
96	82	2 347	21,691	52,560	2,423	1,957
97	83	1 532	13,485	30,870	2,289	1,823
98	84	955	8,008	17,385	2,171	1,705
99	85	569	4,542	9,377	2,065	1,598
100	86	323	2,456	4,835	1,969	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	47 855,527	940 417,309	19,651	19,185
16	1	99 168	45 430,223	892 561,781	19,647	19,180
17	2	99 120	43 245,741	847 131,558	19,589	19,122
18	3	99 079	41 169,440	803 885,818	19,526	19,060
19	4	99 029	39 189,291	762 716,377	19,462	18,996
20	5	98 979	37 304,157	723 527,087	19,395	18,929
21	6	98 927	35 509,091	686 222,930	19,325	18,859
22	7	98 876	33 800,834	650 713,839	19,251	18,785
23	8	98 827	32 175,165	616 913,005	19,174	18,707
24	9	98 775	30 627,047	584 737,840	19,092	18,626
25	10	98 721	29 152,629	554 110,793	19,007	18,541
26	11	98 668	27 749,406	524 958,164	18,918	18,451
27	12	98 614	26 413,516	497 208,759	18,824	18,358
28	13	98 554	25 140,466	470 795,243	18,727	18,260
29	14	98 495	23 928,916	445 654,777	18,624	18,158
30	15	98 428	22 774,005	421 725,861	18,518	18,051
31	16	98 359	21 674,321	398 951,856	18,407	17,940
32	17	98 277	20 625,091	377 277,535	18,292	17,826
33	18	98 194	19 626,309	356 652,444	18,172	17,706
34	19	98 104	18 674,647	337 026,135	18,047	17,581
35	20	98 006	17 767,626	318 351,488	17,918	17,451
36	21	97 901	16 903,396	300 583,862	17,782	17,316
37	22	97 798	16 081,525	283 680,467	17,640	17,174
38	23	97 690	15 298,740	267 598,941	17,492	17,025
39	24	97 566	14 551,779	252 300,201	17,338	16,872
40	25	97 443	13 841,364	237 748,422	17,177	16,710
41	26	97 302	13 163,231	223 907,058	17,010	16,544
42	27	97 155	12 517,370	210 743,827	16,836	16,370
43	28	96 989	11 900,941	198 226,457	16,656	16,190
44	29	96 806	11 312,846	186 325,516	16,470	16,004
45	30	96 607	10 752,010	175 012,670	16,277	15,811
46	31	96 381	10 216,042	164 260,660	16,079	15,612
47	32	96 140	9 705,208	154 044,618	15,872	15,406
48	33	95 867	9 216,880	144 339,410	15,660	15,194
49	34	95 566	8 750,419	135 122,530	15,442	14,975
50	35	95 228	8 304,258	126 372,111	15,218	14,751
51	36	94 855	7 877,824	118 067,853	14,987	14,521
52	37	94 445	7 470,218	110 190,029	14,751	14,284
53	38	93 983	7 079,749	102 719,811	14,509	14,043
54	39	93 460	6 705,068	95 640,062	14,264	13,797
55	40	92 884	6 346,401	88 934,993	14,013	13,547
56	41	92 250	6 002,953	82 588,592	13,758	13,292
57	42	91 550	5 673,717	76 585,639	13,498	13,032
58	43	90 784	5 358,345	70 911,922	13,234	12,768
59	44	89 937	5 055,558	65 553,577	12,967	12,500
60	45	89 014	4 765,413	60 498,019	12,695	12,229
61	46	88 022	4 487,921	55 732,606	12,418	11,952
62	47	86 945	4 221,877	51 244,685	12,138	11,671
63	48	85 767	3 966,382	47 022,808	11,855	11,389
64	49	84 511	3 722,179	43 056,426	11,568	11,101
65	50	83 153	3 487,992	39 334,247	11,277	10,811
66	51	81 714	3 264,404	35 846,256	10,981	10,515
67	52	80 201	3 051,383	32 581,852	10,678	10,211
68	53	78 568	2 846,897	29 530,469	10,373	9,906
69	54	76 888	2 653,348	26 683,573	10,057	9,590
70	55	75 074	2 467,405	24 030,225	9,739	9,273
71	56	73 149	2 289,650	21 562,820	9,418	8,951
72	57	71 107	2 119,732	19 273,170	9,092	8,626
73	58	68 971	1 958,155	17 153,438	8,760	8,294
74	59	66 724	1 804,147	15 195,283	8,422	7,956
75	60	64 348	1 657,066	13 391,137	8,081	7,615
76	61	61 823	1 516,231	11 734,071	7,739	7,273
77	62	59 163	1 381,898	10 217,839	7,394	6,928
78	63	56 378	1 254,131	8 835,941	7,045	6,579
79	64	53 417	1 131,677	7 581,811	6,700	6,233
80	65	50 255	1 014,000	6 450,134	6,361	5,895
81	66	46 932	901,853	5 436,134	6,028	5,561
82	67	43 427	794,758	4 534,280	5,705	5,239
83	68	39 790	693,528	3 739,522	5,392	4,926
84	69	36 044	598,316	3 045,994	5,091	4,625
85	70	32 244	509,748	2 447,678	4,802	4,335
86	71	28 427	428,000	1 937,930	4,528	4,061
87	72	24 680	353,893	1 509,930	4,267	3,800
88	73	21 089	288,008	1 156,037	4,014	3,548
89	74	17 700	230,205	868,029	3,771	3,304
90	75	14 571	180,487	637,824	3,534	3,068
91	76	11 727	138,339	457,338	3,306	2,840
92	77	9 149	102,791	318,998	3,103	2,637
93	78	6 924	74,088	216,208	2,918	2,452
94	79	5 088	51,856	142,120	2,741	2,274
95	80	3 575	34,698	90,265	2,601	2,135
96	81	2 455	22,690	55,567	2,449	1,983
97	82	1 613	14,200	32,876	2,315	1,849
98	83	1 014	8,502	18,676	2,197	1,730
99	84	610	4,869	10,175	2,090	1,623
100	85	350	2,661	5,306	1,994	1,527

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	45 569,843	893 050,482	19,597	19,131
17	1	99 143	43 255,735	847 480,639	19,592	19,126
18	2	99 091	41 174,343	804 224,904	19,532	19,066
19	3	99 041	39 193,960	763 050,561	19,469	19,002
20	4	98 988	37 307,549	723 856,601	19,402	18,936
21	5	98 934	35 511,755	686 549,052	19,333	18,867
22	6	98 883	33 803,059	651 037,297	19,260	18,793
23	7	98 832	32 176,751	617 234,238	19,183	18,716
24	8	98 781	30 628,943	585 057,487	19,101	18,635
25	9	98 728	29 154,516	554 428,544	19,017	18,550
26	10	98 674	27 751,050	525 274,029	18,928	18,462
27	11	98 621	26 415,483	497 522,979	18,835	18,368
28	12	98 562	25 142,455	471 107,495	18,738	18,271
29	13	98 503	23 930,968	445 965,041	18,635	18,169
30	14	98 438	22 776,395	422 034,073	18,529	18,063
31	15	98 371	21 677,033	399 257,678	18,418	17,952
32	16	98 291	20 628,001	377 580,645	18,304	17,838
33	17	98 209	19 629,183	356 952,644	18,185	17,718
34	18	98 124	18 678,451	337 323,460	18,059	17,593
35	19	98 025	17 771,056	318 645,010	17,931	17,464
36	20	97 919	16 906,526	300 873,954	17,796	17,330
37	21	97 814	16 084,188	283 967,428	17,655	17,189
38	22	97 707	15 301,388	267 883,239	17,507	17,041
39	23	97 587	14 554,937	252 581,851	17,354	16,887
40	24	97 460	13 843,712	238 026,914	17,194	16,727
41	25	97 321	13 165,686	224 183,202	17,028	16,561
42	26	97 174	12 519,806	211 017,517	16,855	16,388
43	27	97 010	11 903,541	198 497,711	16,676	16,209
44	28	96 830	11 315,668	186 594,170	16,490	16,023
45	29	96 632	10 754,793	175 278,502	16,298	15,831
46	30	96 409	10 219,076	164 523,708	16,100	15,633
47	31	96 170	9 708,307	154 304,632	15,894	15,428
48	32	95 901	9 220,079	144 596,325	15,683	15,216
49	33	95 600	8 753,536	135 376,245	15,465	14,999
50	34	95 266	8 307,507	126 622,710	15,242	14,776
51	35	94 893	7 880,996	118 315,202	15,013	14,546
52	36	94 489	7 473,722	110 434,206	14,776	14,310
53	37	94 027	7 083,009	102 960,485	14,536	14,070
54	38	93 515	6 708,998	95 877,476	14,291	13,824
55	39	92 939	6 350,184	89 168,478	14,042	13,575
56	40	92 313	6 007,030	82 818,294	13,787	13,320
57	41	91 620	5 678,048	76 811,264	13,528	13,061
58	42	90 860	5 362,795	71 133,215	13,264	12,798
59	43	90 018	5 060,112	65 770,420	12,998	12,531
60	44	89 105	4 770,278	60 710,308	12,727	12,260
61	45	88 120	4 492,917	55 940,030	12,451	11,984
62	46	87 055	4 227,245	51 447,113	12,170	11,704
63	47	85 890	3 972,076	47 219,868	11,888	11,422
64	48	84 646	3 728,142	43 247,792	11,600	11,134
65	49	83 304	3 494,321	39 519,650	11,310	10,843
66	50	81 876	3 270,849	36 025,328	11,014	10,548
67	51	80 379	3 058,138	32 754,479	10,711	10,244
68	52	78 761	2 853,904	29 696,341	10,406	9,939
69	53	77 098	2 660,620	26 842,437	10,089	9,622
70	54	75 301	2 474,853	24 181,818	9,771	9,305
71	55	73 392	2 297,261	21 706,965	9,449	8,983
72	56	71 365	2 127,431	19 409,703	9,124	8,657
73	57	69 247	1 966,004	17 282,272	8,791	8,324
74	58	67 019	1 812,139	15 316,269	8,452	7,986
75	59	64 661	1 665,108	13 504,129	8,110	7,644
76	60	62 158	1 524,450	11 839,021	7,766	7,300
77	61	59 496	1 389,674	10 314,571	7,422	6,956
78	62	56 722	1 261,798	8 924,898	7,073	6,607
79	63	53 771	1 139,178	7 663,099	6,727	6,260
80	64	50 624	1 021,443	6 523,922	6,387	5,921
81	65	47 311	909,138	5 502,478	6,052	5,586
82	66	43 809	801,762	4 593,341	5,729	5,263
83	67	40 180	700,317	3 791,579	5,414	4,948
84	68	36 416	604,491	3 091,262	5,114	4,647
85	69	32 608	515,507	2 486,771	4,824	4,358
86	70	28 777	433,279	1 971,264	4,550	4,083
87	71	25 015	358,696	1 537,985	4,288	3,821
88	72	21 398	292,218	1 179,288	4,036	3,569
89	73	17 978	233,825	887,070	3,794	3,327
90	74	14 824	183,628	653,245	3,557	3,091
91	75	11 955	141,028	469,616	3,330	2,864
92	76	9 353	105,084	328,588	3,127	2,660
93	77	7 097	75,945	223,504	2,943	2,477
94	78	5 236	53,355	147,559	2,766	2,299
95	79	3 697	35,879	94,205	2,626	2,159
96	80	2 553	23,597	58,326	2,472	2,005
97	81	1 687	14,854	34,729	2,338	1,872
98	82	1 068	8,952	19,874	2,220	1,754
99	83	647	5,169	10,922	2,113	1,646
100	84	375	2,853	5,753	2,016	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	43 388,672	847 933,219	19,543	19,076
18	1	99 114	41 183,859	804 544,547	19,535	19,069
19	2	99 053	39 198,628	763 360,688	19,474	19,008
20	3	99 000	37 311,995	724 162,060	19,408	18,942
21	4	98 943	35 514,984	686 850,065	19,340	18,873
22	5	98 890	33 805,594	651 335,081	19,267	18,801
23	6	98 838	32 178,870	617 529,487	19,191	18,724
24	7	98 786	30 630,453	585 350,618	19,110	18,644
25	8	98 734	29 156,321	554 720,165	19,026	18,559
26	9	98 680	27 752,846	525 563,844	18,937	18,471
27	10	98 627	26 417,049	497 810,999	18,844	18,378
28	11	98 569	25 144,328	471 393,950	18,748	18,281
29	12	98 511	23 932,861	446 249,622	18,646	18,179
30	13	98 447	22 778,347	422 316,761	18,540	18,074
31	14	98 382	21 679,308	399 538,414	18,429	17,963
32	15	98 304	20 630,582	377 859,106	18,315	17,849
33	16	98 222	19 631,953	357 228,524	18,196	17,730
34	17	98 139	18 681,186	337 596,570	18,071	17,605
35	18	98 045	17 774,676	318 915,384	17,942	17,476
36	19	97 938	16 909,790	301 140,709	17,809	17,342
37	20	97 833	16 087,167	284 230,918	17,668	17,202
38	21	97 723	15 303,922	268 143,751	17,521	17,055
39	22	97 604	14 557,456	252 839,830	17,368	16,902
40	23	97 481	13 846,716	238 282,373	17,209	16,742
41	24	97 337	13 167,918	224 435,657	17,044	16,578
42	25	97 192	12 522,140	211 267,738	16,872	16,405
43	26	97 029	11 905,858	198 745,598	16,693	16,227
44	27	96 851	11 318,140	186 839,740	16,508	16,042
45	28	96 656	10 757,476	175 521,600	16,316	15,850
46	29	96 434	10 221,722	164 764,124	16,119	15,653
47	30	96 199	9 711,190	154 542,402	15,914	15,447
48	31	95 931	9 223,023	144 831,212	15,703	15,237
49	32	95 633	8 756,575	135 608,188	15,486	15,020
50	33	95 299	8 310,466	126 851,613	15,264	14,798
51	34	94 930	7 884,080	118 541,147	15,036	14,569
52	35	94 527	7 476,731	110 657,068	14,800	14,334
53	36	94 071	7 086,332	103 180,337	14,560	14,094
54	37	93 558	6 712,087	96 094,005	14,317	13,850
55	38	92 993	6 353,905	89 381,918	14,067	13,601
56	39	92 368	6 010,611	83 028,013	13,814	13,347
57	40	91 682	5 681,905	77 017,402	13,555	13,088
58	41	90 929	5 366,889	71 335,498	13,292	12,825
59	42	90 093	5 064,315	65 968,609	13,026	12,560
60	43	89 185	4 774,575	60 904,294	12,756	12,290
61	44	88 210	4 497,505	56 129,719	12,480	12,014
62	45	87 152	4 231,950	51 632,214	12,201	11,734
63	46	85 999	3 977,126	47 400,263	11,918	11,452
64	47	84 768	3 733,494	43 423,138	11,631	11,164
65	48	83 438	3 499,920	39 689,644	11,340	10,874
66	49	82 024	3 276,785	36 189,724	11,044	10,578
67	50	80 537	3 064,176	32 912,939	10,741	10,275
68	51	78 935	2 860,221	29 848,762	10,436	9,969
69	52	77 288	2 667,168	26 988,541	10,119	9,652
70	53	75 507	2 481,636	24 321,373	9,801	9,334
71	54	73 614	2 304,196	21 839,737	9,478	9,012
72	55	71 602	2 134,504	19 535,541	9,152	8,686
73	56	69 499	1 973,144	17 401,037	8,819	8,353
74	57	67 288	1 819,403	15 427,893	8,480	8,013
75	58	64 947	1 672,485	13 608,490	8,137	7,670
76	59	62 460	1 531,849	11 936,005	7,792	7,325
77	60	59 819	1 397,206	10 404,156	7,446	6,980
78	61	57 042	1 268,898	9 006,951	7,098	6,632
79	62	54 099	1 146,142	7 738,053	6,751	6,285
80	63	50 960	1 028,214	6 591,910	6,411	5,945
81	64	47 658	915,811	5 563,697	6,075	5,609
82	65	44 163	808,238	4 647,885	5,751	5,284
83	66	40 534	706,489	3 839,648	5,435	4,968
84	67	36 772	610,408	3 133,159	5,133	4,666
85	68	32 945	520,828	2 522,751	4,844	4,377
86	69	29 102	438,174	2 001,923	4,569	4,102
87	70	25 323	363,120	1 563,749	4,306	3,840
88	71	21 688	296,184	1 200,629	4,054	3,587
89	72	18 241	237,244	904,444	3,812	3,346
90	73	15 058	186,516	667,201	3,577	3,111
91	74	12 163	143,483	480,684	3,350	2,884
92	75	9 535	107,127	337,202	3,148	2,681
93	76	7 256	77,639	230,075	2,963	2,497
94	77	5 367	54,692	152,435	2,787	2,321
95	78	3 804	36,916	97,743	2,648	2,181
96	79	2 640	24,400	60,827	2,493	2,026
97	80	1 755	15,448	36,427	2,358	1,892
98	81	1 117	9,365	20,979	2,240	1,774
99	82	682	5,443	11,614	2,134	1,667
100	83	398	3,029	6,171	2,037	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	41 310,428	804 963,773	19,486	19,019
19	1	99 076	39 207,687	763 653,344	19,477	19,011
20	2	99 012	37 316,438	724 445,657	19,414	18,947
21	3	98 955	35 519,216	687 129,219	19,345	18,879
22	4	98 899	33 808,668	651 610,004	19,273	18,807
23	5	98 846	32 181,283	617 801,335	19,198	18,731
24	6	98 793	30 632,469	585 620,052	19,118	18,651
25	7	98 739	29 157,758	554 987,583	19,034	18,568
26	8	98 686	27 754,564	525 829,825	18,946	18,479
27	9	98 633	26 418,758	498 075,261	18,853	18,387
28	10	98 575	25 145,818	471 656,503	18,757	18,290
29	11	98 518	23 934,644	446 510,685	18,655	18,189
30	12	98 454	22 780,150	422 576,041	18,550	18,084
31	13	98 390	21 681,166	399 795,892	18,440	17,973
32	14	98 314	20 632,748	378 114,725	18,326	17,860
33	15	98 235	19 634,410	357 481,978	18,207	17,741
34	16	98 153	18 683,822	337 847,568	18,082	17,616
35	17	98 060	17 777,279	319 163,746	17,953	17,487
36	18	97 958	16 913,235	301 386,467	17,820	17,353
37	19	97 851	16 090,273	284 473,233	17,680	17,213
38	20	97 741	15 306,756	268 382,960	17,534	17,067
39	21	97 620	14 559,867	253 076,204	17,382	16,915
40	22	97 498	13 849,113	238 516,337	17,222	16,756
41	23	97 358	13 170,776	224 667,224	17,058	16,592
42	24	97 208	12 524,264	211 496,448	16,887	16,421
43	25	97 047	11 908,078	198 972,184	16,709	16,243
44	26	96 870	11 320,343	187 064,106	16,525	16,058
45	27	96 677	10 759,827	175 743,763	16,333	15,867
46	28	96 458	10 224,271	164 983,936	16,136	15,670
47	29	96 224	9 713,704	154 759,665	15,932	15,466
48	30	95 960	9 225,763	145 045,960	15,722	15,255
49	31	95 664	8 759,371	135 820,198	15,506	15,039
50	32	95 333	8 313,351	127 060,827	15,284	14,818
51	33	94 964	7 886,888	118 747,476	15,056	14,590
52	34	94 564	7 479,656	110 860,588	14,822	14,355
53	35	94 109	7 089,185	103 380,932	14,583	14,117
54	36	93 602	6 715,235	96 291,747	14,339	13,873
55	37	93 036	6 356,831	89 576,512	14,091	13,625
56	38	92 422	6 014,133	83 219,681	13,837	13,371
57	39	91 737	5 685,291	77 205,548	13,580	13,113
58	40	90 991	5 370,534	71 520,256	13,317	12,851
59	41	90 161	5 068,181	66 149,722	13,052	12,586
60	42	89 259	4 778,541	61 081,541	12,782	12,316
61	43	88 290	4 501,556	56 303,001	12,507	12,041
62	44	87 241	4 236,272	51 801,445	12,228	11,762
63	45	86 095	3 981,553	47 565,173	11,946	11,480
64	46	84 876	3 738,241	43 583,620	11,659	11,192
65	47	83 558	3 504,944	39 845,379	11,368	10,902
66	48	82 156	3 282,035	36 340,435	11,073	10,606
67	49	80 683	3 069,737	33 058,400	10,769	10,303
68	50	79 091	2 865,869	29 988,663	10,464	9,998
69	51	77 459	2 673,072	27 122,794	10,147	9,680
70	52	75 693	2 487,744	24 449,722	9,828	9,362
71	53	73 816	2 310,511	21 961,978	9,505	9,039
72	54	71 818	2 140,947	19 651,466	9,179	8,712
73	55	69 730	1 979,704	17 510,519	8,845	8,379
74	56	67 532	1 826,011	15 530,816	8,505	8,039
75	57	65 207	1 679,189	13 704,805	8,162	7,695
76	58	62 737	1 538,635	12 025,616	7,816	7,349
77	59	60 109	1 403,987	10 486,981	7,469	7,003
78	60	57 351	1 275,775	9 082,994	7,120	6,653
79	61	54 404	1 152,591	7 807,219	6,774	6,307
80	62	51 271	1 034,500	6 654,627	6,433	5,966
81	63	47 974	921,881	5 620,127	6,096	5,630
82	64	44 488	814,171	4 698,246	5,771	5,304
83	65	40 861	712,195	3 884,075	5,454	4,987
84	66	37 096	615,787	3 171,880	5,151	4,685
85	67	33 267	525,926	2 556,093	4,860	4,394
86	68	29 403	442,696	2 030,167	4,586	4,120
87	69	25 609	367,223	1 587,471	4,323	3,857
88	70	21 956	299,837	1 220,248	4,070	3,603
89	71	18 488	240,464	920,410	3,828	3,361
90	72	15 278	189,243	679,946	3,593	3,127
91	73	12 354	145,739	490,703	3,367	2,901
92	74	9 701	108,992	344,964	3,165	2,699
93	75	7 397	79,148	235,972	2,981	2,515
94	76	5 487	55,912	156,824	2,805	2,338
95	77	3 899	37,842	100,912	2,667	2,200
96	78	2 716	25,106	63,070	2,512	2,046
97	79	1 815	15,974	37,964	2,377	1,910
98	80	1 162	9,739	21,991	2,258	1,792
99	81	713	5,694	12,251	2,152	1,685
100	82	419	3,190	6,557	2,056	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	39 328,183	764 041,754	19,427	18,961
20	1	99 035	37 325,062	724 713,571	19,416	18,950
21	2	98 967	35 523,446	687 388,509	19,350	18,884
22	3	98 911	33 812,697	651 865,063	19,279	18,812
23	4	98 855	32 184,209	618 052,367	19,204	18,737
24	5	98 800	30 634,767	585 868,157	19,124	18,658
25	6	98 745	29 159,677	555 233,391	19,041	18,575
26	7	98 691	27 755,933	526 073,713	18,954	18,487
27	8	98 639	26 420,394	498 317,781	18,861	18,395
28	9	98 581	25 147,445	471 897,387	18,765	18,299
29	10	98 524	23 936,062	446 749,942	18,664	18,198
30	11	98 462	22 781,847	422 813,880	18,559	18,093
31	12	98 398	21 682,882	400 032,033	18,449	17,983
32	13	98 322	20 634,516	378 349,152	18,336	17,869
33	14	98 245	19 636,470	357 714,635	18,217	17,750
34	15	98 165	18 686,160	338 078,165	18,092	17,626
35	16	98 074	17 779,787	319 392,005	17,964	17,497
36	17	97 973	16 915,711	301 612,218	17,830	17,364
37	18	97 871	16 093,550	284 696,506	17,690	17,224
38	19	97 760	15 309,711	268 602,956	17,545	17,078
39	20	97 638	14 562,563	253 293,245	17,393	16,927
40	21	97 514	13 851,406	238 730,682	17,235	16,769
41	22	97 375	13 173,056	224 879,276	17,071	16,605
42	23	97 229	12 526,982	211 706,220	16,900	16,434
43	24	97 063	11 910,098	199 179,237	16,724	16,257
44	25	96 888	11 322,454	187 269,140	16,540	16,073
45	26	96 696	10 761,921	175 946,685	16,349	15,883
46	27	96 479	10 226,505	165 184,765	16,153	15,686
47	28	96 248	9 716,127	154 958,260	15,949	15,482
48	29	95 984	9 228,151	145 242,132	15,739	15,273
49	30	95 692	8 761,972	136 013,981	15,523	15,057
50	31	95 363	8 316,006	127 252,009	15,302	14,836
51	32	94 997	7 889,626	118 936,003	15,075	14,609
52	33	94 598	7 482,321	111 046,378	14,841	14,375
53	34	94 145	7 091,959	103 564,057	14,603	14,137
54	35	93 639	6 717,939	96 472,099	14,360	13,894
55	36	93 080	6 359,813	89 754,160	14,113	13,646
56	37	92 464	6 016,902	83 394,347	13,860	13,394
57	38	91 790	5 688,623	77 377,445	13,602	13,136
58	39	91 045	5 373,735	71 688,822	13,341	12,874
59	40	90 223	5 071,623	66 315,086	13,076	12,609
60	41	89 327	4 782,189	61 243,463	12,807	12,340
61	42	88 363	4 505,294	56 461,275	12,532	12,066
62	43	87 320	4 240,087	51 955,980	12,254	11,787
63	44	86 183	3 985,619	47 715,893	11,972	11,506
64	45	84 970	3 742,402	43 730,274	11,685	11,219
65	46	83 664	3 509,400	39 987,872	11,395	10,928
66	47	82 274	3 286,747	36 478,472	11,099	10,632
67	48	80 813	3 074,655	33 191,725	10,795	10,329
68	49	79 235	2 871,070	30 117,070	10,490	10,023
69	50	77 612	2 678,351	27 246,000	10,173	9,706
70	51	75 861	2 493,251	24 567,650	9,854	9,387
71	52	73 997	2 316,198	22 074,399	9,530	9,064
72	53	72 015	2 146,815	19 758,200	9,203	8,737
73	54	69 940	1 985,680	17 611,386	8,869	8,403
74	55	67 757	1 832,081	15 625,706	8,529	8,063
75	56	65 444	1 685,288	13 793,625	8,185	7,718
76	57	62 988	1 544,802	12 108,337	7,838	7,372
77	58	60 375	1 410,207	10 563,535	7,491	7,024
78	59	57 629	1 281,967	9 153,328	7,140	6,674
79	60	54 699	1 158,839	7 871,361	6,792	6,326
80	61	51 560	1 040,321	6 712,522	6,452	5,986
81	62	48 268	927,518	5 672,201	6,115	5,649
82	63	44 782	819,567	4 744,684	5,789	5,323
83	64	41 161	717,423	3 925,117	5,471	5,005
84	65	37 396	620,761	3 207,694	5,167	4,701
85	66	33 560	530,561	2 586,933	4,876	4,409
86	67	29 690	447,030	2 056,372	4,600	4,134
87	68	25 874	371,013	1 609,342	4,338	3,871
88	69	22 204	303,225	1 238,329	4,084	3,617
89	70	18 716	243,430	935,104	3,841	3,375
90	71	15 485	191,811	691,674	3,606	3,140
91	72	12 534	147,870	499,863	3,380	2,914
92	73	9 853	110,706	351,993	3,180	2,713
93	74	7 526	80,526	241,287	2,996	2,530
94	75	5 593	56,999	160,761	2,820	2,354
95	76	3 986	38,686	103,762	2,682	2,216
96	77	2 784	25,735	65,076	2,529	2,062
97	78	1 867	16,436	39,341	2,394	1,927
98	79	1 201	10,071	22,906	2,274	1,808
99	80	742	5,922	12,835	2,167	1,701
100	81	439	3,337	6,913	2,072	1,605

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	37 439,773	725 073,506	19,366	18,900
21	1	98 990	35 531,656	687 633,734	19,353	18,886
22	2	98 923	33 816,723	652 102,078	19,283	18,817
23	3	98 866	32 188,044	618 285,355	19,209	18,742
24	4	98 809	30 637,553	586 097,310	19,130	18,664
25	5	98 752	29 161,864	555 459,758	19,047	18,581
26	6	98 698	27 757,760	526 297,893	18,960	18,494
27	7	98 644	26 421,696	498 540,134	18,869	18,402
28	8	98 587	25 149,002	472 118,437	18,773	18,306
29	9	98 530	23 937,611	446 969,436	18,672	18,206
30	10	98 468	22 783,197	423 031,824	18,568	18,101
31	11	98 405	21 684,497	400 248,628	18,458	17,991
32	12	98 330	20 636,149	378 564,131	18,345	17,878
33	13	98 253	19 638,154	357 927,982	18,226	17,760
34	14	98 175	18 688,121	338 289,828	18,102	17,635
35	15	98 086	17 782,012	319 601,707	17,973	17,507
36	16	97 987	16 918,098	301 819,696	17,840	17,374
37	17	97 886	16 095,907	284 901,597	17,700	17,234
38	18	97 780	15 312,829	268 805,690	17,554	17,088
39	19	97 657	14 565,375	253 492,861	17,404	16,937
40	20	97 532	13 853,971	238 927,486	17,246	16,780
41	21	97 391	13 175,237	225 073,514	17,083	16,617
42	22	97 246	12 529,150	211 898,277	16,912	16,446
43	23	97 084	11 912,683	199 369,127	16,736	16,269
44	24	96 904	11 324,374	187 456,444	16,553	16,087
45	25	96 714	10 763,928	176 132,070	16,363	15,897
46	26	96 498	10 228,495	165 368,142	16,167	15,701
47	27	96 269	9 718,250	155 139,647	15,964	15,497
48	28	96 008	9 230,453	145 421,397	15,755	15,288
49	29	95 717	8 764,240	136 190,944	15,539	15,073
50	30	95 391	8 318,476	127 426,703	15,319	14,852
51	31	95 027	7 892,145	119 108,228	15,092	14,626
52	32	94 630	7 484,918	111 216,083	14,859	14,392
53	33	94 179	7 094,485	103 731,165	14,621	14,155
54	34	93 676	6 720,568	96 636,680	14,379	13,913
55	35	93 117	6 362,373	89 916,113	14,132	13,666
56	36	92 508	6 019,724	83 553,739	13,880	13,414
57	37	91 833	5 691,242	77 534,015	13,623	13,157
58	38	91 098	5 376,884	71 842,772	13,361	12,895
59	39	90 276	5 074,646	66 465,888	13,098	12,631
60	40	89 388	4 785,437	61 391,242	12,829	12,362
61	41	88 430	4 508,734	56 605,806	12,555	12,088
62	42	87 392	4 243,609	52 097,072	12,277	11,810
63	43	86 261	3 989,209	47 853,463	11,996	11,529
64	44	85 057	3 746,223	43 864,254	11,709	11,243
65	45	83 757	3 513,307	40 118,031	11,419	10,952
66	46	82 378	3 290,925	36 604,724	11,123	10,657
67	47	80 929	3 079,069	33 313,799	10,819	10,353
68	48	79 362	2 875,670	30 234,730	10,514	10,048
69	49	77 753	2 683,211	27 359,060	10,196	9,730
70	50	76 011	2 498,174	24 675,849	9,878	9,411
71	51	74 161	2 321,325	22 177,674	9,554	9,087
72	52	72 192	2 152,099	19 856,349	9,227	8,760
73	53	70 132	1 991,122	17 704,251	8,892	8,425
74	54	67 961	1 837,612	15 713,129	8,551	8,084
75	55	65 662	1 690,890	13 875,517	8,206	7,740
76	56	63 217	1 550,413	12 184,627	7,859	7,393
77	57	60 617	1 415,860	10 634,214	7,511	7,044
78	58	57 884	1 287,647	9 218,354	7,159	6,693
79	59	54 964	1 164,463	7 930,708	6,811	6,344
80	60	51 839	1 045,959	6 766,245	6,469	6,003
81	61	48 539	932,736	5 720,285	6,133	5,666
82	62	45 056	824,578	4 787,549	5,806	5,340
83	63	41 434	722,178	3 962,971	5,488	5,021
84	64	37 671	625,318	3 240,793	5,183	4,716
85	65	33 831	534,846	2 615,475	4,890	4,424
86	66	29 952	450,969	2 080,629	4,614	4,147
87	67	26 127	374,645	1 629,660	4,350	3,883
88	68	22 433	306,354	1 255,015	4,097	3,630
89	69	18 928	246,180	948,660	3,854	3,387
90	70	15 676	194,177	702,480	3,618	3,151
91	71	12 705	149,877	508,303	3,391	2,925
92	72	9 997	112,324	358,426	3,191	2,725
93	73	7 644	81,792	246,102	3,009	2,542
94	74	5 691	57,991	164,310	2,833	2,367
95	75	4 063	39,438	106,318	2,696	2,229
96	76	2 846	26,309	66,880	2,542	2,076
97	77	1 914	16,847	40,571	2,408	1,942
98	78	1 236	10,362	23,724	2,290	1,823
99	79	767	6,123	13,362	2,182	1,716
100	80	456	3,470	7,239	2,086	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	35 640,854	687 967,349	19,303	18,836
22	1	98 946	33 824,539	652 326,494	19,286	18,819
23	2	98 878	32 191,878	618 501,956	19,213	18,747
24	3	98 821	30 641,203	586 310,078	19,135	18,668
25	4	98 761	29 164,516	555 668,875	19,053	18,587
26	5	98 705	27 759,842	526 504,358	18,966	18,500
27	6	98 651	26 423,436	498 744,517	18,875	18,409
28	7	98 592	25 150,242	472 321,081	18,780	18,314
29	8	98 537	23 939,093	447 170,840	18,680	18,213
30	9	98 474	22 784,671	423 231,747	18,575	18,109
31	10	98 411	21 685,782	400 447,076	18,466	17,999
32	11	98 337	20 637,686	378 761,294	18,353	17,886
33	12	98 261	19 639,707	358 123,608	18,235	17,768
34	13	98 184	18 689,723	338 483,900	18,111	17,644
35	14	98 096	17 783,878	319 794,177	17,982	17,516
36	15	97 999	16 920,215	302 010,299	17,849	17,383
37	16	97 900	16 098,178	285 090,084	17,709	17,243
38	17	97 794	15 315,072	268 991,906	17,564	17,097
39	18	97 677	14 568,342	253 676,834	17,413	16,946
40	19	97 551	13 856,646	239 108,492	17,256	16,789
41	20	97 409	13 177,677	225 251,846	17,093	16,627
42	21	97 262	12 531,225	212 074,169	16,924	16,457
43	22	97 101	11 914,744	199 542,944	16,748	16,281
44	23	96 925	11 326,832	187 628,199	16,565	16,099
45	24	96 730	10 765,753	176 301,367	16,376	15,910
46	25	96 516	10 230,403	165 535,614	16,181	15,714
47	26	96 287	9 720,141	155 305,211	15,978	15,511
48	27	96 029	9 232,470	145 585,070	15,769	15,302
49	28	95 741	8 766,427	136 352,600	15,554	15,088
50	29	95 416	8 320,629	127 586,173	15,334	14,867
51	30	95 056	7 894,489	119 265,544	15,107	14,641
52	31	94 661	7 487,308	111 371,055	14,875	14,408
53	32	94 212	7 096,948	103 883,747	14,638	14,171
54	33	93 709	6 722,961	96 786,800	14,396	13,930
55	34	93 154	6 364,863	90 063,839	14,150	13,684
56	35	92 545	6 022,148	83 698,976	13,899	13,432
57	36	91 876	5 693,912	77 676,827	13,642	13,176
58	37	91 140	5 379,360	71 982,916	13,381	12,915
59	38	90 329	5 077,620	66 603,556	13,117	12,651
60	39	89 441	4 788,289	61 525,936	12,849	12,383
61	40	88 491	4 511,796	56 737,647	12,575	12,109
62	41	87 459	4 246,849	52 225,851	12,298	11,831
63	42	86 332	3 992,522	47 979,002	12,017	11,551
64	43	85 133	3 749,598	43 986,481	11,731	11,265
65	44	83 842	3 516,894	40 236,883	11,441	10,975
66	45	82 470	3 294,589	36 719,989	11,146	10,679
67	46	81 032	3 082,984	33 425,400	10,842	10,375
68	47	79 476	2 879,798	30 342,416	10,536	10,070
69	48	77 877	2 687,510	27 462,618	10,219	9,752
70	49	76 148	2 502,708	24 775,108	9,899	9,433
71	50	74 308	2 325,909	22 272,400	9,576	9,109
72	51	72 352	2 156,863	19 946,491	9,248	8,782
73	52	70 305	1 996,023	17 789,629	8,913	8,446
74	53	68 148	1 842,648	15 793,606	8,571	8,105
75	54	65 860	1 695,995	13 950,958	8,226	7,759
76	55	63 427	1 555,567	12 254,964	7,878	7,412
77	56	60 837	1 421,002	10 699,396	7,529	7,063
78	57	58 116	1 292,808	9 278,394	7,177	6,711
79	58	55 208	1 169,622	7 985,587	6,827	6,361
80	59	52 091	1 051,036	6 815,965	6,485	6,019
81	60	48 802	937,792	5 764,929	6,147	5,681
82	61	45 310	829,217	4 827,137	5,821	5,355
83	62	41 687	726,593	3 997,920	5,502	5,036
84	63	37 920	629,463	3 271,326	5,197	4,731
85	64	34 080	538,772	2 641,864	4,903	4,437
86	65	30 194	454,612	2 103,091	4,626	4,160
87	66	26 357	377,946	1 648,480	4,362	3,895
88	67	22 652	309,353	1 270,533	4,107	3,641
89	68	19 123	248,721	961,180	3,864	3,398
90	69	15 853	196,371	712,459	3,628	3,162
91	70	12 861	151,725	516,088	3,401	2,935
92	71	10 133	113,849	364,363	3,200	2,734
93	72	7 756	82,988	250,514	3,019	2,552
94	73	5 780	58,903	167,526	2,844	2,378
95	74	4 134	40,124	108,622	2,707	2,241
96	75	2 902	26,820	68,498	2,554	2,088
97	76	1 957	17,223	41,678	2,420	1,953
98	77	1 267	10,622	24,454	2,302	1,836
99	78	789	6,300	13,833	2,196	1,729
100	79	472	3,588	7,532	2,099	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	33 928,491	652 635,780	19,236	18,769
23	1	98 901	32 199,318	618 707,289	19,215	18,749
24	2	98 833	30 644,852	586 507,972	19,139	18,672
25	3	98 773	29 167,991	555 863,119	19,057	18,591
26	4	98 714	27 762,366	526 695,128	18,972	18,505
27	5	98 658	26 425,417	498 932,762	18,881	18,414
28	6	98 599	25 151,897	472 507,345	18,786	18,320
29	7	98 541	23 940,273	447 355,447	18,686	18,220
30	8	98 480	22 786,082	423 415,174	18,582	18,116
31	9	98 417	21 687,185	400 629,092	18,473	18,007
32	10	98 343	20 638,909	378 941,907	18,361	17,894
33	11	98 268	19 641,170	358 302,998	18,242	17,776
34	12	98 191	18 691,202	338 661,828	18,119	17,652
35	13	98 105	17 785,403	319 970,626	17,991	17,524
36	14	98 009	16 921,991	302 185,223	17,858	17,391
37	15	97 912	16 100,193	285 263,233	17,718	17,252
38	16	97 808	15 317,233	269 163,040	17,573	17,106
39	17	97 691	14 570,475	253 845,807	17,422	16,956
40	18	97 571	13 859,468	239 275,332	17,264	16,798
41	19	97 428	13 180,221	225 415,863	17,103	16,636
42	20	97 280	12 533,546	212 235,642	16,933	16,467
43	21	97 117	11 916,717	199 702,096	16,758	16,292
44	22	96 942	11 328,793	187 785,379	16,576	16,110
45	23	96 751	10 768,090	176 456,586	16,387	15,921
46	24	96 533	10 232,138	165 688,496	16,193	15,727
47	25	96 305	9 721,954	155 456,358	15,990	15,524
48	26	96 048	9 234,266	145 734,404	15,782	15,316
49	27	95 762	8 768,342	136 500,138	15,567	15,101
50	28	95 440	8 322,705	127 731,796	15,347	14,881
51	29	95 080	7 896,532	119 409,092	15,122	14,655
52	30	94 689	7 489,532	111 512,559	14,889	14,423
53	31	94 242	7 099,214	104 023,027	14,653	14,186
54	32	93 742	6 725,295	96 923,814	14,412	13,945
55	33	93 187	6 367,130	90 198,518	14,166	13,700
56	34	92 581	6 024,505	83 831,389	13,915	13,449
57	35	91 913	5 696,204	77 806,884	13,659	13,193
58	36	91 183	5 381,883	72 110,680	13,399	12,932
59	37	90 371	5 079,958	66 728,796	13,136	12,669
60	38	89 494	4 791,095	61 648,839	12,867	12,401
61	39	88 543	4 514,485	56 857,744	12,595	12,128
62	40	87 518	4 249,733	52 343,258	12,317	11,850
63	41	86 398	3 995,570	48 093,525	12,037	11,570
64	42	85 204	3 752,712	44 097,956	11,751	11,285
65	43	83 918	3 520,062	40 345,244	11,462	10,995
66	44	82 554	3 297,953	36 825,182	11,166	10,700
67	45	81 122	3 086,416	33 527,229	10,863	10,396
68	46	79 577	2 883,459	30 440,813	10,557	10,091
69	47	77 989	2 691,368	27 557,354	10,239	9,773
70	48	76 270	2 506,718	24 865,986	9,920	9,453
71	49	74 442	2 330,130	22 359,269	9,596	9,129
72	50	72 495	2 161,121	20 029,139	9,268	8,802
73	51	70 460	2 000,441	17 868,017	8,932	8,466
74	52	68 315	1 847,183	15 867,576	8,590	8,124
75	53	66 041	1 700,643	14 020,393	8,244	7,778
76	54	63 619	1 560,263	12 319,750	7,896	7,430
77	55	61 040	1 425,726	10 759,487	7,547	7,080
78	56	58 328	1 297,503	9 333,761	7,194	6,727
79	57	55 429	1 174,310	8 036,258	6,843	6,377
80	58	52 322	1 055,692	6 861,948	6,500	6,034
81	59	49 039	942,344	5 806,256	6,162	5,695
82	60	45 555	833,712	4 863,912	5,834	5,368
83	61	41 922	730,682	4 030,200	5,516	5,049
84	62	38 152	633,311	3 299,519	5,210	4,744
85	63	34 306	542,343	2 666,208	4,916	4,450
86	64	30 416	457,949	2 123,864	4,638	4,171
87	65	26 570	380,999	1 665,915	4,372	3,906
88	66	22 852	312,080	1 284,916	4,117	3,651
89	67	19 310	251,156	972,837	3,873	3,407
90	68	16 017	198,398	721,681	3,638	3,171
91	69	13 007	153,440	523,284	3,410	2,944
92	70	10 258	115,253	369,844	3,209	2,743
93	71	7 861	84,114	254,591	3,027	2,560
94	72	5 865	59,765	170,477	2,852	2,386
95	73	4 199	40,755	110,712	2,716	2,250
96	74	2 952	27,287	69,957	2,564	2,097
97	75	1 995	17,558	42,669	2,430	1,964
98	76	1 295	10,859	25,111	2,313	1,846
99	77	809	6,458	14,252	2,207	1,741
100	78	485	3,692	7,794	2,111	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	32 298,275	618 994,082	19,165	18,699
24	1	98 856	30 651,935	586 695,807	19,141	18,674
25	2	98 785	29 171,465	556 043,872	19,061	18,595
26	3	98 726	27 765,674	526 872,407	18,976	18,509
27	4	98 667	26 427,821	499 106,733	18,886	18,419
28	5	98 606	25 153,784	472 678,913	18,792	18,325
29	6	98 548	23 941,849	447 525,129	18,692	18,226
30	7	98 485	22 787,205	423 583,280	18,589	18,122
31	8	98 423	21 688,528	400 796,075	18,480	18,013
32	9	98 350	20 640,245	379 107,547	18,367	17,901
33	10	98 274	19 642,334	358 467,302	18,250	17,783
34	11	98 199	18 692,594	338 824,968	18,126	17,660
35	12	98 112	17 786,810	320 132,374	17,998	17,532
36	13	98 017	16 923,442	302 345,564	17,865	17,399
37	14	97 922	16 101,882	285 422,123	17,726	17,260
38	15	97 820	15 319,150	269 320,240	17,581	17,114
39	16	97 705	14 572,531	254 001,091	17,430	16,964
40	17	97 585	13 861,498	239 428,559	17,273	16,807
41	18	97 448	13 182,906	225 567,061	17,111	16,644
42	19	97 299	12 535,966	212 384,156	16,942	16,476
43	20	97 135	11 918,924	199 848,190	16,767	16,301
44	21	96 958	11 330,669	187 929,266	16,586	16,119
45	22	96 768	10 769,953	176 598,597	16,397	15,931
46	23	96 554	10 234,359	165 828,644	16,203	15,737
47	24	96 322	9 723,603	155 594,285	16,002	15,535
48	25	96 066	9 235,988	145 870,682	15,794	15,327
49	26	95 781	8 770,048	136 634,694	15,580	15,113
50	27	95 461	8 324,523	127 864,645	15,360	14,894
51	28	95 104	7 898,502	119 540,122	15,135	14,668
52	29	94 713	7 491,471	111 641,620	14,902	14,436
53	30	94 270	7 101,322	104 150,149	14,666	14,200
54	31	93 772	6 727,443	97 048,827	14,426	13,959
55	32	93 219	6 369,340	90 321,385	14,181	13,714
56	33	92 614	6 026,650	83 952,044	13,930	13,464
57	34	91 949	5 698,433	77 925,394	13,675	13,208
58	35	91 220	5 384,050	72 226,961	13,415	12,949
59	36	90 413	5 082,341	66 842,911	13,152	12,686
60	37	89 535	4 793,301	61 760,570	12,885	12,418
61	38	88 595	4 517,131	56 967,269	12,611	12,145
62	39	87 570	4 252,266	52 450,138	12,335	11,868
63	40	86 457	3 998,283	48 197,872	12,055	11,588
64	41	85 269	3 755,577	44 199,589	11,769	11,303
65	42	83 988	3 522,986	40 444,012	11,480	11,014
66	43	82 628	3 300,923	36 921,027	11,185	10,719
67	44	81 205	3 089,567	33 620,103	10,882	10,415
68	45	79 665	2 886,669	30 530,536	10,576	10,110
69	46	78 088	2 694,790	27 643,867	10,258	9,792
70	47	76 380	2 510,316	24 949,077	9,939	9,472
71	48	74 562	2 333,863	22 438,761	9,614	9,148
72	49	72 627	2 165,043	20 104,898	9,286	8,820
73	50	70 599	2 004,391	17 939,855	8,950	8,484
74	51	68 467	1 851,273	15 935,464	8,608	8,141
75	52	66 203	1 704,829	14 084,191	8,261	7,795
76	53	63 793	1 564,539	12 379,363	7,912	7,446
77	54	61 224	1 430,030	10 814,824	7,563	7,096
78	55	58 521	1 301,817	9 384,794	7,209	6,743
79	56	55 630	1 178,575	8 082,977	6,858	6,392
80	57	52 531	1 059,924	6 904,402	6,514	6,048
81	58	49 256	946,518	5 844,478	6,175	5,708
82	59	45 776	837,758	4 897,960	5,847	5,380
83	60	42 149	734,642	4 060,202	5,527	5,060
84	61	38 367	636,874	3 325,560	5,222	4,755
85	62	34 515	545,659	2 688,685	4,927	4,461
86	63	30 617	460,984	2 143,026	4,649	4,182
87	64	26 765	383,796	1 682,042	4,383	3,916
88	65	23 037	314,600	1 298,246	4,127	3,660
89	66	19 481	253,369	983,646	3,882	3,416
90	67	16 174	200,340	730,277	3,645	3,179
91	68	13 141	155,023	529,938	3,418	2,952
92	69	10 374	116,555	374,914	3,217	2,750
93	70	7 958	85,152	258,359	3,034	2,568
94	71	5 944	60,576	173,207	2,859	2,393
95	72	4 261	41,351	112,632	2,724	2,257
96	73	2 999	27,716	71,280	2,572	2,105
97	74	2 029	17,864	43,564	2,439	1,972
98	75	1 320	11,070	25,700	2,322	1,855
99	76	827	6,602	14,630	2,216	1,750
100	77	498	3,784	8,028	2,121	1,655

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	30 746,136	586 961,802	19,091	18,624
25	1	98 808	29 178,207	556 215,665	19,063	18,596
26	2	98 737	27 768,981	527 037,458	18,979	18,513
27	3	98 679	26 430,969	499 268,478	18,890	18,423
28	4	98 615	25 156,071	472 837,508	18,796	18,330
29	5	98 555	23 943,645	447 681,437	18,697	18,231
30	6	98 491	22 788,705	423 737,792	18,594	18,128
31	7	98 428	21 689,597	400 949,087	18,486	18,019
32	8	98 356	20 641,523	379 259,490	18,374	17,907
33	9	98 281	19 643,605	358 617,967	18,256	17,790
34	10	98 205	18 693,702	338 974,362	18,133	17,667
35	11	98 120	17 788,135	320 280,660	18,005	17,539
36	12	98 025	16 924,781	302 492,526	17,873	17,406
37	13	97 930	16 103,263	285 567,745	17,734	17,267
38	14	97 830	15 320,757	269 464,482	17,588	17,122
39	15	97 717	14 574,354	254 143,725	17,438	16,971
40	16	97 599	13 863,454	239 569,371	17,281	16,814
41	17	97 462	13 184,836	225 705,916	17,119	16,652
42	18	97 319	12 538,519	212 521,080	16,949	16,483
43	19	97 154	11 921,225	199 982,561	16,775	16,309
44	20	96 976	11 332,767	188 061,335	16,594	16,128
45	21	96 784	10 771,737	176 728,568	16,407	15,940
46	22	96 570	10 236,130	165 956,832	16,213	15,746
47	23	96 343	9 725,713	155 720,702	16,011	15,545
48	24	96 082	9 237,555	145 994,988	15,805	15,338
49	25	95 798	8 771,684	136 757,434	15,591	15,124
50	26	95 479	8 326,143	127 985,750	15,372	14,905
51	27	95 125	7 900,228	119 659,607	15,146	14,680
52	28	94 737	7 493,339	111 759,379	14,914	14,448
53	29	94 294	7 103,160	104 266,039	14,679	14,212
54	30	93 800	6 729,441	97 162,879	14,438	13,972
55	31	93 249	6 371,374	90 433,438	14,194	13,727
56	32	92 646	6 028,743	84 062,064	13,944	13,477
57	33	91 981	5 700,463	78 033,322	13,689	13,223
58	34	91 255	5 386,157	72 332,859	13,429	12,963
59	35	90 450	5 084,387	66 946,702	13,167	12,701
60	36	89 577	4 795,549	61 862,315	12,900	12,434
61	37	88 636	4 519,211	57 066,766	12,628	12,161
62	38	87 622	4 254,758	52 547,555	12,350	11,884
63	39	86 508	4 000,667	48 292,797	12,071	11,605
64	40	85 327	3 758,127	44 292,131	11,786	11,319
65	41	84 052	3 525,675	40 534,003	11,497	11,030
66	42	82 697	3 303,665	37 008,328	11,202	10,736
67	43	81 278	3 092,350	33 704,663	10,899	10,433
68	44	79 747	2 889,617	30 612,314	10,594	10,127
69	45	78 175	2 697,790	27 722,697	10,276	9,810
70	46	76 477	2 513,508	25 024,907	9,956	9,490
71	47	74 669	2 337,214	22 511,400	9,632	9,165
72	48	72 743	2 168,512	20 174,186	9,303	8,837
73	49	70 728	2 008,029	18 005,674	8,967	8,500
74	50	68 602	1 854,928	15 997,645	8,624	8,158
75	51	66 350	1 708,603	14 142,717	8,277	7,811
76	52	63 950	1 568,390	12 434,115	7,928	7,462
77	53	61 392	1 433,949	10 865,725	7,577	7,111
78	54	58 698	1 305,747	9 431,776	7,223	6,757
79	55	55 815	1 182,493	8 126,029	6,872	6,406
80	56	52 722	1 063,773	6 943,537	6,527	6,061
81	57	49 454	950,312	5 879,763	6,187	5,721
82	58	45 979	841,470	4 929,451	5,858	5,392
83	59	42 354	738,208	4 087,981	5,538	5,071
84	60	38 575	640,326	3 349,774	5,231	4,765
85	61	34 710	548,729	2 709,447	4,938	4,471
86	62	30 804	463,803	2 160,718	4,659	4,192
87	63	26 943	386,340	1 696,915	4,392	3,926
88	64	23 206	316,910	1 310,576	4,135	3,669
89	65	19 638	255,415	993,666	3,890	3,424
90	66	16 316	202,105	738,251	3,653	3,186
91	67	13 269	156,541	536,146	3,425	2,959
92	68	10 481	117,758	379,605	3,224	2,757
93	69	8 048	86,114	261,847	3,041	2,574
94	70	6 018	61,323	175,733	2,866	2,399
95	71	4 318	41,913	114,410	2,730	2,263
96	72	3 042	28,122	72,498	2,578	2,112
97	73	2 061	18,145	44,376	2,446	1,979
98	74	1 343	11,262	26,231	2,329	1,863
99	75	843	6,731	14,969	2,224	1,758
100	76	509	3,869	8,238	2,129	1,663

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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24						
25	0	99 111	29 267,880	556 462,428	19,013	18,546
26	1	98 760	27 775,398	527 194,548	18,981	18,514
27	2	98 691	26 434,117	499 419,150	18,893	18,427
28	3	98 627	25 159,068	472 985,033	18,800	18,333
29	4	98 564	23 945,822	447 825,964	18,702	18,235
30	5	98 499	22 790,414	423 880,142	18,599	18,133
31	6	98 435	21 691,025	401 089,727	18,491	18,025
32	7	98 360	20 642,540	379 398,703	18,379	17,913
33	8	98 287	19 644,822	358 756,162	18,262	17,796
34	9	98 211	18 694,911	339 111,341	18,139	17,673
35	10	98 125	17 789,189	320 416,429	18,012	17,545
36	11	98 033	16 926,041	302 627,241	17,879	17,413
37	12	97 938	16 104,537	285 701,199	17,740	17,274
38	13	97 839	15 322,071	269 596,662	17,595	17,129
39	14	97 728	14 575,884	254 274,592	17,445	16,978
40	15	97 611	13 865,189	239 698,708	17,288	16,821
41	16	97 476	13 186,697	225 833,519	17,126	16,659
42	17	97 333	12 540,355	212 646,822	16,957	16,491
43	18	97 174	11 923,654	200 106,467	16,782	16,316
44	19	96 995	11 334,955	188 182,813	16,602	16,136
45	20	96 802	10 773,732	176 847,858	16,415	15,948
46	21	96 586	10 237,825	166 074,127	16,222	15,755
47	22	96 359	9 727,397	155 836,302	16,020	15,554
48	23	96 103	9 239,560	146 108,905	15,813	15,347
49	24	95 815	8 773,172	136 869,345	15,601	15,134
50	25	95 497	8 327,696	128 096,174	15,382	14,916
51	26	95 143	7 901,765	119 768,478	15,157	14,691
52	27	94 758	7 494,976	111 866,713	14,926	14,459
53	28	94 318	7 104,932	104 371,736	14,690	14,224
54	29	93 824	6 731,183	97 266,804	14,450	13,984
55	30	93 277	6 373,266	90 535,621	14,206	13,739
56	31	92 676	6 030,668	84 162,355	13,956	13,489
57	32	92 013	5 702,442	78 131,687	13,701	13,235
58	33	91 288	5 388,075	72 429,245	13,443	12,976
59	34	90 485	5 086,376	67 041,170	13,181	12,714
60	35	89 613	4 797,480	61 954,794	12,914	12,448
61	36	88 678	4 521,330	57 157,314	12,642	12,175
62	37	87 662	4 256,717	52 635,983	12,365	11,899
63	38	86 559	4 003,011	48 379,266	12,086	11,619
64	39	85 378	3 760,367	44 376,255	11,801	11,335
65	40	84 109	3 528,070	40 615,888	11,512	11,046
66	41	82 760	3 306,187	37 087,818	11,218	10,751
67	42	81 345	3 094,918	33 781,631	10,915	10,449
68	43	79 819	2 892,219	30 686,713	10,610	10,144
69	44	78 255	2 700,544	27 794,494	10,292	9,826
70	45	76 562	2 516,306	25 093,949	9,973	9,506
71	46	74 764	2 340,185	22 577,644	9,648	9,181
72	47	72 847	2 171,625	20 237,459	9,319	8,853
73	48	70 841	2 011,246	18 065,834	8,982	8,516
74	49	68 726	1 858,294	16 054,588	8,639	8,173
75	50	66 481	1 711,976	14 196,294	8,292	7,826
76	51	64 092	1 571,862	12 484,317	7,942	7,476
77	52	61 543	1 437,478	10 912,456	7,591	7,125
78	53	58 859	1 309,325	9 474,977	7,237	6,770
79	54	55 984	1 186,063	8 165,652	6,885	6,418
80	55	52 897	1 067,310	6 979,590	6,539	6,073
81	56	49 633	953,764	5 912,280	6,199	5,732
82	57	46 163	844,843	4 958,516	5,869	5,403
83	58	42 541	741,478	4 113,674	5,548	5,082
84	59	38 762	643,434	3 372,196	5,241	4,775
85	60	34 898	551,703	2 728,761	4,946	4,480
86	61	30 978	466,412	2 177,058	4,668	4,201
87	62	27 107	388,702	1 710,646	4,401	3,935
88	63	23 359	319,010	1 321,944	4,144	3,677
89	64	19 782	257,290	1 002,934	3,898	3,432
90	65	16 448	203,738	745,644	3,660	3,193
91	66	13 386	157,920	541,906	3,432	2,965
92	67	10 584	118,911	383,986	3,229	2,763
93	68	8 131	87,003	265,075	3,047	2,580
94	69	6 085	62,016	178,072	2,871	2,405
95	70	4 372	42,430	116,057	2,735	2,269
96	71	3 084	28,503	73,627	2,583	2,117
97	72	2 091	18,410	45,124	2,451	1,985
98	73	1 364	11,440	26,714	2,335	1,869
99	74	858	6,848	15,274	2,231	1,764
100	75	519	3,944	8,427	2,137	1,670

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 929 680,068	19,297	18,830
1	1	99 340	94 384,837	1 829 680,068	19,385	18,919
2	2	99 290	89 631,662	1 735 295,231	19,360	18,893
3	3	99 263	85 137,302	1 645 663,569	19,330	18,863
4	4	99 238	80 870,498	1 560 526,266	19,297	18,830
5	5	99 218	76 820,680	1 479 655,768	19,261	18,794
6	6	99 201	72 976,419	1 402 835,088	19,223	18,756
7	7	99 184	69 324,510	1 329 858,669	19,183	18,716
8	8	99 171	65 857,726	1 260 534,159	19,140	18,673
9	9	99 157	62 563,690	1 194 676,433	19,095	18,629
10	10	99 142	59 434,310	1 132 112,743	19,048	18,581
11	11	99 129	56 461,964	1 072 678,433	18,998	18,531
12	12	99 112	53 636,786	1 016 216,469	18,946	18,479
13	13	99 097	50 953,292	962 579,683	18,891	18,425
14	14	99 079	48 402,900	911 626,391	18,834	18,367
15	15	99 056	45 978,124	863 223,491	18,775	18,308
16	16	99 029	43 672,648	817 245,368	18,713	18,246
17	17	98 990	41 477,661	773 572,720	18,650	18,184
18	18	98 946	39 391,381	732 095,058	18,585	18,118
19	19	98 888	37 404,524	692 703,677	18,519	18,052
20	20	98 828	35 517,044	655 299,153	18,450	17,983
21	21	98 765	33 723,954	619 782,109	18,378	17,911
22	22	98 704	32 022,130	586 058,156	18,302	17,835
23	23	98 643	30 405,842	554 036,026	18,221	17,755
24	24	98 576	28 869,629	523 630,185	18,138	17,671
25	25	98 512	27 411,668	494 760,556	18,049	17,582
26	26	98 446	26 026,955	467 348,888	17,956	17,490
27	27	98 380	24 712,172	441 321,933	17,858	17,392
28	28	98 307	23 461,982	416 609,761	17,757	17,290
29	29	98 232	22 274,631	393 147,779	17,650	17,183
30	30	98 150	21 145,953	370 873,148	17,539	17,072
31	31	98 064	20 073,630	349 727,195	17,422	16,955
32	32	97 966	19 053,120	329 653,565	17,302	16,835
33	33	97 863	18 083,768	310 600,444	17,176	16,709
34	34	97 759	17 163,414	292 516,677	17,043	16,576
35	35	97 642	16 287,777	275 353,263	16,906	16,439
36	36	97 516	15 455,361	259 065,486	16,762	16,295
37	37	97 384	14 664,521	243 610,125	16,612	16,145
38	38	97 248	13 913,575	228 945,604	16,455	15,988
39	39	97 089	13 197,941	215 032,029	16,293	15,826
40	40	96 925	12 518,464	201 834,088	16,123	15,656
41	41	96 737	11 871,018	189 315,624	15,948	15,481
42	42	96 536	11 255,345	177 444,606	15,765	15,299
43	43	96 312	10 669,120	166 189,261	15,577	15,110
44	44	96 067	10 111,222	155 520,142	15,381	14,914
45	45	95 797	9 579,831	145 408,919	15,179	14,712
46	46	95 495	9 073,270	135 829,089	14,970	14,503
47	47	95 165	8 590,927	126 755,819	14,755	14,288
48	48	94 793	8 130,440	118 164,892	14,534	14,067
49	49	94 378	7 691,049	110 034,452	14,307	13,840
50	50	93 910	7 271,219	102 343,404	14,075	13,608
51	51	93 395	6 870,653	95 072,185	13,837	13,371
52	52	92 829	6 488,369	88 201,532	13,594	13,127
53	53	92 192	6 122,371	81 713,163	13,347	12,880
54	54	91 481	5 772,155	75 590,792	13,096	12,629
55	55	90 697	5 437,249	69 818,638	12,841	12,374
56	56	89 841	5 117,258	64 381,389	12,581	12,114
57	57	88 905	4 811,319	59 264,131	12,318	11,851
58	58	87 882	4 518,742	54 452,812	12,050	11,584
59	59	86 756	4 238,328	49 934,070	11,782	11,315
60	60	85 538	3 970,394	45 695,742	11,509	11,042
61	61	84 223	3 714,335	41 725,348	11,234	10,767
62	62	82 831	3 470,753	38 011,013	10,952	10,485
63	63	81 330	3 237,842	34 540,261	10,668	10,201
64	64	79 738	3 016,142	31 302,418	10,378	9,912
65	65	78 027	2 804,195	28 286,276	10,087	9,620
66	66	76 212	2 602,357	25 482,081	9,792	9,325
67	67	74 312	2 410,887	22 879,724	9,490	9,023
68	68	72 270	2 227,696	20 468,837	9,188	8,722
69	69	70 194	2 055,773	18 241,142	8,873	8,406
70	70	67 978	1 891,552	16 185,369	8,557	8,090
71	71	65 645	1 735,528	14 293,817	8,236	7,769
72	72	63 186	1 587,197	12 558,288	7,912	7,445
73	73	60 647	1 447,431	10 971,092	7,580	7,113
74	74	58 019	1 315,627	9 523,661	7,239	6,772
75	75	55 263	1 190,629	8 208,034	6,894	6,427
76	76	52 364	1 071,904	7 017,405	6,547	6,080
77	77	49 293	958,709	5 945,500	6,202	5,735
78	78	46 104	851,954	4 986,792	5,853	5,387
79	79	42 737	750,332	4 134,838	5,511	5,044
80	80	39 169	653,392	3 384,505	5,180	4,713
81	81	35 458	561,983	2 731,113	4,860	4,393
82	82	31 640	476,463	2 169,130	4,553	4,086
83	83	27 801	397,763	1 692,667	4,255	3,789
84	84	23 966	325,784	1 294,904	3,975	3,508
85	85	20 224	261,204	969,120	3,710	3,243
86	86	16 656	204,389	707,916	3,464	2,997
87	87	13 353	155,693	503,527	3,234	2,767
88	88	10 406	115,276	347,834	3,017	2,551
89	89	7 852	82,646	232,558	2,814	2,347
90	90	5 716	57,158	149,911	2,623	2,156
91	91	3 996	37,964	92,753	2,443	1,976
92	92	2 654	23,956	54,789	2,287	1,820
93	93	1 672	14,345	30,833	2,149	1,683
94	94	1 000	8,150	16,488	2,023	1,556
95	95	556	4,303	8,338	1,938	1,471
96	96	298	2,192	4,035	1,841	1,374
97	97	150	1,046	1,843	1,762	1,295
98	98	72	0,476	0,797	1,676	1,209
99	99	32	0,201	0,321	1,602	1,135
100	100	13	0,078	0,121	1,538	1,071

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 928 161,081	19,341	18,874	50	51	93 725	7 256,890	101 491,163	13,985	13,519
1	2	99 317	94 363,029	1 828 467,467	19,377	18,910	51	52	93 189	6 855,477	94 234,273	13,746	13,279
2	3	99 278	89 620,989	1 734 104,438	19,349	18,883	52	53	92 601	6 472,438	87 378,796	13,500	13,033
3	4	99 251	85 127,159	1 644 483,449	19,318	18,851	53	54	91 940	6 105,637	80 906,358	13,251	12,784
4	5	99 229	80 863,145	1 559 356,290	19,284	18,817	54	55	91 206	5 754,783	74 800,721	12,998	12,531
5	6	99 210	76 814,919	1 478 493,145	19,247	18,781	55	56	90 397	5 419,233	69 045,938	12,741	12,274
6	7	99 194	72 971,615	1 401 678,226	19,209	18,742	56	57	89 516	5 098,739	63 626,705	12,479	12,012
7	8	99 179	69 321,093	1 328 706,611	19,167	18,701	57	58	88 550	4 792,111	58 527,966	12,213	11,747
8	9	99 165	65 853,648	1 259 385,518	19,124	18,657	58	59	87 494	4 498,812	53 735,855	11,944	11,478
9	10	99 150	62 559,642	1 193 531,870	19,078	18,612	59	60	86 337	4 217,857	49 237,043	11,673	11,207
10	11	99 136	59 430,788	1 130 972,228	19,030	18,563	60	61	85 077	3 948,989	45 019,187	11,400	10,933
11	12	99 121	56 457,759	1 071 541,440	18,980	18,513	61	62	83 752	3 693,553	41 070,197	11,119	10,653
12	13	99 105	53 632,542	1 015 083,681	18,927	18,460	62	63	82 328	3 449,662	37 376,644	10,835	10,368
13	14	99 088	50 948,924	961 451,139	18,871	18,404	63	64	80 794	3 216,523	33 926,982	10,548	10,081
14	15	99 068	48 397,820	910 502,215	18,813	18,346	64	65	79 157	2 994,162	30 710,459	10,257	9,790
15	16	99 044	45 972,372	862 104,394	18,753	18,286	65	66	77 402	2 781,727	27 716,296	9,964	9,497
16	17	99 015	43 666,486	816 132,023	18,690	18,223	66	67	75 547	2 579,624	24 934,569	9,666	9,199
17	18	98 975	41 471,588	772 465,537	18,626	18,160	67	68	73 591	2 387,515	22 354,945	9,363	8,896
18	19	98 926	39 383,359	730 993,948	18,561	18,094	68	69	71 532	2 204,940	19 967,430	9,056	8,589
19	20	98 869	37 397,304	691 610,589	18,494	18,027	69	70	69 410	2 032,805	17 762,490	8,738	8,271
20	21	98 809	35 510,467	654 213,285	18,423	17,956	70	71	67 149	1 868,506	15 729,685	8,418	7,952
21	22	98 749	33 718,370	618 702,818	18,349	17,882	71	72	64 766	1 712,289	13 861,178	8,095	7,628
22	23	98 687	32 016,588	584 984,447	18,271	17,804	72	73	62 276	1 564,326	12 148,889	7,766	7,299
23	24	98 621	30 399,244	552 967,859	18,190	17,723	73	74	59 708	1 425,021	10 584,563	7,428	6,961
24	25	98 559	28 864,733	522 568,615	18,104	17,637	74	75	57 026	1 293,119	9 159,543	7,083	6,616
25	26	98 493	27 406,556	493 703,882	18,014	17,547	75	76	54 209	1 167,927	7 866,423	6,735	6,269
26	27	98 427	26 021,891	466 297,325	17,919	17,453	76	77	51 221	1 048,509	6 698,497	6,389	5,922
27	28	98 359	24 706,774	440 275,434	17,820	17,353	77	78	48 088	935,266	5 649,988	6,041	5,574
28	29	98 282	23 456,131	415 568,660	17,717	17,250	78	79	44 809	828,014	4 714,722	5,694	5,227
29	30	98 206	22 268,867	392 112,529	17,608	17,141	79	80	41 330	725,629	3 886,708	5,356	4,890
30	31	98 121	21 139,674	369 843,662	17,495	17,028	80	81	37 665	628,296	3 161,079	5,031	4,564
31	32	98 033	20 067,222	348 703,988	17,377	16,910	81	82	33 896	537,221	2 532,782	4,715	4,248
32	33	97 932	19 046,508	328 636,766	17,254	16,788	82	83	30 048	452,478	1 995,561	4,410	3,944
33	34	97 828	18 077,329	309 590,258	17,126	16,659	83	84	26 186	374,660	1 543,084	4,119	3,652
34	35	97 720	17 156,701	291 512,929	16,991	16,524	84	85	22 355	303,885	1 168,424	3,845	3,378
35	36	97 602	16 281,221	274 356,228	16,851	16,384	85	86	18 662	241,034	864,539	3,587	3,120
36	37	97 470	15 448,115	258 075,007	16,706	16,239	86	87	15 175	186,217	623,506	3,348	2,881
37	38	97 339	14 657,772	242 626,892	16,553	16,086	87	88	12 002	139,939	437,289	3,125	2,658
38	39	97 191	13 905,426	227 969,120	16,394	15,927	88	89	9 211	102,040	297,350	2,914	2,447
39	40	97 031	13 190,079	214 063,694	16,229	15,762	89	90	6 824	71,826	195,311	2,719	2,252
40	41	96 859	12 509,968	200 873,615	16,057	15,590	90	91	4 870	48,702	123,484	2,535	2,069
41	42	96 664	11 861,962	188 363,647	15,880	15,413	91	92	3 327	31,612	74,782	2,366	1,899
42	43	96 455	11 246,005	176 501,685	15,695	15,228	92	93	2 156	19,463	43,170	2,218	1,751
43	44	96 225	10 659,518	165 255,680	15,503	15,036	93	94	1 323	11,344	23,708	2,090	1,623
44	45	95 969	10 100,909	154 596,162	15,305	14,838	94	95	765	6,234	12,364	1,983	1,517
45	46	95 691	9 569,178	144 495,253	15,100	14,633	95	96	417	3,231	6,130	1,897	1,430
46	47	95 374	9 061,749	134 926,075	14,890	14,423	96	97	218	1,601	2,899	1,810	1,343
47	48	95 029	8 578,612	125 864,326	14,672	14,205	97	98	108	0,756	1,297	1,716	1,249
48	49	94 641	8 117,434	117 285,714	14,449	13,982	98	99	50	0,331	0,541	1,637	1,170
49	50	94 207	7 677,117	109 168,280	14,220	13,753	99	100	21	0,134	0,211	1,568	1,102

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 926 845,346	19,332	18,865
1	3	99 305	94 351,793	1 827 174,767	19,366	18,899
2	4	99 266	89 610,312	1 732 822,975	19,337	18,871
3	5	99 242	85 119,419	1 643 212,663	19,305	18,838
4	6	99 222	80 857,080	1 558 093,244	19,270	18,803
5	7	99 204	76 809,863	1 477 236,164	19,232	18,766
6	8	99 189	72 968,018	1 400 426,301	19,192	18,726
7	9	99 173	69 316,801	1 327 458,283	19,151	18,684
8	10	99 158	65 849,387	1 258 141,482	19,106	18,640
9	11	99 144	62 555,935	1 192 292,095	19,060	18,593
10	12	99 129	59 426,361	1 129 736,160	19,011	18,544
11	13	99 113	56 453,292	1 070 309,799	18,959	18,492
12	14	99 096	53 627,945	1 013 856,506	18,905	18,439
13	15	99 078	50 943,578	960 228,562	18,849	18,382
14	16	99 056	48 391,766	909 284,984	18,790	18,323
15	17	99 030	45 965,885	860 893,218	18,729	18,262
16	18	99 001	43 660,092	814 927,333	18,665	18,198
17	19	98 955	41 463,143	771 267,241	18,601	18,134
18	20	98 907	39 375,757	729 804,098	18,534	18,068
19	21	98 851	37 390,379	690 428,341	18,465	17,999
20	22	98 793	35 504,588	653 037,961	18,393	17,926
21	23	98 731	33 712,536	617 533,373	18,318	17,851
22	24	98 666	32 009,641	583 820,838	18,239	17,772
23	25	98 605	30 394,089	551 811,196	18,155	17,688
24	26	98 541	28 859,351	521 417,107	18,068	17,601
25	27	98 474	27 401,224	492 557,756	17,976	17,509
26	28	98 405	26 016,207	465 156,532	17,879	17,413
27	29	98 334	24 700,612	439 140,325	17,779	17,312
28	30	98 257	23 450,061	414 439,713	17,673	17,206
29	31	98 177	22 262,254	390 989,652	17,563	17,096
30	32	98 090	21 132,927	368 727,397	17,448	16,981
31	33	97 999	20 060,258	347 594,471	17,328	16,861
32	34	97 897	19 039,727	327 534,213	17,203	16,736
33	35	97 790	18 070,259	308 494,486	17,072	16,605
34	36	97 681	17 149,796	290 424,227	16,935	16,468
35	37	97 557	16 273,588	273 274,432	16,793	16,326
36	38	97 425	15 441,005	257 000,844	16,644	16,177
37	39	97 282	14 649,187	241 559,839	16,490	16,023
38	40	97 133	13 897,143	226 910,651	16,328	15,861
39	41	96 965	13 181,127	213 013,508	16,160	15,694
40	42	96 785	12 500,424	199 832,382	15,986	15,519
41	43	96 583	11 852,119	187 331,957	15,806	15,339
42	44	96 369	11 235,885	175 479,838	15,618	15,151
43	45	96 127	10 648,645	164 243,954	15,424	14,957
44	46	95 863	10 089,677	153 595,309	15,223	14,756
45	47	95 569	9 557,028	143 505,632	15,016	14,549
46	48	95 237	9 048,759	133 948,604	14,803	14,336
47	49	94 877	8 564,890	124 899,845	14,583	14,116
48	50	94 470	8 102,730	116 334,956	14,358	13,891
49	51	94 021	7 661,988	108 232,226	14,126	13,659
50	52	93 518	7 240,861	100 570,238	13,889	13,422
51	53	92 960	6 838,645	93 329,377	13,647	13,181
52	54	92 348	6 454,748	86 490,732	13,400	12,933
53	55	91 663	6 087,262	80 035,985	13,148	12,681
54	56	90 904	5 735,715	73 948,723	12,893	12,426
55	57	90 070	5 399,622	68 213,008	12,633	12,166
56	58	89 159	5 078,384	62 813,386	12,369	11,902
57	59	88 159	4 770,975	57 735,003	12,101	11,635
58	60	87 072	4 477,083	52 964,028	11,830	11,363
59	61	85 871	4 195,118	48 486,945	11,558	11,091
60	62	84 601	3 926,894	44 291,827	11,279	10,812
61	63	83 243	3 671,108	40 364,933	10,995	10,529
62	64	81 786	3 426,948	36 693,824	10,707	10,241
63	65	80 205	3 193,083	33 266,876	10,418	9,952
64	66	78 523	2 970,173	30 073,793	10,125	9,658
65	67	76 726	2 757,428	27 103,620	9,829	9,363
66	68	74 814	2 554,616	24 346,192	9,530	9,063
67	69	72 840	2 363,127	21 791,576	9,222	8,755
68	70	70 733	2 180,306	19 428,449	8,911	8,444
69	71	68 564	2 008,039	17 248,143	8,590	8,123
70	72	66 250	1 843,486	15 240,105	8,267	7,800
71	73	63 833	1 687,616	13 396,618	7,938	7,471
72	74	61 312	1 540,106	11 709,002	7,603	7,136
73	75	58 687	1 400,641	10 168,896	7,260	6,793
74	76	55 939	1 268,462	8 768,255	6,913	6,446
75	77	53 026	1 142,435	7 499,793	6,565	6,098
76	78	49 969	1 022,871	6 357,358	6,215	5,748
77	79	46 737	908,985	5 334,487	5,869	5,402
78	80	43 333	800,753	4 425,502	5,527	5,060
79	81	39 742	697,759	3 624,748	5,195	4,728
80	82	36 005	600,612	2 926,989	4,873	4,407
81	83	32 189	510,176	2 326,377	4,560	4,093
82	84	28 302	426,197	1 816,201	4,261	3,795
83	85	24 426	349,475	1 390,004	3,977	3,511
84	86	20 628	280,418	1 040,529	3,711	3,244
85	87	17 003	219,604	760,111	3,461	2,994
86	88	13 639	167,374	540,507	3,229	2,763
87	89	10 624	123,870	373,134	3,012	2,546
88	90	8 005	88,681	249,263	2,811	2,344
89	91	5 815	61,201	160,583	2,624	2,157
90	92	4 055	40,553	99,382	2,451	1,984
91	93	2 703	25,683	58,829	2,291	1,824
92	94	1 705	15,391	33,147	2,154	1,687
93	95	1 012	8,676	17,756	2,046	1,580
94	96	574	4,681	9,079	1,940	1,473
95	97	305	2,360	4,398	1,863	1,397
96	98	157	1,158	2,038	1,760	1,293
97	99	75	0,526	0,880	1,674	1,207
98	100	33	0,221	0,354	1,601	1,134

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 925 443,766	19,320	18,854
1	4	99 293	94 340,552	1 825 785,056	19,353	18,886
2	5	99 257	89 602,163	1 731 444,504	19,324	18,857
3	6	99 234	85 113,035	1 641 842,341	19,290	18,823
4	7	99 215	80 851,758	1 556 729,306	19,254	18,787
5	8	99 199	76 806,076	1 475 877,548	19,216	18,749
6	9	99 183	72 963,500	1 399 071,472	19,175	18,708
7	10	99 167	69 312,316	1 326 107,972	19,132	18,666
8	11	99 152	65 845,485	1 256 795,656	19,087	18,620
9	12	99 137	62 551,275	1 190 950,170	19,040	18,573
10	13	99 121	59 421,660	1 128 398,895	18,990	18,523
11	14	99 105	56 448,453	1 068 977,235	18,937	18,470
12	15	99 086	53 622,317	1 012 528,782	18,883	18,416
13	16	99 066	50 937,205	958 906,464	18,825	18,358
14	17	99 042	48 384,938	907 969,260	18,766	18,299
15	18	99 016	45 959,155	859 584,322	18,703	18,236
16	19	98 981	43 651,201	813 625,167	18,639	18,172
17	20	98 936	41 455,140	769 973,966	18,574	18,107
18	21	98 889	39 368,466	728 518,827	18,505	18,038
19	22	98 834	37 384,189	689 150,361	18,434	17,967
20	23	98 776	35 498,444	651 766,171	18,360	17,894
21	24	98 710	33 705,220	616 267,727	18,284	17,817
22	25	98 649	32 004,213	582 562,507	18,203	17,736
23	26	98 586	30 388,422	550 558,293	18,117	17,651
24	27	98 522	28 853,736	520 169,872	18,028	17,561
25	28	98 453	27 395,239	491 316,135	17,934	17,468
26	29	98 381	26 009,719	463 920,897	17,836	17,370
27	30	98 309	24 694,220	437 911,178	17,733	17,267
28	31	98 228	23 443,098	413 216,958	17,626	17,160
29	32	98 146	22 255,148	389 773,860	17,514	17,047
30	33	98 056	21 125,592	367 518,711	17,397	16,930
31	34	97 964	20 053,116	346 393,119	17,274	16,807
32	35	97 858	19 032,280	326 340,003	17,147	16,680
33	36	97 750	18 062,986	307 307,723	17,013	16,546
34	37	97 635	17 141,755	289 244,738	16,874	16,407
35	38	97 512	16 266,098	272 102,983	16,728	16,261
36	39	97 368	15 431,962	255 836,884	16,578	16,112
37	40	97 224	14 640,461	240 404,922	16,421	15,954
38	41	97 067	13 887,711	225 764,462	16,256	15,790
39	42	96 891	13 171,071	211 876,751	16,087	15,620
40	43	96 705	12 490,051	198 705,679	15,909	15,442
41	44	96 496	11 841,453	186 215,628	15,726	15,259
42	45	96 270	11 224,424	174 374,175	15,535	15,068
43	46	96 020	10 636,804	163 149,751	15,338	14,871
44	47	95 741	10 076,866	152 512,947	15,135	14,668
45	48	95 432	9 543,328	142 436,082	14,925	14,458
46	49	95 085	9 034,284	132 892,754	14,710	14,243
47	50	94 705	8 549,375	123 858,470	14,487	14,021
48	51	94 283	8 086,762	115 309,095	14,259	13,792
49	52	93 813	7 645,064	107 222,333	14,025	13,558
50	53	93 288	7 223,082	99 577,269	13,786	13,319
51	54	92 706	6 819,954	92 354,186	13,542	13,075
52	55	92 070	6 435,321	85 534,232	13,291	12,825
53	56	91 359	6 067,092	79 098,911	13,037	12,571
54	57	90 575	5 714,958	73 031,819	12,779	12,312
55	58	89 710	5 378,065	67 316,861	12,517	12,050
56	59	88 765	5 055,985	61 938,796	12,251	11,784
57	60	87 733	4 747,931	56 882,811	11,981	11,514
58	61	86 602	4 452,947	52 134,880	11,708	11,241
59	62	85 391	4 171,646	47 681,933	11,430	10,963
60	63	84 087	3 903,032	43 510,288	11,148	10,681
61	64	82 694	3 646,936	39 607,255	10,860	10,394
62	65	81 190	3 401,975	35 960,319	10,570	10,104
63	66	79 563	3 167,500	32 558,344	10,279	9,812
64	67	77 837	2 944,227	29 390,844	9,983	9,516
65	68	75 982	2 730,696	26 446,617	9,685	9,218
66	69	74 050	2 528,521	23 715,921	9,379	8,913
67	70	72 026	2 336,726	21 187,400	9,067	8,600
68	71	69 871	2 153,742	18 850,674	8,753	8,286
69	72	67 646	1 981,150	16 696,932	8,428	7,961
70	73	65 296	1 816,923	14 715,782	8,099	7,632
71	74	62 844	1 661,487	12 898,859	7,763	7,297
72	75	60 263	1 513,757	11 237,372	7,423	6,957
73	76	57 568	1 373,934	9 723,614	7,077	6,610
74	77	54 718	1 240,777	8 349,680	6,729	6,263
75	78	51 729	1 114,501	7 108,904	6,379	5,912
76	79	48 565	994,128	5 994,403	6,030	5,563
77	80	45 198	879,058	5 000,275	5,688	5,221
78	81	41 669	769,998	4 121,217	5,352	4,885
79	82	37 991	667,014	3 351,219	5,024	4,557
80	83	34 192	570,376	2 684,205	4,706	4,239
81	84	30 320	480,544	2 113,829	4,399	3,932
82	85	26 400	397,547	1 633,284	4,108	3,642
83	86	22 540	322,488	1 235,737	3,832	3,365
84	87	18 794	255,487	913,249	3,575	3,108
85	88	15 282	197,382	657,762	3,332	2,866
86	89	12 073	148,155	460,380	3,107	2,641
87	90	9 233	107,653	312,225	2,900	2,433
88	91	6 821	75,562	204,571	2,707	2,241
89	92	4 842	50,960	129,010	2,532	2,065
90	93	3 295	32,947	78,050	2,369	1,902
91	94	2 138	20,310	45,104	2,221	1,754
92	95	1 304	11,771	24,794	2,106	1,639
93	96	760	6,516	13,022	1,999	1,532
94	97	420	3,420	6,507	1,903	1,436
95	98	220	1,706	3,087	1,809	1,342
96	99	109	0,805	1,381	1,715	1,248
97	100	50	0,352	0,576	1,635	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 923 938,681	19,308	18,841
1	5	99 284	94 331,973	1 824 291,844	19,339	18,872
2	6	99 250	89 595,444	1 729 959,871	19,309	18,842
3	7	99 228	85 107,433	1 640 364,427	19,274	18,807
4	8	99 210	80 847,772	1 555 256,994	19,237	18,770
5	9	99 193	76 801,321	1 474 409,222	19,198	18,731
6	10	99 177	72 958,779	1 397 607,901	19,156	18,689
7	11	99 161	69 308,209	1 324 649,122	19,112	18,646
8	12	99 145	65 840,581	1 255 340,913	19,066	18,600
9	13	99 129	62 546,327	1 189 500,332	19,018	18,551
10	14	99 113	59 416,566	1 126 954,006	18,967	18,500
11	15	99 095	56 442,530	1 067 537,439	18,914	18,447
12	16	99 073	53 615,609	1 011 094,910	18,858	18,391
13	17	99 052	50 930,017	957 479,301	18,800	18,333
14	18	99 028	48 377,853	906 549,283	18,739	18,272
15	19	98 995	45 949,795	858 171,430	18,676	18,209
16	20	98 961	43 642,775	812 221,635	18,611	18,144
17	21	98 918	41 447,463	768 578,859	18,543	18,077
18	22	98 872	39 361,948	727 131,396	18,473	18,006
19	23	98 817	37 377,720	687 769,447	18,401	17,934
20	24	98 755	35 490,742	650 391,727	18,326	17,859
21	25	98 693	33 699,505	614 900,986	18,247	17,780
22	26	98 631	31 998,246	581 201,481	18,164	17,697
23	27	98 567	30 382,509	549 203,235	18,076	17,610
24	28	98 500	28 847,434	518 820,726	17,985	17,518
25	29	98 428	27 388,406	489 973,292	17,890	17,423
26	30	98 355	26 002,988	462 584,886	17,790	17,323
27	31	98 280	24 686,888	436 581,898	17,685	17,218
28	32	98 196	23 435,615	411 895,010	17,576	17,109
29	33	98 112	22 247,425	388 459,395	17,461	16,994
30	34	98 021	21 118,071	366 211,970	17,341	16,874
31	35	97 926	20 045,273	345 093,900	17,216	16,749
32	36	97 819	19 024,620	325 048,627	17,086	16,619
33	37	97 705	18 054,517	306 024,007	16,950	16,483
34	38	97 590	17 133,866	287 969,490	16,807	16,340
35	39	97 455	16 256,572	270 835,624	16,660	16,193
36	40	97 310	15 422,769	254 579,053	16,507	16,040
37	41	97 158	14 630,524	239 156,283	16,346	15,880
38	42	96 993	13 877,117	224 525,759	16,180	15,713
39	43	96 811	13 160,142	210 648,642	16,007	15,540
40	44	96 618	12 478,811	197 488,500	15,826	15,359
41	45	96 398	11 829,374	185 009,689	15,640	15,173
42	46	96 163	11 211,942	173 180,315	15,446	14,979
43	47	95 898	10 623,298	161 968,373	15,247	14,780
44	48	95 604	10 062,420	151 345,075	15,041	14,574
45	49	95 279	9 528,062	141 282,654	14,828	14,361
46	50	94 912	9 017,919	131 754,592	14,610	14,144
47	51	94 518	8 532,527	122 736,673	14,385	13,918
48	52	94 075	8 068,900	114 204,146	14,154	13,687
49	53	93 583	7 626,293	106 135,246	13,917	13,450
50	54	93 033	7 203,341	98 508,953	13,675	13,209
51	55	92 427	6 799,428	91 305,612	13,428	12,962
52	56	91 765	6 413,999	84 506,184	13,175	12,708
53	57	91 029	6 045,136	78 092,185	12,918	12,451
54	58	90 213	5 692,142	72 047,049	12,657	12,190
55	59	89 315	5 354,345	66 354,907	12,393	11,926
56	60	88 337	5 031,565	61 000,562	12,124	11,657
57	61	87 260	4 722,335	55 968,997	11,852	11,385
58	62	86 118	4 428,032	51 246,663	11,573	11,106
59	63	84 872	4 146,296	46 818,631	11,292	10,825
60	64	83 533	3 877,333	42 672,335	11,006	10,539
61	65	82 092	3 620,360	38 795,002	10,716	10,249
62	66	80 539	3 374,718	35 174,642	10,423	9,956
63	67	78 868	3 139,830	31 799,924	10,128	9,661
64	68	77 082	2 915,685	28 660,094	9,830	9,363
65	69	75 206	2 702,803	25 744,409	9,525	9,058
66	70	73 223	2 500,272	23 041,607	9,216	8,749
67	71	71 148	2 308,256	20 541,334	8,899	8,432
68	72	68 935	2 124,903	18 233,078	8,581	8,114
69	73	66 671	1 952,603	16 108,175	8,250	7,783
70	74	64 285	1 788,792	14 155,572	7,913	7,447
71	75	61 769	1 633,062	12 366,780	7,573	7,106
72	76	59 114	1 484,894	10 733,719	7,229	6,762
73	77	56 311	1 343,946	9 248,825	6,882	6,415
74	78	53 380	1 210,438	7 904,878	6,531	6,064
75	79	50 276	1 083,183	6 694,441	6,180	5,714
76	80	46 966	961,398	5 611,258	5,837	5,370
77	81	43 462	845,295	4 649,860	5,501	5,034
78	82	39 833	736,070	3 804,565	5,169	4,702
79	83	36 079	633,435	3 068,495	4,844	4,377
80	84	32 206	537,248	2 435,059	4,532	4,066
81	85	28 282	448,242	1 897,812	4,234	3,767
82	86	24 361	366,848	1 449,570	3,951	3,485
83	87	20 536	293,816	1 082,722	3,685	3,218
84	88	16 892	229,634	788,905	3,435	2,969
85	89	13 527	174,718	559,271	3,201	2,734
86	90	10 492	128,759	384,553	2,987	2,520
87	91	7 867	91,727	255,795	2,789	2,322
88	92	5 680	62,918	164,067	2,608	2,141
89	93	3 934	41,402	101,150	2,443	1,976
90	94	2 605	26,054	59,748	2,293	1,826
91	95	1 635	15,533	33,694	2,169	1,702
92	96	979	8,840	18,160	2,054	1,588
93	97	555	4,760	9,320	1,958	1,491
94	98	303	2,472	4,560	1,845	1,378
95	99	153	1,186	2,088	1,760	1,293
96	100	73	0,539	0,902	1,673	1,206

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 922 323,462	19,293	18,826
1	6	99 277	94 324,899	1 822 685,686	19,323	18,857
2	7	99 243	89 589,546	1 728 360,787	19,292	18,825
3	8	99 223	85 103,237	1 638 771,241	19,256	18,789
4	9	99 204	80 842,767	1 553 668,004	19,218	18,752
5	10	99 186	76 796,352	1 472 825,237	19,178	18,712
6	11	99 171	72 954,456	1 396 028,886	19,136	18,669
7	12	99 153	69 303,047	1 323 074,430	19,091	18,624
8	13	99 137	65 835,372	1 253 771,383	19,044	18,577
9	14	99 121	62 540,965	1 187 936,011	18,995	18,528
10	15	99 102	59 410,331	1 125 395,046	18,943	18,476
11	16	99 082	56 435,468	1 065 984,715	18,889	18,422
12	17	99 059	53 608,044	1 009 549,246	18,832	18,365
13	18	99 037	50 922,560	955 941,202	18,772	18,306
14	19	99 007	48 368,001	905 018,642	18,711	18,244
15	20	98 976	45 940,926	856 650,641	18,647	18,180
16	21	98 943	43 634,694	810 709,715	18,579	18,113
17	22	98 901	41 440,602	767 075,021	18,510	18,043
18	23	98 855	39 355,137	725 634,419	18,438	17,971
19	24	98 796	37 369,610	686 279,282	18,365	17,898
20	25	98 738	35 484,723	648 909,672	18,287	17,820
21	26	98 675	33 693,221	613 424,949	18,206	17,739
22	27	98 612	31 992,020	579 731,728	18,121	17,654
23	28	98 546	30 375,873	547 739,708	18,032	17,565
24	29	98 476	28 840,239	517 363,835	17,939	17,472
25	30	98 403	27 381,319	488 523,596	17,841	17,375
26	31	98 326	25 995,267	461 142,277	17,739	17,273
27	32	98 248	24 679,008	435 147,010	17,632	17,165
28	33	98 162	23 427,482	410 468,002	17,521	17,054
29	34	98 077	22 239,504	387 040,521	17,403	16,936
30	35	97 982	21 109,811	364 801,017	17,281	16,814
31	36	97 886	20 037,205	343 691,206	17,153	16,686
32	37	97 773	19 015,700	323 654,001	17,020	16,554
33	38	97 660	18 046,208	304 638,301	16,881	16,414
34	39	97 533	17 123,831	286 592,093	16,736	16,270
35	40	97 397	16 246,888	269 468,262	16,586	16,119
36	41	97 244	15 412,302	253 221,374	16,430	15,963
37	42	97 084	14 619,363	237 809,072	16,267	15,800
38	43	96 912	13 865,601	223 189,709	16,097	15,630
39	44	96 723	13 148,299	209 324,108	15,920	15,453
40	45	96 519	12 466,082	196 175,809	15,737	15,270
41	46	96 291	11 816,220	183 709,727	15,547	15,080
42	47	96 041	11 197,706	171 893,507	15,351	14,884
43	48	95 761	10 608,069	160 695,800	15,148	14,682
44	49	95 451	10 046,324	150 087,731	14,940	14,473
45	50	95 107	9 510,803	140 041,407	14,724	14,258
46	51	94 725	9 000,148	130 530,604	14,503	14,036
47	52	94 310	8 513,680	121 530,456	14,275	13,808
48	53	93 844	8 049,089	113 016,776	14,041	13,574
49	54	93 327	7 605,450	104 967,687	13,802	13,335
50	55	92 753	7 181,661	97 362,237	13,557	13,090
51	56	92 121	6 776,899	90 180,576	13,307	12,840
52	57	91 433	6 390,787	83 403,677	13,051	12,584
53	58	90 665	6 021,002	77 012,890	12,791	12,324
54	59	89 815	5 667,037	70 991,888	12,527	12,060
55	60	88 883	5 328,483	65 324,851	12,260	11,793
56	61	87 860	5 004,440	59 996,368	11,989	11,522
57	62	86 772	4 695,913	54 991,928	11,711	11,244
58	63	85 594	4 401,124	50 296,016	11,428	10,961
59	64	84 313	4 118,995	45 894,891	11,142	10,675
60	65	82 925	3 849,077	41 775,896	10,853	10,387
61	66	81 434	3 591,353	37 926,818	10,561	10,094
62	67	79 836	3 345,238	34 335,466	10,264	9,797
63	68	78 103	3 109,392	30 990,227	9,967	9,500
64	69	76 295	2 885,901	27 880,836	9,661	9,194
65	70	74 366	2 672,606	24 994,934	9,352	8,885
66	71	72 331	2 469,810	22 322,328	9,038	8,571
67	72	70 196	2 277,348	19 852,518	8,717	8,251
68	73	67 942	2 094,285	17 575,170	8,392	7,925
69	74	65 639	1 922,371	15 480,886	8,053	7,586
70	75	63 185	1 758,188	13 558,514	7,712	7,245
71	76	60 591	1 601,923	11 800,326	7,366	6,900
72	77	57 823	1 452,484	10 198,402	7,021	6,555
73	78	54 934	1 311,084	8 745,918	6,671	6,204
74	79	51 880	1 176,424	7 434,834	6,320	5,853
75	80	48 621	1 047,521	6 258,410	5,974	5,508
76	81	45 162	924,473	5 210,889	5,637	5,170
77	82	41 547	808,050	4 286,416	5,305	4,838
78	83	37 828	699,015	3 478,367	4,976	4,509
79	84	33 983	596,644	2 779,352	4,658	4,192
80	85	30 042	501,133	2 182,707	4,356	3,889
81	86	26 098	413,628	1 681,574	4,065	3,599
82	87	22 195	334,233	1 267,946	3,794	3,327
83	88	18 458	264,085	933,713	3,536	3,069
84	89	14 953	203,266	669,629	3,294	2,828
85	90	11 756	151,844	466,362	3,071	2,605
86	91	8 940	109,711	314,518	2,867	2,400
87	92	6 551	76,378	204,807	2,681	2,215
88	93	4 614	51,117	128,429	2,512	2,046
89	94	3 111	32,741	77,312	2,361	1,895
90	95	1 993	19,927	44,572	2,237	1,770
91	96	1 228	11,665	24,645	2,113	1,646
92	97	715	6,458	12,980	2,010	1,543
93	98	401	3,441	6,522	1,895	1,429
94	99	211	1,719	3,081	1,792	1,326
95	100	103	0,794	1,362	1,715	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 920 588,370	19,277	18,810
1	7	99 270	94 318,690	1 820 958,066	19,306	18,840
2	8	99 238	89 585,129	1 726 639,376	19,274	18,807
3	9	99 217	85 097,968	1 637 054,247	19,237	18,770
4	10	99 198	80 837,536	1 551 956,279	19,198	18,732
5	11	99 180	76 791,801	1 471 118,743	19,157	18,690
6	12	99 164	72 949,022	1 394 326,942	19,114	18,647
7	13	99 145	69 297,564	1 321 377,920	19,068	18,601
8	14	99 129	65 829,729	1 252 080,356	19,020	18,553
9	15	99 110	62 534,402	1 186 250,628	18,970	18,503
10	16	99 090	59 402,899	1 123 716,225	18,917	18,450
11	17	99 068	56 427,505	1 064 313,326	18,862	18,395
12	18	99 045	53 600,195	1 007 885,821	18,804	18,337
13	19	99 017	50 912,190	954 285,626	18,744	18,277
14	20	98 988	48 358,665	903 373,436	18,681	18,214
15	21	98 958	45 932,419	855 014,771	18,615	18,148
16	22	98 927	43 627,470	809 082,351	18,545	18,078
17	23	98 884	41 433,430	765 454,881	18,474	18,008
18	24	98 834	39 346,597	724 021,451	18,401	17,934
19	25	98 779	37 363,273	684 674,854	18,325	17,858
20	26	98 719	35 478,107	647 311,581	18,245	17,779
21	27	98 656	33 686,666	611 833,474	18,162	17,696
22	28	98 590	31 985,032	578 146,808	18,076	17,609
23	29	98 521	30 368,297	546 161,776	17,985	17,518
24	30	98 450	28 832,776	515 793,479	17,889	17,422
25	31	98 373	27 373,188	486 960,703	17,790	17,323
26	32	98 295	25 986,969	459 587,515	17,685	17,219
27	33	98 214	24 670,443	433 600,546	17,576	17,109
28	34	98 127	23 419,141	408 930,103	17,461	16,995
29	35	98 038	22 230,805	385 510,962	17,341	16,875
30	36	97 943	21 101,315	363 280,157	17,216	16,749
31	37	97 841	20 027,810	342 178,842	17,085	16,618
32	38	97 728	19 006,949	322 151,031	16,949	16,482
33	39	97 603	18 035,639	303 144,083	16,808	16,341
34	40	97 475	17 113,631	285 108,444	16,660	16,193
35	41	97 331	16 235,861	267 994,813	16,506	16,040
36	42	97 170	15 400,544	251 758,952	16,347	15,881
37	43	97 003	14 607,232	236 358,408	16,181	15,714
38	44	96 825	13 853,123	221 751,176	16,007	15,541
39	45	96 625	13 134,887	207 898,053	15,828	15,361
40	46	96 412	12 452,221	194 763,166	15,641	15,174
41	47	96 169	11 801,217	182 310,945	15,448	14,982
42	48	95 903	11 181,654	170 509,729	15,249	14,782
43	49	95 607	10 591,101	159 328,075	15,044	14,577
44	50	95 278	10 028,126	148 736,974	14,832	14,365
45	51	94 919	9 492,060	138 708,848	14,613	14,146
46	52	94 516	8 980,269	129 216,788	14,389	13,922
47	53	94 078	8 492,777	120 236,519	14,158	13,691
48	54	93 588	8 027,089	111 743,742	13,921	13,454
49	55	93 046	7 582,560	103 716,653	13,678	13,212
50	56	92 446	7 157,866	96 134,093	13,431	12,964
51	57	91 788	6 752,374	88 976,227	13,177	12,710
52	58	91 068	6 365,273	82 223,853	12,918	12,451
53	59	90 265	5 994,446	75 858,580	12,655	12,188
54	60	89 381	5 639,665	69 864,134	12,388	11,921
55	61	88 404	5 299,757	64 224,469	12,118	11,652
56	62	87 369	4 976,439	58 924,712	11,841	11,374
57	63	86 245	4 667,377	53 948,273	11,559	11,092
58	64	85 031	4 372,146	49 280,895	11,272	10,805
59	65	83 699	4 088,979	44 908,750	10,983	10,516
60	66	82 260	3 818,238	40 819,771	10,691	10,224
61	67	80 723	3 559,981	37 001,533	10,394	9,927
62	68	79 062	3 312,808	33 441,552	10,095	9,628
63	69	77 305	3 077,630	30 128,744	9,790	9,323
64	70	75 443	2 853,660	27 051,114	9,479	9,013
65	71	73 460	2 640,045	24 197,455	9,166	8,699
66	72	71 362	2 436,739	21 557,410	8,847	8,380
67	73	69 184	2 244,533	19 120,671	8,519	8,052
68	74	66 890	2 061,859	16 876,139	8,185	7,718
69	75	64 516	1 889,483	14 814,279	7,840	7,374
70	76	61 980	1 724,664	12 924,797	7,494	7,027
71	77	59 269	1 566,960	11 200,133	7,148	6,681
72	78	56 409	1 416,968	9 633,173	6,798	6,332
73	79	53 391	1 274,243	8 216,205	6,448	5,981
74	80	50 172	1 137,692	6 941,962	6,102	5,635
75	81	46 753	1 007,288	5 804,270	5,762	5,295
76	82	43 172	883,738	4 796,982	5,428	4,961
77	83	39 455	767,371	3 913,244	5,100	4,633
78	84	35 631	658,415	3 145,873	4,778	4,311
79	85	31 699	556,537	2 487,458	4,470	4,003
80	86	27 722	462,435	1 930,921	4,176	3,709
81	87	23 777	376,853	1 468,486	3,897	3,430
82	88	19 949	300,412	1 091,632	3,634	3,167
83	89	16 338	233,761	791,221	3,385	2,918
84	90	12 995	176,655	557,459	3,156	2,689
85	91	10 017	129,381	380,804	2,943	2,476
86	92	7 444	91,352	251,424	2,752	2,285
87	93	5 322	62,053	160,071	2,580	2,113
88	94	3 649	40,423	98,019	2,425	1,958
89	95	2 379	25,041	57,595	2,300	1,833
90	96	1 496	14,965	32,554	2,175	1,709
91	97	897	8,522	17,590	2,064	1,597
92	98	517	4,669	9,068	1,942	1,476
93	99	279	2,392	4,400	1,839	1,372
94	100	141	1,151	2,007	1,744	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 918 724,651	19,260	18,793
1	8	99 266	94 314,040	1 819 100,906	19,288	18,821
2	9	99 232	89 579,583	1 724 786,865	19,254	18,787
3	10	99 210	85 092,462	1 635 207,282	19,217	18,750
4	11	99 192	80 832,746	1 550 114,820	19,177	18,710
5	12	99 173	76 786,081	1 469 282,075	19,135	18,668
6	13	99 156	72 943,250	1 392 495,993	19,090	18,623
7	14	99 137	69 291,624	1 319 552,743	19,043	18,577
8	15	99 118	65 822,821	1 250 261,119	18,994	18,528
9	16	99 098	62 526,579	1 184 438,298	18,943	18,476
10	17	99 076	59 394,517	1 121 911,719	18,889	18,422
11	18	99 054	56 419,243	1 062 517,202	18,833	18,366
12	19	99 025	53 589,279	1 006 097,959	18,774	18,307
13	20	98 998	50 902,363	952 508,679	18,712	18,246
14	21	98 970	48 349,711	901 606,316	18,648	18,181
15	22	98 942	45 924,815	853 256,606	18,579	18,113
16	23	98 910	43 619,920	807 331,791	18,508	18,042
17	24	98 863	41 424,440	763 711,870	18,436	17,969
18	25	98 817	39 339,925	722 287,430	18,360	17,893
19	26	98 761	37 356,306	682 947,505	18,282	17,815
20	27	98 700	35 471,204	645 591,199	18,200	17,734
21	28	98 634	33 679,307	610 119,995	18,116	17,649
22	29	98 565	31 977,055	576 440,688	18,027	17,560
23	30	98 496	30 360,438	544 463,633	17,933	17,467
24	31	98 421	28 824,214	514 103,194	17,836	17,369
25	32	98 342	27 364,451	485 278,980	17,734	17,267
26	33	98 261	25 977,950	457 914,529	17,627	17,160
27	34	98 179	24 661,659	431 936,578	17,514	17,048
28	35	98 089	23 409,981	407 274,919	17,397	16,931
29	36	97 999	22 221,858	383 864,938	17,274	16,807
30	37	97 897	21 091,421	361 643,080	17,146	16,680
31	38	97 795	20 018,593	340 551,659	17,012	16,545
32	39	97 671	18 995,817	320 533,065	16,874	16,407
33	40	97 544	18 024,895	301 537,249	16,729	16,262
34	41	97 409	17 102,016	283 512,354	16,578	16,111
35	42	97 256	16 223,475	266 410,338	16,421	15,954
36	43	97 089	15 387,765	250 186,863	16,259	15,792
37	44	96 916	14 594,086	234 799,098	16,089	15,622
38	45	96 726	13 838,992	220 205,011	15,912	15,445
39	46	96 517	13 120,281	206 366,019	15,729	15,262
40	47	96 290	12 436,410	193 245,737	15,539	15,072
41	48	96 031	11 784,299	180 809,328	15,343	14,876
42	49	95 750	11 163,768	169 025,029	15,140	14,674
43	50	95 434	10 571,916	157 861,261	14,932	14,465
44	51	95 090	10 008,364	147 289,345	14,717	14,250
45	52	94 710	9 471,094	137 280,981	14,495	14,028
46	53	94 284	8 958,219	127 809,887	14,267	13,801
47	54	93 821	8 469,565	118 851,667	14,033	13,566
48	55	93 306	8 002,931	110 382,103	13,793	13,326
49	56	92 738	7 557,436	102 379,172	13,547	13,080
50	57	92 112	7 131,962	94 821,736	13,295	12,829
51	58	91 421	6 725,417	87 689,774	13,039	12,572
52	59	90 666	6 337,199	80 964,357	12,776	12,309
53	60	89 829	5 965,493	74 627,158	12,510	12,043
54	61	88 899	5 609,261	68 661,665	12,241	11,774
55	62	87 909	5 270,104	63 052,404	11,964	11,497
56	63	86 838	4 946,199	57 782,299	11,682	11,215
57	64	85 677	4 636,645	52 836,100	11,395	10,929
58	65	84 411	4 340,284	48 199,455	11,105	10,638
59	66	83 028	4 056,217	43 859,170	10,813	10,346
60	67	81 542	3 784,884	39 802,953	10,516	10,049
61	68	79 940	3 525,469	36 018,069	10,217	9,750
62	69	78 254	3 278,968	32 492,600	9,909	9,443
63	70	76 442	3 043,246	29 213,632	9,599	9,133
64	71	74 523	2 818,892	26 170,386	9,284	8,817
65	72	72 476	2 604,693	23 351,494	8,965	8,498
66	73	70 334	2 401,627	20 746,800	8,639	8,172
67	74	68 113	2 209,781	18 345,174	8,302	7,835
68	75	65 746	2 026,584	16 135,393	7,962	7,495
69	76	63 286	1 853,455	14 108,808	7,612	7,145
70	77	60 627	1 687,022	12 255,353	7,264	6,798
71	78	57 820	1 528,644	10 568,332	6,914	6,447
72	79	54 824	1 377,151	9 039,687	6,564	6,097
73	80	51 633	1 232,290	7 662,536	6,218	5,751
74	81	48 245	1 093,996	6 430,246	5,878	5,411
75	82	44 693	962,904	5 336,250	5,542	5,075
76	83	40 999	839,249	4 373,346	5,211	4,744
77	84	37 164	722,801	3 534,097	4,889	4,423
78	85	33 236	614,156	2 811,296	4,577	4,111
79	86	29 251	513,561	2 197,141	4,278	3,811
80	87	25 257	421,321	1 683,580	3,996	3,529
81	88	21 371	338,719	1 262,259	3,727	3,260
82	89	17 659	265,917	923,539	3,473	3,006
83	90	14 199	203,158	657,622	3,237	2,770
84	91	11 073	150,521	454,465	3,019	2,552
85	92	8 341	107,731	303,943	2,821	2,355
86	93	6 048	74,218	196,212	2,644	2,177
87	94	4 209	49,071	121,994	2,486	2,019
88	95	2 791	30,917	72,923	2,359	1,892
89	96	1 787	18,805	42,006	2,234	1,767
90	97	1 093	10,932	23,201	2,122	1,656
91	98	648	6,161	12,269	1,992	1,525
92	99	360	3,246	6,109	1,882	1,415
93	100	187	1,602	2,863	1,787	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 916 724,013	19,241	18,774
1	9	99 259	94 308,201	1 817 105,179	19,268	18,801
2	10	99 226	89 573,787	1 722 796,978	19,233	18,766
3	11	99 205	85 087,420	1 633 223,191	19,195	18,728
4	12	99 184	80 826,725	1 548 135,771	19,154	18,687
5	13	99 165	76 780,006	1 467 309,046	19,111	18,644
6	14	99 147	72 936,998	1 390 529,039	19,065	18,598
7	15	99 127	69 284,352	1 317 592,042	19,017	18,550
8	16	99 106	65 814,586	1 248 307,689	18,967	18,500
9	17	99 084	62 517,757	1 182 493,103	18,915	18,448
10	18	99 061	59 385,821	1 119 975,346	18,859	18,393
11	19	99 033	56 407,754	1 060 589,526	18,802	18,335
12	20	99 006	53 578,935	1 004 181,772	18,742	18,275
13	21	98 979	50 892,937	950 602,836	18,678	18,212
14	22	98 954	48 341,706	899 709,899	18,611	18,145
15	23	98 924	45 916,868	851 368,193	18,542	18,075
16	24	98 888	43 610,456	805 451,325	18,469	18,002
17	25	98 846	41 417,416	761 840,870	18,394	17,927
18	26	98 799	39 332,590	720 423,454	18,316	17,849
19	27	98 741	37 349,037	681 090,864	18,236	17,769
20	28	98 679	35 463,456	643 741,826	18,152	17,685
21	29	98 610	33 670,908	608 278,370	18,065	17,599
22	30	98 540	31 968,780	574 607,462	17,974	17,507
23	31	98 466	30 351,423	542 638,682	17,879	17,412
24	32	98 390	28 815,014	512 287,259	17,778	17,312
25	33	98 308	27 354,954	483 472,245	17,674	17,207
26	34	98 226	25 968,701	456 117,291	17,564	17,097
27	35	98 141	24 652,014	430 148,590	17,449	16,982
28	36	98 049	23 400,559	405 496,576	17,328	16,862
29	37	97 953	22 211,439	382 096,017	17,203	16,736
30	38	97 852	21 081,715	359 884,578	17,071	16,604
31	39	97 738	20 006,869	338 802,863	16,934	16,468
32	40	97 613	18 984,501	318 795,994	16,792	16,326
33	41	97 478	18 012,662	299 811,493	16,644	16,178
34	42	97 335	17 088,969	281 798,832	16,490	16,023
35	43	97 176	16 210,013	264 709,862	16,330	15,863
36	44	97 002	15 373,917	248 499,849	16,164	15,697
37	45	96 817	14 579,200	233 125,933	15,990	15,524
38	46	96 619	13 823,604	218 546,733	15,810	15,343
39	47	96 395	13 103,622	204 723,129	15,623	15,157
40	48	96 152	12 418,581	191 619,506	15,430	14,963
41	49	95 877	11 765,449	179 200,925	15,231	14,764
42	50	95 577	11 143,545	167 435,475	15,025	14,559
43	51	95 246	10 551,082	156 291,930	14,813	14,346
44	52	94 880	9 986,258	145 740,848	14,594	14,127
45	53	94 477	9 447,840	135 754,590	14,369	13,902
46	54	94 026	8 933,735	126 306,751	14,138	13,671
47	55	93 539	8 444,074	117 373,015	13,900	13,433
48	56	92 997	7 976,414	108 928,941	13,656	13,190
49	57	92 402	7 530,086	100 952,527	13,407	12,940
50	58	91 744	7 103,489	93 422,440	13,152	12,685
51	59	91 018	6 695,754	86 318,951	12,892	12,425
52	60	90 229	6 306,590	79 623,197	12,625	12,159
53	61	89 345	5 933,333	73 316,607	12,357	11,890
54	62	88 402	5 577,877	67 383,274	12,080	11,614
55	63	87 375	5 238,080	61 805,397	11,799	11,332
56	64	86 266	4 913,631	56 567,317	11,512	11,046
57	65	85 053	4 602,857	51 653,686	11,222	10,755
58	66	83 735	4 305,509	47 050,829	10,928	10,461
59	67	82 303	4 020,784	42 745,320	10,631	10,164
60	68	80 751	3 748,192	38 724,536	10,332	9,865
61	69	79 124	3 489,457	34 976,344	10,023	9,557
62	70	77 380	3 242,335	31 486,887	9,711	9,244
63	71	75 510	3 006,168	28 244,551	9,396	8,929
64	72	73 526	2 781,146	25 238,383	9,075	8,608
65	73	71 432	2 567,162	22 457,237	8,748	8,281
66	74	69 245	2 364,443	19 890,076	8,412	7,945
67	75	66 948	2 171,975	17 525,633	8,069	7,602
68	76	64 492	1 987,942	15 353,657	7,723	7,257
69	77	61 905	1 813,001	13 365,715	7,372	6,905
70	78	59 145	1 645,771	11 552,714	7,020	6,553
71	79	56 195	1 485,689	9 906,943	6,668	6,201
72	80	53 019	1 331,811	8 421,254	6,323	5,856
73	81	49 650	1 184,961	7 089,443	5,983	5,516
74	82	46 119	1 045,792	5 904,483	5,646	5,179
75	83	42 443	914,430	4 858,691	5,313	4,847
76	84	38 617	790,504	3 944,261	4,990	4,523
77	85	34 666	674,213	3 153,757	4,678	4,211
78	86	30 669	566,730	2 479,544	4,375	3,908
79	87	26 650	467,901	1 912,814	4,088	3,621
80	88	22 701	378,688	1 444,913	3,816	3,349
81	89	18 917	299,826	1 066,225	3,556	3,089
82	90	15 347	231,104	766,399	3,316	2,849
83	91	12 099	173,103	535,296	3,092	2,626
84	92	9 220	125,334	362,192	2,890	2,423
85	93	6 777	87,525	236,859	2,706	2,239
86	94	4 783	58,692	149,334	2,544	2,078
87	95	3 219	37,531	90,642	2,415	1,948
88	96	2 096	23,218	53,110	2,288	1,821
89	97	1 305	13,737	29,893	2,176	1,709
90	98	790	7,903	16,156	2,044	1,577
91	99	451	4,283	8,253	1,927	1,460
92	100	241	2,173	3,969	1,827	1,360

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 914 577,148	19,220	18,753
1	10	99 253	94 302,099	1 814 964,481	19,246	18,779
2	11	99 220	89 568,479	1 720 662,382	19,211	18,744
3	12	99 197	85 081,082	1 631 093,903	19,171	18,704
4	13	99 177	80 820,330	1 546 012,821	19,129	18,662
5	14	99 157	76 773,425	1 465 192,491	19,085	18,618
6	15	99 137	72 929,344	1 388 419,066	19,038	18,571
7	16	99 114	69 275,685	1 315 489,722	18,989	18,522
8	17	99 092	65 805,300	1 246 214,037	18,938	18,471
9	18	99 069	62 508,603	1 180 408,737	18,884	18,417
10	19	99 041	59 373,727	1 117 900,134	18,828	18,361
11	20	99 014	56 396,866	1 058 526,407	18,769	18,302
12	21	98 987	53 569,014	1 002 129,541	18,707	18,240
13	22	98 963	50 884,512	948 560,527	18,641	18,175
14	23	98 936	48 333,341	897 676,015	18,573	18,106
15	24	98 903	45 906,904	849 342,674	18,501	18,035
16	25	98 871	43 603,061	803 435,770	18,426	17,959
17	26	98 827	41 409,693	759 832,710	18,349	17,882
18	27	98 779	39 324,937	718 423,017	18,269	17,802
19	28	98 720	37 340,879	679 098,080	18,186	17,720
20	29	98 654	35 454,612	641 757,200	18,101	17,634
21	30	98 584	33 662,195	606 302,589	18,011	17,545
22	31	98 511	31 959,287	572 640,394	17,918	17,451
23	32	98 435	30 341,735	540 681,107	17,820	17,353
24	33	98 355	28 805,014	510 339,371	17,717	17,250
25	34	98 273	27 345,215	481 534,357	17,609	17,143
26	35	98 187	25 958,544	454 189,143	17,497	17,030
27	36	98 101	24 642,092	428 230,599	17,378	16,911
28	37	98 003	23 389,588	403 588,507	17,255	16,788
29	38	97 908	22 201,217	380 198,919	17,125	16,658
30	39	97 795	21 069,368	357 997,702	16,991	16,525
31	40	97 680	19 994,951	336 928,334	16,851	16,384
32	41	97 546	18 971,616	316 933,383	16,706	16,239
33	42	97 404	17 998,920	297 961,767	16,554	16,088
34	43	97 254	17 074,788	279 962,847	16,396	15,929
35	44	97 088	16 195,425	262 888,058	16,232	15,765
36	45	96 903	15 358,235	246 692,633	16,063	15,596
37	46	96 709	14 562,988	231 334,398	15,885	15,418
38	47	96 496	13 806,052	216 771,410	15,701	15,234
39	48	96 257	13 084,838	202 965,358	15,511	15,045
40	49	95 998	12 398,717	189 880,520	15,315	14,848
41	50	95 703	11 744,137	177 481,803	15,112	14,646
42	51	95 388	11 121,585	165 737,666	14,902	14,436
43	52	95 036	10 527,777	154 616,081	14,686	14,220
44	53	94 647	9 961,738	144 088,304	14,464	13,997
45	54	94 219	9 422,018	134 126,566	14,235	13,769
46	55	93 743	8 906,848	124 704,548	14,001	13,534
47	56	93 229	8 416,096	115 797,700	13,759	13,292
48	57	92 660	7 947,548	107 381,604	13,511	13,044
49	58	92 033	7 500,024	99 434,056	13,258	12,791
50	59	91 339	7 072,159	91 934,032	12,999	12,533
51	60	90 578	6 663,413	84 861,873	12,735	12,269
52	61	89 742	6 272,591	78 198,459	12,467	12,000
53	62	88 845	5 900,135	71 925,868	12,191	11,724
54	63	87 865	5 543,982	66 025,733	11,909	11,443
55	64	86 800	5 203,590	60 481,751	11,623	11,156
56	65	85 637	4 877,824	55 278,161	11,333	10,866
57	66	84 371	4 565,978	50 400,337	11,038	10,571
58	67	83 003	4 267,899	45 834,359	10,739	10,273
59	68	81 505	3 981,805	41 566,460	10,439	9,972
60	69	79 926	3 709,905	37 584,655	10,131	9,664
61	70	78 240	3 450,472	33 874,750	9,817	9,351
62	71	76 437	3 202,832	30 424,278	9,499	9,032
63	72	74 499	2 965,915	27 221,445	9,178	8,711
64	73	72 466	2 741,072	24 255,531	8,849	8,382
65	74	70 326	2 527,415	21 514,459	8,512	8,046
66	75	68 060	2 323,991	18 987,044	8,170	7,703
67	76	65 671	2 130,561	16 663,053	7,821	7,354
68	77	63 085	1 944,553	14 532,492	7,473	7,007
69	78	60 391	1 768,670	12 587,939	7,117	6,650
70	79	57 483	1 599,524	10 819,269	6,764	6,297
71	80	54 345	1 436,775	9 219,745	6,417	5,950
72	81	50 983	1 280,659	7 782,970	6,077	5,611
73	82	47 462	1 132,748	6 502,311	5,740	5,274
74	83	43 797	993,145	5 369,563	5,407	4,940
75	84	39 978	861,318	4 376,418	5,081	4,614
76	85	36 022	737,366	3 515,100	4,767	4,300
77	86	31 989	622,150	2 777,734	4,465	3,998
78	87	27 942	516,343	2 155,584	4,175	3,708
79	88	23 953	420,554	1 639,241	3,898	3,431
80	89	20 095	335,205	1 218,687	3,636	3,169
81	90	16 441	260,573	883,482	3,391	2,924
82	91	13 076	196,915	622,909	3,163	2,697
83	92	10 074	144,137	425,994	2,955	2,489
84	93	7 491	101,826	281,857	2,768	2,301
85	94	5 359	69,215	180,031	2,601	2,134
86	95	3 658	44,889	110,816	2,469	2,002
87	96	2 417	28,185	65,927	2,339	1,872
88	97	1 531	16,961	37,742	2,225	1,758
89	98	944	9,931	20,781	2,093	1,626
90	99	549	5,495	10,850	1,975	1,508
91	100	302	2,868	5,355	1,868	1,401

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 912 277,508	19,198	18,732
1	11	99 247	94 296,511	1 812 671,286	19,223	18,756
2	12	99 213	89 561,808	1 718 374,775	19,186	18,720
3	13	99 189	85 074,351	1 628 812,968	19,146	18,679
4	14	99 168	80 813,403	1 543 738,617	19,103	18,636
5	15	99 146	76 765,369	1 462 925,214	19,057	18,590
6	16	99 124	72 920,220	1 386 159,845	19,009	18,542
7	17	99 100	69 265,910	1 313 239,625	18,959	18,493
8	18	99 077	65 795,664	1 243 973,715	18,907	18,440
9	19	99 049	62 495,874	1 178 178,051	18,852	18,385
10	20	99 022	59 362,267	1 115 682,177	18,794	18,328
11	21	98 996	56 386,423	1 056 319,910	18,734	18,267
12	22	98 971	53 560,146	999 933,487	18,669	18,203
13	23	98 946	50 875,706	946 373,342	18,602	18,135
14	24	98 915	48 322,853	895 497,635	18,532	18,065
15	25	98 886	45 899,120	847 174,782	18,457	17,991
16	26	98 853	43 594,930	801 275,662	18,380	17,913
17	27	98 808	41 401,636	757 680,732	18,301	17,834
18	28	98 758	39 316,347	716 279,096	18,218	17,752
19	29	98 695	37 331,567	676 962,749	18,134	17,667
20	30	98 628	35 445,437	639 631,182	18,046	17,579
21	31	98 555	33 652,199	604 185,746	17,954	17,487
22	32	98 479	31 949,086	570 533,546	17,858	17,391
23	33	98 401	30 331,205	538 584,460	17,757	17,290
24	34	98 320	28 794,758	508 253,255	17,651	17,184
25	35	98 235	27 334,519	479 458,497	17,540	17,074
26	36	98 148	25 948,096	452 123,978	17,424	16,957
27	37	98 055	24 630,538	426 175,881	17,303	16,836
28	38	97 958	23 378,823	401 545,343	17,176	16,709
29	39	97 851	22 188,215	378 166,520	17,044	16,577
30	40	97 736	21 056,817	355 978,305	16,906	16,439
31	41	97 614	19 981,380	334 921,488	16,762	16,295
32	42	97 472	18 957,144	314 940,108	16,613	16,146
33	43	97 323	17 983,985	295 982,964	16,458	15,991
34	44	97 166	17 059,422	277 998,979	16,296	15,829
35	45	96 989	16 178,905	260 939,557	16,128	15,662
36	46	96 795	15 341,157	244 760,652	15,955	15,488
37	47	96 587	14 544,497	229 419,495	15,774	15,307
38	48	96 358	13 786,260	214 874,997	15,586	15,119
39	49	96 103	13 063,907	201 088,737	15,393	14,926
40	50	95 824	12 376,257	188 024,830	15,192	14,726
41	51	95 515	11 720,993	175 648,572	14,986	14,519
42	52	95 178	11 097,020	163 927,579	14,772	14,305
43	53	94 802	10 501,928	152 830,559	14,553	14,086
44	54	94 389	9 934,512	142 328,631	14,327	13,860
45	55	93 935	9 393,661	132 394,120	14,094	13,627
46	56	93 433	8 877,336	123 000,459	13,856	13,389
47	57	92 891	8 385,639	114 123,123	13,609	13,143
48	58	92 290	7 915,819	105 737,484	13,358	12,891
49	59	91 628	7 466,945	97 821,664	13,101	12,634
50	60	90 898	7 038,000	90 354,719	12,838	12,371
51	61	90 090	6 627,491	83 316,719	12,571	12,105
52	62	89 240	6 237,495	76 689,228	12,295	11,828
53	63	88 305	5 864,282	70 451,733	12,014	11,547
54	64	87 286	5 507,478	64 587,450	11,727	11,260
55	65	86 167	5 165,670	59 079,972	11,437	10,970
56	66	84 951	4 838,742	53 914,302	11,142	10,675
57	67	83 634	4 526,092	49 075,560	10,843	10,376
58	68	82 199	4 226,524	44 549,468	10,540	10,074
59	69	80 672	3 941,132	40 322,944	10,231	9,765
60	70	79 033	3 668,457	36 381,812	9,917	9,451
61	71	77 286	3 408,433	32 713,355	9,598	9,131
62	72	75 414	3 159,945	29 304,921	9,274	8,807
63	73	73 426	2 923,178	26 144,976	8,944	8,477
64	74	71 344	2 698,632	23 221,799	8,605	8,138
65	75	69 122	2 484,175	20 523,166	8,262	7,795
66	76	66 762	2 279,678	18 038,992	7,913	7,446
67	77	64 238	2 084,059	15 759,313	7,562	7,095
68	78	61 542	1 897,005	13 675,254	7,209	6,742
69	79	58 694	1 718,970	11 778,249	6,852	6,385
70	80	55 590	1 546,863	10 059,279	6,503	6,036
71	81	52 258	1 381,592	8 512,416	6,161	5,695
72	82	48 737	1 224,230	7 130,825	5,825	5,358
73	83	45 073	1 075,724	5 906,595	5,491	5,024
74	84	41 254	935,461	4 830,871	5,164	4,697
75	85	37 291	803,419	3 895,410	4,849	4,382
76	86	33 240	680,425	3 091,991	4,544	4,077
77	87	29 145	566,836	2 411,565	4,254	3,788
78	88	25 115	464,094	1 844,730	3,975	3,508
79	89	21 203	372,264	1 380,635	3,709	3,242
80	90	17 464	291,320	1 008,371	3,461	2,995
81	91	14 009	222,025	717,051	3,230	2,763
82	92	10 888	163,964	495,026	3,019	2,552
83	93	8 185	117,103	331,062	2,827	2,360
84	94	5 924	80,525	213,959	2,657	2,190
85	95	4 099	52,937	133,434	2,521	2,054
86	96	2 747	33,710	80,497	2,388	1,921
87	97	1 766	20,589	46,787	2,272	1,806
88	98	1 107	12,262	26,197	2,137	1,670
89	99	656	6,905	13,936	2,018	1,551
90	100	368	3,679	7,031	1,911	1,444

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 909 817,342	19,175	18,708
1	12	99 240	94 289,487	1 810 217,023	19,199	18,732
2	13	99 205	89 554,722	1 715 927,535	19,161	18,694
3	14	99 181	85 067,058	1 626 372,813	19,119	18,652
4	15	99 158	80 804,922	1 541 305,755	19,074	18,608
5	16	99 134	76 755,765	1 460 500,832	19,028	18,561
6	17	99 110	72 909,931	1 383 745,067	18,979	18,512
7	18	99 086	69 255,768	1 310 835,136	18,927	18,461
8	19	99 057	65 782,266	1 241 579,368	18,874	18,407
9	20	99 030	62 483,810	1 175 797,102	18,818	18,351
10	21	99 004	59 351,275	1 113 313,292	18,758	18,291
11	22	98 980	56 377,088	1 053 962,017	18,695	18,228
12	23	98 954	53 550,877	997 584,929	18,629	18,162
13	24	98 924	50 864,667	944 034,052	18,560	18,093
14	25	98 898	48 314,659	893 169,385	18,487	18,020
15	26	98 868	45 890,561	844 854,726	18,410	17,943
16	27	98 834	43 586,448	798 964,165	18,331	17,864
17	28	98 787	41 392,592	755 377,717	18,249	17,782
18	29	98 733	39 306,542	713 985,124	18,165	17,698
19	30	98 670	37 321,906	674 678,582	18,077	17,610
20	31	98 599	35 434,912	637 356,676	17,987	17,520
21	32	98 523	33 641,458	601 921,764	17,892	17,425
22	33	98 445	31 937,998	568 280,307	17,793	17,326
23	34	98 366	30 320,406	536 342,309	17,689	17,222
24	35	98 282	28 783,496	506 021,902	17,580	17,113
25	36	98 195	27 323,518	477 238,407	17,466	16,999
26	37	98 102	25 935,931	449 914,889	17,347	16,880
27	38	98 010	24 619,203	423 978,958	17,221	16,755
28	39	97 901	23 365,131	399 359,755	17,092	16,625
29	40	97 792	22 174,997	375 994,624	16,956	16,489
30	41	97 670	21 042,526	353 819,627	16,815	16,348
31	42	97 539	19 966,137	332 777,102	16,667	16,200
32	43	97 391	18 941,413	312 810,964	16,515	16,048
33	44	97 235	17 967,800	293 869,551	16,355	15,889
34	45	97 067	17 042,021	275 901,751	16,189	15,723
35	46	96 881	16 160,915	258 859,730	16,018	15,551
36	47	96 672	15 321,678	242 698,815	15,840	15,373
37	48	96 448	14 523,647	227 377,137	15,656	15,189
38	49	96 204	13 764,208	212 853,490	15,464	14,997
39	50	95 929	13 040,243	199 089,282	15,267	14,801
40	51	95 635	12 351,868	186 049,039	15,062	14,596
41	52	95 304	11 695,104	173 697,171	14,852	14,385
42	53	94 944	11 069,774	162 002,067	14,635	14,168
43	54	94 543	10 473,225	150 932,294	14,411	13,944
44	55	94 104	9 904,612	140 459,069	14,181	13,714
45	56	93 624	9 362,536	130 554,456	13,944	13,478
46	57	93 095	8 845,210	121 191,921	13,701	13,235
47	58	92 520	8 352,161	112 346,711	13,451	12,984
48	59	91 883	7 880,906	103 994,549	13,196	12,729
49	60	91 185	7 430,880	96 113,643	12,934	12,468
50	61	90 408	7 000,058	88 682,763	12,669	12,202
51	62	89 586	6 590,409	81 682,705	12,394	11,927
52	63	88 698	6 199,592	75 092,296	12,112	11,646
53	64	87 724	5 825,669	68 892,703	11,826	11,359
54	65	86 650	5 467,343	63 067,034	11,535	11,068
55	66	85 477	5 124,282	57 599,690	11,241	10,774
56	67	84 209	4 796,474	52 475,409	10,940	10,474
57	68	82 823	4 482,214	47 678,935	10,637	10,171
58	69	81 359	4 183,351	43 196,721	10,326	9,859
59	70	79 771	3 897,101	39 013,370	10,011	9,544
60	71	78 070	3 623,762	35 116,269	9,691	9,224
61	72	76 252	3 362,793	31 492,507	9,365	8,898
62	73	74 327	3 114,412	28 129,713	9,032	8,565
63	74	72 289	2 877,919	25 015,301	8,692	8,225
64	75	70 124	2 652,463	22 137,382	8,346	7,879
65	76	67 804	2 436,808	19 484,919	7,996	7,529
66	77	65 305	2 229,922	17 048,111	7,645	7,178
67	78	62 667	2 033,100	14 818,189	7,288	6,822
68	79	59 813	1 843,699	12 785,089	6,934	6,468
69	80	56 762	1 662,376	10 941,391	6,582	6,115
70	81	53 455	1 487,451	9 279,015	6,238	5,771
71	82	49 955	1 320,715	7 791,564	5,900	5,433
72	83	46 283	1 162,600	6 470,849	5,566	5,099
73	84	42 455	1 013,244	5 308,249	5,239	4,772
74	85	38 480	872,578	4 295,005	4,922	4,455
75	86	34 411	741,378	3 422,427	4,616	4,150
76	87	30 285	619,930	2 681,048	4,325	3,858
77	88	26 196	509,478	2 061,118	4,046	3,579
78	89	22 231	410,805	1 551,640	3,777	3,310
79	90	18 427	323,528	1 140,836	3,526	3,059
80	91	14 880	248,223	817,308	3,293	2,826
81	92	11 664	184,872	569,084	3,078	2,611
82	93	8 846	133,211	384,212	2,884	2,417
83	94	6 472	92,605	251,001	2,710	2,244
84	95	4 531	61,587	158,396	2,572	2,105
85	96	3 078	39,754	96,808	2,435	1,968
86	97	2 007	24,626	57,054	2,317	1,850
87	98	1 277	14,885	32,428	2,179	1,712
88	99	770	8,525	17,543	2,058	1,591
89	100	439	4,623	9,018	1,951	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 907 187,771	19,150	18,683
1	13	99 232	94 282,028	1 807 594,870	19,172	18,705
2	14	99 196	89 547,046	1 713 312,843	19,133	18,666
3	15	99 170	85 058,132	1 623 765,797	19,090	18,623
4	16	99 145	80 794,813	1 538 707,665	19,045	18,578
5	17	99 120	76 744,935	1 457 912,852	18,997	18,530
6	18	99 096	72 899,256	1 381 167,917	18,946	18,479
7	19	99 065	69 241,665	1 308 268,661	18,894	18,427
8	20	99 038	65 769,568	1 239 026,997	18,839	18,372
9	21	99 012	62 472,240	1 173 257,428	18,780	18,314
10	22	98 987	59 341,449	1 110 785,188	18,719	18,252
11	23	98 962	56 367,332	1 051 443,739	18,653	18,187
12	24	98 932	53 539,257	995 076,408	18,586	18,119
13	25	98 908	50 856,042	941 537,150	18,514	18,047
14	26	98 880	48 305,650	890 681,108	18,438	17,972
15	27	98 849	45 881,632	842 375,458	18,360	17,893
16	28	98 812	43 576,927	796 493,825	18,278	17,811
17	29	98 762	41 382,269	752 916,898	18,194	17,727
18	30	98 708	39 296,370	711 534,629	18,107	17,640
19	31	98 640	37 310,824	672 238,258	18,017	17,550
20	32	98 568	35 423,601	634 927,434	17,924	17,457
21	33	98 489	33 629,782	599 503,833	17,827	17,360
22	34	98 410	31 926,627	565 874,051	17,724	17,257
23	35	98 327	30 308,547	533 947,424	17,617	17,150
24	36	98 242	28 771,911	503 638,877	17,505	17,038
25	37	98 149	27 310,707	474 866,966	17,388	16,921
26	38	98 057	25 923,994	447 556,259	17,264	16,797
27	39	97 953	24 604,784	421 632,264	17,136	16,669
28	40	97 843	23 351,212	397 027,480	17,002	16,536
29	41	97 726	22 159,947	373 676,268	16,863	16,396
30	42	97 595	21 026,473	351 516,321	16,718	16,251
31	43	97 458	19 949,569	330 489,847	16,566	16,099
32	44	97 304	18 924,367	310 540,278	16,410	15,943
33	45	97 136	17 949,472	291 615,911	16,246	15,780
34	46	96 959	17 023,071	273 666,439	16,076	15,609
35	47	96 758	16 140,395	256 643,368	15,901	15,434
36	48	96 534	15 299,714	240 502,973	15,719	15,253
37	49	96 294	14 500,416	225 203,259	15,531	15,064
38	50	96 029	13 739,275	210 702,844	15,336	14,869
39	51	95 739	13 014,545	196 963,569	15,134	14,667
40	52	95 424	12 324,585	183 949,024	14,925	14,459
41	53	95 070	11 666,389	171 624,439	14,711	14,244
42	54	94 684	11 039,518	159 958,050	14,490	14,023
43	55	94 259	10 441,704	148 918,531	14,262	13,795
44	56	93 793	9 871,794	138 476,827	14,028	13,561
45	57	93 285	9 328,654	128 605,032	13,786	13,319
46	58	92 723	8 809,897	119 276,379	13,539	13,072
47	59	92 112	8 315,324	110 466,481	13,285	12,818
48	60	91 440	7 842,841	102 151,158	13,025	12,558
49	61	90 693	7 390,820	94 308,316	12,760	12,293
50	62	89 902	6 960,892	86 917,496	12,487	12,020
51	63	89 042	6 550,362	79 956,604	12,206	11,740
52	64	88 114	6 158,772	73 406,242	11,919	11,452
53	65	87 085	5 783,216	67 247,471	11,628	11,161
54	66	85 956	5 423,538	61 464,255	11,333	10,866
55	67	84 730	5 079,519	56 040,717	11,033	10,566
56	68	83 393	4 749,975	50 961,198	10,729	10,262
57	69	81 977	4 436,429	46 211,223	10,416	9,950
58	70	80 450	4 136,614	41 774,794	10,099	9,632
59	71	78 799	3 849,621	37 638,180	9,777	9,310
60	72	77 025	3 575,239	33 788,559	9,451	8,984
61	73	75 153	3 314,338	30 213,321	9,116	8,649
62	74	73 176	3 066,193	26 898,983	8,773	8,306
63	75	71 052	2 828,682	23 832,790	8,425	7,959
64	76	68 786	2 601,887	21 004,108	8,073	7,606
65	77	66 325	2 383,622	18 402,221	7,720	7,253
66	78	63 708	2 175,396	16 018,599	7,364	6,897
67	79	60 906	1 975,969	13 843,203	7,006	6,539
68	80	57 843	1 782,998	11 867,234	6,656	6,189
69	81	54 581	1 598,527	10 084,235	6,308	5,842
70	82	51 100	1 421,910	8 485,708	5,968	5,501
71	83	47 440	1 254,228	7 063,798	5,632	5,165
72	84	43 595	1 095,074	5 809,570	5,305	4,838
73	85	39 601	945,133	4 714,496	4,988	4,521
74	86	35 509	805,197	3 769,363	4,681	4,215
75	87	31 352	675,464	2 964,167	4,388	3,922
76	88	27 220	557,199	2 288,702	4,108	3,641
77	89	23 188	450,977	1 731,503	3,839	3,373
78	90	19 321	357,023	1 280,526	3,587	3,120
79	91	15 701	275,666	923,503	3,350	2,883
80	92	12 390	206,687	647,837	3,134	2,668
81	93	9 477	150,198	441,150	2,937	2,470
82	94	6 996	105,344	290,952	2,762	2,295
83	95	4 950	70,827	185,608	2,621	2,154
84	96	3 402	46,250	114,781	2,482	2,015
85	97	2 248	29,041	68,531	2,360	1,893
86	98	1 451	17,803	39,490	2,218	1,751
87	99	888	10,349	21,687	2,096	1,629
88	100	515	5,707	11,338	1,987	1,520

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 904 381,746	19,123	18,656
1	14	99 223	94 273,946	1 804 796,724	19,144	18,677
2	15	99 186	89 537,649	1 710 522,778	19,104	18,637
3	16	99 158	85 047,491	1 620 985,129	19,060	18,593
4	17	99 131	80 783,413	1 535 937,639	19,013	18,546
5	18	99 105	76 733,698	1 455 154,225	18,964	18,497
6	19	99 076	72 884,411	1 378 420,527	18,912	18,446
7	20	99 046	69 228,299	1 305 536,117	18,858	18,392
8	21	99 020	65 757,390	1 236 307,818	18,801	18,334
9	22	98 995	62 461,898	1 170 550,428	18,740	18,273
10	23	98 970	59 331,180	1 108 088,530	18,676	18,210
11	24	98 941	56 355,101	1 048 757,350	18,610	18,143
12	25	98 915	53 530,179	992 402,249	18,539	18,072
13	26	98 889	50 846,559	938 872,071	18,465	17,998
14	27	98 861	48 296,251	888 025,511	18,387	17,920
15	28	98 827	45 871,611	839 729,260	18,306	17,839
16	29	98 787	43 566,060	793 857,649	18,222	17,755
17	30	98 736	41 371,560	750 291,590	18,135	17,669
18	31	98 678	39 284,702	708 920,029	18,046	17,579
19	32	98 609	37 298,915	669 635,327	17,953	17,486
20	33	98 534	35 411,307	632 336,413	17,857	17,390
21	34	98 454	33 617,809	596 925,106	17,756	17,289
22	35	98 372	31 914,140	563 307,297	17,651	17,184
23	36	98 288	30 296,349	531 393,157	17,540	17,073
24	37	98 196	28 758,421	501 096,808	17,424	16,958
25	38	98 104	27 298,138	472 338,387	17,303	16,836
26	39	97 999	25 908,812	445 040,249	17,177	16,710
27	40	97 894	24 590,127	419 131,437	17,045	16,578
28	41	97 776	23 335,364	394 541,310	16,907	16,441
29	42	97 651	22 143,042	371 205,946	16,764	16,297
30	43	97 514	21 009,025	349 062,904	16,615	16,148
31	44	97 371	19 931,616	328 053,879	16,459	15,992
32	45	97 204	18 905,063	308 122,263	16,298	15,832
33	46	97 028	17 929,513	289 217,200	16,131	15,664
34	47	96 836	17 001,456	271 287,686	15,957	15,490
35	48	96 619	16 117,257	254 286,230	15,777	15,310
36	49	96 379	15 275,241	238 168,973	15,592	15,125
37	50	96 119	14 474,149	222 893,732	15,399	14,933
38	51	95 840	13 712,199	208 419,583	15,200	14,733
39	52	95 528	12 985,799	194 707,384	14,994	14,527
40	53	95 189	12 294,325	181 721,586	14,781	14,314
41	54	94 810	11 634,503	169 427,261	14,562	14,096
42	55	94 399	11 006,293	157 792,758	14,337	13,870
43	56	93 946	10 407,107	146 786,464	14,104	13,638
44	57	93 453	9 836,070	136 379,357	13,865	13,398
45	58	92 913	9 291,411	126 543,288	13,619	13,153
46	59	92 314	8 771,041	117 251,877	13,368	12,901
47	60	91 667	8 275,161	108 480,836	13,109	12,642
48	61	90 947	7 800,561	100 205,675	12,846	12,379
49	62	90 186	7 349,467	92 405,115	12,573	12,106
50	63	89 356	6 918,594	85 055,647	12,294	11,827
51	64	88 455	6 507,232	78 137,054	12,008	11,541
52	65	87 472	6 113,891	71 629,822	11,716	11,249
53	66	86 387	5 736,880	65 515,932	11,420	10,953
54	67	85 205	5 376,161	59 779,052	11,119	10,652
55	68	83 909	5 030,276	54 402,891	10,815	10,348
56	69	82 541	4 701,455	49 372,615	10,502	10,035
57	70	81 061	4 386,865	44 671,160	10,183	9,716
58	71	79 470	4 086,215	40 284,295	9,859	9,392
59	72	77 744	3 798,073	36 198,080	9,531	9,064
60	73	75 915	3 523,722	32 400,007	9,195	8,728
61	74	73 989	3 263,022	28 876,285	8,850	8,383
62	75	71 924	3 013,735	25 613,263	8,499	8,032
63	76	69 697	2 774,746	22 599,528	8,145	7,678
64	77	67 285	2 545,098	19 824,781	7,789	7,323
65	78	64 703	2 325,338	17 279,683	7,431	6,964
66	79	61 918	2 114,267	14 954,346	7,073	6,606
67	80	58 901	1 910,914	12 840,079	6,719	6,253
68	81	55 622	1 714,517	10 929,165	6,374	5,908
69	82	52 176	1 528,092	9 214,648	6,030	5,563
70	83	48 527	1 350,329	7 686,556	5,692	5,226
71	84	44 685	1 181,380	6 336,227	5,363	4,897
72	85	40 664	1 021,462	5 154,847	5,047	4,580
73	86	36 543	872,148	4 133,385	4,739	4,273
74	87	32 352	733,609	3 261,236	4,445	3,979
75	88	28 179	607,114	2 527,628	4,163	3,697
76	89	24 095	493,219	1 920,514	3,894	3,427
77	90	20 152	391,936	1 427,295	3,642	3,175
78	91	16 462	304,206	1 035,359	3,403	2,937
79	92	13 074	229,538	731,153	3,185	2,719
80	93	10 066	167,921	501,615	2,987	2,520
81	94	7 494	118,777	333,694	2,809	2,343
82	95	5 350	80,570	214,918	2,667	2,201
83	96	3 718	53,189	134,348	2,526	2,059
84	97	2 485	33,786	81,159	2,402	1,935
85	98	1 626	20,995	47,373	2,256	1,790
86	99	1 009	12,378	26,378	2,131	1,664
87	100	594	6,928	14,000	2,021	1,554

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 901 390,835	19,095	18,628
1	15	99 213	94 264,053	1 801 814,350	19,115	18,648
2	16	99 173	89 526,447	1 707 550,297	19,073	18,606
3	17	99 144	85 035,491	1 618 023,849	19,028	18,561
4	18	99 117	80 771,585	1 532 988,359	18,979	18,513
5	19	99 085	76 718,072	1 452 216,774	18,929	18,462
6	20	99 057	72 870,342	1 375 498,702	18,876	18,409
7	21	99 028	69 215,480	1 302 628,360	18,820	18,353
8	22	99 003	65 746,503	1 233 412,880	18,760	18,293
9	23	98 978	62 451,089	1 167 666,376	18,697	18,230
10	24	98 949	59 318,306	1 105 215,288	18,632	18,165
11	25	98 924	56 345,545	1 045 896,982	18,562	18,095
12	26	98 897	53 520,197	989 551,437	18,489	18,023
13	27	98 870	50 836,666	936 031,239	18,413	17,946
14	28	98 839	48 285,702	885 194,573	18,332	17,866
15	29	98 802	45 860,170	836 908,871	18,249	17,782
16	30	98 762	43 554,785	791 048,701	18,162	17,695
17	31	98 707	41 359,276	747 493,915	18,073	17,606
18	32	98 647	39 272,162	706 134,640	17,981	17,514
19	33	98 575	37 285,970	666 862,477	17,885	17,418
20	34	98 498	35 398,699	629 576,507	17,785	17,319
21	35	98 416	33 604,660	594 177,808	17,681	17,215
22	36	98 332	31 901,295	560 573,148	17,572	17,105
23	37	98 242	30 282,144	528 671,853	17,458	16,991
24	38	98 151	28 745,186	498 389,708	17,338	16,871
25	39	98 046	27 282,151	469 644,522	17,214	16,748
26	40	97 941	25 893,378	442 362,372	17,084	16,617
27	41	97 828	24 573,438	416 468,994	16,948	16,481
28	42	97 702	23 317,562	391 895,556	16,807	16,340
29	43	97 570	22 124,668	368 577,994	16,659	16,192
30	44	97 427	20 990,118	346 453,326	16,506	16,039
31	45	97 271	19 911,285	325 463,208	16,346	15,879
32	46	97 096	18 884,042	305 551,923	16,180	15,714
33	47	96 905	17 906,748	286 667,881	16,009	15,542
34	48	96 697	16 977,084	268 761,133	15,831	15,364
35	49	96 465	16 091,476	251 784,049	15,647	15,180
36	50	96 205	15 247,570	235 692,573	15,458	14,991
37	51	95 930	14 445,625	220 445,003	15,260	14,794
38	52	95 628	13 681,912	205 999,378	15,056	14,590
39	53	95 293	12 953,915	192 317,466	14,846	14,379
40	54	94 929	12 260,723	179 363,551	14,629	14,162
41	55	94 525	11 599,488	167 102,828	14,406	13,939
42	56	94 087	10 969,825	155 503,341	14,176	13,709
43	57	93 606	10 369,445	144 533,516	13,938	13,472
44	58	93 080	9 796,801	134 164,071	13,695	13,228
45	59	92 503	9 250,431	124 367,270	13,444	12,978
46	60	91 868	8 728,677	115 116,839	13,188	12,722
47	61	91 173	8 230,549	106 388,162	12,926	12,459
48	62	90 438	7 756,916	98 157,613	12,654	12,187
49	63	89 638	7 304,807	90 400,697	12,376	11,909
50	64	88 768	6 873,039	83 095,890	12,090	11,623
51	65	87 811	6 459,811	76 222,852	11,800	11,333
52	66	86 771	6 064,905	69 763,040	11,503	11,036
53	67	85 632	5 686,766	63 698,135	11,201	10,734
54	68	84 379	5 324,043	58 011,370	10,896	10,429
55	69	83 052	4 978,893	52 687,327	10,582	10,115
56	70	81 619	4 648,929	47 708,434	10,262	9,795
57	71	80 074	4 333,417	43 059,505	9,937	9,470
58	72	78 406	4 031,499	38 726,088	9,606	9,139
59	73	76 624	3 743,345	34 694,589	9,268	8,802
60	74	74 740	3 469,165	30 951,244	8,922	8,455
61	75	72 723	3 207,197	27 482,078	8,569	8,102
62	76	70 553	2 956,271	24 274,881	8,211	7,745
63	77	68 176	2 714,185	21 318,611	7,855	7,388
64	78	65 640	2 482,866	18 604,426	7,493	7,026
65	79	62 885	2 259,995	16 121,560	7,133	6,667
66	80	59 880	2 044,658	13 861,565	6,779	6,313
67	81	56 639	1 837,520	11 816,907	6,431	5,964
68	82	53 171	1 638,971	9 979,387	6,089	5,622
69	83	49 550	1 451,166	8 340,416	5,747	5,281
70	84	45 709	1 271,899	6 889,251	5,417	4,950
71	85	41 681	1 101,967	5 617,352	5,098	4,631
72	86	37 524	942,583	4 515,385	4,790	4,324
73	87	33 294	794,608	3 572,802	4,496	4,030
74	88	29 078	659,375	2 778,194	4,213	3,747
75	89	24 943	537,402	2 118,819	3,943	3,476
76	90	20 940	428,648	1 581,417	3,689	3,223
77	91	17 171	333,954	1 152,770	3,452	2,985
78	92	13 708	253,302	818,816	3,233	2,766
79	93	10 622	186,486	565,514	3,032	2,566
80	94	7 961	132,792	379,028	2,854	2,387
81	95	5 732	90,844	246,236	2,711	2,244
82	96	4 018	60,505	155,392	2,568	2,101
83	97	2 716	38,855	94,887	2,442	1,975
84	98	1 797	24,426	56,032	2,294	1,827
85	99	1 130	14,597	31,606	2,165	1,698
86	100	675	8,287	17,009	2,053	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 898 206,452	19,065	18,598
1	16	99 201	94 252,261	1 798 640,416	19,083	18,616
2	17	99 159	89 513,815	1 704 388,156	19,041	18,574
3	18	99 130	85 023,040	1 614 874,341	18,993	18,527
4	19	99 097	80 755,137	1 529 851,301	18,944	18,478
5	20	99 066	76 703,263	1 449 096,164	18,892	18,425
6	21	99 038	72 856,849	1 372 392,901	18,837	18,370
7	22	99 012	69 204,021	1 299 536,052	18,778	18,312
8	23	98 986	65 735,126	1 230 332,031	18,717	18,250
9	24	98 957	62 437,538	1 164 596,905	18,652	18,185
10	25	98 932	59 308,247	1 102 159,367	18,584	18,117
11	26	98 906	56 335,039	1 042 851,120	18,512	18,045
12	27	98 878	53 509,784	986 516,081	18,436	17,969
13	28	98 848	50 825,562	933 006,297	18,357	17,890
14	29	98 814	48 273,660	882 180,736	18,275	17,808
15	30	98 777	45 848,303	833 907,076	18,188	17,722
16	31	98 733	43 541,853	788 058,773	18,099	17,632
17	32	98 676	41 346,074	744 516,920	18,007	17,540
18	33	98 612	39 258,533	703 170,846	17,911	17,444
19	34	98 540	37 272,695	663 912,313	17,812	17,346
20	35	98 460	35 384,854	626 639,619	17,709	17,242
21	36	98 376	33 591,135	591 254,764	17,602	17,135
22	37	98 286	31 886,338	557 663,629	17,489	17,022
23	38	98 196	30 268,208	525 777,291	17,371	16,904
24	39	98 094	28 728,351	495 509,083	17,248	16,781
25	40	97 988	27 265,899	466 780,732	17,120	16,653
26	41	97 874	25 875,804	439 514,834	16,986	16,519
27	42	97 753	24 554,692	413 639,030	16,846	16,379
28	43	97 621	23 298,213	389 084,338	16,700	16,233
29	44	97 483	22 104,757	365 786,125	16,548	16,081
30	45	97 327	20 968,708	343 681,368	16,390	15,923
31	46	97 163	19 889,144	322 712,660	16,226	15,759
32	47	96 973	18 860,064	302 823,516	16,056	15,590
33	48	96 766	17 881,078	283 963,452	15,881	15,414
34	49	96 543	16 949,928	266 082,374	15,698	15,231
35	50	96 290	16 062,327	249 132,446	15,510	15,044
36	51	96 015	15 217,523	233 070,119	15,316	14,849
37	52	95 718	14 413,718	217 852,596	15,114	14,647
38	53	95 394	13 648,319	203 438,879	14,906	14,439
39	54	95 033	12 918,510	189 790,560	14,691	14,225
40	55	94 644	12 223,822	176 872,050	14,469	14,003
41	56	94 211	11 561,054	164 648,228	14,242	13,775
42	57	93 746	10 930,127	153 087,174	14,006	13,539
43	58	93 233	10 328,047	142 157,047	13,764	13,297
44	59	92 670	9 753,592	131 829,000	13,516	13,049
45	60	92 056	9 205,751	122 075,408	13,261	12,794
46	61	91 373	8 681,620	112 869,657	13,001	12,534
47	62	90 663	8 184,498	104 188,037	12,730	12,263
48	63	89 888	7 709,780	96 003,538	12,452	11,985
49	64	89 048	7 256,709	88 293,759	12,167	11,700
50	65	88 121	6 822,952	81 037,049	11,877	11,410
51	66	87 107	6 408,054	74 214,097	11,581	11,115
52	67	86 013	6 011,926	67 806,043	11,279	10,812
53	68	84 802	5 631,636	61 794,117	10,973	10,506
54	69	83 517	5 269,659	56 162,482	10,658	10,191
55	70	82 124	4 923,268	50 892,823	10,337	9,870
56	71	80 625	4 592,289	45 969,555	10,010	9,543
57	72	79 002	4 275,391	41 377,267	9,678	9,211
58	73	77 276	3 973,408	37 101,875	9,338	8,871
59	74	75 438	3 685,388	33 128,467	8,989	8,522
60	75	73 461	3 409,813	29 443,079	8,635	8,168
61	76	71 337	3 146,044	26 033,266	8,275	7,808
62	77	69 013	2 891,747	22 887,222	7,915	7,448
63	78	66 509	2 647,818	19 995,475	7,552	7,085
64	79	63 795	2 413,096	17 347,658	7,189	6,722
65	80	60 814	2 185,589	14 934,561	6,833	6,366
66	81	57 580	1 966,127	12 748,973	6,484	6,018
67	82	54 143	1 756,554	10 782,845	6,139	5,672
68	83	50 494	1 556,463	9 026,292	5,799	5,332
69	84	46 672	1 366,879	7 469,829	5,465	4,998
70	85	42 636	1 186,401	6 102,950	5,144	4,677
71	86	38 462	1 016,872	4 916,549	4,835	4,368
72	87	34 188	858,780	3 899,678	4,541	4,074
73	88	29 925	714,201	3 040,897	4,258	3,791
74	89	25 739	583,662	2 326,696	3,986	3,520
75	90	21 678	467,046	1 743,034	3,732	3,265
76	91	17 842	365,235	1 275,988	3,494	3,027
77	92	14 297	278,072	910,753	3,275	2,808
78	93	11 137	205,793	632,681	3,074	2,608
79	94	8 400	147,473	426,888	2,895	2,428
80	95	6 088	101,563	279,415	2,751	2,284
81	96	4 304	68,221	177,852	2,607	2,140
82	97	2 935	44,200	109,631	2,480	2,014
83	98	1 963	28,090	65,431	2,329	1,863
84	99	1 249	16,982	37,341	2,199	1,732
85	100	757	9,772	20,359	2,083	1,616

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 894 820,944	19,033	18,566
1	17	99 187	94 238,961	1 795 267,364	19,050	18,583
2	18	99 145	89 500,709	1 701 028,402	19,006	18,539
3	19	99 109	85 005,726	1 611 527,694	18,958	18,491
4	20	99 077	80 739,549	1 526 521,968	18,907	18,440
5	21	99 048	76 689,060	1 445 782,419	18,853	18,386
6	22	99 022	72 844,787	1 369 093,359	18,795	18,328
7	23	98 994	69 192,046	1 296 248,572	18,734	18,267
8	24	98 965	65 720,862	1 227 056,526	18,671	18,204
9	25	98 940	62 426,950	1 161 335,664	18,603	18,136
10	26	98 913	59 297,189	1 098 908,714	18,532	18,065
11	27	98 887	56 324,077	1 039 611,525	18,458	17,991
12	28	98 856	53 498,096	983 287,448	18,380	17,913
13	29	98 824	50 812,886	929 789,352	18,298	17,832
14	30	98 789	48 261,168	878 976,466	18,213	17,746
15	31	98 747	45 834,689	830 715,298	18,124	17,657
16	32	98 701	43 527,954	784 880,609	18,032	17,565
17	33	98 641	41 331,725	741 352,655	17,937	17,470
18	34	98 577	39 244,555	700 020,930	17,837	17,371
19	35	98 501	37 258,117	660 776,375	17,735	17,268
20	36	98 420	35 370,613	623 518,258	17,628	17,161
21	37	98 330	33 575,386	588 147,645	17,517	17,050
22	38	98 241	31 871,663	554 572,260	17,400	16,933
23	39	98 139	30 250,481	522 700,596	17,279	16,812
24	40	98 035	28 711,237	492 450,116	17,152	16,685
25	41	97 921	27 247,393	463 738,878	17,020	16,553
26	42	97 800	25 856,064	436 491,485	16,882	16,415
27	43	97 672	24 534,316	410 635,420	16,737	16,270
28	44	97 533	23 277,246	386 101,104	16,587	16,120
29	45	97 383	22 082,209	362 823,858	16,431	15,964
30	46	97 219	20 945,391	340 741,649	16,268	15,801
31	47	97 040	19 863,891	319 796,257	16,099	15,633
32	48	96 834	18 833,027	299 932,367	15,926	15,459
33	49	96 611	17 852,476	281 099,340	15,746	15,279
34	50	96 368	16 919,224	263 246,864	15,559	15,092
35	51	96 100	16 030,674	246 327,640	15,366	14,899
36	52	95 803	15 183,910	230 296,966	15,167	14,700
37	53	95 483	14 378,328	215 113,056	14,961	14,494
38	54	95 133	13 611,016	200 734,728	14,748	14,281
39	55	94 747	12 879,630	187 123,712	14,529	14,062
40	56	94 330	12 183,320	174 244,082	14,302	13,835
41	57	93 871	11 519,216	162 060,762	14,069	13,602
42	58	93 372	10 886,491	150 541,546	13,828	13,361
43	59	92 822	10 282,495	139 655,056	13,582	13,115
44	60	92 222	9 706,482	129 372,561	13,328	12,862
45	61	91 560	9 156,123	119 666,079	13,070	12,603
46	62	90 862	8 633,046	110 509,956	12,801	12,334
47	63	90 112	8 134,764	101 876,911	12,524	12,057
48	64	89 296	7 659,015	93 742,147	12,239	11,773
49	65	88 399	7 203,827	86 083,131	11,950	11,483
50	66	87 415	6 768,286	78 879,304	11,654	11,187
51	67	86 346	6 352,077	72 111,018	11,352	10,886
52	68	85 179	5 953,644	65 758,941	11,045	10,578
53	69	83 936	5 574,110	59 805,298	10,729	10,262
54	70	82 584	5 210,785	54 231,188	10,407	9,941
55	71	81 123	4 863,285	49 020,403	10,080	9,613
56	72	79 545	4 530,796	44 157,118	9,746	9,279
57	73	77 863	4 213,786	39 626,322	9,404	8,937
58	74	76 080	3 911,889	35 412,536	9,053	8,586
59	75	74 147	3 622,337	31 500,647	8,696	8,229
60	76	72 060	3 344,797	27 878,311	8,335	7,868
61	77	69 780	3 077,378	24 533,514	7,972	7,505
62	78	67 325	2 821,038	21 456,136	7,606	7,139
63	79	64 640	2 573,413	18 635,098	7,241	6,775
64	80	61 695	2 333,649	16 061,684	6,883	6,416
65	81	58 478	2 101,645	13 728,035	6,532	6,065
66	82	55 043	1 879,495	11 626,390	6,186	5,719
67	83	51 417	1 668,126	9 746,896	5,843	5,376
68	84	47 561	1 466,060	8 078,770	5,511	5,044
69	85	43 535	1 274,996	6 612,710	5,186	4,720
70	86	39 344	1 094,785	5 337,713	4,876	4,409
71	87	35 043	926,464	4 242,928	4,580	4,113
72	88	30 729	771,880	3 316,464	4,297	3,830
73	89	26 489	632,193	2 544,584	4,025	3,558
74	90	22 370	507,250	1 912,391	3,770	3,303
75	91	18 471	397,953	1 405,141	3,531	3,064
76	92	14 857	304,118	1 007,188	3,312	2,845
77	93	11 616	225,917	703,069	3,112	2,645
78	94	8 807	162,741	477,152	2,932	2,465
79	95	6 424	112,792	314,411	2,788	2,321
80	96	4 572	76,271	201,619	2,643	2,177
81	97	3 144	49,836	125,349	2,515	2,048
82	98	2 122	31,954	75,513	2,363	1,896
83	99	1 365	19,530	43,559	2,230	1,764
84	100	836	11,369	24,028	2,113	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 891 226,406	19,000	18,533
1	18	99 172	94 225,163	1 791 686,873	19,015	18,548
2	19	99 125	89 482,483	1 697 461,710	18,970	18,503
3	20	99 090	84 989,317	1 607 979,228	18,920	18,453
4	21	99 059	80 724,598	1 522 989,910	18,866	18,400
5	22	99 031	76 676,364	1 442 265,312	18,810	18,343
6	23	99 005	72 832,181	1 365 588,948	18,750	18,283
7	24	98 973	69 177,032	1 292 756,767	18,688	18,221
8	25	98 948	65 709,718	1 223 579,734	18,621	18,154
9	26	98 921	62 415,310	1 157 870,016	18,551	18,084
10	27	98 894	59 285,651	1 095 454,706	18,478	18,011
11	28	98 865	56 311,775	1 036 169,055	18,401	17,934
12	29	98 831	53 484,754	979 857,281	18,320	17,854
13	30	98 798	50 799,737	926 372,527	18,236	17,769
14	31	98 759	48 246,837	875 572,790	18,148	17,681
15	32	98 716	45 820,059	827 325,953	18,056	17,589
16	33	98 667	43 512,848	781 505,894	17,960	17,494
17	34	98 606	41 317,009	737 993,046	17,862	17,395
18	35	98 539	39 229,206	696 676,037	17,759	17,292
19	36	98 461	37 243,121	657 446,831	17,653	17,186
20	37	98 374	35 354,029	620 203,710	17,543	17,076
21	38	98 285	33 559,934	584 849,681	17,427	16,960
22	39	98 183	31 852,997	551 289,747	17,307	16,841
23	40	98 080	30 232,461	519 436,750	17,181	16,715
24	41	97 969	28 691,751	489 204,290	17,050	16,584
25	42	97 847	27 226,607	460 512,538	16,914	16,447
26	43	97 718	25 834,609	433 285,931	16,772	16,305
27	44	97 584	24 512,237	407 451,322	16,622	16,156
28	45	97 433	23 253,503	382 939,085	16,468	16,001
29	46	97 275	22 057,655	359 685,583	16,307	15,840
30	47	97 096	20 918,796	337 627,928	16,140	15,673
31	48	96 901	19 835,415	316 709,132	15,967	15,500
32	49	96 679	18 802,902	296 873,717	15,789	15,322
33	50	96 436	17 820,137	278 070,814	15,604	15,138
34	51	96 178	16 885,882	260 250,678	15,412	14,946
35	52	95 888	15 995,265	243 364,796	15,215	14,748
36	53	95 568	15 146,629	227 369,530	15,011	14,544
37	54	95 222	14 339,030	212 222,901	14,800	14,334
38	55	94 847	13 570,052	197 883,871	14,582	14,116
39	56	94 433	12 836,954	184 313,819	14,358	13,891
40	57	93 989	12 139,230	171 476,865	14,126	13,659
41	58	93 496	11 473,228	159 337,635	13,888	13,421
42	59	92 960	10 838,475	147 864,407	13,643	13,176
43	60	92 373	10 232,830	137 025,932	13,391	12,924
44	61	91 725	9 654,154	126 793,102	13,134	12,667
45	62	91 048	9 104,893	117 138,948	12,865	12,399
46	63	90 310	8 580,586	108 034,054	12,591	12,124
47	64	89 519	8 081,201	99 453,468	12,307	11,840
48	65	88 646	7 603,201	91 372,267	12,018	11,551
49	66	87 691	7 146,109	83 769,066	11,722	11,256
50	67	86 651	6 709,162	76 622,957	11,421	10,954
51	68	85 509	6 290,497	69 913,795	11,114	10,647
52	69	84 309	5 892,828	63 623,297	10,797	10,330
53	70	82 998	5 511,835	57 730,469	10,474	10,007
54	71	81 578	5 147,299	52 218,634	10,145	9,678
55	72	80 037	4 798,164	47 071,335	9,810	9,343
56	73	78 399	4 465,511	42 273,171	9,467	9,000
57	74	76 658	4 148,545	37 807,661	9,113	8,647
58	75	74 778	3 844,963	33 659,116	8,754	8,287
59	76	72 733	3 553,268	29 814,153	8,391	7,924
60	77	70 487	3 271,793	26 260,886	8,026	7,560
61	78	68 073	3 002,131	22 989,093	7,658	7,191
62	79	65 434	2 741,766	19 986,962	7,290	6,823
63	80	62 512	2 488,688	17 245,196	6,929	6,463
64	81	59 325	2 244,019	14 756,508	6,576	6,109
65	82	55 902	2 009,041	12 512,489	6,228	5,761
66	83	52 272	1 784,878	10 503,449	5,885	5,418
67	84	48 431	1 571,238	8 718,571	5,549	5,082
68	85	44 364	1 367,510	7 147,333	5,227	4,760
69	86	40 173	1 176,539	5 779,822	4,913	4,446
70	87	35 846	997,450	4 603,283	4,615	4,148
71	88	31 497	832,715	3 605,832	4,330	3,863
72	89	27 200	683,249	2 773,118	4,059	3,592
73	90	23 021	549,427	2 089,868	3,804	3,337
74	91	19 060	432,209	1 540,441	3,564	3,097
75	92	15 380	331,361	1 108,232	3,344	2,878
76	93	12 070	247,078	776,870	3,144	2,677
77	94	9 186	178,656	529,792	2,965	2,499
78	95	6 736	124,469	351,136	2,821	2,354
79	96	4 824	84,703	226,667	2,676	2,209
80	97	3 340	55,717	141,965	2,548	2,081
81	98	2 273	36,029	86,248	2,394	1,927
82	99	1 475	22,217	50,219	2,260	1,794
83	100	914	13,075	28,002	2,142	1,675

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 887 414,124	18,964	18,497
1	19	99 152	94 205,975	1 787 889,166	18,979	18,512
2	20	99 106	89 465,210	1 693 683,191	18,931	18,464
3	21	99 072	84 973,580	1 604 217,981	18,879	18,412
4	22	99 043	80 711,234	1 519 244,401	18,823	18,356
5	23	99 014	76 663,095	1 438 533,167	18,764	18,298
6	24	98 983	72 816,378	1 361 870,072	18,703	18,236
7	25	98 956	69 165,302	1 289 053,694	18,637	18,170
8	26	98 929	65 697,466	1 219 888,392	18,568	18,101
9	27	98 902	62 403,166	1 154 190,926	18,496	18,029
10	28	98 873	59 272,701	1 091 787,760	18,420	17,953
11	29	98 840	56 297,731	1 032 515,059	18,340	17,873
12	30	98 806	53 470,913	976 217,328	18,257	17,790
13	31	98 769	50 784,653	922 746,415	18,170	17,703
14	32	98 728	48 231,437	871 961,762	18,079	17,612
15	33	98 682	45 804,157	823 730,325	17,984	17,517
16	34	98 632	43 497,355	777 926,169	17,884	17,418
17	35	98 568	41 300,849	734 428,813	17,782	17,316
18	36	98 499	39 213,417	693 127,964	17,676	17,209
19	37	98 415	37 225,660	653 914,547	17,566	17,099
20	38	98 329	35 337,758	616 688,887	17,451	16,984
21	39	98 227	33 540,279	581 351,129	17,333	16,866
22	40	98 125	31 834,022	547 810,850	17,208	16,742
23	41	98 014	30 211,942	515 976,828	17,079	16,612
24	42	97 894	28 669,863	485 764,886	16,943	16,477
25	43	97 765	27 204,014	457 095,022	16,802	16,336
26	44	97 631	25 811,359	429 891,008	16,655	16,188
27	45	97 485	24 487,233	404 079,649	16,502	16,035
28	46	97 325	23 227,646	379 592,415	16,342	15,875
29	47	97 151	22 029,647	356 364,769	16,177	15,710
30	48	96 956	20 888,808	334 335,122	16,005	15,539
31	49	96 746	19 803,687	313 446,314	15,828	15,361
32	50	96 504	18 768,842	293 642,627	15,645	15,178
33	51	96 246	17 785,019	274 873,785	15,455	14,989
34	52	95 965	16 848,585	257 088,766	15,259	14,792
35	53	95 653	15 955,992	240 240,181	15,056	14,590
36	54	95 307	15 105,232	224 284,189	14,848	14,381
37	55	94 935	14 295,875	209 178,958	14,632	14,165
38	56	94 532	13 525,089	194 883,083	14,409	13,942
39	57	94 091	12 790,499	181 357,994	14,179	13,712
40	58	93 613	12 090,767	168 567,495	13,942	13,475
41	59	93 083	11 422,625	156 476,728	13,699	13,232
42	60	92 511	10 786,125	145 054,104	13,448	12,981
43	61	91 875	10 177,665	134 267,978	13,192	12,726
44	62	91 212	9 600,138	124 090,314	12,926	12,459
45	63	90 495	9 049,566	114 490,176	12,651	12,185
46	64	89 715	8 524,088	105 440,609	12,370	11,903
47	65	88 867	8 022,311	96 916,521	12,081	11,614
48	66	87 935	7 542,283	88 894,211	11,786	11,319
49	67	86 925	7 083,685	81 351,927	11,484	11,018
50	68	85 811	6 644,121	74 268,243	11,178	10,711
51	69	84 636	6 226,241	67 624,122	10,861	10,394
52	70	83 367	5 826,993	61 397,881	10,537	10,070
53	71	81 987	5 444,681	55 570,888	10,206	9,740
54	72	80 486	5 078,375	50 126,207	9,871	9,404
55	73	78 884	4 729,025	45 047,832	9,526	9,059
56	74	77 185	4 396,372	40 318,807	9,171	8,704
57	75	75 346	4 077,570	35 922,434	8,810	8,343
58	76	73 352	3 771,649	31 844,865	8,443	7,976
59	77	71 146	3 475,714	28 073,216	8,077	7,610
60	78	68 764	3 191,791	24 597,502	7,706	7,240
61	79	66 161	2 917,770	21 405,711	7,336	6,870
62	80	63 279	2 651,498	18 487,941	6,973	6,506
63	81	60 111	2 393,103	15 836,443	6,618	6,151
64	82	56 711	2 145,141	13 443,340	6,267	5,800
65	83	53 088	1 907,903	11 298,199	5,922	5,455
66	84	49 236	1 681,209	9 390,296	5,585	5,119
67	85	45 175	1 465,618	7 709,088	5,260	4,793
68	86	40 938	1 261,909	6 243,469	4,948	4,481
69	87	36 601	1 071,936	4 981,560	4,647	4,180
70	88	32 219	896,518	3 909,624	4,361	3,894
71	89	27 880	737,098	3 013,106	4,088	3,621
72	90	23 639	593,800	2 276,007	3,833	3,366
73	91	19 615	468,147	1 682,208	3,593	3,127
74	92	15 871	359,885	1 214,061	3,373	2,907
75	93	12 495	269,212	854,176	3,173	2,706
76	94	9 545	195,390	584,964	2,994	2,527
77	95	7 026	136,641	389,574	2,851	2,384
78	96	5 058	93,472	252,933	2,706	2,239
79	97	3 524	61,877	159,461	2,577	2,110
80	98	2 415	40,280	97,584	2,423	1,956
81	99	1 580	25,050	57,304	2,288	1,821
82	100	988	14,873	32,255	2,169	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 883 373,823	18,927	18,461
1	20	99 133	94 187,791	1 783 869,132	18,939	18,473
2	21	99 087	89 448,644	1 689 681,341	18,890	18,423
3	22	99 055	84 959,512	1 600 232,697	18,835	18,368
4	23	99 026	80 697,267	1 515 273,185	18,777	18,310
5	24	98 993	76 646,461	1 434 575,918	18,717	18,250
6	25	98 966	72 804,030	1 357 929,457	18,652	18,185
7	26	98 938	69 152,405	1 285 125,427	18,584	18,117
8	27	98 910	65 684,683	1 215 973,022	18,512	18,045
9	28	98 881	62 389,535	1 150 288,339	18,437	17,970
10	29	98 848	59 257,919	1 087 898,803	18,359	17,892
11	30	98 815	56 283,162	1 028 640,884	18,276	17,809
12	31	98 777	53 455,036	972 357,722	18,190	17,723
13	32	98 737	50 768,443	918 902,687	18,100	17,633
14	33	98 694	48 214,698	868 134,244	18,006	17,539
15	34	98 647	45 787,849	819 919,546	17,907	17,440
16	35	98 593	43 480,343	774 131,697	17,804	17,337
17	36	98 528	41 284,226	730 651,354	17,698	17,231
18	37	98 453	39 195,032	689 367,128	17,588	17,121
19	38	98 370	37 208,527	650 172,096	17,474	17,007
20	39	98 271	35 317,062	612 963,569	17,356	16,889
21	40	98 168	33 520,299	577 646,506	17,233	16,766
22	41	98 058	31 812,417	544 126,207	17,104	16,637
23	42	97 939	30 188,894	512 313,791	16,970	16,503
24	43	97 813	28 646,073	482 124,896	16,830	16,364
25	44	97 678	27 179,533	453 478,823	16,685	16,218
26	45	97 531	25 785,031	426 299,291	16,533	16,066
27	46	97 376	24 460,005	400 514,260	16,374	15,907
28	47	97 201	23 198,153	376 054,255	16,211	15,744
29	48	97 012	21 998,067	352 856,103	16,040	15,574
30	49	96 801	20 855,395	330 858,036	15,864	15,398
31	50	96 570	19 767,813	310 002,640	15,682	15,215
32	51	96 314	18 731,855	290 234,827	15,494	15,027
33	52	96 034	17 745,736	271 502,972	15,300	14,833
34	53	95 730	16 807,216	253 757,236	15,098	14,631
35	54	95 391	15 912,382	236 950,020	14,891	14,424
36	55	95 020	15 059,770	221 037,638	14,677	14,211
37	56	94 621	14 248,507	205 977,868	14,456	13,989
38	57	94 190	13 476,143	191 729,361	14,227	13,761
39	58	93 716	12 739,436	178 253,217	13,992	13,525
40	59	93 201	12 037,440	165 513,782	13,750	13,283
41	60	92 634	11 367,453	153 476,342	13,501	13,035
42	61	92 012	10 727,977	142 108,889	13,247	12,780
43	62	91 361	10 120,720	131 380,912	12,981	12,515
44	63	90 657	9 541,802	121 260,192	12,708	12,242
45	64	89 899	8 989,980	111 718,391	12,427	11,960
46	65	89 061	8 461,970	102 728,410	12,140	11,673
47	66	88 155	7 958,035	94 266,441	11,845	11,379
48	67	87 167	7 476,398	86 308,406	11,544	11,077
49	68	86 082	7 015,012	78 832,008	11,238	10,771
50	69	84 934	6 576,252	71 816,995	10,921	10,454
51	70	83 690	6 156,680	65 240,743	10,597	10,130
52	71	82 351	5 755,999	59 084,062	10,265	9,798
53	72	80 889	5 371,775	53 328,063	9,927	9,461
54	73	79 326	5 005,199	47 956,288	9,581	9,115
55	74	77 662	4 655,807	42 951,089	9,225	8,758
56	75	75 864	4 321,157	38 295,282	8,862	8,395
57	76	73 910	3 999,820	33 974,125	8,494	8,027
58	77	71 751	3 689,328	29 974,304	8,125	7,658
59	78	69 406	3 390,726	26 284,976	7,752	7,285
60	79	66 832	3 102,101	22 894,250	7,380	6,913
61	80	63 982	2 821,707	19 792,148	7,014	6,547
62	81	60 849	2 549,660	16 970,441	6,656	6,189
63	82	57 462	2 287,656	14 420,782	6,304	5,837
64	83	53 856	2 037,152	12 133,125	5,956	5,489
65	84	50 004	1 797,088	10 095,974	5,618	5,151
66	85	45 926	1 568,196	8 298,886	5,292	4,825
67	86	41 687	1 352,441	6 730,689	4,977	4,510
68	87	37 299	1 149,716	5 378,248	4,678	4,211
69	88	32 897	963,467	4 228,532	4,389	3,922
70	89	28 519	793,576	3 265,066	4,114	3,648
71	90	24 230	640,599	2 471,490	3,858	3,391
72	91	20 142	505,955	1 830,891	3,619	3,152
73	92	16 333	389,809	1 324,936	3,399	2,932
74	93	12 894	292,386	935,127	3,198	2,731
75	94	9 881	212,893	642,741	3,019	2,552
76	95	7 300	149,440	429,848	2,876	2,410
77	96	5 276	102,613	280,408	2,733	2,266
78	97	3 695	68,283	177,796	2,604	2,137
79	98	2 548	44,733	109,513	2,448	1,981
80	99	1 679	28,006	64,780	2,313	1,846
81	100	1 058	16,770	36,774	2,193	1,726

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 879 100,176	18,888	18,421
1	21	99 114	94 170,350	1 779 614,692	18,898	18,431
2	22	99 071	89 433,835	1 685 444,341	18,846	18,379
3	23	99 038	84 944,810	1 596 010,506	18,789	18,322
4	24	99 004	80 679,757	1 511 065,696	18,729	18,262
5	25	98 976	76 633,464	1 430 385,939	18,665	18,198
6	26	98 948	72 790,455	1 353 752,475	18,598	18,131
7	27	98 918	69 138,950	1 280 962,020	18,527	18,061
8	28	98 889	65 670,335	1 211 823,070	18,453	17,986
9	29	98 856	62 373,976	1 146 152,735	18,375	17,909
10	30	98 822	59 242,584	1 083 778,759	18,294	17,827
11	31	98 785	56 266,450	1 024 536,175	18,209	17,742
12	32	98 745	53 437,973	968 269,725	18,120	17,653
13	33	98 703	50 750,823	914 831,752	18,026	17,559
14	34	98 658	48 197,532	864 080,929	17,928	17,461
15	35	98 608	45 769,940	815 883,397	17,826	17,359
16	36	98 553	43 462,843	770 113,457	17,719	17,252
17	37	98 482	41 264,870	726 650,614	17,609	17,143
18	38	98 408	39 176,993	685 385,743	17,495	17,028
19	39	98 312	37 186,736	646 208,750	17,377	16,911
20	40	98 213	35 296,024	609 022,014	17,255	16,788
21	41	98 102	33 497,549	573 725,990	17,127	16,661
22	42	97 983	31 788,148	540 228,442	16,995	16,528
23	43	97 858	30 163,843	508 440,293	16,856	16,389
24	44	97 725	28 620,293	478 276,450	16,711	16,244
25	45	97 578	27 151,809	449 656,157	16,561	16,094
26	46	97 422	25 756,359	422 504,348	16,404	15,937
27	47	97 253	24 428,947	396 747,989	16,241	15,774
28	48	97 062	23 164,897	372 319,042	16,073	15,606
29	49	96 857	21 962,879	349 154,145	15,897	15,431
30	50	96 626	20 817,617	327 191,266	15,717	15,250
31	51	96 380	19 728,857	306 373,649	15,529	15,062
32	52	96 101	18 690,480	286 644,791	15,336	14,870
33	53	95 798	17 702,165	267 954,311	15,137	14,670
34	54	95 468	16 761,280	250 252,146	14,930	14,464
35	55	95 104	15 864,492	233 490,867	14,718	14,251
36	56	94 705	15 009,871	217 626,375	14,499	14,032
37	57	94 279	14 196,943	202 616,503	14,272	13,805
38	58	93 814	13 422,343	188 419,560	14,038	13,571
39	59	93 302	12 683,248	174 997,217	13,798	13,331
40	60	92 750	11 979,299	162 313,970	13,550	13,083
41	61	92 134	11 306,171	150 334,671	13,297	12,830
42	62	91 498	10 667,953	139 028,500	13,032	12,566
43	63	90 806	10 059,220	128 360,547	12,760	12,294
44	64	90 060	9 478,974	118 301,327	12,480	12,014
45	65	89 244	8 924,467	108 822,353	12,194	11,727
46	66	88 348	8 394,171	99 897,886	11,901	11,434
47	67	87 384	7 888,518	91 503,715	11,600	11,133
48	68	86 322	7 403,919	83 615,197	11,293	10,827
49	69	85 203	6 943,356	76 211,278	10,976	10,509
50	70	83 986	6 502,781	69 267,922	10,652	10,185
51	71	82 670	6 081,670	62 765,141	10,320	9,854
52	72	81 249	5 678,924	56 683,470	9,981	9,515
53	73	79 723	5 294,371	51 004,546	9,634	9,167
54	74	78 098	4 927,705	45 710,175	9,276	8,809
55	75	76 334	4 576,154	40 782,470	8,912	8,445
56	76	74 418	4 238,764	36 206,316	8,542	8,075
57	77	72 296	3 912,520	31 967,553	8,171	7,704
58	78	69 997	3 599,117	28 055,033	7,795	7,328
59	79	67 456	3 295,446	24 455,915	7,421	6,954
60	80	64 631	2 999,970	21 160,470	7,054	6,587
61	81	61 525	2 713,331	18 160,500	6,693	6,226
62	82	58 168	2 437,315	15 447,169	6,338	5,871
63	83	54 570	2 172,492	13 009,854	5,988	5,522
64	84	50 728	1 918,830	10 837,361	5,648	5,181
65	85	46 643	1 676,286	8 918,531	5,320	4,854
66	86	42 380	1 447,098	7 242,245	5,005	4,538
67	87	37 981	1 232,199	5 795,147	4,703	4,236
68	88	33 524	1 033,376	4 562,949	4,416	3,949
69	89	29 120	852,837	3 529,572	4,139	3,672
70	90	24 785	689,682	2 676,736	3,881	3,414
71	91	20 646	545,831	1 987,054	3,640	3,174
72	92	16 772	421,291	1 441,223	3,421	2,954
73	93	13 270	316,697	1 019,932	3,221	2,754
74	94	10 197	231,219	703,235	3,041	2,575
75	95	7 558	162,827	472,016	2,899	2,432
76	96	5 482	112,224	309,189	2,755	2,288
77	97	3 854	74,960	196,965	2,628	2,161
78	98	2 671	49,365	122,005	2,472	2,005
79	99	1 771	31,102	72,640	2,336	1,869
80	100	1 124	18,749	41,539	2,216	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 874 580,497	18,846	18,379
1	22	99 098	94 154,760	1 775 113,434	18,853	18,386
2	23	99 054	89 418,359	1 680 958,675	18,799	18,332
3	24	99 017	84 926,378	1 591 540,316	18,740	18,273
4	25	98 987	80 666,076	1 506 613,937	18,677	18,210
5	26	98 957	76 619,174	1 425 947,861	18,611	18,144
6	27	98 929	72 776,292	1 349 328,687	18,541	18,074
7	28	98 897	69 123,848	1 276 552,395	18,468	18,001
8	29	98 864	65 653,958	1 207 428,546	18,391	17,924
9	30	98 830	62 357,834	1 141 774,589	18,310	17,843
10	31	98 793	59 224,993	1 079 416,754	18,226	17,759
11	32	98 754	56 248,490	1 020 191,761	18,137	17,670
12	33	98 711	53 419,428	963 943,272	18,045	17,578
13	34	98 668	50 732,754	910 523,844	17,947	17,481
14	35	98 620	48 178,681	859 791,090	17,846	17,379
15	36	98 568	45 751,519	811 612,409	17,740	17,273
16	37	98 507	43 442,465	765 860,891	17,629	17,163
17	38	98 437	41 245,879	722 418,425	17,515	17,048
18	39	98 350	39 154,049	681 172,546	17,397	16,930
19	40	98 254	37 164,584	642 018,497	17,275	16,808
20	41	98 146	35 272,069	604 853,913	17,148	16,681
21	42	98 027	33 471,995	569 581,845	17,017	16,550
22	43	97 902	31 761,770	536 109,850	16,879	16,412
23	44	97 770	30 136,698	504 348,080	16,735	16,269
24	45	97 625	28 591,099	474 211,382	16,586	16,119
25	46	97 469	27 121,617	445 620,283	16,430	15,964
26	47	97 299	25 723,655	418 498,666	16,269	15,802
27	48	97 113	24 393,927	392 775,010	16,101	15,635
28	49	96 907	23 127,843	368 381,083	15,928	15,461
29	50	96 681	21 923,095	345 253,240	15,748	15,282
30	51	96 436	20 776,592	323 330,145	15,562	15,095
31	52	96 167	19 685,281	302 553,553	15,370	14,903
32	53	95 865	18 644,590	282 868,272	15,172	14,705
33	54	95 536	17 653,782	264 223,683	14,967	14,500
34	55	95 181	16 710,834	246 569,900	14,755	14,288
35	56	94 789	15 811,927	229 859,066	14,537	14,070
36	57	94 362	14 955,552	214 047,139	14,312	13,845
37	58	93 902	14 140,265	199 091,587	14,080	13,613
38	59	93 400	13 363,143	184 951,322	13,840	13,374
39	60	92 852	12 621,988	171 588,179	13,594	13,128
40	61	92 250	11 914,718	158 966,192	13,342	12,875
41	62	91 619	11 242,912	147 051,473	13,079	12,613
42	63	90 942	10 603,128	135 808,562	12,808	12,342
43	64	90 208	9 992,986	125 205,434	12,529	12,063
44	65	89 404	9 409,898	115 212,449	12,244	11,777
45	66	88 529	8 852,963	105 802,551	11,951	11,484
46	67	87 576	8 320,844	96 949,588	11,651	11,185
47	68	86 537	7 812,043	88 628,744	11,345	10,878
48	69	85 440	7 328,290	80 816,700	11,028	10,561
49	70	84 251	6 865,783	73 488,411	10,704	10,237
50	71	82 962	6 423,554	66 622,627	10,372	9,905
51	72	81 563	6 000,235	60 199,073	10,033	9,566
52	73	80 078	5 597,095	54 198,838	9,683	9,217
53	74	78 489	5 212,400	48 601,743	9,324	8,857
54	75	76 762	4 843,400	43 389,344	8,958	8,492
55	76	74 878	4 488,898	38 545,944	8,587	8,120
56	77	72 794	4 146,248	34 057,046	8,214	7,747
57	78	70 529	3 816,852	29 910,798	7,837	7,370
58	79	68 030	3 497,981	26 093,947	7,460	6,993
59	80	65 235	3 186,949	22 595,965	7,090	6,623
60	81	62 149	2 884,747	19 409,017	6,728	6,261
61	82	58 814	2 593,775	16 524,270	6,371	5,904
62	83	55 239	2 314,617	13 930,495	6,018	5,552
63	84	51 400	2 046,310	11 615,878	5,677	5,210
64	85	47 318	1 789,844	9 569,568	5,347	4,880
65	86	43 041	1 546,841	7 779,724	5,029	4,563
66	87	38 612	1 318,440	6 232,883	4,727	4,261
67	88	34 137	1 107,512	4 914,443	4,437	3,971
68	89	29 675	914,719	3 806,930	4,162	3,695
69	90	25 308	741,185	2 892,212	3,902	3,435
70	91	21 119	587,653	2 151,027	3,660	3,194
71	92	17 191	454,494	1 563,374	3,440	2,973
72	93	13 626	342,274	1 108,880	3,240	2,773
73	94	10 494	250,445	766,606	3,061	2,594
74	95	7 799	176,843	516,161	2,919	2,452
75	96	5 675	122,277	339,318	2,775	2,308
76	97	4 005	81,981	217,041	2,647	2,181
77	98	2 786	54,192	135,060	2,492	2,025
78	99	1 857	34,322	80,868	2,356	1,889
79	100	1 186	20,822	46,546	2,235	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 869 801,758	18,801	18,335
1	23	99 081	94 138,466	1 770 351,162	18,806	18,339
2	24	99 032	89 398,957	1 676 212,696	18,750	18,283
3	25	99 000	84 911,977	1 586 813,739	18,688	18,221
4	26	98 969	80 651,035	1 501 901,762	18,622	18,155
5	27	98 938	76 604,266	1 421 250,727	18,553	18,086
6	28	98 907	72 760,396	1 344 646,461	18,480	18,014
7	29	98 872	69 106,609	1 271 886,065	18,405	17,938
8	30	98 838	65 636,968	1 202 779,456	18,325	17,858
9	31	98 801	62 339,318	1 137 142,488	18,241	17,774
10	32	98 761	59 206,089	1 074 803,170	18,154	17,687
11	33	98 720	56 228,969	1 015 597,081	18,062	17,595
12	34	98 676	53 400,408	959 368,112	17,966	17,499
13	35	98 629	50 712,911	905 967,704	17,865	17,398
14	36	98 580	48 159,290	855 254,793	17,759	17,292
15	37	98 522	45 730,068	807 095,503	17,649	17,182
16	38	98 462	43 422,472	761 365,435	17,534	17,067
17	39	98 379	41 221,723	717 942,963	17,417	16,950
18	40	98 291	39 130,725	676 721,239	17,294	16,827
19	41	98 187	37 139,360	637 590,515	17,168	16,701
20	42	98 071	35 245,161	600 451,155	17,036	16,570
21	43	97 946	33 444,219	565 205,994	16,900	16,433
22	44	97 814	31 733,187	531 761,774	16,757	16,290
23	45	97 670	30 105,957	500 028,588	16,609	16,142
24	46	97 517	28 559,307	469 922,630	16,454	15,987
25	47	97 346	27 087,180	441 363,323	16,294	15,827
26	48	97 159	25 686,779	414 276,143	16,128	15,661
27	49	96 958	24 354,907	388 589,364	15,955	15,488
28	50	96 731	23 085,948	364 234,457	15,777	15,311
29	51	96 491	21 879,892	341 148,508	15,592	15,125
30	52	96 223	20 730,701	319 268,617	15,401	14,934
31	53	95 931	19 636,947	298 537,916	15,203	14,736
32	54	95 603	18 593,631	278 900,968	15,000	14,533
33	55	95 249	17 600,651	260 307,337	14,790	14,323
34	56	94 866	16 655,465	242 706,686	14,572	14,105
35	57	94 446	15 754,705	226 051,221	14,348	13,881
36	58	93 986	14 895,846	210 296,516	14,118	13,651
37	59	93 488	14 077,899	195 400,670	13,880	13,413
38	60	92 949	13 298,599	181 322,772	13,635	13,168
39	61	92 351	12 553,942	168 024,173	13,384	12,917
40	62	91 734	11 848,054	155 470,231	13,122	12,655
41	63	91 062	11 174,593	143 622,177	12,853	12,386
42	64	90 343	10 533,312	132 447,584	12,574	12,107
43	65	89 551	9 920,163	121 914,272	12,290	11,823
44	66	88 688	9 334,504	111 994,109	11,998	11,531
45	67	87 755	8 775,628	102 659,605	11,698	11,231
46	68	86 727	8 240,179	93 883,976	11,393	10,927
47	69	85 653	7 732,245	85 643,797	11,076	10,609
48	70	84 486	7 246,417	77 911,552	10,752	10,285
49	71	83 224	6 782,134	70 665,136	10,419	9,953
50	72	81 851	6 337,541	63 883,002	10,080	9,613
51	73	80 388	5 913,775	57 545,461	9,731	9,264
52	74	78 838	5 510,436	51 631,686	9,370	8,903
53	75	77 146	5 123,224	46 121,250	9,002	8,536
54	76	75 298	4 751,048	40 998,026	8,629	8,162
55	77	73 244	4 390,923	36 246,978	8,255	7,788
56	78	71 014	4 044,864	31 856,055	7,876	7,409
57	79	68 547	3 709,597	27 811,191	7,497	7,030
58	80	65 790	3 382,816	24 101,593	7,125	6,658
59	81	62 729	3 064,545	20 718,777	6,761	6,294
60	82	59 411	2 757,638	17 654,233	6,402	5,935
61	83	55 853	2 463,200	14 896,595	6,048	5,581
62	84	52 031	2 180,179	12 433,395	5,703	5,236
63	85	47 945	1 908,755	10 253,215	5,372	4,905
64	86	43 664	1 651,630	8 344,460	5,052	4,585
65	87	39 214	1 409,315	6 692,830	4,749	4,282
66	88	34 705	1 185,027	5 283,515	4,459	3,992
67	89	30 218	980,342	4 098,488	4,181	3,714
68	90	25 790	794,965	3 118,146	3,922	3,456
69	91	21 564	631,536	2 323,181	3,679	3,212
70	92	17 585	489,318	1 691,644	3,457	2,990
71	93	13 967	369,250	1 202,326	3,256	2,789
72	94	10 775	270,671	833,077	3,078	2,611
73	95	8 026	191,547	562,406	2,936	2,469
74	96	5 857	132,803	370,859	2,793	2,326
75	97	4 146	89,325	238,056	2,665	2,198
76	98	2 895	59,268	148,730	2,509	2,043
77	99	1 937	37,678	89,462	2,374	1,908
78	100	1 243	22,977	51,784	2,254	1,787

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 864 749,035	18,754	18,287
1	24	99 059	94 118,040	1 765 315,650	18,756	18,290
2	25	99 015	89 383,797	1 671 197,610	18,697	18,230
3	26	98 982	84 896,145	1 581 813,813	18,632	18,166
4	27	98 950	80 635,343	1 496 917,668	18,564	18,097
5	28	98 916	76 587,534	1 416 282,325	18,492	18,026
6	29	98 882	72 742,250	1 339 694,791	18,417	17,950
7	30	98 847	69 088,726	1 266 952,542	18,338	17,871
8	31	98 809	65 617,478	1 197 863,816	18,255	17,788
9	32	98 769	62 319,420	1 132 246,338	18,168	17,702
10	33	98 727	59 185,542	1 069 926,918	18,078	17,611
11	34	98 684	56 208,949	1 010 741,377	17,982	17,515
12	35	98 637	53 379,522	954 532,428	17,882	17,415
13	36	98 590	50 692,500	901 152,906	17,777	17,310
14	37	98 534	48 136,711	850 460,406	17,668	17,201
15	38	98 477	45 709,022	802 323,695	17,553	17,086
16	39	98 404	43 397,041	756 614,673	17,435	16,968
17	40	98 320	41 197,167	713 217,632	17,312	16,846
18	41	98 225	39 104,167	672 020,465	17,185	16,719
19	42	98 112	37 111,028	632 916,298	17,055	16,588
20	43	97 990	35 215,914	595 805,270	16,919	16,452
21	44	97 858	33 414,122	560 589,356	16,777	16,310
22	45	97 714	31 700,818	527 175,234	16,630	16,163
23	46	97 561	30 072,481	495 474,416	16,476	16,009
24	47	97 393	28 523,045	465 401,936	16,317	15,850
25	48	97 206	27 048,349	436 878,891	16,152	15,685
26	49	97 004	25 645,691	409 830,542	15,980	15,514
27	50	96 782	24 310,790	384 184,850	15,803	15,336
28	51	96 541	23 040,454	359 874,061	15,619	15,152
29	52	96 278	21 831,564	336 833,607	15,429	14,962
30	53	95 986	20 679,801	315 002,043	15,232	14,766
31	54	95 669	19 583,277	294 322,242	15,029	14,562
32	55	95 315	18 537,671	274 738,965	14,821	14,354
33	56	94 933	17 542,333	256 201,294	14,605	14,138
34	57	94 522	16 595,191	238 658,961	14,381	13,914
35	58	94 069	15 691,808	222 063,770	14,152	13,685
36	59	93 571	14 830,147	206 371,963	13,916	13,449
37	60	93 036	14 009,902	191 541,816	13,672	13,205
38	61	92 448	13 226,906	177 531,914	13,422	12,955
39	62	91 834	12 483,702	164 305,008	13,162	12,695
40	63	91 177	11 776,058	151 821,306	12,892	12,426
41	64	90 463	11 101,015	140 045,248	12,616	12,149
42	65	89 684	10 456,552	128 944,234	12,331	11,865
43	66	88 833	9 840,681	118 487,682	12,041	11,574
44	67	87 913	9 252,963	108 647,000	11,742	11,275
45	68	86 904	8 690,554	99 394,037	11,437	10,970
46	69	85 841	8 156,007	90 703,483	11,121	10,654
47	70	84 696	7 645,859	82 547,476	10,796	10,330
48	71	83 457	7 158,130	74 901,617	10,464	9,997
49	72	82 110	6 691,318	67 743,487	10,124	9,657
50	73	80 672	6 246,221	61 052,169	9,774	9,307
51	74	79 144	5 822,214	54 805,948	9,413	8,946
52	75	77 489	5 416,162	48 983,734	9,044	8,577
53	76	75 675	5 025,537	43 567,573	8,669	8,202
54	77	73 654	4 647,351	38 542,036	8,293	7,827
55	78	71 453	4 283,556	33 894,685	7,913	7,446
56	79	69 018	3 931,203	29 611,128	7,532	7,066
57	80	66 290	3 587,465	25 679,926	7,158	6,691
58	81	63 263	3 252,889	22 092,461	6,792	6,325
59	82	59 965	2 929,513	18 839,572	6,431	5,964
60	83	56 420	2 618,814	15 910,059	6,075	5,608
61	84	52 609	2 320,133	13 291,245	5,729	5,262
62	85	48 533	2 033,626	10 971,112	5,395	4,928
63	86	44 243	1 761,358	8 937,486	5,074	4,607
64	87	39 782	1 504,788	7 176,128	4,769	4,302
65	88	35 246	1 266,706	5 671,340	4,477	4,010
66	89	30 720	1 048,956	4 404,634	4,199	3,732
67	90	26 261	851,998	3 355,678	3,939	3,472
68	91	21 975	677,361	2 503,680	3,696	3,229
69	92	17 955	525,858	1 826,319	3,473	3,006
70	93	14 287	397,542	1 300,461	3,271	2,804
71	94	11 045	292,003	902,919	3,092	2,625
72	95	8 241	207,017	610,916	2,951	2,484
73	96	6 027	143,845	403,899	2,808	2,341
74	97	4 278	97,015	260,054	2,681	2,214
75	98	2 997	64,577	163,039	2,525	2,058
76	99	2 013	41,207	98,462	2,389	1,923
77	100	1 297	25,224	57,255	2,270	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 859 409,488	18,704	18,237
1	25	99 042	94 102,080	1 759 997,678	18,703	18,236
2	26	98 997	89 367,131	1 665 895,598	18,641	18,174
3	27	98 962	84 879,626	1 576 528,467	18,574	18,107
4	28	98 928	80 617,730	1 491 648,841	18,503	18,036
5	29	98 892	76 568,433	1 411 031,112	18,428	17,962
6	30	98 857	72 723,425	1 334 462,678	18,350	17,883
7	31	98 817	69 068,211	1 261 739,253	18,268	17,801
8	32	98 777	65 596,533	1 192 671,042	18,182	17,715
9	33	98 735	62 297,792	1 127 074,509	18,092	17,625
10	34	98 692	59 164,469	1 064 776,717	17,997	17,530
11	35	98 646	56 186,964	1 005 612,248	17,898	17,431
12	36	98 597	53 358,038	949 425,283	17,793	17,327
13	37	98 543	50 668,733	896 067,246	17,685	17,218
14	38	98 489	48 114,557	845 398,512	17,571	17,104
15	39	98 419	45 682,252	797 283,956	17,453	16,986
16	40	98 346	43 371,190	751 601,704	17,330	16,863
17	41	98 254	41 169,207	708 230,514	17,203	16,736
18	42	98 150	39 074,336	667 061,307	17,072	16,605
19	43	98 031	37 080,233	627 986,971	16,936	16,469
20	44	97 902	35 184,222	590 906,738	16,795	16,328
21	45	97 758	33 380,038	555 722,516	16,648	16,182
22	46	97 605	31 665,568	522 342,478	16,496	16,029
23	47	97 437	30 034,297	490 676,910	16,337	15,870
24	48	97 253	28 482,156	460 642,614	16,173	15,706
25	49	97 051	27 005,083	432 160,458	16,003	15,536
26	50	96 828	25 599,235	405 155,375	15,827	15,360
27	51	96 592	24 262,881	379 556,139	15,643	15,177
28	52	96 327	22 989,562	355 293,258	15,455	14,988
29	53	96 041	21 777,961	332 303,696	15,259	14,792
30	54	95 724	20 623,280	310 525,735	15,057	14,590
31	55	95 381	19 524,338	289 902,455	14,848	14,381
32	56	94 999	18 476,249	270 378,116	14,634	14,167
33	57	94 589	17 478,849	251 901,868	14,412	13,945
34	58	94 145	16 528,938	234 423,018	14,183	13,716
35	59	93 654	15 622,598	217 894,080	13,947	13,481
36	60	93 119	14 758,517	202 271,482	13,705	13,239
37	61	92 535	13 934,375	187 512,965	13,457	12,990
38	62	91 931	13 152,900	173 578,590	13,197	12,730
39	63	91 276	12 407,843	160 425,691	12,929	12,463
40	64	90 576	11 698,519	148 017,848	12,653	12,186
41	65	89 803	11 020,118	136 319,329	12,370	11,903
42	66	88 966	10 372,773	125 299,211	12,080	11,613
43	67	88 057	9 754,719	114 926,438	11,782	11,315
44	68	87 061	9 163,261	105 171,720	11,478	11,011
45	69	86 017	8 601,782	96 008,458	11,161	10,695
46	70	84 882	8 064,887	87 406,676	10,838	10,371
47	71	83 665	7 552,705	79 341,790	10,505	10,038
48	72	82 339	7 062,280	71 789,084	10,165	9,698
49	73	80 927	6 594,901	64 726,805	9,815	9,348
50	74	79 423	6 149,512	58 131,904	9,453	8,986
51	75	77 790	5 722,605	51 982,391	9,084	8,617
52	76	76 012	5 312,889	46 259,786	8,707	8,240
53	77	74 024	4 915,849	40 946,898	8,330	7,863
54	78	71 853	4 533,715	36 031,049	7,947	7,481
55	79	69 445	4 163,187	31 497,334	7,566	7,099
56	80	66 746	3 801,775	27 334,147	7,190	6,723
57	81	63 744	3 449,678	23 532,372	6,822	6,355
58	82	60 476	3 109,558	20 082,694	6,458	5,992
59	83	56 946	2 782,037	16 973,136	6,101	5,634
60	84	53 143	2 466,708	14 191,099	5,753	5,286
61	85	49 073	2 164,171	11 724,391	5,417	4,951
62	86	44 786	1 876,586	9 560,220	5,094	4,628
63	87	40 309	1 604,760	7 683,633	4,788	4,321
64	88	35 757	1 352,518	6 078,873	4,494	4,028
65	89	31 199	1 121,257	4 726,355	4,215	3,748
66	90	26 698	911,629	3 605,098	3,955	3,488
67	91	22 376	725,956	2 693,470	3,710	3,243
68	92	18 298	564,015	1 967,514	3,488	3,022
69	93	14 588	427,229	1 403,499	3,285	2,818
70	94	11 298	314,377	976,270	3,105	2,639
71	95	8 447	223,332	661,893	2,964	2,497
72	96	6 189	155,463	438,561	2,821	2,354
73	97	4 403	105,081	283,098	2,694	2,227
74	98	3 093	70,136	178,017	2,538	2,071
75	99	2 084	44,899	107,881	2,403	1,936
76	100	1 348	27,587	62,983	2,283	1,816

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 853 773,484	18,651	18,184
1	26	99 024	94 084,534	1 754 378,531	18,647	18,180
2	27	98 978	89 349,742	1 660 293,997	18,582	18,115
3	28	98 941	84 861,086	1 570 944,255	18,512	18,045
4	29	98 903	80 597,624	1 486 083,169	18,438	17,972
5	30	98 866	76 548,619	1 405 485,545	18,361	17,894
6	31	98 828	72 701,831	1 328 936,926	18,279	17,812
7	32	98 786	69 046,165	1 256 235,095	18,194	17,727
8	33	98 743	65 573,768	1 187 188,930	18,105	17,638
9	34	98 700	62 275,611	1 121 615,162	18,011	17,544
10	35	98 653	59 141,329	1 059 339,551	17,912	17,445
11	36	98 606	56 164,350	1 000 198,222	17,808	17,342
12	37	98 551	53 333,021	944 033,872	17,701	17,234
13	38	98 498	50 645,414	890 700,851	17,587	17,120
14	39	98 431	48 086,378	840 055,437	17,470	17,003
15	40	98 360	45 655,039	791 969,059	17,347	16,880
16	41	98 279	43 341,754	746 314,020	17,219	16,752
17	42	98 179	41 137,801	702 972,266	17,088	16,621
18	43	98 068	39 041,912	661 834,466	16,952	16,485
19	44	97 943	37 046,863	622 792,554	16,811	16,344
20	45	97 802	35 148,333	585 745,691	16,665	16,198
21	46	97 649	33 342,921	550 597,358	16,513	16,046
22	47	97 481	31 625,361	517 254,437	16,356	15,889
23	48	97 298	29 991,241	485 629,076	16,192	15,726
24	49	97 098	28 436,596	455 637,835	16,023	15,556
25	50	96 875	26 956,165	427 201,239	15,848	15,381
26	51	96 637	25 548,788	400 245,074	15,666	15,199
27	52	96 378	24 209,290	374 696,286	15,477	15,011
28	53	96 091	22 933,116	350 486,996	15,283	14,816
29	54	95 779	21 718,438	327 553,880	15,082	14,615
30	55	95 436	20 561,212	305 835,441	14,874	14,408
31	56	95 065	19 459,647	285 274,230	14,660	14,193
32	57	94 656	18 409,385	265 814,583	14,439	13,972
33	58	94 212	17 409,069	247 405,198	14,211	13,744
34	59	93 730	16 456,036	229 996,129	13,976	13,510
35	60	93 202	15 547,141	213 540,093	13,735	13,268
36	61	92 617	14 678,954	197 992,952	13,488	13,021
37	62	92 017	13 856,410	183 313,998	13,230	12,763
38	63	91 372	13 072,974	169 457,588	12,962	12,496
39	64	90 675	12 326,144	156 384,613	12,687	12,220
40	65	89 916	11 613,268	144 058,469	12,405	11,938
41	66	89 084	10 931,823	132 445,201	12,116	11,649
42	67	88 189	10 282,162	121 513,378	11,818	11,351
43	68	87 204	9 660,153	111 231,216	11,514	11,048
44	69	86 171	9 069,661	101 571,064	11,199	10,732
45	70	85 056	8 505,681	92 501,403	10,875	10,408
46	71	83 848	7 966,628	83 995,722	10,543	10,077
47	72	82 544	7 451,572	76 029,094	10,203	9,736
48	73	81 153	6 960,517	68 577,522	9,852	9,386
49	74	79 674	6 492,794	61 617,005	9,490	9,023
50	75	78 064	6 044,304	55 124,211	9,120	8,653
51	76	76 306	5 613,489	49 079,907	8,743	8,276
52	77	74 353	5 196,929	43 466,418	8,364	7,897
53	78	72 214	4 795,647	38 269,489	7,980	7,513
54	79	69 834	4 406,316	33 473,842	7,597	7,130
55	80	67 159	4 026,122	29 067,526	7,220	6,753
56	81	64 182	3 655,756	25 041,404	6,850	6,383
57	82	60 935	3 297,676	21 385,648	6,485	6,018
58	83	57 431	2 953,018	18 087,972	6,125	5,658
59	84	53 639	2 620,451	15 134,954	5,776	5,309
60	85	49 570	2 300,894	12 514,503	5,439	4,972
61	86	45 283	1 997,051	10 213,609	5,114	4,648
62	87	40 804	1 709,744	8 216,558	4,806	4,339
63	88	36 230	1 442,374	6 506,814	4,511	4,044
64	89	31 651	1 197,215	5 064,440	4,230	3,763
65	90	27 115	974,464	3 867,225	3,969	3,502
66	91	22 748	776,765	2 892,761	3,724	3,257
67	92	18 632	604,478	2 115,996	3,501	3,034
68	93	14 866	458,229	1 511,518	3,299	2,832
69	94	11 536	337,853	1 053,289	3,118	2,651
70	95	8 641	240,444	715,436	2,975	2,509
71	96	6 344	167,715	474,992	2,832	2,365
72	97	4 521	113,568	307,276	2,706	2,239
73	98	3 183	75,968	193,709	2,550	2,083
74	99	2 150	48,764	117,741	2,415	1,948
75	100	1 395	30,058	68,977	2,295	1,828

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	94 674,908	1 831 086,471	19,341	18,874
2	1	99 313	89 652,377	1 736 411,563	19,368	18,901
3	2	99 275	85 147,442	1 646 759,186	19,340	18,873
4	3	99 250	80 880,134	1 561 611,744	19,308	18,841
5	4	99 227	76 827,666	1 480 731,610	19,273	18,807
6	5	99 208	72 981,892	1 403 903,944	19,236	18,770
7	6	99 191	69 329,074	1 330 922,052	19,197	18,730
8	7	99 176	65 860,972	1 261 592,978	19,155	18,689
9	8	99 163	62 567,564	1 195 732,005	19,111	18,644
10	9	99 149	59 438,156	1 133 164,442	19,065	18,598
11	10	99 135	56 465,310	1 073 726,286	19,016	18,549
12	11	99 120	53 640,781	1 017 260,976	18,964	18,498
13	12	99 105	50 957,323	963 620,195	18,910	18,444
14	13	99 087	48 407,049	912 662,871	18,854	18,387
15	14	99 067	45 982,949	864 255,822	18,795	18,328
16	15	99 042	43 678,112	818 272,873	18,734	18,267
17	16	99 004	41 483,515	774 594,761	18,672	18,206
18	17	98 961	39 397,149	733 111,246	18,608	18,141
19	18	98 908	37 412,143	693 714,097	18,542	18,076
20	19	98 847	35 523,901	656 301,954	18,475	18,008
21	20	98 783	33 730,199	620 778,053	18,404	17,937
22	21	98 721	32 027,432	587 047,854	18,330	17,863
23	22	98 660	30 411,104	555 020,422	18,251	17,784
24	23	98 598	28 875,894	524 609,318	18,168	17,701
25	24	98 528	27 416,317	495 733,423	18,082	17,615
26	25	98 464	26 031,809	468 317,107	17,990	17,523
27	26	98 399	24 716,981	442 285,298	17,894	17,427
28	27	98 328	23 467,108	417 568,316	17,794	17,327
29	28	98 256	22 280,188	394 101,208	17,688	17,222
30	29	98 175	21 151,427	371 821,021	17,579	17,112
31	30	98 093	20 079,592	350 669,594	17,464	16,997
32	31	97 997	19 059,204	330 590,002	17,345	16,879
33	32	97 897	18 090,046	311 530,798	17,221	16,754
34	33	97 793	17 169,527	293 440,752	17,091	16,624
35	34	97 680	16 294,150	276 271,225	16,955	16,488
36	35	97 555	15 461,584	259 977,075	16,814	16,348
37	36	97 429	14 671,399	244 515,491	16,666	16,199
38	37	97 292	13 919,981	229 844,092	16,512	16,045
39	38	97 145	13 205,675	215 924,110	16,351	15,884
40	39	96 983	12 525,926	202 718,436	16,184	15,717
41	40	96 803	11 879,080	190 192,510	16,011	15,544
42	41	96 609	11 263,938	178 313,430	15,830	15,364
43	42	96 392	10 677,980	167 049,492	15,644	15,178
44	43	96 154	10 120,330	156 371,511	15,451	14,984
45	44	95 895	9 589,612	146 251,181	15,251	14,784
46	45	95 601	9 083,370	136 661,569	15,045	14,578
47	46	95 286	8 601,849	127 578,199	14,831	14,365
48	47	94 929	8 142,112	118 976,350	14,612	14,146
49	48	94 529	7 703,371	110 834,238	14,388	13,921
50	49	94 081	7 284,414	103 130,867	14,158	13,691
51	50	93 580	6 884,219	95 846,453	13,923	13,456
52	51	93 035	6 502,732	88 962,234	13,681	13,214
53	52	92 418	6 137,440	82 459,502	13,435	12,969
54	53	91 732	5 787,974	76 322,062	13,186	12,720
55	54	90 971	5 453,662	70 534,088	12,933	12,467
56	55	90 140	5 134,270	65 080,425	12,676	12,209
57	56	89 227	4 828,794	59 946,156	12,414	11,948
58	57	88 234	4 536,855	55 117,362	12,149	11,682
59	58	87 140	4 257,104	50 580,507	11,881	11,415
60	59	85 953	3 989,664	46 323,404	11,611	11,144
61	60	84 679	3 734,467	42 333,740	11,336	10,869
62	61	83 297	3 490,281	38 599,272	11,059	10,592
63	62	81 827	3 257,638	35 108,991	10,777	10,311
64	63	80 267	3 036,133	31 851,353	10,491	10,024
65	64	78 600	2 824,780	28 815,219	10,201	9,734
66	65	76 828	2 623,376	25 990,439	9,907	9,440
67	66	74 967	2 432,133	23 367,064	9,608	9,141
68	67	72 978	2 249,503	20 934,931	9,306	8,840
69	68	70 918	2 076,989	18 685,428	8,996	8,530
70	69	68 746	1 912,924	16 608,439	8,682	8,215
71	70	66 455	1 756,934	14 695,515	8,364	7,898
72	71	64 044	1 608,738	12 938,581	8,043	7,576
73	72	61 534	1 468,592	11 329,843	7,715	7,248
74	73	58 931	1 336,317	9 861,251	7,379	6,913
75	74	56 225	1 211,353	8 524,934	7,038	6,571
76	75	53 382	1 092,740	7 313,580	6,693	6,226
77	76	50 393	980,100	6 220,840	6,347	5,880
78	77	47 260	873,308	5 240,740	6,001	5,534
79	78	43 972	772,026	4 367,432	5,657	5,190
80	79	40 502	675,636	3 595,405	5,322	4,855
81	80	36 874	584,430	2 919,769	4,996	4,529
82	81	33 099	498,425	2 335,339	4,685	4,219
83	82	29 275	418,848	1 836,914	4,386	3,919
84	83	25 443	345,873	1 418,066	4,100	3,633
85	84	21 681	280,028	1 072,193	3,829	3,362
86	85	18 049	221,493	792,165	3,576	3,110
87	86	14 656	170,886	570,672	3,339	2,873
88	87	11 578	128,254	399,786	3,117	2,650
89	88	8 871	93,367	271,531	2,908	2,441
90	89	6 577	65,768	178,164	2,709	2,242
91	90	4 689	44,556	112,396	2,523	2,056
92	91	3 187	28,770	67,840	2,358	1,891
93	92	2 059	17,657	39,070	2,213	1,746
94	93	1 265	10,306	21,413	2,078	1,611
95	94	727	5,626	11,107	1,974	1,508
96	95	397	2,919	5,481	1,878	1,411
97	96	205	1,432	2,562	1,789	1,323
98	97	99	0,658	1,130	1,718	1,251
99	98	46	0,288	0,472	1,638	1,171
100	99	20	0,117	0,184	1,569	1,103

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	89 927,903	1 737 713,725	19,323	18,857
3	1	99 297	85 167,120	1 647 785,822	19,348	18,881
4	2	99 262	80 889,766	1 562 618,702	19,318	18,851
5	3	99 238	76 836,821	1 481 728,935	19,284	18,817
6	4	99 217	72 988,529	1 404 892,115	19,248	18,781
7	5	99 198	69 334,274	1 331 903,586	19,210	18,743
8	6	99 182	65 865,308	1 262 569,312	19,169	18,702
9	7	99 168	62 570,648	1 196 704,004	19,126	18,659
10	8	99 155	59 441,836	1 134 133,356	19,080	18,613
11	9	99 141	56 468,964	1 074 691,520	19,032	18,565
12	10	99 126	53 643,960	1 018 222,556	18,981	18,514
13	11	99 112	50 961,119	964 578,596	18,928	18,461
14	12	99 095	48 410,879	913 617,477	18,872	18,405
15	13	99 075	45 986,891	865 206,598	18,814	18,347
16	14	99 052	43 682,696	819 219,707	18,754	18,287
17	15	99 016	41 488,705	775 537,011	18,693	18,226
18	16	98 975	39 402,709	734 048,306	18,629	18,163
19	17	98 923	37 417,621	694 645,597	18,565	18,098
20	18	98 867	35 531,136	657 227,975	18,497	18,030
21	19	98 802	33 736,711	621 696,839	18,428	17,961
22	20	98 739	32 033,364	587 960,127	18,355	17,888
23	21	98 676	30 416,140	555 926,764	18,277	17,811
24	22	98 615	28 880,892	525 510,624	18,196	17,729
25	23	98 550	27 422,267	496 629,732	18,110	17,644
26	24	98 481	26 036,224	469 207,465	18,021	17,555
27	25	98 418	24 721,591	443 171,241	17,926	17,460
28	26	98 347	23 471,675	418 449,650	17,828	17,361
29	27	98 278	22 285,055	394 977,975	17,724	17,257
30	28	98 200	21 156,703	372 692,920	17,616	17,149
31	29	98 119	20 084,790	351 536,217	17,503	17,036
32	30	98 026	19 064,865	331 451,427	17,385	16,919
33	31	97 928	18 095,822	312 386,562	17,263	16,796
34	32	97 827	17 175,488	294 290,740	17,134	16,668
35	33	97 715	16 299,953	277 115,253	17,001	16,534
36	34	97 593	15 467,634	260 815,299	16,862	16,395
37	35	97 468	14 677,307	245 347,666	16,716	16,249
38	36	97 338	13 926,511	230 670,359	16,563	16,097
39	37	97 190	13 211,755	216 743,848	16,405	15,939
40	38	97 039	12 533,266	203 532,093	16,239	15,773
41	39	96 861	11 886,161	190 998,827	16,069	15,602
42	40	96 675	11 271,588	179 112,666	15,891	15,424
43	41	96 465	10 686,132	167 841,078	15,706	15,240
44	42	96 234	10 128,735	157 154,946	15,516	15,049
45	43	95 981	9 598,250	147 026,211	15,318	14,851
46	44	95 699	9 092,645	137 427,961	15,114	14,647
47	45	95 392	8 611,425	128 335,316	14,903	14,436
48	46	95 050	8 152,463	119 723,891	14,686	14,219
49	47	94 664	7 714,430	111 571,428	14,463	13,996
50	48	94 231	7 296,085	103 856,998	14,235	13,768
51	49	93 750	6 896,712	96 560,913	14,001	13,534
52	50	93 218	6 515,572	89 664,201	13,762	13,295
53	51	92 623	6 151,026	83 148,629	13,518	13,051
54	52	91 958	5 802,220	76 997,603	13,270	12,804
55	53	91 221	5 468,609	71 195,383	13,019	12,552
56	54	90 412	5 149,769	65 726,774	12,763	12,296
57	55	89 524	4 844,846	60 577,005	12,503	12,037
58	56	88 555	4 553,333	55 732,158	12,240	11,773
59	57	87 489	4 274,168	51 178,826	11,974	11,507
60	58	86 334	4 007,339	46 904,658	11,705	11,238
61	59	85 090	3 752,593	42 897,320	11,431	10,965
62	60	83 749	3 509,199	39 144,727	11,155	10,688
63	61	82 287	3 275,967	35 635,528	10,878	10,411
64	62	80 757	3 054,696	32 359,560	10,593	10,127
65	63	79 121	2 843,503	29 304,865	10,306	9,839
66	64	77 392	2 642,634	26 461,362	10,013	9,546
67	65	75 572	2 451,777	23 818,728	9,715	9,248
68	66	73 621	2 269,327	21 366,951	9,416	8,949
69	67	71 613	2 097,321	19 097,625	9,106	8,639
70	68	69 455	1 932,665	17 000,304	8,796	8,330
71	69	67 205	1 776,785	15 067,638	8,480	8,013
72	70	64 834	1 628,580	13 290,854	8,161	7,694
73	71	62 369	1 488,524	11 662,274	7,835	7,368
74	72	59 793	1 355,854	10 173,750	7,504	7,037
75	73	57 109	1 230,403	8 817,895	7,167	6,700
76	74	54 311	1 111,761	7 587,492	6,825	6,358
77	75	51 373	999,152	6 475,732	6,481	6,014
78	76	48 314	892,795	5 476,580	6,134	5,667
79	77	45 074	791,377	4 583,785	5,792	5,325
80	78	41 673	695,170	3 792,408	5,455	4,989
81	79	38 130	604,327	3 097,238	5,125	4,658
82	80	34 421	518,334	2 492,911	4,809	4,343
83	81	30 624	438,154	1 974,578	4,507	4,040
84	82	26 792	364,208	1 536,423	4,219	3,752
85	83	23 018	297,295	1 172,216	3,943	3,476
86	84	19 350	237,455	874,920	3,685	3,218
87	85	15 883	185,187	637,466	3,442	2,975
88	86	12 707	140,770	452,279	3,213	2,746
89	87	9 869	103,879	311,509	2,999	2,532
90	88	7 430	74,300	207,630	2,795	2,328
91	89	5 396	51,268	133,331	2,601	2,134
92	90	3 740	33,765	82,063	2,430	1,964
93	91	2 472	21,205	48,298	2,278	1,811
94	92	1 557	12,686	27,093	2,136	1,669
95	93	919	7,114	14,407	2,025	1,558
96	94	519	3,817	7,293	1,911	1,444
97	95	273	1,907	3,476	1,823	1,357
98	96	136	0,901	1,570	1,743	1,276
99	97	63	0,399	0,669	1,677	1,211
100	98	28	0,169	0,270	1,603	1,136

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	85 428,862	1 648 990,833	19,303	18,836
4	1	99 285	80 908,461	1 563 561,971	19,325	18,858
5	2	99 250	76 845,971	1 482 653,510	19,294	18,827
6	3	99 229	72 997,225	1 405 807,538	19,258	18,792
7	4	99 207	69 340,579	1 332 810,313	19,221	18,754
8	5	99 190	65 870,248	1 263 469,734	19,181	18,714
9	6	99 174	62 574,767	1 197 599,486	19,139	18,672
10	7	99 160	59 444,766	1 135 024,719	19,094	18,627
11	8	99 147	56 472,460	1 075 579,952	19,046	18,579
12	9	99 132	53 647,431	1 019 107,492	18,996	18,530
13	10	99 118	50 964,139	965 460,061	18,944	18,477
14	11	99 103	48 414,485	914 495,922	18,889	18,422
15	12	99 083	45 990,529	866 081,437	18,832	18,365
16	13	99 060	43 686,441	820 090,907	18,772	18,305
17	14	99 026	41 493,059	776 404,467	18,712	18,245
18	15	98 987	39 407,639	734 911,407	18,649	18,182
19	16	98 937	37 422,902	695 503,768	18,585	18,118
20	17	98 881	35 536,340	658 080,866	18,519	18,052
21	18	98 822	33 743,583	622 544,527	18,449	17,982
22	19	98 758	32 039,548	588 800,944	18,377	17,911
23	20	98 694	30 421,773	556 761,396	18,301	17,835
24	21	98 631	28 885,674	526 339,623	18,221	17,755
25	22	98 567	27 427,013	497 453,948	18,137	17,671
26	23	98 502	26 041,874	470 026,935	18,049	17,582
27	24	98 434	24 725,784	443 985,061	17,956	17,490
28	25	98 366	23 476,053	419 259,277	17,859	17,392
29	26	98 297	22 289,392	395 783,224	17,757	17,290
30	27	98 221	21 161,325	373 493,832	17,650	17,183
31	28	98 143	20 089,800	352 332,507	17,538	17,071
32	29	98 051	19 069,800	332 242,707	17,422	16,956
33	30	97 957	18 101,197	313 172,907	17,301	16,834
34	31	97 859	17 180,972	295 071,710	17,174	16,708
35	32	97 749	16 305,612	277 890,739	17,043	16,576
36	33	97 628	15 473,143	261 585,127	16,906	16,439
37	34	97 507	14 683,050	246 111,984	16,762	16,295
38	35	97 377	13 932,118	231 428,934	16,611	16,144
39	36	97 236	13 217,953	217 496,816	16,455	15,988
40	37	97 084	12 539,037	204 278,864	16,291	15,825
41	38	96 918	11 893,126	191 739,827	16,122	15,655
42	39	96 732	11 278,306	179 846,701	15,946	15,479
43	40	96 531	10 693,390	168 568,394	15,764	15,297
44	41	96 307	10 136,468	157 875,004	15,575	15,108
45	42	96 061	9 606,221	147 738,537	15,379	14,913
46	43	95 785	9 100,835	138 132,315	15,178	14,711
47	44	95 490	8 620,218	129 031,480	14,968	14,502
48	45	95 155	8 161,538	120 411,262	14,754	14,287
49	46	94 785	7 724,238	112 249,724	14,532	14,065
50	47	94 367	7 306,559	104 525,486	14,306	13,839
51	48	93 900	6 907,762	97 218,927	14,074	13,607
52	49	93 388	6 527,396	90 311,166	13,836	13,369
53	50	92 806	6 163,172	83 783,770	13,594	13,127
54	51	92 161	5 815,064	77 620,598	13,348	12,881
55	52	91 445	5 482,069	71 805,533	13,098	12,631
56	53	90 660	5 163,882	66 323,464	12,844	12,377
57	54	89 794	4 859,472	61 159,582	12,586	12,119
58	55	88 849	4 568,470	56 300,110	12,324	11,857
59	56	87 807	4 289,691	51 731,641	12,060	11,593
60	57	86 680	4 023,401	47 441,949	11,792	11,325
61	58	85 467	3 769,217	43 418,548	11,519	11,052
62	59	84 155	3 526,231	39 649,331	11,244	10,777
63	60	82 733	3 293,724	36 123,100	10,967	10,500
64	61	81 212	3 071,883	32 829,376	10,687	10,220
65	62	79 604	2 860,887	29 757,493	10,401	9,935
66	63	77 905	2 660,149	26 896,606	10,111	9,644
67	64	76 127	2 469,775	24 236,456	9,813	9,346
68	65	74 215	2 287,656	21 766,682	9,515	9,048
69	66	72 244	2 115,803	19 479,026	9,206	8,740
70	67	70 135	1 951,585	17 363,222	8,897	8,430
71	68	67 899	1 795,121	15 411,638	8,585	8,118
72	69	65 566	1 646,980	13 616,516	8,268	7,801
73	70	63 138	1 506,883	11 969,536	7,943	7,476
74	71	60 604	1 374,256	10 462,652	7,613	7,147
75	72	57 944	1 248,392	9 088,396	7,280	6,813
76	73	55 166	1 129,244	7 840,005	6,943	6,476
77	74	52 267	1 016,543	6 710,760	6,602	6,135
78	75	49 253	910,149	5 694,217	6,256	5,790
79	76	46 080	809,035	4 784,068	5,913	5,447
80	77	42 718	712,595	3 975,033	5,578	5,111
81	78	39 232	621,799	3 262,439	5,247	4,780
82	79	35 593	535,980	2 640,639	4,927	4,460
83	80	31 847	455,655	2 104,660	4,619	4,152
84	81	28 027	380,996	1 649,004	4,328	3,861
85	82	24 238	313,055	1 268,009	4,050	3,584
86	83	20 543	252,097	954,954	3,788	3,321
87	84	17 028	198,532	702,857	3,540	3,073
88	85	13 771	152,550	504,325	3,306	2,839
89	86	10 833	114,016	351,775	3,085	2,619
90	87	8 266	82,664	237,759	2,876	2,409
91	88	6 096	57,918	155,095	2,678	2,211
92	89	4 304	38,851	97,177	2,501	2,034
93	90	2 902	24,887	58,326	2,344	1,877
94	91	1 869	15,235	33,438	2,195	1,728
95	92	1 131	8,756	18,203	2,079	1,612
96	93	656	4,827	9,447	1,957	1,491
97	94	357	2,493	4,621	1,854	1,387
98	95	181	1,199	2,128	1,774	1,308
99	96	87	0,546	0,929	1,700	1,233
100	97	39	0,233	0,382	1,640	1,173

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	81 157,115	1 564 676,596	19,280	18,813
5	1	99 273	76 863,731	1 483 519,481	19,301	18,834
6	2	99 241	73 005,919	1 406 655,750	19,268	18,801
7	3	99 219	69 348,841	1 333 649,831	19,231	18,764
8	4	99 199	65 876,238	1 264 300,990	19,192	18,725
9	5	99 182	62 579,460	1 198 424,752	19,150	18,684
10	6	99 166	59 448,680	1 135 845,292	19,106	18,640
11	7	99 152	56 475,244	1 076 396,612	19,060	18,593
12	8	99 138	53 650,753	1 019 921,368	19,010	18,544
13	9	99 124	50 967,437	966 270,615	18,959	18,492
14	10	99 108	48 417,354	915 303,178	18,904	18,438
15	11	99 091	45 993,955	866 885,824	18,848	18,381
16	12	99 068	43 689,897	820 891,869	18,789	18,322
17	13	99 035	41 496,616	777 201,972	18,729	18,262
18	14	98 997	39 411,775	735 705,355	18,667	18,200
19	15	98 949	37 427,584	696 293,580	18,604	18,137
20	16	98 895	35 541,355	658 865,996	18,538	18,071
21	17	98 837	33 748,524	623 324,642	18,470	18,003
22	18	98 778	32 046,074	589 576,117	18,398	17,931
23	19	98 714	30 427,646	557 530,043	18,323	17,856
24	20	98 649	28 891,024	527 102,397	18,245	17,778
25	21	98 583	27 431,554	498 211,373	18,162	17,695
26	22	98 519	26 046,382	470 779,818	18,075	17,608
27	23	98 456	24 731,150	444 733,437	17,983	17,516
28	24	98 382	23 480,034	420 002,287	17,888	17,421
29	25	98 315	22 293,549	396 522,253	17,786	17,320
30	26	98 240	21 165,444	374 228,704	17,681	17,214
31	27	98 165	20 094,189	353 063,260	17,570	17,104
32	28	98 076	19 074,557	332 969,071	17,456	16,989
33	29	97 983	18 105,882	313 894,514	17,337	16,870
34	30	97 888	17 186,075	295 788,632	17,211	16,744
35	31	97 780	16 310,818	278 602,557	17,081	16,614
36	32	97 662	15 478,515	262 291,739	16,946	16,479
37	33	97 541	14 688,279	246 813,224	16,803	16,337
38	34	97 415	13 937,569	232 124,945	16,655	16,188
39	35	97 275	13 223,275	218 187,375	16,500	16,033
40	36	97 130	12 544,918	204 964,101	16,338	15,872
41	37	96 962	11 898,602	192 419,182	16,172	15,705
42	38	96 789	11 284,916	180 520,580	15,997	15,530
43	39	96 588	10 699,764	169 235,665	15,817	15,350
44	40	96 373	10 143,352	158 535,901	15,630	15,163
45	41	96 134	9 613,555	148 392,549	15,436	14,969
46	42	95 865	9 108,393	138 778,994	15,236	14,770
47	43	95 576	8 627,982	129 670,600	15,029	14,562
48	44	95 252	8 169,872	121 042,618	14,816	14,349
49	45	94 890	7 732,836	112 872,746	14,597	14,130
50	46	94 487	7 315,848	105 139,910	14,372	13,905
51	47	94 035	6 917,679	97 824,061	14,141	13,674
52	48	93 537	6 537,854	90 906,383	13,905	13,438
53	49	92 974	6 174,356	84 368,529	13,664	13,198
54	50	92 343	5 826,547	78 194,173	13,420	12,954
55	51	91 647	5 494,205	72 367,626	13,172	12,705
56	52	90 883	5 176,593	66 873,422	12,918	12,452
57	53	90 040	4 872,790	61 696,829	12,662	12,195
58	54	89 117	4 582,261	56 824,040	12,401	11,934
59	55	88 099	4 303,952	52 241,779	12,138	11,671
60	56	86 995	4 038,014	47 937,827	11,872	11,405
61	57	85 810	3 784,325	43 899,813	11,600	11,134
62	58	84 528	3 541,853	40 115,488	11,326	10,859
63	59	83 135	3 309,710	36 573,635	11,050	10,584
64	60	81 652	3 088,533	33 263,925	10,770	10,303
65	61	80 052	2 876,985	30 175,392	10,489	10,022
66	62	78 381	2 676,413	27 298,407	10,200	9,733
67	63	76 632	2 486,145	24 621,994	9,904	9,437
68	64	74 760	2 304,449	22 135,850	9,606	9,139
69	65	72 827	2 132,893	19 831,401	9,298	8,831
70	66	70 753	1 968,783	17 698,508	8,990	8,523
71	67	68 564	1 812,694	15 729,725	8,678	8,211
72	68	66 243	1 663,978	13 917,031	8,364	7,897
73	69	63 852	1 523,909	12 253,053	8,041	7,574
74	70	61 352	1 391,206	10 729,145	7,712	7,245
75	71	58 730	1 265,335	9 337,939	7,380	6,913
76	72	55 972	1 145,754	8 072,604	7,046	6,579
77	73	53 089	1 032,529	6 926,850	6,709	6,242
78	74	50 111	925,991	5 894,320	6,365	5,899
79	75	46 976	824,761	4 968,329	6,024	5,557
80	76	43 671	728,495	4 143,568	5,688	5,221
81	77	40 215	637,385	3 415,073	5,358	4,891
82	78	36 622	551,476	2 777,689	5,037	4,570
83	79	32 931	471,167	2 226,212	4,725	4,258
84	80	29 146	396,213	1 755,045	4,430	3,963
85	81	25 355	327,485	1 358,831	4,149	3,682
86	82	21 632	265,461	1 031,346	3,885	3,418
87	83	18 078	210,774	765,886	3,634	3,167
88	84	14 763	163,543	555,112	3,394	2,927
89	85	11 739	123,557	391,568	3,169	2,702
90	86	9 073	90,731	268,011	2,954	2,487
91	87	6 782	64,439	177,280	2,751	2,284
92	88	4 862	43,891	112,842	2,571	2,104
93	89	3 339	28,636	68,951	2,408	1,941
94	90	2 194	17,880	40,315	2,255	1,788
95	91	1 358	10,516	22,434	2,133	1,667
96	92	808	5,941	11,918	2,006	1,539
97	93	451	3,152	5,978	1,896	1,430
98	94	236	1,568	2,825	1,802	1,335
99	95	115	0,727	1,258	1,729	1,262
100	96	53	0,319	0,530	1,660	1,193

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	77 099,955	1 484 550,171	19,255	18,788
6	1	99 264	73 022,791	1 407 450,216	19,274	18,807
7	2	99 231	69 357,100	1 334 427,425	19,240	18,773
8	3	99 210	65 884,087	1 265 070,325	19,201	18,735
9	4	99 191	62 585,151	1 199 186,237	19,161	18,694
10	5	99 174	59 453,138	1 136 601,086	19,118	18,651
11	6	99 158	56 478,962	1 077 147,948	19,072	18,605
12	7	99 143	53 653,398	1 020 668,986	19,023	18,557
13	8	99 130	50 970,593	967 015,588	18,972	18,505
14	9	99 115	48 420,487	916 044,995	18,919	18,452
15	10	99 096	45 996,681	867 624,508	18,863	18,396
16	11	99 076	43 693,152	821 627,827	18,804	18,338
17	12	99 043	41 499,900	777 934,676	18,745	18,279
18	13	99 006	39 415,154	736 434,776	18,684	18,217
19	14	98 959	37 431,512	697 019,622	18,621	18,154
20	15	98 908	35 545,801	659 588,110	18,556	18,089
21	16	98 851	33 753,287	624 042,309	18,488	18,022
22	17	98 793	32 050,767	590 289,022	18,417	17,951
23	18	98 734	30 433,844	558 238,255	18,343	17,876
24	19	98 668	28 896,602	527 804,411	18,265	17,798
25	20	98 601	27 436,635	498 907,809	18,184	17,717
26	21	98 536	26 050,695	471 471,175	18,098	17,631
27	22	98 473	24 735,430	445 420,480	18,007	17,541
28	23	98 404	23 485,130	420 685,050	17,913	17,446
29	24	98 332	22 297,330	397 199,920	17,814	17,347
30	25	98 259	21 169,391	374 902,590	17,710	17,243
31	26	98 184	20 098,100	353 733,199	17,600	17,134
32	27	98 097	19 078,724	333 635,099	17,487	17,020
33	28	98 007	18 110,399	314 556,375	17,369	16,902
34	29	97 913	17 190,523	296 445,976	17,245	16,778
35	30	97 809	16 315,663	279 255,453	17,116	16,649
36	31	97 693	15 483,457	262 939,790	16,982	16,515
37	32	97 575	14 693,379	247 456,333	16,841	16,375
38	33	97 450	13 942,534	232 762,954	16,694	16,228
39	34	97 313	13 228,448	218 820,421	16,542	16,075
40	35	97 169	12 549,970	205 591,972	16,382	15,915
41	36	97 008	11 904,183	193 042,003	16,216	15,750
42	37	96 834	11 290,111	181 137,819	16,044	15,577
43	38	96 645	10 706,034	169 847,708	15,865	15,398
44	39	96 430	10 149,398	159 141,674	15,680	15,213
45	40	96 200	9 620,084	148 992,276	15,488	15,021
46	41	95 938	9 115,347	139 372,191	15,290	14,823
47	42	95 655	8 635,148	130 256,845	15,084	14,618
48	43	95 338	8 177,231	121 621,697	14,873	14,406
49	44	94 987	7 740,732	113 444,466	14,656	14,189
50	45	94 592	7 323,992	105 703,734	14,433	13,966
51	46	94 154	6 926,473	98 379,741	14,203	13,737
52	47	93 672	6 547,239	91 453,268	13,968	13,501
53	48	93 123	6 184,248	84 906,029	13,729	13,263
54	49	92 511	5 837,120	78 721,780	13,486	13,020
55	50	91 828	5 505,053	72 884,660	13,240	12,773
56	51	91 084	5 188,052	67 379,607	12,987	12,521
57	52	90 262	4 884,783	62 191,555	12,732	12,265
58	53	89 362	4 594,819	57 306,772	12,472	12,005
59	54	88 365	4 316,945	52 711,953	12,210	11,744
60	55	87 284	4 051,438	48 395,008	11,945	11,478
61	56	86 121	3 798,070	44 343,570	11,675	11,208
62	57	84 867	3 556,049	40 545,500	11,402	10,935
63	58	83 503	3 324,372	36 989,451	11,127	10,660
64	59	82 048	3 103,523	33 665,079	10,847	10,381
65	60	80 486	2 892,578	30 561,555	10,566	10,099
66	61	78 822	2 691,472	27 668,977	10,280	9,813
67	62	77 100	2 501,344	24 977,505	9,986	9,519
68	63	75 256	2 319,723	22 476,161	9,689	9,222
69	64	73 362	2 148,550	20 156,437	9,381	8,915
70	65	71 325	1 984,685	18 007,888	9,073	8,607
71	66	69 168	1 828,669	16 023,203	8,762	8,295
72	67	66 891	1 680,267	14 194,534	8,448	7,981
73	68	64 511	1 539,636	12 514,268	8,128	7,661
74	69	62 045	1 406,924	10 974,632	7,800	7,334
75	70	59 455	1 280,941	9 567,708	7,469	7,002
76	71	56 732	1 161,304	8 286,766	7,136	6,669
77	72	53 865	1 047,625	7 125,462	6,802	6,335
78	73	50 899	940,553	6 077,837	6,462	5,995
79	74	47 794	839,117	5 137,284	6,122	5,655
80	75	44 520	742,655	4 298,166	5,788	5,321
81	76	41 113	651,607	3 555,511	5,457	4,990
82	77	37 540	565,299	2 903,904	5,137	4,670
83	78	33 884	484,790	2 338,605	4,824	4,357
84	79	30 139	409,702	1 853,815	4,525	4,058
85	80	26 368	340,565	1 444,113	4,240	3,774
86	81	22 629	277,697	1 103,548	3,974	3,507
87	82	19 036	221,947	825,851	3,721	3,254
88	83	15 673	173,628	603,904	3,478	3,011
89	84	12 585	132,461	430,276	3,248	2,782
90	85	9 832	98,324	297,814	3,029	2,562
91	86	7 444	70,727	199,491	2,821	2,354
92	87	5 409	48,832	128,764	2,637	2,170
93	88	3 772	32,351	79,932	2,471	2,004
94	89	2 525	20,574	47,581	2,313	1,846
95	90	1 594	12,342	27,007	2,188	1,721
96	91	970	7,135	14,665	2,056	1,589
97	92	555	3,880	7,531	1,941	1,474
98	93	299	1,983	3,651	1,841	1,375
99	94	151	0,951	1,668	1,754	1,287
100	95	71	0,425	0,717	1,687	1,220

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	73 247,211	1 408 403,091	19,228	18,761
7	1	99 254	69 373,129	1 335 155,881	19,246	18,779
8	2	99 222	65 891,934	1 265 782,751	19,210	18,743
9	3	99 202	62 592,608	1 199 890,817	19,170	18,703
10	4	99 183	59 458,545	1 137 298,209	19,128	18,661
11	5	99 166	56 483,198	1 077 839,664	19,082	18,616
12	6	99 150	53 656,930	1 021 356,466	19,035	18,568
13	7	99 135	50 973,105	967 699,537	18,985	18,518
14	8	99 121	48 423,485	916 726,431	18,931	18,465
15	9	99 103	45 999,657	868 302,946	18,876	18,409
16	10	99 082	43 695,741	822 303,289	18,819	18,352
17	11	99 050	41 502,991	778 607,548	18,760	18,293
18	12	99 014	39 418,272	737 104,557	18,700	18,233
19	13	98 968	37 434,721	697 686,285	18,637	18,171
20	14	98 918	35 549,532	660 251,564	18,573	18,106
21	15	98 863	33 757,510	624 702,032	18,506	18,039
22	16	98 807	32 055,290	590 944,522	18,435	17,968
23	17	98 748	30 438,301	558 889,232	18,361	17,895
24	18	98 688	28 902,488	528 450,931	18,284	17,817
25	19	98 621	27 441,932	499 548,444	18,204	17,737
26	20	98 554	26 055,519	472 106,512	18,119	17,652
27	21	98 489	24 739,526	446 050,993	18,030	17,563
28	22	98 421	23 489,195	421 311,467	17,936	17,470
29	23	98 353	22 302,169	397 822,272	17,838	17,371
30	24	98 275	21 172,981	375 520,103	17,736	17,269
31	25	98 202	20 101,848	354 347,122	17,628	17,161
32	26	98 116	19 082,437	334 245,274	17,516	17,049
33	27	98 028	18 114,356	315 162,836	17,399	16,932
34	28	97 937	17 194,812	297 048,481	17,275	16,809
35	29	97 834	16 319,886	279 853,669	17,148	16,681
36	30	97 722	15 488,056	263 533,783	17,015	16,548
37	31	97 606	14 698,070	248 045,727	16,876	16,409
38	32	97 484	13 947,374	233 347,657	16,731	16,264
39	33	97 348	13 233,160	219 400,283	16,580	16,113
40	34	97 207	12 554,880	206 167,123	16,421	15,954
41	35	97 047	11 908,977	193 612,243	16,258	15,791
42	36	96 879	11 295,407	181 703,266	16,086	15,620
43	37	96 689	10 710,963	170 407,859	15,910	15,443
44	38	96 487	10 155,346	159 696,896	15,725	15,259
45	39	96 257	9 625,819	149 541,550	15,535	15,069
46	40	96 003	9 121,538	139 915,732	15,339	14,872
47	41	95 728	8 641,740	130 794,194	15,135	14,668
48	42	95 417	8 184,022	122 152,454	14,926	14,459
49	43	95 073	7 747,705	113 968,432	14,710	14,243
50	44	94 688	7 331,471	106 220,727	14,488	14,022
51	45	94 259	6 934,184	98 889,256	14,261	13,794
52	46	93 791	6 555,563	91 955,073	14,027	13,560
53	47	93 257	6 193,127	85 399,509	13,789	13,323
54	48	92 659	5 846,472	79 206,383	13,548	13,081
55	49	91 995	5 515,043	73 359,911	13,302	12,835
56	50	91 264	5 198,296	67 844,867	13,051	12,585
57	51	90 462	4 895,597	62 646,571	12,797	12,330
58	52	89 581	4 606,128	57 750,975	12,538	12,071
59	53	88 607	4 328,776	53 144,846	12,277	11,810
60	54	87 548	4 063,668	48 816,071	12,013	11,546
61	55	86 408	3 810,696	44 752,402	11,744	11,277
62	56	85 175	3 568,965	40 941,706	11,472	11,005
63	57	83 838	3 337,697	37 372,741	11,197	10,730
64	58	82 412	3 117,272	34 035,044	10,918	10,451
65	59	80 877	2 906,617	30 917,772	10,637	10,170
66	60	79 249	2 706,060	28 011,154	10,351	9,884
67	61	77 534	2 515,418	25 305,094	10,060	9,593
68	62	75 716	2 333,905	22 789,676	9,765	9,298
69	63	73 848	2 162,791	20 455,770	9,458	8,991
70	64	71 848	1 999,254	18 292,980	9,150	8,683
71	65	69 727	1 843,438	16 293,726	8,839	8,372
72	66	67 481	1 695,074	14 450,287	8,525	8,058
73	67	65 142	1 554,708	12 755,213	8,204	7,737
74	68	62 685	1 421,444	11 200,506	7,880	7,413
75	69	60 127	1 295,414	9 779,062	7,549	7,082
76	70	57 431	1 175,628	8 483,648	7,216	6,749
77	71	54 596	1 061,844	7 308,020	6,882	6,416
78	72	51 643	954,304	6 246,177	6,545	6,078
79	73	48 545	852,313	5 291,872	6,209	5,742
80	74	45 295	755,582	4 439,559	5,876	5,409
81	75	41 912	664,273	3 683,977	5,546	5,079
82	76	38 377	577,913	3 019,704	5,225	4,758
83	77	34 733	496,941	2 441,791	4,914	4,447
84	78	31 010	421,548	1 944,850	4,614	4,147
85	79	27 266	352,160	1 523,302	4,326	3,859
86	80	23 533	288,788	1 171,143	4,055	3,589
87	81	19 913	232,178	882,354	3,800	3,334
88	82	16 504	182,832	650,177	3,556	3,089
89	83	13 361	140,629	467,344	3,323	2,856
90	84	10 541	105,410	326,715	3,099	2,633
91	85	8 067	76,645	221,306	2,887	2,421
92	86	5 937	53,597	144,660	2,699	2,232
93	87	4 196	35,993	91,063	2,530	2,063
94	88	2 852	23,242	55,070	2,369	1,903
95	89	1 834	14,201	31,828	2,241	1,774
96	90	1 138	8,373	17,627	2,105	1,638
97	91	667	4,660	9,253	1,986	1,519
98	92	367	2,440	4,594	1,882	1,416
99	93	191	1,203	2,153	1,791	1,324
100	94	93	0,556	0,951	1,710	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	69 586,332	1 336 036,719	19,200	18,733
8	1	99 245	65 907,162	1 266 450,387	19,216	18,749
9	2	99 214	62 600,063	1 200 543,224	19,178	18,711
10	3	99 194	59 465,629	1 137 943,162	19,136	18,669
11	4	99 175	56 488,335	1 078 477,532	19,092	18,625
12	5	99 157	53 660,954	1 021 989,198	19,045	18,579
13	6	99 142	50 976,461	968 328,244	18,996	18,529
14	7	99 126	48 425,872	917 351,783	18,943	18,477
15	8	99 109	46 002,505	868 925,910	18,889	18,422
16	9	99 088	43 698,569	822 923,405	18,832	18,365
17	10	99 056	41 505,450	779 224,837	18,774	18,307
18	11	99 021	39 421,208	737 719,386	18,714	18,247
19	12	98 976	37 437,683	698 298,178	18,652	18,185
20	13	98 927	35 552,579	660 860,495	18,588	18,121
21	14	98 874	33 761,053	625 307,916	18,522	18,055
22	15	98 819	32 059,300	591 546,863	18,452	17,985
23	16	98 762	30 442,596	559 487,562	18,378	17,912
24	17	98 703	28 906,720	529 044,966	18,302	17,835
25	18	98 641	27 447,521	500 138,246	18,222	17,755
26	19	98 573	26 060,550	472 690,725	18,138	17,671
27	20	98 507	24 744,108	446 630,175	18,050	17,583
28	21	98 437	23 493,084	421 886,067	17,958	17,491
29	22	98 370	22 306,029	398 392,983	17,860	17,394
30	23	98 297	21 177,576	376 086,954	17,759	17,292
31	24	98 219	20 105,257	354 909,377	17,653	17,186
32	25	98 135	19 085,996	334 804,120	17,542	17,075
33	26	98 048	18 117,881	315 718,124	17,426	16,959
34	27	97 959	17 198,568	297 600,244	17,304	16,837
35	28	97 859	16 323,957	280 401,675	17,177	16,711
36	29	97 747	15 492,065	264 077,718	17,046	16,579
37	30	97 635	14 702,436	248 585,653	16,908	16,441
38	31	97 515	13 951,827	233 883,217	16,764	16,297
39	32	97 381	13 237,754	219 931,390	16,614	16,147
40	33	97 241	12 559,352	206 693,636	16,457	15,991
41	34	97 085	11 913,636	194 134,284	16,295	15,828
42	35	96 918	11 299,955	182 220,648	16,126	15,659
43	36	96 735	10 715,987	170 920,692	15,950	15,483
44	37	96 531	10 160,021	160 204,705	15,768	15,301
45	38	96 313	9 631,459	150 044,684	15,579	15,112
46	39	96 060	9 126,975	140 413,224	15,384	14,918
47	40	95 793	8 647,609	131 286,250	15,182	14,715
48	41	95 490	8 190,270	122 638,640	14,974	14,507
49	42	95 152	7 754,139	114 448,370	14,760	14,293
50	43	94 774	7 338,074	106 694,231	14,540	14,073
51	44	94 355	6 941,264	99 356,157	14,314	13,847
52	45	93 895	6 562,861	92 414,892	14,081	13,615
53	46	93 376	6 201,000	85 852,032	13,845	13,378
54	47	92 792	5 854,865	79 651,031	13,604	13,137
55	48	92 142	5 523,879	73 796,166	13,359	12,893
56	49	91 429	5 207,729	68 272,287	13,110	12,643
57	50	90 640	4 905,263	63 064,557	12,857	12,390
58	51	89 780	4 616,325	58 159,294	12,599	12,132
59	52	88 825	4 339,430	53 542,969	12,339	11,872
60	53	87 788	4 074,805	49 203,539	12,075	11,608
61	54	86 669	3 822,199	45 128,734	11,807	11,340
62	55	85 458	3 580,830	41 306,534	11,535	11,069
63	56	84 142	3 349,820	37 725,704	11,262	10,795
64	57	82 742	3 129,767	34 375,885	10,984	10,517
65	58	81 235	2 919,494	31 246,117	10,703	10,236
66	59	79 634	2 719,194	28 326,623	10,417	9,950
67	60	77 954	2 529,053	25 607,429	10,125	9,659
68	61	76 142	2 347,037	23 078,377	9,833	9,366
69	62	74 300	2 176,013	20 731,339	9,527	9,060
70	63	72 324	2 012,505	18 555,326	9,220	8,753
71	64	70 238	1 856,971	16 542,821	8,908	8,442
72	65	68 026	1 708,765	14 685,850	8,594	8,128
73	66	65 716	1 568,408	12 977,085	8,274	7,807
74	67	63 299	1 435,359	11 408,677	7,948	7,482
75	68	60 747	1 308,783	9 973,318	7,620	7,154
76	69	58 080	1 188,910	8 664,535	7,288	6,821
77	70	55 270	1 074,940	7 475,625	6,954	6,488
78	71	52 344	967,256	6 400,685	6,617	6,151
79	72	49 255	864,774	5 433,429	6,283	5,816
80	73	46 007	767,465	4 568,654	5,953	5,486
81	74	42 641	675,835	3 801,189	5,624	5,158
82	75	39 123	589,146	3 125,354	5,305	4,838
83	76	35 508	508,030	2 536,208	4,992	4,525
84	77	31 787	432,114	2 028,179	4,694	4,227
85	78	28 054	362,342	1 596,065	4,405	3,938
86	79	24 334	298,620	1 233,724	4,131	3,665
87	80	20 709	241,451	935,104	3,873	3,406
88	81	17 265	191,260	693,652	3,627	3,160
89	82	14 069	148,084	502,393	3,393	2,926
90	83	11 191	111,909	354,309	3,166	2,699
91	84	8 648	82,169	242,399	2,950	2,483
92	85	6 434	58,083	160,230	2,759	2,292
93	86	4 606	39,505	102,148	2,586	2,119
94	87	3 173	25,859	62,642	2,422	1,956
95	88	2 072	16,043	36,783	2,293	1,826
96	89	1 310	9,635	20,740	2,153	1,686
97	90	782	5,469	11,105	2,031	1,564
98	91	441	2,931	5,637	1,923	1,457
99	92	235	1,480	2,706	1,828	1,361
100	93	117	0,703	1,226	1,744	1,277

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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7						
8	0	99 550	66 109,713	1 267 264,624	19,169	18,702
9	1	99 237	62 614,530	1 201 154,911	19,183	18,717
10	2	99 206	59 472,711	1 138 540,381	19,144	18,677
11	3	99 187	56 495,065	1 079 067,669	19,100	18,633
12	4	99 166	53 665,834	1 022 572,604	19,054	18,588
13	5	99 149	50 980,284	968 906,770	19,006	18,539
14	6	99 132	48 429,060	917 926,486	18,954	18,487
15	7	99 114	46 004,773	869 497,426	18,900	18,433
16	8	99 094	43 701,274	823 492,653	18,844	18,377
17	9	99 062	41 508,136	779 791,379	18,786	18,320
18	10	99 027	39 423,544	738 283,242	18,727	18,260
19	11	98 983	37 440,472	698 859,698	18,666	18,199
20	12	98 934	35 555,392	661 419,227	18,603	18,136
21	13	98 882	33 763,947	625 863,834	18,536	18,070
22	14	98 829	32 062,665	592 099,887	18,467	18,000
23	15	98 774	30 446,405	560 037,222	18,394	17,927
24	16	98 717	28 910,799	529 590,817	18,318	17,851
25	17	98 655	27 451,541	500 680,017	18,239	17,772
26	18	98 593	26 065,858	473 228,477	18,155	17,688
27	19	98 526	24 748,885	447 162,619	18,068	17,601
28	20	98 455	23 497,435	422 413,734	17,977	17,510
29	21	98 386	22 309,723	398 916,299	17,881	17,414
30	22	98 314	21 181,242	376 606,576	17,780	17,313
31	23	98 240	20 109,621	355 425,334	17,674	17,208
32	24	98 151	19 089,233	335 315,714	17,566	17,099
33	25	98 066	18 121,260	316 226,481	17,451	16,984
34	26	97 978	17 201,915	298 105,221	17,330	16,863
35	27	97 880	16 327,524	280 903,306	17,204	16,737
36	28	97 772	15 495,930	264 575,782	17,074	16,607
37	29	97 661	14 706,241	249 079,853	16,937	16,470
38	30	97 544	13 955,971	234 373,611	16,794	16,327
39	31	97 413	13 241,981	220 417,640	16,645	16,179
40	32	97 275	12 563,712	207 175,659	16,490	16,023
41	33	97 119	11 917,880	194 611,947	16,329	15,863
42	34	96 956	11 304,377	182 694,067	16,161	15,695
43	35	96 774	10 720,302	171 389,691	15,987	15,521
44	36	96 576	10 164,787	160 669,389	15,806	15,340
45	37	96 358	9 635,894	150 504,601	15,619	15,152
46	38	96 117	9 132,323	140 868,707	15,425	14,958
47	39	95 850	8 652,764	131 736,384	15,225	14,758
48	40	95 555	8 195,833	123 083,620	15,018	14,551
49	41	95 224	7 760,059	114 887,788	14,805	14,338
50	42	94 852	7 344,169	107 127,729	14,587	14,120
51	43	94 440	6 947,516	99 783,560	14,362	13,896
52	44	93 991	6 569,562	92 836,044	14,131	13,664
53	45	93 480	6 207,903	86 266,482	13,896	13,429
54	46	92 910	5 862,309	80 058,579	13,656	13,190
55	47	92 275	5 531,809	74 196,270	13,413	12,946
56	48	91 576	5 216,073	68 664,460	13,164	12,697
57	49	90 805	4 914,165	63 448,387	12,911	12,445
58	50	89 957	4 625,440	58 534,223	12,655	12,188
59	51	89 022	4 349,036	53 908,782	12,396	11,929
60	52	88 004	4 084,835	49 559,746	12,133	11,666
61	53	86 906	3 832,675	45 474,911	11,865	11,398
62	54	85 716	3 591,639	41 642,236	11,594	11,127
63	55	84 422	3 360,956	38 050,597	11,321	10,855
64	56	83 043	3 141,135	34 689,641	11,044	10,577
65	57	81 561	2 931,196	31 548,507	10,763	10,296
66	58	79 987	2 731,240	28 617,310	10,478	10,011
67	59	78 332	2 541,327	25 886,070	10,186	9,719
68	60	76 555	2 359,759	23 344,743	9,893	9,426
69	61	74 718	2 188,257	20 984,984	9,590	9,123
70	62	72 766	2 024,809	18 796,727	9,283	8,816
71	63	70 704	1 869,279	16 771,918	8,972	8,506
72	64	68 525	1 721,309	14 902,639	8,658	8,191
73	65	66 247	1 581,076	13 181,331	8,337	7,870
74	66	63 857	1 448,008	11 600,254	8,011	7,544
75	67	61 342	1 321,595	10 152,246	7,682	7,215
76	68	58 680	1 201,180	8 830,651	7,352	6,885
77	69	55 894	1 087,085	7 629,471	7,018	6,551
78	70	52 989	979,186	6 542,386	6,681	6,215
79	71	49 923	876,511	5 563,200	6,347	5,880
80	72	46 680	778,685	4 686,689	6,019	5,552
81	73	43 312	686,463	3 908,004	5,693	5,226
82	74	39 804	599,401	3 221,540	5,375	4,908
83	75	36 198	517,905	2 622,140	5,063	4,596
84	76	32 497	441,755	2 104,235	4,763	4,297
85	77	28 757	371,424	1 662,479	4,476	4,009
86	78	25 038	307,254	1 291,056	4,202	3,735
87	79	21 414	249,672	983,802	3,940	3,474
88	80	17 955	198,899	734,130	3,691	3,224
89	81	14 718	154,910	535,232	3,455	2,988
90	82	11 784	117,842	380,322	3,227	2,761
91	83	9 181	87,236	262,480	3,009	2,542
92	84	6 898	62,268	175,245	2,814	2,348
93	85	4 991	42,811	112,976	2,639	2,172
94	86	3 483	28,382	70,165	2,472	2,005
95	87	2 305	17,849	41,783	2,341	1,874
96	88	1 480	10,885	23,933	2,199	1,732
97	89	900	6,292	13,049	2,074	1,607
98	90	518	3,440	6,756	1,964	1,497
99	91	282	1,778	3,317	1,866	1,399
100	92	144	0,865	1,539	1,778	1,312

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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8						
9	0	99 542	62 806,962	1 201 907,633	19,137	18,670
10	1	99 229	59 486,456	1 139 100,671	19,149	18,682
11	2	99 199	56 501,793	1 079 614,215	19,108	18,641
12	3	99 178	53 672,228	1 023 112,422	19,062	18,595
13	4	99 158	50 984,920	969 440,194	19,014	18,547
14	5	99 140	48 432,693	918 455,273	18,964	18,497
15	6	99 120	46 007,802	870 022,581	18,910	18,444
16	7	99 099	43 703,429	824 014,779	18,855	18,388
17	8	99 069	41 510,706	780 311,351	18,798	18,331
18	9	99 033	39 426,096	738 800,645	18,739	18,272
19	10	98 989	37 442,690	699 374,549	18,679	18,212
20	11	98 942	35 558,041	661 931,859	18,616	18,149
21	12	98 890	33 766,619	626 373,818	18,550	18,083
22	13	98 838	32 065,414	592 607,199	18,481	18,014
23	14	98 785	30 449,600	560 541,786	18,409	17,942
24	15	98 729	28 914,417	530 092,185	18,333	17,866
25	16	98 669	27 455,415	501 177,769	18,254	17,787
26	17	98 608	26 069,675	473 722,354	18,171	17,705
27	18	98 546	24 753,926	447 652,679	18,084	17,617
28	19	98 474	23 501,972	422 898,753	17,994	17,527
29	20	98 405	22 313,855	399 396,782	17,899	17,432
30	21	98 330	21 184,749	377 082,927	17,800	17,333
31	22	98 257	20 113,101	355 898,178	17,695	17,228
32	23	98 173	19 093,376	335 785,077	17,586	17,120
33	24	98 082	18 124,333	316 691,701	17,473	17,006
34	25	97 996	17 205,123	298 567,368	17,353	16,887
35	26	97 899	16 330,701	281 362,245	17,229	16,762
36	27	97 793	15 499,315	265 031,543	17,100	16,633
37	28	97 685	14 709,910	249 532,228	16,964	16,497
38	29	97 569	13 959,584	234 822,318	16,822	16,355
39	30	97 442	13 245,914	220 862,735	16,674	16,207
40	31	97 306	12 567,723	207 616,820	16,520	16,053
41	32	97 153	11 922,017	195 049,097	16,360	15,894
42	33	96 991	11 308,403	183 127,080	16,194	15,727
43	34	96 812	10 724,497	171 818,677	16,021	15,554
44	35	96 615	10 168,880	161 094,180	15,842	15,375
45	36	96 403	9 640,414	150 925,300	15,655	15,189
46	37	96 161	9 136,528	141 284,886	15,464	14,997
47	38	95 907	8 657,835	132 148,359	15,263	14,797
48	39	95 612	8 200,718	123 490,524	15,059	14,592
49	40	95 289	7 765,329	115 289,806	14,847	14,380
50	41	94 925	7 349,776	107 524,477	14,630	14,163
51	42	94 519	6 953,286	100 174,701	14,407	13,940
52	43	94 076	6 575,480	93 221,415	14,177	13,710
53	44	93 575	6 214,242	86 645,936	13,943	13,476
54	45	93 013	5 868,835	80 431,694	13,705	13,238
55	46	92 392	5 538,842	74 562,859	13,462	12,995
56	47	91 707	5 223,561	69 024,017	13,214	12,747
57	48	90 950	4 922,038	63 800,456	12,962	12,495
58	49	90 120	4 633,834	58 878,417	12,706	12,239
59	50	89 198	4 357,624	54 244,583	12,448	11,981
60	51	88 198	4 093,877	49 886,960	12,186	11,719
61	52	87 120	3 842,108	45 793,082	11,919	11,452
62	53	85 951	3 601,483	41 950,974	11,648	11,181
63	54	84 677	3 371,102	38 349,491	11,376	10,909
64	55	83 319	3 151,577	34 978,390	11,099	10,632
65	56	81 857	2 941,842	31 826,813	10,819	10,352
66	57	80 307	2 742,188	28 884,970	10,534	10,067
67	58	78 679	2 552,585	26 142,782	10,242	9,775
68	59	76 926	2 371,212	23 590,197	9,949	9,482
69	60	75 123	2 200,118	21 218,985	9,644	9,178
70	61	73 176	2 036,202	19 018,867	9,340	8,874
71	62	71 136	1 880,707	16 982,666	9,030	8,563
72	63	68 979	1 732,718	15 101,958	8,716	8,249
73	64	66 733	1 592,683	13 369,241	8,394	7,927
74	65	64 372	1 459,703	11 776,558	8,068	7,601
75	66	61 882	1 333,241	10 316,855	7,738	7,271
76	67	59 254	1 212,939	8 983,613	7,406	6,940
77	68	56 471	1 098,304	7 770,674	7,075	6,608
78	69	53 588	990,249	6 672,370	6,738	6,271
79	70	50 539	887,322	5 682,121	6,404	5,937
80	71	47 313	789,253	4 794,799	6,075	5,608
81	72	43 945	696,499	4 005,546	5,751	5,284
82	73	40 430	608,827	3 309,046	5,435	4,968
83	74	36 828	526,920	2 700,219	5,125	4,658
84	75	33 128	450,342	2 173,299	4,826	4,359
85	76	29 399	379,711	1 722,957	4,538	4,071
86	77	25 665	314,955	1 343,246	4,265	3,798
87	78	22 033	256,890	1 028,291	4,003	3,536
88	79	18 566	205,670	771,401	3,751	3,284
89	80	15 306	161,097	565,730	3,512	3,045
90	81	12 327	123,274	404,633	3,282	2,816
91	82	9 668	91,860	281,360	3,063	2,596
92	83	7 323	66,108	189,500	2,867	2,400
93	84	5 351	45,896	123,392	2,688	2,222
94	85	3 774	30,758	77,495	2,520	2,053
95	86	2 530	19,591	46,738	2,386	1,919
96	87	1 646	12,110	27,147	2,242	1,775
97	88	1 017	7,109	15,037	2,115	1,648
98	89	596	3,958	7,928	2,003	1,536
99	90	331	2,086	3,970	1,903	1,436
100	91	173	1,039	1,884	1,813	1,346

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	59 669,275	1 139 796,617	19,102	18,635
11	1	99 221	56 514,852	1 080 127,342	19,112	18,645
12	2	99 190	53 678,620	1 023 612,491	19,069	18,602
13	3	99 170	50 990,995	969 933,870	19,022	18,555
14	4	99 149	48 437,097	918 942,875	18,972	18,505
15	5	99 128	46 011,252	870 505,778	18,919	18,453
16	6	99 106	43 706,306	824 494,526	18,864	18,398
17	7	99 073	41 512,753	780 788,220	18,808	18,342
18	8	99 040	39 428,537	739 275,468	18,750	18,283
19	9	98 995	37 445,113	699 846,931	18,690	18,223
20	10	98 948	35 560,148	662 401,818	18,628	18,161
21	11	98 897	33 769,134	626 841,670	18,563	18,096
22	12	98 846	32 067,951	593 072,536	18,494	18,027
23	13	98 793	30 452,211	561 004,586	18,422	17,956
24	14	98 739	28 917,451	530 552,375	18,347	17,880
25	15	98 681	27 458,850	501 634,924	18,269	17,802
26	16	98 622	26 073,354	474 176,074	18,186	17,719
27	17	98 561	24 757,551	448 102,720	18,100	17,633
28	18	98 494	23 506,759	423 345,169	18,010	17,543
29	19	98 424	22 318,163	399 838,411	17,915	17,449
30	20	98 348	21 188,672	377 520,248	17,817	17,350
31	21	98 273	20 116,431	356 331,576	17,713	17,247
32	22	98 190	19 096,681	336 215,144	17,606	17,139
33	23	98 104	18 128,267	317 118,464	17,493	17,026
34	24	98 013	17 208,041	298 990,197	17,375	16,908
35	25	97 917	16 333,747	281 782,156	17,252	16,785
36	26	97 812	15 502,331	265 448,409	17,123	16,656
37	27	97 706	14 713,124	249 946,078	16,988	16,521
38	28	97 593	13 963,066	235 232,954	16,847	16,380
39	29	97 467	13 249,343	221 269,888	16,700	16,234
40	30	97 335	12 571,456	208 020,545	16,547	16,080
41	31	97 184	11 925,824	195 449,089	16,389	15,922
42	32	97 024	11 312,329	183 523,265	16,223	15,757
43	33	96 846	10 728,317	172 210,936	16,052	15,585
44	34	96 653	10 172,859	161 482,619	15,874	15,407
45	35	96 442	9 644,296	151 309,761	15,689	15,222
46	36	96 206	9 140,814	141 665,465	15,498	15,031
47	37	95 951	8 661,821	132 524,652	15,300	14,833
48	38	95 668	8 205,523	123 862,831	15,095	14,628
49	39	95 346	7 769,958	115 657,307	14,885	14,418
50	40	94 989	7 354,767	107 887,350	14,669	14,202
51	41	94 591	6 958,595	100 532,582	14,447	13,980
52	42	94 154	6 580,940	93 573,987	14,219	13,752
53	43	93 659	6 219,839	86 993,047	13,986	13,520
54	44	93 108	5 874,827	80 773,208	13,749	13,282
55	45	92 495	5 545,008	74 898,380	13,507	13,041
56	46	91 824	5 230,202	69 353,372	13,260	12,793
57	47	91 081	4 929,104	64 123,170	13,009	12,542
58	48	90 265	4 641,258	59 194,066	12,754	12,287
59	49	89 360	4 365,532	54 552,808	12,496	12,029
60	50	88 373	4 101,961	50 187,276	12,235	11,768
61	51	87 313	3 850,613	46 085,315	11,968	11,502
62	52	86 163	3 610,347	42 234,702	11,698	11,231
63	53	84 909	3 380,341	38 624,355	11,426	10,959
64	54	83 570	3 161,091	35 244,014	11,149	10,683
65	55	82 129	2 951,622	32 082,923	10,870	10,403
66	56	80 599	2 752,148	29 131,301	10,585	10,118
67	57	78 995	2 562,817	26 379,153	10,293	9,826
68	58	77 267	2 381,717	23 816,337	10,000	9,533
69	59	75 487	2 210,796	21 434,620	9,695	9,229
70	60	73 573	2 047,238	19 223,824	9,390	8,923
71	61	71 536	1 891,289	17 176,586	9,082	8,615
72	62	69 401	1 743,311	15 285,296	8,768	8,301
73	63	67 176	1 603,239	13 541,985	8,447	7,980
74	64	64 845	1 470,419	11 938,746	8,119	7,652
75	65	62 382	1 344,010	10 468,327	7,789	7,322
76	66	59 776	1 223,628	9 124,318	7,457	6,990
77	67	57 024	1 109,056	7 900,690	7,124	6,657
78	68	54 141	1 000,469	6 791,634	6,788	6,322
79	69	51 110	897,347	5 791,165	6,454	5,987
80	70	47 897	798,988	4 893,818	6,125	5,658
81	71	44 542	705,952	4 094,830	5,800	5,334
82	72	41 021	617,728	3 388,878	5,486	5,019
83	73	37 407	535,206	2 771,149	5,178	4,711
84	74	33 705	458,181	2 235,943	4,880	4,413
85	75	29 970	387,092	1 777,762	4,593	4,126
86	76	26 238	321,983	1 390,670	4,319	3,852
87	77	22 585	263,329	1 068,688	4,058	3,592
88	78	19 103	211,617	805,358	3,806	3,339
89	79	15 827	166,581	593,742	3,564	3,097
90	80	12 819	128,197	427,160	3,332	2,865
91	81	10 114	96,094	298,963	3,111	2,644
92	82	7 711	69,613	202,869	2,914	2,447
93	83	5 681	48,726	133,256	2,735	2,268
94	84	4 046	32,974	84,530	2,564	2,097
95	85	2 742	21,231	51,556	2,428	1,962
96	86	1 807	13,292	30,325	2,282	1,815
97	87	1 132	7,909	17,033	2,154	1,687
98	88	673	4,471	9,124	2,041	1,574
99	89	380	2,401	4,653	1,938	1,472
100	90	203	1,220	2,253	1,847	1,380

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9						
10						
11	0	99 526	56 688,537	1 080 770,910	19,065	18,598
12	1	99 213	53 691,026	1 024 082,372	19,074	18,607
13	2	99 182	50 997,068	970 391,347	19,028	18,562
14	3	99 161	48 442,868	919 394,279	18,979	18,512
15	4	99 137	46 015,436	870 951,410	18,927	18,461
16	5	99 113	43 709,584	824 935,974	18,873	18,406
17	6	99 080	41 515,485	781 226,390	18,818	18,351
18	7	99 044	39 430,480	739 710,905	18,760	18,293
19	8	99 002	37 447,432	700 280,425	18,700	18,234
20	9	98 954	35 562,449	662 832,993	18,639	18,172
21	10	98 903	33 771,135	627 270,544	18,574	18,107
22	11	98 853	32 070,339	593 499,409	18,506	18,039
23	12	98 801	30 454,620	561 429,070	18,435	17,968
24	13	98 748	28 919,930	530 974,450	18,360	17,893
25	14	98 692	27 461,732	502 054,519	18,282	17,815
26	15	98 634	26 076,616	474 592,788	18,200	17,733
27	16	98 575	24 761,045	448 516,172	18,114	17,647
28	17	98 509	23 510,201	423 755,127	18,024	17,558
29	18	98 444	22 322,708	400 244,926	17,930	17,463
30	19	98 367	21 192,763	377 922,218	17,833	17,366
31	20	98 292	20 120,157	356 729,455	17,730	17,263
32	21	98 206	19 099,843	336 609,298	17,624	17,157
33	22	98 121	18 131,404	317 509,455	17,512	17,045
34	23	98 034	17 211,776	299 378,051	17,394	16,927
35	24	97 934	16 336,517	282 166,275	17,272	16,805
36	25	97 830	15 505,222	265 829,758	17,145	16,678
37	26	97 725	14 715,987	250 324,535	17,010	16,544
38	27	97 615	13 966,117	235 608,548	16,870	16,403
39	28	97 491	13 252,648	221 642,431	16,724	16,258
40	29	97 360	12 574,710	208 389,783	16,572	16,105
41	30	97 213	11 929,366	195 815,073	16,415	15,948
42	31	97 055	11 315,941	183 885,707	16,250	15,783
43	32	96 880	10 732,041	172 569,766	16,080	15,613
44	33	96 687	10 176,482	161 837,725	15,903	15,436
45	34	96 480	9 648,069	151 661,243	15,719	15,253
46	35	96 245	9 144,494	142 013,174	15,530	15,063
47	36	95 996	8 665,884	132 868,680	15,332	14,866
48	37	95 712	8 209,302	124 202,796	15,130	14,663
49	38	95 402	7 774,511	115 993,495	14,920	14,453
50	39	95 046	7 359,151	108 218,984	14,705	14,239
51	40	94 655	6 963,321	100 859,832	14,484	14,018
52	41	94 226	6 585,965	93 896,512	14,257	13,790
53	42	93 737	6 225,005	87 310,547	14,026	13,559
54	43	93 192	5 880,119	81 085,542	13,790	13,323
55	44	92 589	5 550,670	75 205,423	13,549	13,082
56	45	91 926	5 236,024	69 654,753	13,303	12,836
57	46	91 197	4 935,371	64 418,729	13,052	12,586
58	47	90 394	4 647,921	59 483,358	12,798	12,331
59	48	89 503	4 372,526	54 835,437	12,541	12,074
60	49	88 533	4 109,405	50 462,911	12,280	11,813
61	50	87 485	3 858,217	46 353,506	12,014	11,547
62	51	86 353	3 618,339	42 495,290	11,744	11,278
63	52	85 118	3 388,661	38 876,950	11,473	11,006
64	53	83 799	3 169,754	35 488,289	11,196	10,729
65	54	82 377	2 960,532	32 318,535	10,916	10,450
66	55	80 867	2 761,297	29 358,003	10,632	10,165
67	56	79 282	2 572,125	26 596,706	10,340	9,874
68	57	77 577	2 391,263	24 024,581	10,047	9,580
69	58	75 822	2 220,590	21 633,318	9,742	9,275
70	59	73 930	2 057,175	19 412,728	9,437	8,970
71	60	71 924	1 901,541	17 355,553	9,127	8,660
72	61	69 792	1 753,120	15 454,013	8,815	8,348
73	62	67 586	1 613,041	13 700,893	8,494	8,027
74	63	65 275	1 480,165	12 087,852	8,167	7,700
75	64	62 840	1 353,876	10 607,687	7,835	7,368
76	65	60 259	1 233,511	9 253,811	7,502	7,035
77	66	57 526	1 118,829	8 020,300	7,168	6,702
78	67	54 671	1 010,263	6 901,471	6,831	6,365
79	68	51 638	906,608	5 891,208	6,498	6,031
80	69	48 438	808,015	4 984,600	6,169	5,702
81	70	45 091	714,659	4 176,585	5,844	5,377
82	71	41 578	626,112	3 461,925	5,529	5,062
83	72	37 954	543,031	2 835,813	5,222	4,755
84	73	34 235	465,387	2 292,782	4,927	4,460
85	74	30 492	393,830	1 827,396	4,640	4,173
86	75	26 748	328,241	1 433,566	4,367	3,901
87	76	23 089	269,205	1 105,325	4,106	3,639
88	77	19 582	216,921	836,120	3,854	3,388
89	78	16 284	171,398	619,199	3,613	3,146
90	79	13 256	132,562	447,801	3,378	2,911
91	80	10 518	99,932	315,240	3,155	2,688
92	81	8 067	72,821	215,307	2,957	2,490
93	82	5 982	51,309	142,486	2,777	2,310
94	83	4 296	35,007	91,177	2,604	2,138
95	84	2 940	22,761	56,169	2,468	2,001
96	85	1 958	14,404	33,408	2,319	1,853
97	86	1 242	8,681	19,004	2,189	1,722
98	87	749	4,974	10,324	2,075	1,609
99	88	430	2,712	5,349	1,972	1,506
100	89	234	1,403	2,637	1,879	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	53 856,033	1 024 677,631	19,026	18,559
13	1	99 205	51 008,854	970 821,598	19,032	18,566
14	2	99 172	48 448,638	919 812,744	18,985	18,519
15	3	99 149	46 020,919	871 364,106	18,934	18,467
16	4	99 122	43 713,558	825 343,187	18,881	18,414
17	5	99 087	41 518,599	781 629,629	18,826	18,359
18	6	99 051	39 433,076	740 111,030	18,769	18,302
19	7	99 006	37 449,278	700 677,954	18,710	18,243
20	8	98 960	35 564,651	663 228,676	18,649	18,182
21	9	98 909	33 773,320	627 664,025	18,585	18,118
22	10	98 859	32 072,240	593 890,705	18,517	18,050
23	11	98 808	30 456,889	561 818,465	18,446	17,980
24	12	98 756	28 922,218	531 361,576	18,372	17,905
25	13	98 700	27 464,086	502 439,358	18,294	17,828
26	14	98 644	26 079,353	474 975,272	18,213	17,746
27	15	98 587	24 764,143	448 895,920	18,127	17,660
28	16	98 523	23 513,519	424 131,777	18,038	17,571
29	17	98 458	22 325,977	400 618,258	17,944	17,477
30	18	98 387	21 197,080	378 292,281	17,846	17,380
31	19	98 311	20 124,042	357 095,201	17,745	17,278
32	20	98 224	19 103,380	336 971,159	17,639	17,173
33	21	98 137	18 134,406	317 867,779	17,528	17,062
34	22	98 051	17 214,755	299 733,373	17,411	16,945
35	23	97 955	16 340,063	282 518,618	17,290	16,823
36	24	97 847	15 507,852	266 178,555	17,164	16,697
37	25	97 744	14 718,732	250 670,703	17,031	16,564
38	26	97 634	13 968,835	235 951,972	16,891	16,425
39	27	97 512	13 255,543	221 983,137	16,746	16,280
40	28	97 385	12 577,847	208 727,594	16,595	16,128
41	29	97 238	11 932,454	196 149,746	16,438	15,972
42	30	97 084	11 319,302	184 217,293	16,275	15,808
43	31	96 911	10 735,468	172 897,991	16,105	15,639
44	32	96 721	10 180,015	162 162,523	15,929	15,463
45	33	96 514	9 651,505	151 982,508	15,747	15,280
46	34	96 282	9 148,072	142 331,002	15,559	15,092
47	35	96 034	8 669,373	133 182,930	15,362	14,896
48	36	95 757	8 213,152	124 513,557	15,160	14,693
49	37	95 446	7 778,091	116 300,405	14,952	14,486
50	38	95 102	7 363,464	108 522,314	14,738	14,271
51	39	94 711	6 967,471	101 158,851	14,519	14,052
52	40	94 290	6 590,438	94 191,379	14,292	13,825
53	41	93 809	6 229,757	87 600,942	14,062	13,595
54	42	93 270	5 885,002	81 371,185	13,827	13,360
55	43	92 673	5 555,670	75 486,182	13,587	13,120
56	44	92 020	5 241,371	69 930,513	13,342	12,875
57	45	91 298	4 940,865	64 689,142	13,093	12,626
58	46	90 509	4 653,830	59 748,277	12,839	12,372
59	47	89 631	4 378,803	55 094,447	12,582	12,115
60	48	88 675	4 115,989	50 715,644	12,322	11,855
61	49	87 644	3 865,218	46 599,655	12,056	11,589
62	50	86 524	3 625,484	42 734,437	11,787	11,320
63	51	85 306	3 396,162	39 108,953	11,516	11,049
64	52	84 006	3 177,556	35 712,790	11,239	10,772
65	53	82 603	2 968,646	32 535,234	10,960	10,493
66	54	81 111	2 769,632	29 566,588	10,675	10,208
67	55	79 545	2 580,676	26 796,956	10,384	9,917
68	56	77 858	2 399,948	24 216,280	10,090	9,624
69	57	76 126	2 229,491	21 816,332	9,785	9,319
70	58	74 257	2 066,288	19 586,841	9,479	9,012
71	59	72 273	1 910,770	17 520,553	9,169	8,703
72	60	70 170	1 762,622	15 609,783	8,856	8,389
73	61	67 967	1 622,117	13 847,161	8,536	8,070
74	62	65 674	1 489,214	12 225,044	8,209	7,742
75	63	63 257	1 362,850	10 735,830	7,877	7,411
76	64	60 701	1 242,566	9 372,980	7,543	7,076
77	65	57 991	1 127,866	8 130,415	7,209	6,742
78	66	55 153	1 019,166	7 002,549	6,871	6,404
79	67	52 143	915,483	5 983,383	6,536	6,069
80	68	48 938	816,354	5 067,900	6,208	5,741
81	69	45 600	722,734	4 251,546	5,883	5,416
82	70	42 091	633,834	3 528,812	5,567	5,101
83	71	38 469	550,401	2 894,977	5,260	4,793
84	72	34 736	472,190	2 344,577	4,965	4,499
85	73	30 972	400,023	1 872,386	4,681	4,214
86	74	27 214	333,955	1 472,363	4,409	3,942
87	75	23 538	274,438	1 138,408	4,148	3,681
88	76	20 018	221,761	863,970	3,896	3,429
89	77	16 693	175,694	642,209	3,655	3,188
90	78	13 639	136,394	466,516	3,420	2,954
91	79	10 876	103,335	330,121	3,195	2,728
92	80	8 389	75,730	226,787	2,995	2,528
93	81	6 258	53,674	151,057	2,814	2,348
94	82	4 523	36,863	97,382	2,642	2,175
95	83	3 121	24,164	60,519	2,504	2,038
96	84	2 099	15,442	36,355	2,354	1,887
97	85	1 346	9,407	20,913	2,223	1,756
98	86	822	5,460	11,506	2,107	1,641
99	87	478	3,017	6,046	2,004	1,537
100	88	264	1,585	3,028	1,910	1,443

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	51 165,618	971 372,307	18,985	18,518
14	1	99 195	48 459,835	920 206,689	18,989	18,522
15	2	99 160	46 026,400	871 746,854	18,940	18,473
16	3	99 134	43 718,767	825 720,454	18,887	18,420
17	4	99 096	41 522,375	782 001,687	18,833	18,366
18	5	99 058	39 436,034	740 479,313	18,777	18,310
19	6	99 013	37 451,743	701 043,279	18,719	18,252
20	7	98 965	35 566,404	663 591,536	18,658	18,191
21	8	98 916	33 775,411	628 025,132	18,594	18,127
22	9	98 865	32 074,315	594 249,720	18,527	18,060
23	10	98 814	30 458,693	562 175,405	18,457	17,990
24	11	98 763	28 924,373	531 716,712	18,383	17,916
25	12	98 708	27 466,259	502 792,339	18,306	17,839
26	13	98 653	26 081,588	475 326,080	18,225	17,758
27	14	98 597	24 766,742	449 244,492	18,139	17,672
28	15	98 535	23 516,461	424 477,750	18,050	17,583
29	16	98 472	22 329,128	400 961,290	17,957	17,490
30	17	98 402	21 200,184	378 632,162	17,860	17,393
31	18	98 331	20 128,140	357 431,978	17,758	17,291
32	19	98 243	19 107,068	337 303,837	17,653	17,187
33	20	98 155	18 137,765	318 196,769	17,543	17,077
34	21	98 067	17 217,605	300 059,004	17,427	16,961
35	22	97 972	16 342,891	282 841,399	17,307	16,840
36	23	97 868	15 511,218	266 498,508	17,181	16,714
37	24	97 760	14 721,228	250 987,290	17,049	16,583
38	25	97 652	13 971,440	236 266,062	16,911	16,444
39	26	97 531	13 258,123	222 294,622	16,767	16,300
40	27	97 406	12 580,595	209 036,499	16,616	16,149
41	28	97 262	11 935,430	196 455,904	16,460	15,993
42	29	97 109	11 322,232	184 520,474	16,297	15,830
43	30	96 939	10 738,656	173 198,242	16,128	15,662
44	31	96 752	10 183,265	162 459,585	15,954	15,487
45	32	96 547	9 654,856	152 276,320	15,772	15,305
46	33	96 317	9 151,330	142 621,464	15,585	15,118
47	34	96 072	8 672,765	133 470,134	15,390	14,923
48	35	95 796	8 216,459	124 797,368	15,189	14,722
49	36	95 490	7 781,739	116 580,909	14,981	14,515
50	37	95 145	7 366,854	108 799,170	14,769	14,302
51	38	94 767	6 971,554	101 432,316	14,549	14,083
52	39	94 346	6 594,366	94 460,762	14,324	13,858
53	40	93 872	6 233,988	87 866,396	14,095	13,628
54	41	93 341	5 889,495	81 632,408	13,861	13,394
55	42	92 750	5 560,284	75 742,912	13,622	13,155
56	43	92 103	5 246,092	70 182,629	13,378	12,911
57	44	91 392	4 945,910	64 936,537	13,129	12,663
58	45	90 610	4 659,011	59 990,627	12,876	12,409
59	46	89 745	4 384,370	55 331,616	12,620	12,153
60	47	88 802	4 121,898	50 947,246	12,360	11,893
61	48	87 784	3 871,411	46 825,348	12,095	11,628
62	49	86 681	3 632,063	42 953,937	11,826	11,360
63	50	85 475	3 402,868	39 321,874	11,556	11,089
64	51	84 191	3 184,590	35 919,006	11,279	10,812
65	52	82 806	2 975,953	32 734,416	11,000	10,533
66	53	81 334	2 777,223	29 758,463	10,715	10,248
67	54	79 785	2 588,466	26 981,240	10,424	9,957
68	55	78 117	2 407,927	24 392,774	10,130	9,663
69	56	76 402	2 237,588	21 984,847	9,825	9,358
70	57	74 555	2 074,570	19 747,259	9,519	9,052
71	58	72 593	1 919,234	17 672,689	9,208	8,741
72	59	70 510	1 771,177	15 753,454	8,894	8,428
73	60	68 335	1 630,909	13 982,277	8,573	8,107
74	61	66 043	1 497,593	12 351,368	8,247	7,781
75	62	63 643	1 371,182	10 853,775	7,916	7,449
76	63	61 104	1 250,802	9 482,593	7,581	7,114
77	64	58 417	1 136,145	8 231,791	7,245	6,779
78	65	55 598	1 027,397	7 095,646	6,906	6,440
79	66	52 603	923,551	6 068,248	6,571	6,104
80	67	49 417	824,346	5 144,698	6,241	5,774
81	68	46 071	730,193	4 320,352	5,917	5,450
82	69	42 566	640,996	3 590,159	5,601	5,134
83	70	38 944	557,189	2 949,164	5,293	4,826
84	71	35 207	478,599	2 391,974	4,998	4,531
85	72	31 424	405,872	1 913,375	4,714	4,247
86	73	27 642	339,207	1 507,503	4,444	3,977
87	74	23 948	279,215	1 168,297	4,184	3,717
88	75	20 408	226,072	889,082	3,933	3,466
89	76	17 065	179,614	663,011	3,691	3,225
90	77	13 981	139,813	483,397	3,457	2,991
91	78	11 190	106,322	343,583	3,232	2,765
92	79	8 674	78,308	237,261	3,030	2,563
93	80	6 508	55,818	158,953	2,848	2,381
94	81	4 732	38,562	103,135	2,674	2,208
95	82	3 286	25,445	64,573	2,538	2,071
96	83	2 228	16,394	39,127	2,387	1,920
97	84	1 443	10,085	22,733	2,254	1,787
98	85	891	5,917	12,648	2,138	1,671
99	86	525	3,312	6,731	2,032	1,566
100	87	294	1,764	3,419	1,938	1,472

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	48 608,765	920 716,308	18,941	18,475
15	1	99 183	46 037,037	872 107,543	18,944	18,477
16	2	99 146	43 723,974	826 070,505	18,893	18,426
17	3	99 108	41 527,322	782 346,532	18,839	18,373
18	4	99 067	39 439,620	740 819,210	18,784	18,317
19	5	99 020	37 454,552	701 379,590	18,726	18,259
20	6	98 972	35 568,746	663 925,038	18,666	18,199
21	7	98 920	33 777,076	628 356,292	18,603	18,136
22	8	98 871	32 076,301	594 579,216	18,536	18,070
23	9	98 821	30 460,664	562 502,915	18,467	18,000
24	10	98 769	28 926,087	532 042,250	18,393	17,926
25	11	98 715	27 468,305	503 116,164	18,316	17,849
26	12	98 660	26 083,652	475 647,859	18,235	17,769
27	13	98 606	24 768,865	449 564,207	18,150	17,684
28	14	98 545	23 518,929	424 795,342	18,062	17,595
29	15	98 484	22 331,922	401 276,413	17,969	17,502
30	16	98 416	21 203,176	378 944,492	17,872	17,405
31	17	98 345	20 131,088	357 741,316	17,771	17,304
32	18	98 263	19 110,960	337 610,228	17,666	17,199
33	19	98 174	18 141,267	318 499,268	17,557	17,090
34	20	98 085	17 220,794	300 358,001	17,442	16,975
35	21	97 988	16 345,597	283 137,207	17,322	16,855
36	22	97 885	15 513,902	266 791,610	17,197	16,730
37	23	97 781	14 724,423	251 277,708	17,065	16,599
38	24	97 669	13 973,809	236 553,285	16,928	16,462
39	25	97 550	13 260,596	222 579,476	16,785	16,318
40	26	97 425	12 583,043	209 318,880	16,635	16,168
41	27	97 284	11 938,038	196 735,837	16,480	16,013
42	28	97 133	11 325,056	184 797,798	16,318	15,851
43	29	96 965	10 741,436	173 472,742	16,150	15,683
44	30	96 781	10 186,290	162 731,306	15,976	15,509
45	31	96 578	9 657,939	152 545,016	15,795	15,328
46	32	96 350	9 154,507	142 887,077	15,608	15,142
47	33	96 106	8 675,854	133 732,570	15,414	14,948
48	34	95 833	8 219,674	125 056,716	15,214	14,748
49	35	95 529	7 784,872	116 837,041	15,008	14,541
50	36	95 190	7 370,310	109 052,169	14,796	14,329
51	37	94 811	6 974,764	101 681,860	14,579	14,112
52	38	94 401	6 598,230	94 707,095	14,353	13,887
53	39	93 928	6 237,704	88 108,865	14,125	13,658
54	40	93 404	5 893,495	81 871,161	13,892	13,425
55	41	92 821	5 564,529	75 977,666	13,654	13,187
56	42	92 179	5 250,449	70 413,137	13,411	12,944
57	43	91 474	4 950,365	65 162,688	13,163	12,696
58	44	90 702	4 663,768	60 212,324	12,911	12,444
59	45	89 845	4 389,251	55 548,556	12,656	12,189
60	46	88 915	4 127,138	51 159,305	12,396	11,929
61	47	87 910	3 876,969	47 032,167	12,131	11,664
62	48	86 820	3 637,882	43 155,198	11,863	11,396
63	49	85 630	3 409,043	39 517,316	11,592	11,125
64	50	84 358	3 190,878	36 108,272	11,316	10,849
65	51	82 990	2 982,541	32 917,394	11,037	10,570
66	52	81 534	2 784,059	29 934,853	10,752	10,285
67	53	80 004	2 595,560	27 150,795	10,460	9,994
68	54	78 353	2 415,196	24 555,234	10,167	9,700
69	55	76 656	2 245,027	22 140,039	9,862	9,395
70	56	74 826	2 082,105	19 895,012	9,555	9,088
71	57	72 884	1 926,927	17 812,907	9,244	8,777
72	58	70 823	1 779,024	15 885,979	8,930	8,463
73	59	68 667	1 638,825	14 106,956	8,608	8,141
74	60	66 401	1 505,711	12 468,131	8,281	7,814
75	61	64 001	1 378,897	10 962,421	7,950	7,483
76	62	61 477	1 258,449	9 583,524	7,615	7,149
77	63	58 804	1 143,676	8 325,075	7,279	6,812
78	64	56 007	1 034,939	7 181,399	6,939	6,472
79	65	53 027	931,010	6 146,460	6,602	6,135
80	66	49 853	831,610	5 215,450	6,272	5,805
81	67	46 522	737,341	4 383,840	5,945	5,479
82	68	43 006	647,611	3 646,499	5,631	5,164
83	69	39 384	563,485	2 998,888	5,322	4,855
84	70	35 641	484,502	2 435,403	5,027	4,560
85	71	31 851	411,380	1 950,901	4,742	4,276
86	72	28 046	344,166	1 539,521	4,473	4,006
87	73	24 324	283,606	1 195,355	4,215	3,748
88	74	20 763	230,007	911,749	3,964	3,497
89	75	17 397	183,105	681,743	3,723	3,256
90	76	14 293	142,933	498,637	3,489	3,022
91	77	11 471	108,987	355,705	3,264	2,797
92	78	8 925	80,572	246,717	3,062	2,595
93	79	6 729	57,719	166,145	2,879	2,412
94	80	4 921	40,103	108,427	2,704	2,237
95	81	3 438	26,618	68,324	2,567	2,100
96	82	2 347	17,263	41,706	2,416	1,949
97	83	1 532	10,707	24,443	2,283	1,816
98	84	955	6,343	13,736	2,165	1,699
99	85	569	3,589	7,392	2,060	1,593
100	86	323	1,936	3,803	1,965	1,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	46 178,522	872 579,252	18,896	18,429
16	1	99 168	43 734,079	826 400,730	18,896	18,429
17	2	99 120	41 532,268	782 666,651	18,845	18,378
18	3	99 079	39 444,319	741 134,384	18,789	18,323
19	4	99 029	37 457,958	701 690,064	18,733	18,266
20	5	98 979	35 571,413	664 232,106	18,673	18,206
21	6	98 927	33 779,300	628 660,693	18,611	18,144
22	7	98 876	32 077,882	594 881,393	18,545	18,078
23	8	98 827	30 462,550	562 803,511	18,475	18,008
24	9	98 775	28 927,959	532 340,960	18,402	17,936
25	10	98 721	27 469,932	503 413,002	18,326	17,859
26	11	98 668	26 085,595	475 943,069	18,245	17,779
27	12	98 614	24 770,825	449 857,474	18,161	17,694
28	13	98 554	23 520,945	425 086,650	18,073	17,606
29	14	98 495	22 334,265	401 565,705	17,980	17,513
30	15	98 428	21 205,829	379 231,439	17,883	17,417
31	16	98 359	20 133,929	358 025,611	17,782	17,315
32	17	98 277	19 113,759	337 891,682	17,678	17,211
33	18	98 194	18 144,962	318 777,923	17,568	17,102
34	19	98 104	17 224,119	300 632,962	17,454	16,987
35	20	98 006	16 348,624	283 408,843	17,335	16,869
36	21	97 901	15 516,471	267 060,219	17,211	16,745
37	22	97 798	14 726,971	251 543,747	17,080	16,614
38	23	97 690	13 976,842	236 816,776	16,944	16,477
39	24	97 566	13 262,845	222 839,934	16,802	16,335
40	25	97 443	12 585,390	209 577,089	16,652	16,186
41	26	97 302	11 940,361	196 991,699	16,498	16,031
42	27	97 155	11 327,531	185 051,338	16,336	15,870
43	28	96 989	10 744,116	173 723,807	16,169	15,702
44	29	96 806	10 188,927	162 979,692	15,996	15,529
45	30	96 607	9 660,807	152 790,765	15,816	15,349
46	31	96 381	9 157,430	143 129,957	15,630	15,163
47	32	96 140	8 678,866	133 972,527	15,437	14,970
48	33	95 867	8 222,602	125 293,661	15,238	14,771
49	34	95 566	7 787,918	117 071,059	15,032	14,566
50	35	95 228	7 373,277	109 283,141	14,822	14,355
51	36	94 855	6 978,036	101 909,864	14,604	14,138
52	37	94 445	6 601,268	94 931,828	14,381	13,914
53	38	93 983	6 241,359	88 330,560	14,152	13,686
54	39	93 460	5 897,008	82 089,200	13,920	13,454
55	40	92 884	5 568,308	76 192,192	13,683	13,216
56	41	92 250	5 254,457	70 623,884	13,441	12,974
57	42	91 550	4 954,476	65 369,427	13,194	12,727
58	43	90 784	4 667,969	60 414,951	12,942	12,476
59	44	89 937	4 393,733	55 746,982	12,688	12,221
60	45	89 014	4 131,732	51 353,250	12,429	11,962
61	46	88 022	3 881,898	47 221,517	12,165	11,698
62	47	86 945	3 643,105	43 339,620	11,896	11,430
63	48	85 767	3 414,505	39 696,515	11,626	11,159
64	49	84 511	3 196,669	36 282,010	11,350	10,883
65	50	83 153	2 988,430	33 085,341	11,071	10,604
66	51	81 714	2 790,222	30 096,911	10,787	10,320
67	52	80 201	2 601,949	27 306,689	10,495	10,028
68	53	78 568	2 421,815	24 704,740	10,201	9,734
69	54	76 888	2 251,804	22 282,925	9,896	9,429
70	55	75 074	2 089,027	20 031,121	9,589	9,122
71	56	73 149	1 933,926	17 942,094	9,278	8,811
72	57	71 107	1 786,154	16 008,168	8,962	8,496
73	58	68 971	1 646,085	14 222,014	8,640	8,173
74	59	66 724	1 513,019	12 575,929	8,312	7,845
75	60	64 348	1 386,371	11 062,911	7,980	7,513
76	61	61 823	1 265,530	9 676,540	7,646	7,179
77	62	59 163	1 150,668	8 411,010	7,310	6,843
78	63	56 378	1 041,799	7 260,343	6,969	6,502
79	64	53 417	937,844	6 218,543	6,631	6,164
80	65	50 255	838,327	5 280,699	6,299	5,832
81	66	46 932	743,839	4 442,372	5,972	5,505
82	67	43 427	653,951	3 698,533	5,656	5,189
83	68	39 790	569,300	3 044,583	5,348	4,881
84	69	36 044	489,976	2 475,283	5,052	4,585
85	70	32 244	416,454	1 985,307	4,767	4,300
86	71	28 427	348,837	1 568,853	4,497	4,031
87	72	24 680	287,752	1 220,016	4,240	3,773
88	73	21 089	233,624	932,264	3,990	3,524
89	74	17 700	186,293	698,640	3,750	3,283
90	75	14 571	145,711	512,348	3,516	3,049
91	76	11 727	111,419	366,636	3,291	2,824
92	77	9 149	82,592	255,217	3,090	2,623
93	78	6 924	59,387	172,626	2,907	2,440
94	79	5 088	41,468	113,238	2,731	2,264
95	80	3 575	27,681	71,770	2,593	2,126
96	81	2 455	18,059	44,089	2,441	1,975
97	82	1 613	11,275	26,030	2,309	1,842
98	83	1 014	6,734	14,756	2,191	1,724
99	84	610	3,848	8,021	2,085	1,618
100	85	350	2,098	4,174	1,989	1,522

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	43 868,486	826 837,452	18,848	18,381
17	1	99 143	41 541,866	782 968,967	18,848	18,381
18	2	99 091	39 449,017	741 427,100	18,795	18,328
19	3	99 041	37 462,421	701 978,084	18,738	18,271
20	4	98 988	35 574,648	664 515,663	18,679	18,213
21	5	98 934	33 781,833	628 941,015	18,618	18,151
22	6	98 883	32 079,994	595 159,181	18,552	18,086
23	7	98 832	30 464,052	563 079,187	18,483	18,017
24	8	98 781	28 929,750	532 615,135	18,411	17,944
25	9	98 728	27 471,710	503 685,385	18,335	17,868
26	10	98 674	26 087,141	476 213,675	18,255	17,788
27	11	98 621	24 772,670	450 126,534	18,170	17,703
28	12	98 562	23 522,806	425 353,865	18,083	17,616
29	13	98 503	22 336,180	401 831,059	17,990	17,523
30	14	98 438	21 208,054	379 494,879	17,894	17,427
31	15	98 371	20 136,448	358 286,825	17,793	17,326
32	16	98 291	19 116,456	338 150,377	17,689	17,222
33	17	98 209	18 147,619	319 033,921	17,580	17,113
34	18	98 124	17 227,627	300 886,302	17,465	16,999
35	19	98 025	16 351,780	283 658,675	17,347	16,880
36	20	97 919	15 519,345	267 306,894	17,224	16,757
37	21	97 814	14 729,410	251 787,549	17,094	16,627
38	22	97 707	13 979,261	237 058,139	16,958	16,491
39	23	97 587	13 265,723	223 078,878	16,816	16,349
40	24	97 460	12 587,525	209 813,155	16,668	16,202
41	25	97 321	11 942,588	197 225,630	16,514	16,048
42	26	97 174	11 329,735	185 283,042	16,354	15,887
43	27	97 010	10 746,463	173 953,307	16,187	15,720
44	28	96 830	10 191,468	163 206,844	16,014	15,547
45	29	96 632	9 663,308	153 015,376	15,835	15,368
46	30	96 409	9 160,150	143 352,068	15,650	15,183
47	31	96 170	8 681,637	134 191,917	15,457	14,990
48	32	95 901	8 225,456	125 510,280	15,259	14,792
49	33	95 600	7 790,692	117 284,824	15,054	14,588
50	34	95 266	7 376,162	109 494,132	14,844	14,378
51	35	94 893	6 980,846	102 117,969	14,628	14,162
52	36	94 489	6 604,365	95 137,124	14,405	13,938
53	37	94 027	6 244,233	88 532,759	14,178	13,712
54	38	93 515	5 900,464	82 288,526	13,946	13,479
55	39	92 939	5 571,627	76 388,062	13,710	13,243
56	40	92 313	5 258,026	70 816,435	13,468	13,001
57	41	91 620	4 958,259	65 558,410	13,222	12,755
58	42	90 860	4 671,846	60 600,151	12,971	12,505
59	43	90 018	4 397,690	55 928,305	12,718	12,251
60	44	89 105	4 135,951	51 530,615	12,459	11,992
61	45	88 120	3 886,219	47 394,664	12,196	11,729
62	46	87 055	3 647,736	43 508,445	11,928	11,461
63	47	85 890	3 419,407	39 860,709	11,657	11,190
64	48	84 646	3 201,790	36 441,302	11,382	10,915
65	49	83 304	2 993,853	33 239,511	11,103	10,636
66	50	81 876	2 795,731	30 245,658	10,819	10,352
67	51	80 379	2 607,709	27 449,927	10,526	10,060
68	52	78 761	2 427,776	24 842,218	10,233	9,766
69	53	77 098	2 257,975	22 414,443	9,927	9,460
70	54	75 301	2 095,333	20 156,467	9,620	9,153
71	55	73 392	1 940,355	18 061,134	9,308	8,841
72	56	71 365	1 792,642	16 120,779	8,993	8,526
73	57	69 247	1 652,683	14 328,137	8,670	8,203
74	58	67 019	1 519,721	12 675,454	8,341	7,874
75	59	64 661	1 393,099	11 155,733	8,008	7,541
76	60	62 158	1 272,389	9 762,634	7,673	7,206
77	61	59 496	1 157,142	8 490,245	7,337	6,870
78	62	56 722	1 048,168	7 333,102	6,996	6,529
79	63	53 771	944,061	6 284,934	6,657	6,191
80	64	50 624	844,481	5 340,873	6,324	5,858
81	65	47 311	749,846	4 496,392	5,996	5,530
82	66	43 809	659,714	3 746,546	5,679	5,212
83	67	40 180	574,873	3 086,832	5,370	4,903
84	68	36 416	495,033	2 511,959	5,074	4,608
85	69	32 608	421,159	2 016,927	4,789	4,322
86	70	28 777	353,139	1 595,767	4,519	4,052
87	71	25 015	291,657	1 242,628	4,261	3,794
88	72	21 398	237,039	950,971	4,012	3,545
89	73	17 978	189,222	713,931	3,773	3,306
90	74	14 824	148,247	524,709	3,539	3,073
91	75	11 955	113,585	376,462	3,314	2,848
92	76	9 353	84,435	262,877	3,113	2,647
93	77	7 097	60,876	178,442	2,931	2,464
94	78	5 236	42,667	117,566	2,755	2,289
95	79	3 697	28,624	74,899	2,617	2,150
96	80	2 553	18,780	46,276	2,464	1,997
97	81	1 687	11,794	27,496	2,331	1,864
98	82	1 068	7,091	15,701	2,214	1,747
99	83	647	4,085	8,610	2,108	1,641
100	84	375	2,249	4,525	2,012	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	41 669,536	783 373,379	18,800	18,333
18	1	99 114	39 458,134	741 703,843	18,797	18,330
19	2	99 053	37 466,883	702 245,709	18,743	18,276
20	3	99 000	35 578,887	664 778,826	18,685	18,218
21	4	98 943	33 784,906	629 199,940	18,624	18,157
22	5	98 890	32 082,400	595 415,034	18,559	18,092
23	6	98 838	30 466,058	563 332,634	18,490	18,024
24	7	98 786	28 931,176	532 866,576	18,418	17,952
25	8	98 734	27 473,411	503 935,400	18,343	17,876
26	9	98 680	26 088,829	476 461,990	18,263	17,796
27	10	98 627	24 774,138	450 373,161	18,179	17,712
28	11	98 569	23 524,558	425 599,023	18,092	17,625
29	12	98 511	22 337,947	402 074,465	18,000	17,533
30	13	98 447	21 209,872	379 736,517	17,904	17,437
31	14	98 382	20 138,561	358 526,645	17,803	17,336
32	15	98 304	19 118,848	338 388,084	17,699	17,232
33	16	98 222	18 150,180	319 269,236	17,590	17,124
34	17	98 139	17 230,150	301 119,056	17,476	17,009
35	18	98 045	16 355,111	283 888,906	17,358	16,891
36	19	97 938	15 522,341	267 533,795	17,235	16,769
37	20	97 833	14 732,138	252 011,454	17,106	16,639
38	21	97 723	13 981,576	237 279,317	16,971	16,504
39	22	97 604	13 268,019	223 297,741	16,830	16,363
40	23	97 481	12 590,257	210 029,722	16,682	16,215
41	24	97 337	11 944,614	197 439,465	16,530	16,063
42	25	97 192	11 331,848	185 494,851	16,369	15,903
43	26	97 029	10 748,554	174 163,003	16,203	15,737
44	27	96 851	10 193,695	163 414,449	16,031	15,564
45	28	96 656	9 665,719	153 220,754	15,852	15,385
46	29	96 434	9 162,521	143 555,035	15,668	15,201
47	30	96 199	8 684,216	134 392,514	15,475	15,009
48	31	95 931	8 228,083	125 708,298	15,278	14,811
49	32	95 633	7 793,397	117 480,215	15,074	14,608
50	33	95 299	7 378,789	109 686,818	14,865	14,398
51	34	94 930	6 983,577	102 308,029	14,650	14,183
52	35	94 527	6 607,024	95 324,452	14,428	13,961
53	36	94 071	6 247,162	88 717,428	14,201	13,734
54	37	93 558	5 903,181	82 470,266	13,970	13,504
55	38	92 993	5 574,892	76 567,086	13,734	13,267
56	39	92 368	5 261,160	70 992,194	13,494	13,027
57	40	91 682	4 961,626	65 731,034	13,248	12,781
58	41	90 929	4 675,412	60 769,408	12,998	12,531
59	42	90 093	4 401,342	56 093,996	12,745	12,278
60	43	89 185	4 139,677	51 692,653	12,487	12,020
61	44	88 210	3 890,187	47 552,976	12,224	11,757
62	45	87 152	3 651,797	43 662,789	11,957	11,490
63	46	85 999	3 423,754	40 010,992	11,686	11,219
64	47	84 768	3 206,387	36 587,238	11,411	10,944
65	48	83 438	2 998,650	33 380,851	11,132	10,665
66	49	82 024	2 800,805	30 382,201	10,848	10,381
67	50	80 537	2 612,858	27 581,397	10,556	10,089
68	51	78 935	2 433,150	24 968,539	10,262	9,795
69	52	77 288	2 263,533	22 535,389	9,956	9,489
70	53	75 507	2 101,076	20 271,856	9,648	9,182
71	54	73 614	1 946,213	18 170,780	9,336	8,870
72	55	71 602	1 798,601	16 224,568	9,021	8,554
73	56	69 499	1 658,685	14 425,967	8,697	8,230
74	57	67 288	1 525,813	12 767,281	8,368	7,901
75	58	64 947	1 399,271	11 241,468	8,034	7,567
76	59	62 460	1 278,564	9 842,197	7,698	7,231
77	60	59 819	1 163,414	8 563,633	7,361	6,894
78	61	57 042	1 054,066	7 400,219	7,021	6,554
79	62	54 099	949,832	6 346,153	6,681	6,215
80	63	50 960	850,078	5 396,320	6,348	5,881
81	64	47 658	755,351	4 546,242	6,019	5,552
82	65	44 163	665,042	3 790,891	5,700	5,233
83	66	40 534	579,939	3 125,849	5,390	4,923
84	67	36 772	499,879	2 545,910	5,093	4,626
85	68	32 945	425,506	2 046,031	4,808	4,342
86	69	29 102	357,129	1 620,525	4,538	4,071
87	70	25 323	295,254	1 263,396	4,279	3,812
88	71	21 688	240,256	968,142	4,030	3,563
89	72	18 241	191,989	727,885	3,791	3,324
90	73	15 058	150,579	535,896	3,559	3,092
91	74	12 163	115,562	385,318	3,334	2,868
92	75	9 535	86,076	269,756	3,134	2,667
93	76	7 256	62,234	183,680	2,951	2,485
94	77	5 367	43,736	121,446	2,777	2,310
95	78	3 804	29,451	77,709	2,639	2,172
96	79	2 640	19,420	48,258	2,485	2,018
97	80	1 755	12,265	28,839	2,351	1,884
98	81	1 117	7,418	16,573	2,234	1,767
99	82	682	4,301	9,155	2,128	1,662
100	83	398	2,388	4,854	2,033	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	39 579,400	742 078,414	18,749	18,282
19	1	99 076	37 475,542	702 499,015	18,746	18,279
20	2	99 012	35 583,124	665 023,473	18,689	18,222
21	3	98 955	33 788,931	629 440,349	18,629	18,162
22	4	98 899	32 085,318	595 651,418	18,565	18,098
23	5	98 846	30 468,343	563 566,100	18,497	18,030
24	6	98 793	28 933,080	533 097,758	18,425	17,958
25	7	98 739	27 474,765	504 164,677	18,350	17,883
26	8	98 686	26 090,444	476 689,912	18,271	17,804
27	9	98 633	24 775,741	450 599,468	18,187	17,720
28	10	98 575	23 525,952	425 823,727	18,100	17,633
29	11	98 518	22 339,611	402 297,775	18,008	17,541
30	12	98 454	21 211,550	379 958,163	17,913	17,446
31	13	98 390	20 140,288	358 746,613	17,812	17,346
32	14	98 314	19 120,854	338 606,325	17,709	17,242
33	15	98 235	18 152,451	319 485,471	17,600	17,133
34	16	98 153	17 232,582	301 333,020	17,486	17,019
35	17	98 060	16 357,506	284 100,439	17,368	16,901
36	18	97 958	15 525,503	267 742,933	17,245	16,779
37	19	97 851	14 734,982	252 217,430	17,117	16,650
38	20	97 741	13 984,165	237 482,448	16,982	16,515
39	21	97 620	13 270,216	223 498,283	16,842	16,375
40	22	97 498	12 592,436	210 228,067	16,695	16,228
41	23	97 358	11 947,206	197 635,631	16,542	16,076
42	24	97 208	11 333,770	185 688,425	16,384	15,917
43	25	97 047	10 750,559	174 354,655	16,218	15,751
44	26	96 870	10 195,679	163 604,096	16,046	15,580
45	27	96 677	9 667,830	153 408,417	15,868	15,401
46	28	96 458	9 164,807	143 740,587	15,684	15,217
47	29	96 224	8 686,464	134 575,780	15,493	15,026
48	30	95 960	8 230,527	125 889,316	15,295	14,829
49	31	95 664	7 795,885	117 658,789	15,092	14,626
50	32	95 333	7 381,351	109 862,904	14,884	14,417
51	33	94 964	6 986,064	102 481,553	14,669	14,203
52	34	94 564	6 609,609	95 495,489	14,448	13,981
53	35	94 109	6 249,678	88 885,880	14,222	13,756
54	36	93 602	5 905,950	82 636,202	13,992	13,525
55	37	93 036	5 577,459	76 730,253	13,757	13,290
56	38	92 422	5 264,243	71 152,794	13,516	13,049
57	39	91 737	4 964,583	65 888,551	13,272	12,805
58	40	90 991	4 678,588	60 923,968	13,022	12,555
59	41	90 161	4 404,703	56 245,380	12,769	12,303
60	42	89 259	4 143,115	51 840,678	12,512	12,046
61	43	88 290	3 893,691	47 697,563	12,250	11,783
62	44	87 241	3 655,526	43 803,872	11,983	11,516
63	45	86 095	3 427,566	40 148,346	11,713	11,247
64	46	84 876	3 210,463	36 720,780	11,438	10,971
65	47	83 558	3 002,955	33 510,317	11,159	10,692
66	48	82 156	2 805,292	30 507,362	10,875	10,408
67	49	80 683	2 617,599	27 702,070	10,583	10,116
68	50	79 091	2 437,954	25 084,471	10,289	9,822
69	51	77 459	2 268,544	22 646,517	9,983	9,516
70	52	75 693	2 106,247	20 377,973	9,675	9,208
71	53	73 816	1 951,546	18 271,726	9,363	8,896
72	54	71 818	1 804,031	16 320,179	9,047	8,580
73	55	69 730	1 664,200	14 516,149	8,723	8,256
74	56	67 532	1 531,355	12 851,949	8,393	7,926
75	57	65 207	1 404,880	11 320,595	8,058	7,591
76	58	62 737	1 284,229	9 915,715	7,721	7,254
77	59	60 109	1 169,061	8 631,486	7,383	6,916
78	60	57 351	1 059,779	7 462,425	7,041	6,575
79	61	54 404	955,177	6 402,646	6,703	6,236
80	62	51 271	855,275	5 447,469	6,369	5,902
81	63	47 974	760,358	4 592,194	6,040	5,573
82	64	44 488	669,924	3 831,836	5,720	5,253
83	65	40 861	584,623	3 161,913	5,408	4,942
84	66	37 096	504,284	2 577,289	5,111	4,644
85	67	33 267	429,671	2 073,005	4,825	4,358
86	68	29 403	360,815	1 643,334	4,555	4,088
87	69	25 609	298,590	1 282,519	4,295	3,828
88	70	21 956	243,220	983,929	4,045	3,579
89	71	18 488	194,594	740,709	3,806	3,340
90	72	15 278	152,780	546,115	3,575	3,108
91	73	12 354	117,379	393,335	3,351	2,884
92	74	9 701	87,574	275,955	3,151	2,684
93	75	7 397	63,444	188,381	2,969	2,502
94	76	5 487	44,712	124,937	2,794	2,327
95	77	3 899	30,189	80,225	2,657	2,191
96	78	2 716	19,981	50,036	2,504	2,037
97	79	1 815	12,683	30,055	2,370	1,903
98	80	1 162	7,715	17,372	2,252	1,785
99	81	713	4,500	9,657	2,146	1,679
100	82	419	2,515	5,157	2,051	1,584

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	37 590,714	702 846,009	18,697	18,231
20	1	99 035	35 591,348	665 255,295	18,691	18,225
21	2	98 967	33 792,955	629 663,947	18,633	18,166
22	3	98 911	32 089,141	595 870,992	18,569	18,102
23	4	98 855	30 471,113	563 781,852	18,502	18,035
24	5	98 800	28 935,250	533 310,738	18,431	17,964
25	6	98 745	27 476,574	504 375,488	18,357	17,890
26	7	98 691	26 091,730	476 898,914	18,278	17,811
27	8	98 639	24 777,275	450 807,184	18,194	17,728
28	9	98 581	23 527,474	426 029,909	18,108	17,641
29	10	98 524	22 340,935	402 502,434	18,016	17,550
30	11	98 462	21 213,130	380 161,499	17,921	17,454
31	12	98 398	20 141,881	358 948,369	17,821	17,354
32	13	98 322	19 122,493	338 806,487	17,718	17,251
33	14	98 245	18 154,356	319 683,994	17,609	17,142
34	15	98 165	17 234,738	301 529,638	17,495	17,029
35	16	98 074	16 359,814	284 294,901	17,378	16,911
36	17	97 973	15 527,776	267 935,086	17,255	16,788
37	18	97 871	14 737,983	252 407,310	17,126	16,660
38	19	97 760	13 986,865	237 669,327	16,992	16,526
39	20	97 638	13 272,674	223 682,461	16,853	16,386
40	21	97 514	12 594,521	210 409,788	16,706	16,240
41	22	97 375	11 949,274	197 815,267	16,555	16,088
42	23	97 229	11 336,230	185 865,993	16,396	15,929
43	24	97 063	10 752,382	174 529,764	16,232	15,765
44	25	96 888	10 197,580	163 777,381	16,060	15,594
45	26	96 696	9 669,712	153 579,801	15,883	15,416
46	27	96 479	9 166,809	143 910,089	15,699	15,232
47	28	96 248	8 688,631	134 743,280	15,508	15,041
48	29	95 984	8 232,657	126 054,649	15,312	14,845
49	30	95 692	7 798,201	117 821,992	15,109	14,642
50	31	95 363	7 383,708	110 023,791	14,901	14,434
51	32	94 997	6 988,490	102 640,083	14,687	14,220
52	33	94 598	6 611,963	95 651,594	14,466	14,000
53	34	94 145	6 252,123	89 039,631	14,242	13,775
54	35	93 639	5 908,328	82 787,508	14,012	13,545
55	36	93 080	5 580,075	76 879,180	13,777	13,311
56	37	92 464	5 266,667	71 299,105	13,538	13,071
57	38	91 790	4 967,493	66 032,439	13,293	12,826
58	39	91 045	4 681,376	61 064,946	13,044	12,577
59	40	90 223	4 407,694	56 383,570	12,792	12,325
60	41	89 327	4 146,278	51 975,875	12,536	12,069
61	42	88 363	3 896,925	47 829,598	12,274	11,807
62	43	87 320	3 658,819	43 932,673	12,007	11,541
63	44	86 183	3 431,065	40 273,854	11,738	11,271
64	45	84 970	3 214,037	36 842,789	11,463	10,996
65	46	83 664	3 006,772	33 628,752	11,184	10,718
66	47	82 274	2 809,319	30 621,979	10,900	10,433
67	48	80 813	2 621,793	27 812,660	10,608	10,141
68	49	79 235	2 442,379	25 190,867	10,314	9,847
69	50	77 612	2 273,023	22 748,488	10,008	9,541
70	51	75 861	2 110,910	20 475,465	9,700	9,233
71	52	73 997	1 956,350	18 364,556	9,387	8,920
72	53	72 015	1 808,975	16 408,206	9,070	8,604
73	54	69 940	1 669,223	14 599,231	8,746	8,279
74	55	67 757	1 536,445	12 930,008	8,416	7,949
75	56	65 444	1 409,982	11 393,562	8,081	7,614
76	57	62 988	1 289,376	9 983,580	7,743	7,276
77	58	60 375	1 174,240	8 694,204	7,404	6,937
78	59	57 629	1 064,923	7 519,964	7,062	6,595
79	60	54 699	960,354	6 455,041	6,722	6,255
80	61	51 560	860,088	5 494,687	6,389	5,922
81	62	48 268	765,006	4 634,599	6,058	5,591
82	63	44 782	674,364	3 869,593	5,738	5,271
83	64	41 161	588,915	3 195,229	5,426	4,959
84	65	37 396	508,357	2 606,314	5,127	4,660
85	66	33 560	433,458	2 097,957	4,840	4,373
86	67	29 690	364,347	1 664,500	4,568	4,102
87	68	25 874	301,672	1 300,152	4,310	3,843
88	69	22 204	245,968	998,481	4,059	3,593
89	70	18 716	196,994	752,513	3,820	3,353
90	71	15 485	154,854	555,518	3,587	3,121
91	72	12 534	119,095	400,665	3,364	2,897
92	73	9 853	88,951	281,569	3,165	2,699
93	74	7 526	64,548	192,618	2,984	2,517
94	75	5 593	45,581	128,070	2,810	2,343
95	76	3 986	30,863	82,488	2,673	2,206
96	77	2 784	20,482	51,625	2,521	2,054
97	78	1 867	13,050	31,143	2,387	1,920
98	79	1 201	7,977	18,094	2,268	1,801
99	80	742	4,679	10,117	2,162	1,695
100	81	439	2,630	5,437	2,067	1,600

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	35 700,730	665 576,805	18,643	18,176
21	1	98 990	33 800,765	629 876,075	18,635	18,168
22	2	98 923	32 092,962	596 075,310	18,573	18,107
23	3	98 866	30 474,744	563 982,348	18,507	18,040
24	4	98 809	28 937,882	533 507,604	18,436	17,970
25	5	98 752	27 478,635	504 569,722	18,362	17,895
26	6	98 698	26 093,448	477 091,087	18,284	17,817
27	7	98 644	24 778,496	450 997,639	18,201	17,734
28	8	98 587	23 528,931	426 219,143	18,115	17,648
29	9	98 530	22 342,381	402 690,212	18,024	17,557
30	10	98 468	21 214,387	380 347,831	17,929	17,462
31	11	98 405	20 143,382	359 133,443	17,829	17,362
32	12	98 330	19 124,006	338 990,062	17,726	17,259
33	13	98 253	18 155,912	319 866,055	17,618	17,151
34	14	98 175	17 236,546	301 710,143	17,504	17,037
35	15	98 086	16 361,861	284 473,597	17,386	16,920
36	16	97 987	15 529,968	268 111,736	17,264	16,797
37	17	97 886	14 740,141	252 581,768	17,136	16,669
38	18	97 780	13 989,714	237 841,627	17,001	16,534
39	19	97 657	13 275,236	223 851,912	16,862	16,396
40	20	97 532	12 596,853	210 576,676	16,717	16,250
41	21	97 391	11 951,252	197 979,823	16,566	16,099
42	22	97 246	11 338,192	186 028,571	16,407	15,940
43	23	97 084	10 754,716	174 690,379	16,243	15,776
44	24	96 904	10 199,310	163 935,663	16,073	15,606
45	25	96 714	9 671,515	153 736,353	15,896	15,429
46	26	96 498	9 168,593	144 064,838	15,713	15,246
47	27	96 269	8 690,529	134 896,245	15,522	15,055
48	28	96 008	8 234,711	126 205,716	15,326	14,859
49	29	95 717	7 800,219	117 971,005	15,124	14,657
50	30	95 391	7 385,901	110 170,786	14,916	14,450
51	31	95 027	6 990,721	102 784,885	14,703	14,236
52	32	94 630	6 614,259	95 794,164	14,483	14,016
53	33	94 179	6 254,350	89 179,905	14,259	13,792
54	34	93 676	5 910,639	82 925,555	14,030	13,563
55	35	93 117	5 582,322	77 014,916	13,796	13,329
56	36	92 508	5 269,137	71 432,594	13,557	13,090
57	37	91 833	4 969,780	66 163,457	13,313	12,846
58	38	91 098	4 684,120	61 193,677	13,064	12,597
59	39	90 276	4 410,321	56 509,558	12,813	12,346
60	40	89 388	4 149,094	52 099,236	12,557	12,090
61	41	88 430	3 899,900	47 950,143	12,295	11,828
62	42	87 392	3 661,857	44 050,243	12,029	11,563
63	43	86 261	3 434,156	40 388,385	11,761	11,294
64	44	85 057	3 217,319	36 954,230	11,486	11,019
65	45	83 757	3 010,119	33 736,911	11,208	10,741
66	46	82 378	2 812,891	30 726,791	10,924	10,457
67	47	80 929	2 625,557	27 913,900	10,632	10,165
68	48	79 362	2 446,292	25 288,343	10,337	9,871
69	49	77 753	2 277,148	22 842,052	10,031	9,564
70	50	76 011	2 115,078	20 564,904	9,723	9,256
71	51	74 161	1 960,681	18 449,826	9,410	8,943
72	52	72 192	1 813,427	16 489,145	9,093	8,626
73	53	70 132	1 673,798	14 675,718	8,768	8,301
74	54	67 961	1 541,084	13 001,920	8,437	7,970
75	55	65 662	1 414,670	11 460,836	8,101	7,635
76	56	63 217	1 294,059	10 046,167	7,763	7,297
77	57	60 617	1 178,947	8 752,108	7,424	6,957
78	58	57 884	1 069,641	7 573,161	7,080	6,613
79	59	54 964	965,015	6 503,520	6,739	6,273
80	60	51 839	864,750	5 538,505	6,405	5,938
81	61	48 539	769,311	4 673,756	6,075	5,608
82	62	45 056	678,487	3 904,445	5,755	5,288
83	63	41 434	592,818	3 225,958	5,442	4,975
84	64	37 671	512,089	2 633,140	5,142	4,675
85	65	33 831	436,959	2 121,051	4,854	4,387
86	66	29 952	367,558	1 684,093	4,582	4,115
87	67	26 127	304,625	1 316,535	4,322	3,855
88	68	22 433	248,506	1 011,910	4,072	3,605
89	69	18 928	199,220	763,403	3,832	3,365
90	70	15 676	156,764	564,183	3,599	3,132
91	71	12 705	120,712	407,420	3,375	2,908
92	72	9 997	90,252	286,708	3,177	2,710
93	73	7 644	65,563	196,456	2,996	2,530
94	74	5 691	46,375	130,893	2,823	2,356
95	75	4 063	31,463	84,518	2,686	2,219
96	76	2 846	20,939	53,055	2,534	2,067
97	77	1 914	13,377	32,116	2,401	1,934
98	78	1 236	8,208	18,739	2,283	1,816
99	79	767	4,839	10,532	2,177	1,710
100	80	456	2,736	5,693	2,081	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	33 904,644	630 174,026	18,587	18,120
22	1	98 946	32 100,379	596 269,381	18,575	18,108
23	2	98 878	30 478,373	564 169,002	18,510	18,044
24	3	98 821	28 941,330	533 690,629	18,440	17,974
25	4	98 761	27 481,134	504 749,299	18,367	17,900
26	5	98 705	26 095,405	477 268,165	18,289	17,823
27	6	98 651	24 780,128	451 172,760	18,207	17,740
28	7	98 592	23 530,091	426 392,633	18,121	17,654
29	8	98 537	22 343,764	402 862,542	18,030	17,563
30	9	98 474	21 215,760	380 518,778	17,936	17,469
31	10	98 411	20 144,575	359 303,017	17,836	17,369
32	11	98 337	19 125,431	339 158,442	17,733	17,267
33	12	98 261	18 157,349	320 033,011	17,626	17,159
34	13	98 184	17 238,024	301 875,663	17,512	17,045
35	14	98 096	16 363,578	284 637,639	17,395	16,928
36	15	97 999	15 531,911	268 274,060	17,272	16,806
37	16	97 900	14 742,222	252 742,149	17,144	16,677
38	17	97 794	13 991,763	237 999,928	17,010	16,543
39	18	97 677	13 277,940	224 008,165	16,871	16,404
40	19	97 551	12 599,285	210 730,225	16,726	16,259
41	20	97 409	11 953,466	198 130,940	16,575	16,108
42	21	97 262	11 340,069	186 177,474	16,418	15,951
43	22	97 101	10 756,577	174 837,405	16,254	15,787
44	23	96 925	10 201,523	164 080,828	16,084	15,617
45	24	96 730	9 673,156	153 879,304	15,908	15,441
46	25	96 516	9 170,303	144 206,149	15,725	15,259
47	26	96 287	8 692,220	135 035,845	15,535	15,068
48	27	96 029	8 236,510	126 343,625	15,339	14,873
49	28	95 741	7 802,165	118 107,115	15,138	14,671
50	29	95 416	7 387,813	110 304,950	14,931	14,464
51	30	95 056	6 992,797	102 917,137	14,718	14,251
52	31	94 661	6 616,371	95 924,340	14,498	14,031
53	32	94 212	6 256,521	89 307,969	14,274	13,808
54	33	93 709	5 912,745	83 051,448	14,046	13,579
55	34	93 154	5 584,506	77 138,704	13,813	13,346
56	35	92 545	5 271,259	71 554,198	13,574	13,108
57	36	91 876	4 972,111	66 282,939	13,331	12,864
58	37	91 140	4 686,276	61 310,828	13,083	12,616
59	38	90 329	4 412,906	56 624,552	12,832	12,365
60	39	89 441	4 151,567	52 211,646	12,576	12,110
61	40	88 491	3 902,549	48 060,079	12,315	11,848
62	41	87 459	3 664,653	44 157,531	12,050	11,583
63	42	86 332	3 437,008	40 492,878	11,781	11,315
64	43	85 133	3 220,217	37 055,870	11,507	11,040
65	44	83 842	3 013,193	33 835,653	11,229	10,762
66	45	82 470	2 816,022	30 822,460	10,945	10,479
67	46	81 032	2 628,895	28 006,438	10,653	10,187
68	47	79 476	2 449,804	25 377,543	10,359	9,892
69	48	77 877	2 280,796	22 927,739	10,053	9,586
70	49	76 148	2 118,916	20 646,943	9,744	9,277
71	50	74 308	1 964,552	18 528,027	9,431	8,964
72	51	72 352	1 817,442	16 563,475	9,114	8,647
73	52	70 305	1 677,918	14 746,033	8,788	8,321
74	53	68 148	1 545,307	13 068,115	8,457	7,990
75	54	65 860	1 418,940	11 522,808	8,121	7,654
76	55	63 427	1 298,361	10 103,868	7,782	7,315
77	56	60 837	1 183,229	8 805,507	7,442	6,975
78	57	58 116	1 073,928	7 622,278	7,098	6,631
79	58	55 208	969,290	6 548,350	6,756	6,289
80	59	52 091	868,947	5 579,060	6,420	5,954
81	60	48 802	773,480	4 710,114	6,090	5,623
82	61	45 310	682,305	3 936,633	5,770	5,303
83	62	41 687	596,442	3 254,328	5,456	4,989
84	63	37 920	515,483	2 657,886	5,156	4,689
85	64	34 080	440,166	2 142,403	4,867	4,400
86	65	30 194	370,527	1 702,237	4,594	4,127
87	66	26 357	307,310	1 331,710	4,333	3,867
88	67	22 652	250,939	1 024,401	4,082	3,615
89	68	19 123	201,276	773,462	3,843	3,376
90	69	15 853	158,535	572,186	3,609	3,142
91	70	12 861	122,201	413,651	3,385	2,918
92	71	10 133	91,477	291,450	3,186	2,719
93	72	7 756	66,522	199,974	3,006	2,539
94	73	5 780	47,104	133,452	2,833	2,366
95	74	4 134	32,011	86,348	2,697	2,231
96	75	2 902	21,346	54,337	2,546	2,079
97	76	1 957	13,675	32,991	2,412	1,946
98	77	1 267	8,414	19,316	2,296	1,829
99	78	789	4,979	10,902	2,190	1,723
100	79	472	2,829	5,924	2,094	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	32 199,033	596 545,553	18,527	18,060
23	1	98 901	30 485,417	564 346,520	18,512	18,045
24	2	98 833	28 944,777	533 861,103	18,444	17,977
25	3	98 773	27 484,408	504 916,326	18,371	17,904
26	4	98 714	26 097,778	477 431,918	18,294	17,827
27	5	98 658	24 781,986	451 334,140	18,212	17,745
28	6	98 599	23 531,640	426 552,154	18,127	17,660
29	7	98 541	22 344,866	403 020,514	18,036	17,570
30	8	98 480	21 217,074	380 675,648	17,942	17,475
31	9	98 417	20 145,879	359 458,575	17,843	17,376
32	10	98 343	19 126,564	339 312,696	17,740	17,274
33	11	98 268	18 158,701	320 186,132	17,633	17,166
34	12	98 191	17 239,388	302 027,430	17,520	17,053
35	13	98 105	16 364,981	284 788,043	17,402	16,935
36	14	98 009	15 533,541	268 423,061	17,280	16,813
37	15	97 912	14 744,066	252 889,521	17,152	16,685
38	16	97 808	13 993,737	238 145,454	17,018	16,551
39	17	97 691	13 279,884	224 151,717	16,879	16,412
40	18	97 571	12 601,852	210 871,833	16,733	16,267
41	19	97 428	11 955,774	198 269,981	16,584	16,117
42	20	97 280	11 342,169	186 314,208	16,427	15,960
43	21	97 117	10 758,358	174 972,038	16,264	15,797
44	22	96 942	10 203,289	164 213,680	16,094	15,627
45	23	96 751	9 675,255	154 010,391	15,918	15,451
46	24	96 533	9 171,858	144 335,136	15,737	15,270
47	25	96 305	8 693,841	135 163,278	15,547	15,080
48	26	96 048	8 238,113	126 469,436	15,352	14,885
49	27	95 762	7 803,870	118 231,323	15,150	14,684
50	28	95 440	7 389,656	110 427,454	14,944	14,477
51	29	95 080	6 994,608	103 037,798	14,731	14,264
52	30	94 689	6 618,336	96 043,190	14,512	14,045
53	31	94 242	6 258,519	89 424,855	14,289	13,822
54	32	93 742	5 914,797	83 166,336	14,061	13,594
55	33	93 187	5 586,495	77 251,539	13,828	13,361
56	34	92 581	5 273,321	71 665,044	13,590	13,123
57	35	91 913	4 974,113	66 391,723	13,347	12,881
58	36	91 183	4 688,475	61 417,610	13,100	12,633
59	37	90 371	4 414,938	56 729,135	12,849	12,383
60	38	89 494	4 154,000	52 314,197	12,594	12,127
61	39	88 543	3 904,875	48 160,198	12,333	11,867
62	40	87 518	3 667,142	44 255,323	12,068	11,601
63	41	86 398	3 439,632	40 588,181	11,800	11,333
64	42	85 204	3 222,891	37 148,549	11,526	11,060
65	43	83 918	3 015,907	33 925,658	11,249	10,782
66	44	82 554	2 818,897	30 909,751	10,965	10,498
67	45	81 122	2 631,822	28 090,853	10,674	10,207
68	46	79 577	2 452,918	25 459,032	10,379	9,912
69	47	77 989	2 284,071	23 006,114	10,072	9,606
70	48	76 270	2 122,311	20 722,043	9,764	9,297
71	49	74 442	1 968,117	18 599,732	9,451	8,984
72	50	72 495	1 821,030	16 631,615	9,133	8,666
73	51	70 460	1 681,632	14 810,585	8,807	8,340
74	52	68 315	1 549,111	13 128,953	8,475	8,008
75	53	66 041	1 422,829	11 579,842	8,139	7,672
76	54	63 619	1 302,281	10 157,013	7,799	7,333
77	55	61 040	1 187,162	8 854,732	7,459	6,992
78	56	58 328	1 077,828	7 667,570	7,114	6,647
79	57	55 429	973,175	6 589,742	6,771	6,305
80	58	52 322	872,796	5 616,567	6,435	5,968
81	59	49 039	777,234	4 743,770	6,103	5,637
82	60	45 555	686,003	3 966,536	5,782	5,315
83	61	41 922	599,798	3 280,533	5,469	5,003
84	62	38 152	518,634	2 680,735	5,169	4,702
85	63	34 306	443,084	2 162,100	4,880	4,413
86	64	30 416	373,247	1 719,016	4,606	4,139
87	65	26 570	309,792	1 345,770	4,344	3,877
88	66	22 852	253,150	1 035,978	4,092	3,626
89	67	19 310	203,246	782,828	3,852	3,385
90	68	16 017	160,171	579,581	3,619	3,152
91	69	13 007	123,581	419,410	3,394	2,927
92	70	10 258	92,605	295,829	3,195	2,728
93	71	7 861	67,425	203,224	3,014	2,547
94	72	5 865	47,793	135,799	2,841	2,375
95	73	4 199	32,514	88,007	2,707	2,240
96	74	2 952	21,718	55,493	2,555	2,088
97	75	1 995	13,941	33,775	2,423	1,956
98	76	1 295	8,601	19,834	2,306	1,839
99	77	809	5,103	11,233	2,201	1,734
100	78	485	2,910	6,130	2,106	1,639

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	30 579,107	564 602,554	18,464	17,997
24	1	98 856	28 951,466	534 023,447	18,445	17,979
25	2	98 785	27 487,681	505 071,981	18,374	17,908
26	3	98 726	26 100,888	477 584,300	18,298	17,831
27	4	98 667	24 784,240	451 483,412	18,217	17,750
28	5	98 606	23 533,405	426 699,172	18,132	17,665
29	6	98 548	22 346,337	403 165,767	18,042	17,575
30	7	98 485	21 218,120	380 819,431	17,948	17,481
31	8	98 423	20 147,126	359 601,311	17,849	17,382
32	9	98 350	19 127,802	339 454,185	17,747	17,280
33	10	98 274	18 159,777	320 326,383	17,639	17,173
34	11	98 199	17 240,672	302 166,606	17,526	17,060
35	12	98 112	16 366,276	284 925,934	17,409	16,943
36	13	98 017	15 534,872	268 559,658	17,288	16,821
37	14	97 922	14 745,614	253 024,785	17,159	16,693
38	15	97 820	13 995,488	238 279,172	17,025	16,559
39	16	97 705	13 281,759	224 283,684	16,887	16,420
40	17	97 585	12 603,697	211 001,925	16,741	16,274
41	18	97 448	11 958,209	198 398,228	16,591	16,124
42	19	97 299	11 344,359	186 440,019	16,435	15,968
43	20	97 135	10 760,351	175 095,660	16,272	15,806
44	21	96 958	10 204,979	164 335,310	16,103	15,637
45	22	96 768	9 676,930	154 130,331	15,928	15,461
46	23	96 554	9 173,849	144 453,402	15,746	15,279
47	24	96 322	8 695,316	135 279,553	15,558	15,091
48	25	96 066	8 239,649	126 584,237	15,363	14,896
49	26	95 781	7 805,388	118 344,588	15,162	14,695
50	27	95 461	7 391,270	110 539,199	14,955	14,489
51	28	95 104	6 996,352	103 147,929	14,743	14,276
52	29	94 713	6 620,049	96 151,577	14,524	14,058
53	30	94 270	6 260,378	89 531,528	14,301	13,835
54	31	93 772	5 916,686	83 271,150	14,074	13,607
55	32	93 219	5 588,434	77 354,464	13,842	13,375
56	33	92 614	5 275,200	71 766,030	13,604	13,138
57	34	91 949	4 976,059	66 490,830	13,362	12,895
58	35	91 220	4 690,362	61 514,771	13,115	12,648
59	36	90 413	4 417,009	56 824,409	12,865	12,398
60	37	89 535	4 155,912	52 407,400	12,610	12,144
61	38	88 595	3 907,163	48 251,488	12,349	11,883
62	39	87 570	3 669,328	44 344,325	12,085	11,618
63	40	86 457	3 441,968	40 674,997	11,817	11,351
64	41	85 269	3 225,352	37 233,029	11,544	11,077
65	42	83 988	3 018,412	34 007,678	11,267	10,800
66	43	82 628	2 821,437	30 989,266	10,984	10,517
67	44	81 205	2 634,509	28 167,829	10,692	10,225
68	45	79 665	2 455,649	25 533,320	10,398	9,931
69	46	78 088	2 286,975	23 077,672	10,091	9,624
70	47	76 380	2 125,358	20 790,697	9,782	9,315
71	48	74 562	1 971,270	18 665,339	9,469	9,002
72	49	72 627	1 824,335	16 694,069	9,151	8,684
73	50	70 599	1 684,953	14 869,734	8,825	8,358
74	51	68 467	1 552,540	13 184,781	8,492	8,026
75	52	66 203	1 426,331	11 632,242	8,155	7,689
76	53	63 793	1 305,850	10 205,911	7,816	7,349
77	54	61 224	1 190,746	8 900,061	7,474	7,008
78	55	58 521	1 081,412	7 709,315	7,129	6,662
79	56	55 630	976,710	6 627,904	6,786	6,319
80	57	52 531	876,295	5 651,194	6,449	5,982
81	58	49 256	780,678	4 774,899	6,116	5,650
82	59	45 776	689,332	3 994,221	5,794	5,328
83	60	42 149	603,049	3 304,889	5,480	5,014
84	61	38 367	521,553	2 701,840	5,180	4,714
85	62	34 515	445,793	2 180,287	4,891	4,424
86	63	30 617	375,721	1 734,494	4,616	4,150
87	64	26 765	312,066	1 358,774	4,354	3,887
88	65	23 037	255,195	1 046,708	4,102	3,635
89	66	19 481	205,038	791,513	3,860	3,394
90	67	16 174	161,739	586,476	3,626	3,159
91	68	13 141	124,857	424,737	3,402	2,935
92	69	10 374	93,651	299,880	3,202	2,735
93	70	7 958	68,256	206,229	3,021	2,555
94	71	5 944	48,441	137,972	2,848	2,381
95	72	4 261	32,989	89,531	2,714	2,247
96	73	2 999	22,059	56,542	2,563	2,096
97	74	2 029	14,184	34,483	2,431	1,964
98	75	1 320	8,768	20,299	2,315	1,848
99	76	827	5,217	11,531	2,210	1,743
100	77	498	2,983	6,313	2,116	1,649

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	29 040,442	534 260,861	18,397	17,930
25	1	98 808	27 494,034	505 220,419	18,376	17,909
26	2	98 737	26 103,996	477 726,385	18,301	17,834
27	3	98 679	24 787,193	451 622,389	18,220	17,753
28	4	98 615	23 535,545	426 835,196	18,136	17,669
29	5	98 555	22 348,013	403 299,651	18,046	17,580
30	6	98 491	21 219,517	380 951,638	17,953	17,486
31	7	98 428	20 148,119	359 732,122	17,854	17,388
32	8	98 356	19 128,986	339 584,002	17,752	17,286
33	9	98 281	18 160,952	320 455,016	17,645	17,178
34	10	98 205	17 241,694	302 294,064	17,533	17,066
35	11	98 120	16 367,495	285 052,370	17,416	16,949
36	12	98 025	15 536,102	268 684,875	17,294	16,827
37	13	97 930	14 746,878	253 148,773	17,166	16,699
38	14	97 830	13 996,957	238 401,896	17,032	16,566
39	15	97 717	13 283,420	224 404,939	16,894	16,427
40	16	97 599	12 605,476	211 121,519	16,748	16,282
41	17	97 462	11 959,960	198 516,043	16,598	16,132
42	18	97 319	11 346,670	186 556,083	16,441	15,975
43	19	97 154	10 762,428	175 209,413	16,280	15,813
44	20	96 976	10 206,869	164 446,985	16,111	15,645
45	21	96 784	9 678,532	154 240,117	15,936	15,470
46	22	96 570	9 175,437	144 561,585	15,755	15,288
47	23	96 343	8 697,203	135 386,148	15,567	15,100
48	24	96 082	8 241,047	126 688,945	15,373	14,906
49	25	95 798	7 806,844	118 447,898	15,172	14,706
50	26	95 479	7 392,709	110 641,054	14,966	14,499
51	27	95 125	6 997,881	103 248,346	14,754	14,287
52	28	94 737	6 621,700	96 250,465	14,536	14,069
53	29	94 294	6 261,998	89 628,765	14,313	13,846
54	30	93 800	5 918,443	83 366,766	14,086	13,619
55	31	93 249	5 590,219	77 448,323	13,854	13,387
56	32	92 646	5 277,031	71 858,105	13,617	13,150
57	33	91 981	4 977,832	66 581,074	13,376	12,909
58	34	91 255	4 692,198	61 603,242	13,129	12,662
59	35	90 450	4 418,787	56 911,045	12,879	12,413
60	36	89 577	4 157,862	52 492,257	12,625	12,158
61	37	88 636	3 908,962	48 334,396	12,365	11,898
62	38	87 622	3 671,478	44 425,434	12,100	11,633
63	39	86 508	3 444,020	40 753,956	11,833	11,366
64	40	85 327	3 227,542	37 309,936	11,560	11,093
65	41	84 052	3 020,716	34 082,394	11,283	10,816
66	42	82 697	2 823,780	31 061,678	11,000	10,533
67	43	81 278	2 636,882	28 237,898	10,709	10,242
68	44	79 747	2 458,156	25 601,016	10,415	9,948
69	45	78 175	2 289,520	23 142,860	10,108	9,641
70	46	76 477	2 128,060	20 853,340	9,799	9,332
71	47	74 669	1 974,100	18 725,280	9,485	9,019
72	48	72 743	1 827,258	16 751,180	9,167	8,701
73	49	70 728	1 688,010	14 923,922	8,841	8,374
74	50	68 602	1 555,605	13 235,911	8,509	8,042
75	51	66 350	1 429,488	11 680,306	8,171	7,704
76	52	63 950	1 309,064	10 250,818	7,831	7,364
77	53	61 392	1 194,009	8 941,754	7,489	7,022
78	54	58 698	1 084,676	7 747,745	7,143	6,676
79	55	55 815	979,957	6 663,068	6,799	6,333
80	56	52 722	879,477	5 683,112	6,462	5,995
81	57	49 454	783,807	4 803,634	6,129	5,662
82	58	45 979	692,386	4 019,827	5,806	5,339
83	59	42 354	605,976	3 327,441	5,491	5,024
84	60	38 575	524,380	2 721,465	5,190	4,723
85	61	34 710	448,301	2 197,085	4,901	4,434
86	62	30 804	378,018	1 748,784	4,626	4,159
87	63	26 943	314,134	1 370,767	4,364	3,897
88	64	23 206	257,068	1 056,633	4,110	3,644
89	65	19 638	206,694	799,564	3,868	3,402
90	66	16 316	163,164	592,871	3,634	3,167
91	67	13 269	126,079	429,706	3,408	2,941
92	68	10 481	94,618	303,628	3,209	2,742
93	69	8 048	69,028	209,010	3,028	2,561
94	70	6 018	49,039	139,982	2,855	2,388
95	71	4 318	33,437	90,944	2,720	2,253
96	72	3 042	22,382	57,507	2,569	2,103
97	73	2 061	14,407	35,125	2,438	1,971
98	74	1 343	8,921	20,718	2,322	1,856
99	75	843	5,319	11,797	2,218	1,751
100	76	509	3,050	6,478	2,124	1,657

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	27 578,531	505 440,612	18,327	17,861
26	1	98 760	26 110,029	477 862,082	18,302	17,835
27	2	98 691	24 790,145	451 752,053	18,223	17,756
28	3	98 627	23 538,349	426 961,908	18,139	17,672
29	4	98 564	22 350,045	403 423,558	18,050	17,583
30	5	98 499	21 221,108	381 073,513	17,957	17,490
31	6	98 435	20 149,446	359 852,405	17,859	17,392
32	7	98 360	19 129,929	339 702,960	17,758	17,291
33	8	98 287	18 162,077	320 573,030	17,651	17,184
34	9	98 211	17 242,809	302 410,954	17,538	17,072
35	10	98 125	16 368,465	285 168,144	17,422	16,955
36	11	98 033	15 537,259	268 799,679	17,300	16,834
37	12	97 938	14 748,044	253 262,420	17,173	16,706
38	13	97 839	13 998,157	238 514,376	17,039	16,572
39	14	97 728	13 284,814	224 516,219	16,900	16,433
40	15	97 611	12 607,053	211 231,405	16,755	16,288
41	16	97 476	11 961,648	198 624,352	16,605	16,138
42	17	97 333	11 348,331	186 662,704	16,448	15,982
43	18	97 174	10 764,620	175 314,373	16,286	15,819
44	19	96 995	10 208,839	164 549,753	16,118	15,652
45	20	96 802	9 680,324	154 340,914	15,944	15,477
46	21	96 586	9 176,956	144 660,589	15,763	15,297
47	22	96 359	8 698,708	135 483,633	15,575	15,108
48	23	96 103	8 242,835	126 784,925	15,381	14,914
49	24	95 815	7 808,168	118 542,090	15,182	14,715
50	25	95 497	7 394,087	110 733,922	14,976	14,509
51	26	95 143	6 999,243	103 339,834	14,764	14,298
52	27	94 758	6 623,147	96 340,592	14,546	14,079
53	28	94 318	6 263,560	89 717,445	14,324	13,857
54	29	93 824	5 919,975	83 453,884	14,097	13,630
55	30	93 277	5 591,879	77 533,909	13,865	13,399
56	31	92 676	5 278,716	71 942,030	13,629	13,162
57	32	92 013	4 979,560	66 663,314	13,387	12,921
58	33	91 288	4 693,869	61 683,754	13,141	12,675
59	34	90 485	4 420,516	56 989,886	12,892	12,425
60	35	89 613	4 159,536	52 569,370	12,638	12,171
61	36	88 678	3 910,796	48 409,834	12,379	11,912
62	37	87 662	3 673,168	44 499,038	12,115	11,648
63	38	86 559	3 446,038	40 825,870	11,847	11,380
64	39	85 378	3 229,466	37 379,832	11,575	11,108
65	40	84 109	3 022,768	34 150,366	11,298	10,831
66	41	82 760	2 825,936	31 127,598	11,015	10,548
67	42	81 345	2 639,072	28 301,663	10,724	10,257
68	43	79 819	2 460,370	25 662,591	10,430	9,964
69	44	78 255	2 291,858	23 202,221	10,124	9,657
70	45	76 562	2 130,429	20 910,363	9,815	9,348
71	46	74 764	1 976,610	18 779,934	9,501	9,034
72	47	72 847	1 829,881	16 803,324	9,183	8,716
73	48	70 841	1 690,715	14 973,443	8,856	8,389
74	49	68 726	1 558,428	13 282,728	8,523	8,056
75	50	66 481	1 432,311	11 724,300	8,186	7,719
76	51	64 092	1 311,962	10 291,989	7,845	7,378
77	52	61 543	1 196,948	8 980,027	7,502	7,036
78	53	58 859	1 087,649	7 783,079	7,156	6,689
79	54	55 984	982,915	6 695,430	6,812	6,345
80	55	52 897	882,401	5 712,515	6,474	6,007
81	56	49 633	786,654	4 830,114	6,140	5,673
82	57	46 163	695,162	4 043,460	5,817	5,350
83	58	42 541	608,661	3 348,299	5,501	5,034
84	59	38 762	526,925	2 739,638	5,199	4,733
85	60	34 898	450,731	2 212,713	4,909	4,442
86	61	30 978	380,145	1 761,982	4,635	4,168
87	62	27 107	316,055	1 381,838	4,372	3,905
88	63	23 359	258,772	1 065,783	4,119	3,652
89	64	19 782	208,211	807,011	3,876	3,409
90	65	16 448	164,482	598,800	3,641	3,174
91	66	13 386	127,190	434,318	3,415	2,948
92	67	10 584	95,544	307,128	3,215	2,748
93	68	8 131	69,740	211,584	3,034	2,567
94	69	6 085	49,593	141,844	2,860	2,393
95	70	4 372	33,849	92,251	2,725	2,259
96	71	3 084	22,685	58,402	2,574	2,108
97	72	2 091	14,617	35,717	2,443	1,977
98	73	1 364	9,061	21,099	2,328	1,862
99	74	858	5,411	12,038	2,225	1,758
100	75	519	3,109	6,627	2,131	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 853 973,644	18,540	18,073
1	1	99 340	94 161,177	1 753 973,644	18,627	18,160
2	2	99 290	89 207,371	1 659 812,467	18,606	18,139
3	3	99 263	84 533,494	1 570 605,096	18,580	18,112
4	4	99 238	80 106,674	1 486 071,602	18,551	18,084
5	5	99 218	75 914,786	1 405 964,929	18,520	18,053
6	6	99 201	71 944,967	1 330 050,142	18,487	18,020
7	7	99 184	68 182,720	1 258 105,176	18,452	17,985
8	8	99 171	64 619,544	1 189 922,455	18,414	17,947
9	9	99 157	61 241,971	1 125 302,911	18,375	17,908
10	10	99 142	58 040,838	1 064 060,940	18,333	17,866
11	11	99 129	55 007,521	1 006 020,103	18,289	17,822
12	12	99 112	52 131,291	951 012,581	18,243	17,775
13	13	99 097	49 405,765	898 881,290	18,194	17,727
14	14	99 079	46 821,617	849 475,525	18,143	17,676
15	15	99 056	44 370,663	802 653,908	18,090	17,623
16	16	99 029	42 045,918	758 283,245	18,035	17,567
17	17	98 990	39 838,064	716 237,326	17,979	17,512
18	18	98 946	37 744,599	676 399,262	17,920	17,453
19	19	98 888	35 755,873	638 654,664	17,862	17,394
20	20	98 828	33 871,132	602 898,790	17,800	17,333
21	21	98 765	32 084,925	569 027,659	17,735	17,268
22	22	98 704	30 393,618	536 942,734	17,666	17,199
23	23	98 643	28 791,140	506 549,116	17,594	17,127
24	24	98 576	27 271,729	477 757,976	17,518	17,051
25	25	98 512	25 833,103	450 486,247	17,438	16,971
26	26	98 446	24 470,009	424 653,144	17,354	16,887
27	27	98 380	23 178,820	400 183,135	17,265	16,798
28	28	98 307	21 954,056	377 004,314	17,172	16,705
29	29	98 232	20 793,626	355 050,259	17,075	16,608
30	30	98 150	19 693,215	334 256,633	16,973	16,506
31	31	98 064	18 650,260	314 563,418	16,866	16,399
32	32	97 966	17 660,165	295 913,158	16,756	16,289
33	33	97 863	16 721,961	278 252,993	16,640	16,173
34	34	97 759	15 833,306	261 531,033	16,518	16,051
35	35	97 642	14 989,922	245 697,727	16,391	15,924
36	36	97 516	14 190,130	230 707,805	16,258	15,791
37	37	97 384	13 432,125	216 517,675	16,119	15,652
38	38	97 248	12 714,089	203 085,549	15,973	15,506
39	39	97 089	12 031,571	190 371,461	15,823	15,355
40	40	96 925	11 385,100	178 339,890	15,664	15,197
41	41	96 737	10 770,687	166 954,790	15,501	15,034
42	42	96 536	10 187,882	156 184,103	15,330	14,863
43	43	96 312	9 634,370	145 996,221	15,154	14,687
44	44	96 067	9 108,944	136 361,852	14,970	14,503
45	45	95 797	8 609,776	127 252,907	14,780	14,313
46	46	95 495	8 135,186	118 643,132	14,584	14,117
47	47	95 165	7 684,460	110 507,946	14,381	13,914
48	48	94 793	7 255,327	102 823,486	14,172	13,705
49	49	94 378	6 846,966	95 568,159	13,958	13,491
50	50	93 910	6 457,873	88 721,193	13,738	13,271
51	51	93 395	6 087,653	82 263,321	13,513	13,046
52	52	92 829	5 735,312	76 175,668	13,282	12,815
53	53	92 192	5 398,969	70 440,356	13,047	12,580
54	54	91 481	5 078,071	65 041,387	12,808	12,341
55	55	90 697	4 772,102	59 963,316	12,565	12,098
56	56	89 841	4 480,613	55 191,214	12,318	11,851
57	57	88 905	4 202,753	50 710,601	12,066	11,599
58	58	87 882	3 937,830	46 507,848	11,811	11,343
59	59	86 756	3 684,712	42 570,018	11,553	11,086
60	60	85 538	3 443,597	38 885,306	11,292	10,825
61	61	84 223	3 213,878	35 441,709	11,028	10,561
62	62	82 831	2 995,999	32 227,831	10,757	10,290
63	63	81 330	2 788,325	29 231,832	10,484	10,016
64	64	79 738	2 591,249	26 443,507	10,205	9,738
65	65	78 027	2 403,450	23 852,259	9,924	9,457
66	66	76 212	2 225,171	21 448,808	9,639	9,172
67	67	74 312	2 056,568	19 223,637	9,347	8,880
68	68	72 270	1 895,796	17 167,069	9,055	8,588
69	69	70 194	1 745,342	15 271,273	8,750	8,283
70	70	67 978	1 602,114	13 525,931	8,443	7,975
71	71	65 645	1 466,481	11 923,817	8,131	7,664
72	72	63 186	1 337,966	10 457,335	7,816	7,349
73	73	60 647	1 217,256	9 119,369	7,492	7,025
74	74	58 019	1 103,790	7 902,113	7,159	6,692
75	75	55 263	996,552	6 798,323	6,822	6,355
76	76	52 364	895,054	5 801,771	6,482	6,015
77	77	49 293	798,637	4 906,718	6,144	5,677
78	78	46 104	708,025	4 108,081	5,802	5,335
79	79	42 737	622,093	3 400,056	5,466	4,998
80	80	39 169	540,437	2 777,963	5,140	4,673
81	81	35 458	463,729	2 237,525	4,825	4,358
82	82	31 640	392,230	1 773,796	4,522	4,055
83	83	27 801	326,666	1 381,566	4,229	3,762
84	84	23 966	266,919	1 054,900	3,952	3,485
85	85	20 224	213,501	787,980	3,691	3,224
86	86	16 656	166,666	574,479	3,447	2,980
87	87	13 353	126,657	407,814	3,220	2,753
88	88	10 406	93,555	281,157	3,005	2,538
89	89	7 852	66,915	187,601	2,804	2,336
90	90	5 716	46,168	120,687	2,614	2,147
91	91	3 996	30,592	74,518	2,436	1,969
92	92	2 654	19,258	43,926	2,281	1,814
93	93	1 672	11,505	24,668	2,144	1,677
94	94	1 000	6,521	13,163	2,019	1,551
95	95	556	3,435	6,642	1,934	1,467
96	96	298	1,746	3,207	1,837	1,370
97	97	150	0,831	1,462	1,759	1,292
98	98	72	0,377	0,631	1,673	1,206
99	99	32	0,159	0,254	1,600	1,133
100	100	13	0,062	0,095	1,536	1,069

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 852 607,900	18,583	18,116	50	51	93 725	6 445,146	88 000,094	13,654	13,187
1	2	99 317	94 139,420	1 752 914,286	18,620	18,153	51	52	93 189	6 074,207	81 554,948	13,426	12,959
2	3	99 278	89 196,748	1 658 774,866	18,597	18,130	52	53	92 601	5 721,230	75 480,741	13,193	12,726
3	4	99 251	84 523,423	1 569 578,118	18,570	18,103	53	54	91 940	5 384,212	69 759,511	12,956	12,489
4	5	99 229	80 099,390	1 485 054,695	18,540	18,073	54	55	91 206	5 062,788	64 375,298	12,715	12,248
5	6	99 210	75 909,093	1 404 955,306	18,508	18,041	55	56	90 397	4 756,290	59 312,510	12,470	12,003
6	7	99 194	71 940,231	1 329 046,213	18,474	18,007	56	57	89 516	4 464,398	54 556,221	12,220	11,753
7	8	99 179	68 179,359	1 257 105,982	18,438	17,971	57	58	88 550	4 185,975	50 091,822	11,967	11,499
8	9	99 165	64 615,543	1 188 926,622	18,400	17,933	58	59	87 494	3 920,462	45 905,848	11,709	11,242
9	10	99 150	61 238,008	1 124 311,079	18,360	17,893	59	60	86 337	3 666,915	41 985,386	11,450	10,983
10	11	99 136	58 037,399	1 063 073,071	18,317	17,850	60	61	85 077	3 425,032	38 318,471	11,188	10,721
11	12	99 121	55 003,424	1 005 035,672	18,272	17,805	61	62	83 752	3 195,896	34 893,438	10,918	10,451
12	13	99 105	52 127,167	950 032,248	18,225	17,758	62	63	82 328	2 977,793	31 697,542	10,645	10,177
13	14	99 088	49 401,530	897 905,081	18,176	17,708	63	64	80 794	2 769,965	28 719,749	10,368	9,901
14	15	99 068	46 816,704	848 503,551	18,124	17,657	64	65	79 157	2 572,365	25 949,784	10,088	9,621
15	16	99 044	44 365,112	801 686,847	18,070	17,603	65	66	77 402	2 384,193	23 377,419	9,805	9,338
16	17	99 015	42 039,986	757 321,735	18,014	17,547	66	67	75 547	2 205,733	20 993,225	9,518	9,050
17	18	98 975	39 832,231	715 281,750	17,957	17,490	67	68	73 591	2 036,631	18 787,492	9,225	8,758
18	19	98 926	37 736,912	675 449,519	17,899	17,432	68	69	71 532	1 876,431	16 750,861	8,927	8,460
19	20	98 869	35 748,971	637 712,606	17,839	17,371	69	70	69 410	1 725,843	14 874,430	8,619	8,151
20	21	98 809	33 864,860	601 963,635	17,775	17,308	70	71	67 149	1 582,595	13 148,587	8,308	7,841
21	22	98 749	32 079,613	568 098,775	17,709	17,242	71	72	64 766	1 446,844	11 565,992	7,994	7,527
22	23	98 687	30 388,358	536 019,162	17,639	17,172	72	73	62 276	1 318,687	10 119,148	7,674	7,206
23	24	98 621	28 784,893	505 630,804	17,566	17,099	73	74	59 708	1 198,409	8 800,461	7,343	6,876
24	25	98 559	27 267,105	476 845,911	17,488	17,021	74	75	57 026	1 084,906	7 602,051	7,007	6,540
25	26	98 493	25 828,286	449 578,806	17,406	16,939	75	76	54 209	977,550	6 517,145	6,667	6,200
26	27	98 427	24 465,248	423 750,520	17,321	16,853	76	77	51 221	875,518	5 539,595	6,327	5,860
27	28	98 359	23 173,757	399 285,272	17,230	16,763	77	78	48 088	779,109	4 664,077	5,986	5,519
28	29	98 282	21 948,580	376 111,515	17,136	16,669	78	79	44 809	688,129	3 884,969	5,646	5,179
29	30	98 206	20 788,245	354 162,934	17,037	16,570	79	80	41 330	601,612	3 196,839	5,314	4,847
30	31	98 121	19 687,367	333 374,689	16,933	16,466	80	81	37 665	519,680	2 595,227	4,994	4,527
31	32	98 033	18 644,307	313 687,323	16,825	16,358	81	82	33 896	443,296	2 075,547	4,682	4,215
32	33	97 932	17 654,036	295 043,015	16,712	16,245	82	83	30 048	372,484	1 632,251	4,382	3,915
33	34	97 828	16 716,007	277 388,979	16,594	16,127	83	84	26 186	307,693	1 259,766	4,094	3,627
34	35	97 720	15 827,113	260 672,972	16,470	16,003	84	85	22 355	248,977	952,073	3,824	3,357
35	36	97 602	14 983,889	244 845,859	16,341	15,873	85	86	18 662	197,014	703,097	3,569	3,102
36	37	97 470	14 183,477	229 861,970	16,206	15,739	86	87	15 175	151,848	506,082	3,333	2,866
37	38	97 339	13 425,944	215 678,494	16,064	15,597	87	88	12 002	113,840	354,235	3,112	2,644
38	39	97 191	12 706,643	202 252,550	15,917	15,450	88	89	9 211	82,813	240,394	2,903	2,436
39	40	97 031	12 024,404	189 545,907	15,763	15,296	89	90	6 824	58,154	157,581	2,710	2,243
40	41	96 859	11 377,373	177 521,504	15,603	15,136	90	91	4 870	39,338	99,427	2,527	2,060
41	42	96 664	10 762,470	166 144,131	15,437	14,970	91	92	3 327	25,473	60,088	2,359	1,892
42	43	96 455	10 179,428	155 381,661	15,264	14,797	92	93	2 156	15,646	34,615	2,212	1,745
43	44	96 225	9 625,700	145 202,233	15,085	14,618	93	94	1 323	9,098	18,969	2,085	1,618
44	45	95 969	9 099,653	135 576,533	14,899	14,432	94	95	765	4,987	9,871	1,979	1,512
45	46	95 691	8 600,202	126 476,881	14,706	14,239	95	96	417	2,579	4,884	1,893	1,426
46	47	95 374	8 124,856	117 876,678	14,508	14,041	96	97	218	1,275	2,304	1,807	1,340
47	48	95 029	7 673,444	109 751,822	14,303	13,836	97	98	108	0,601	1,029	1,713	1,246
48	49	94 641	7 243,721	102 078,378	14,092	13,625	98	99	50	0,262	0,428	1,635	1,167
49	50	94 207	6 834,563	94 834,657	13,876	13,409	99	100	21	0,106	0,166	1,566	1,099

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 851 457,638	18,576	18,109
1	3	99 305	94 128,210	1 751 787,059	18,611	18,143
2	4	99 266	89 186,121	1 657 658,849	18,587	18,119
3	5	99 242	84 515,737	1 568 472,728	18,558	18,091
4	6	99 222	80 093,383	1 483 956,990	18,528	18,061
5	7	99 204	75 904,096	1 403 863,608	18,495	18,028
6	8	99 189	71 936,684	1 327 959,512	18,460	17,993
7	9	99 173	68 175,138	1 256 022,827	18,423	17,956
8	10	99 158	64 611,362	1 187 847,689	18,385	17,917
9	11	99 144	61 234,380	1 123 236,327	18,343	17,876
10	12	99 129	58 033,076	1 062 001,947	18,300	17,833
11	13	99 113	54 999,073	1 003 968,871	18,254	17,787
12	14	99 096	52 122,699	948 969,799	18,206	17,739
13	15	99 078	49 396,346	896 847,100	18,156	17,689
14	16	99 056	46 810,847	847 450,754	18,104	17,637
15	17	99 030	44 358,852	800 639,907	18,049	17,582
16	18	99 001	42 033,830	756 281,055	17,992	17,525
17	19	98 955	39 824,120	714 247,225	17,935	17,468
18	20	98 907	37 729,628	674 423,105	17,875	17,408
19	21	98 851	35 742,352	636 693,477	17,813	17,346
20	22	98 793	33 859,253	600 951,125	17,749	17,281
21	23	98 731	32 074,062	567 091,872	17,681	17,214
22	24	98 666	30 381,765	535 017,810	17,610	17,143
23	25	98 605	28 780,012	504 636,046	17,534	17,067
24	26	98 541	27 262,021	475 856,034	17,455	16,988
25	27	98 474	25 823,261	448 594,014	17,372	16,905
26	28	98 405	24 459,904	422 770,753	17,284	16,817
27	29	98 334	23 167,978	398 310,849	17,192	16,725
28	30	98 257	21 942,901	375 142,871	17,096	16,629
29	31	98 177	20 782,072	353 199,970	16,995	16,528
30	32	98 090	19 681,083	332 417,898	16,890	16,423
31	33	97 999	18 637,837	312 736,816	16,780	16,312
32	34	97 897	17 647,750	294 098,979	16,665	16,198
33	35	97 790	16 709,469	276 451,229	16,545	16,077
34	36	97 681	15 820,743	259 741,759	16,418	15,951
35	37	97 557	14 976,864	243 921,017	16,287	15,819
36	38	97 425	14 176,949	228 944,153	16,149	15,682
37	39	97 282	13 418,081	214 767,203	16,006	15,539
38	40	97 133	12 699,073	201 349,123	15,855	15,388
39	41	96 965	12 016,243	188 650,050	15,700	15,232
40	42	96 785	11 368,693	176 633,807	15,537	15,070
41	43	96 583	10 753,540	165 265,114	15,368	14,901
42	44	96 369	10 170,267	154 511,574	15,192	14,725
43	45	96 127	9 615,881	144 341,307	15,011	14,544
44	46	95 863	9 089,534	134 725,426	14,822	14,355
45	47	95 569	8 589,282	125 635,892	14,627	14,160
46	48	95 237	8 113,209	117 046,610	14,427	13,959
47	49	94 877	7 661,170	108 933,401	14,219	13,752
48	50	94 470	7 230,600	101 272,231	14,006	13,539
49	51	94 021	6 821,094	94 041,631	13,787	13,320
50	52	93 518	6 430,910	87 220,537	13,563	13,096
51	53	92 960	6 059,293	80 789,627	13,333	12,866
52	54	92 348	5 705,593	74 730,334	13,098	12,631
53	55	91 663	5 368,008	69 024,741	12,859	12,391
54	56	90 904	5 046,013	63 656,733	12,615	12,148
55	57	90 070	4 739,077	58 610,720	12,368	11,900
56	58	89 159	4 446,575	53 871,642	12,115	11,648
57	59	88 159	4 167,512	49 425,067	11,860	11,392
58	60	87 072	3 901,526	45 257,555	11,600	11,133
59	61	85 871	3 647,147	41 356,029	11,339	10,872
60	62	84 601	3 405,869	37 708,882	11,072	10,605
61	63	83 243	3 176,476	34 303,014	10,799	10,332
62	64	81 786	2 958,186	31 126,538	10,522	10,055
63	65	80 205	2 749,779	28 168,351	10,244	9,777
64	66	78 523	2 551,755	25 418,572	9,961	9,494
65	67	76 726	2 363,366	22 866,817	9,676	9,208
66	68	74 814	2 184,350	20 503,450	9,387	8,919
67	69	72 840	2 015,827	18 319,100	9,088	8,620
68	70	70 733	1 855,467	16 303,273	8,787	8,319
69	71	68 564	1 704,816	14 447,806	8,475	8,008
70	72	66 250	1 561,403	12 742,990	8,161	7,694
71	73	63 833	1 425,996	11 181,587	7,841	7,374
72	74	61 312	1 298,270	9 755,590	7,514	7,047
73	75	58 687	1 177,907	8 457,320	7,180	6,713
74	76	55 939	1 064,220	7 279,414	6,840	6,373
75	77	53 026	956,214	6 215,194	6,500	6,033
76	78	49 969	854,110	5 258,980	6,157	5,690
77	79	46 737	757,215	4 404,870	5,817	5,350
78	80	43 333	665,474	3 647,655	5,481	5,014
79	81	39 742	578,505	2 982,181	5,155	4,688
80	82	36 005	496,782	2 403,675	4,838	4,371
81	83	32 189	420,980	1 906,894	4,530	4,062
82	84	28 302	350,850	1 485,914	4,235	3,768
83	85	24 426	287,010	1 135,064	3,955	3,488
84	86	20 628	229,750	848,054	3,691	3,224
85	87	17 003	179,498	618,304	3,445	2,977
86	88	13 639	136,482	438,806	3,215	2,748
87	89	10 624	100,769	302,323	3,000	2,533
88	90	8 005	71,971	201,555	2,800	2,333
89	91	5 815	49,551	129,584	2,615	2,148
90	92	4 055	32,756	80,032	2,443	1,976
91	93	2 703	20,695	47,277	2,284	1,817
92	94	1 705	12,373	26,581	2,148	1,681
93	95	1 012	6,959	14,208	2,042	1,575
94	96	574	3,745	7,250	1,936	1,468
95	97	305	1,884	3,504	1,860	1,393
96	98	157	0,922	1,620	1,757	1,290
97	99	75	0,418	0,698	1,672	1,204
98	100	33	0,175	0,280	1,599	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 850 234,469	18,566	18,099
1	4	99 293	94 116,996	1 750 575,759	18,600	18,133
2	5	99 257	89 178,012	1 656 458,763	18,575	18,108
3	6	99 234	84 509,399	1 567 280,751	18,546	18,078
4	7	99 215	80 088,110	1 482 771,352	18,514	18,047
5	8	99 199	75 900,355	1 402 683,242	18,481	18,013
6	9	99 183	71 932,231	1 326 782,888	18,445	17,978
7	10	99 167	68 170,727	1 254 850,657	18,407	17,940
8	11	99 152	64 607,534	1 186 679,930	18,368	17,900
9	12	99 137	61 229,819	1 122 072,396	18,326	17,858
10	13	99 121	58 028,484	1 060 842,578	18,281	17,814
11	14	99 105	54 994,358	1 002 814,093	18,235	17,768
12	15	99 086	52 117,229	947 819,735	18,186	17,719
13	16	99 066	49 390,167	895 702,506	18,135	17,668
14	17	99 042	46 804,242	846 312,339	18,082	17,615
15	18	99 016	44 352,357	799 508,098	18,026	17,559
16	19	98 981	42 025,270	755 155,741	17,969	17,502
17	20	98 936	39 816,433	713 130,470	17,910	17,443
18	21	98 889	37 722,642	673 314,038	17,849	17,382
19	22	98 834	35 736,434	635 591,396	17,786	17,318
20	23	98 776	33 853,394	599 854,961	17,719	17,252
21	24	98 710	32 067,102	566 001,567	17,651	17,183
22	25	98 649	30 376,613	533 934,465	17,577	17,110
23	26	98 586	28 774,645	503 557,852	17,500	17,033
24	27	98 522	27 256,716	474 783,207	17,419	16,952
25	28	98 453	25 817,620	447 526,491	17,334	16,867
26	29	98 381	24 453,804	421 708,871	17,245	16,778
27	30	98 309	23 161,983	397 255,067	17,151	16,684
28	31	98 228	21 936,385	374 093,084	17,054	16,586
29	32	98 146	20 775,438	352 156,699	16,951	16,483
30	33	98 056	19 674,253	331 381,261	16,843	16,376
31	34	97 964	18 631,201	311 707,008	16,730	16,263
32	35	97 858	17 640,848	293 075,807	16,613	16,146
33	36	97 750	16 702,744	275 434,960	16,490	16,023
34	37	97 635	15 813,325	258 732,216	16,362	15,894
35	38	97 512	14 969,971	242 918,891	16,227	15,760
36	39	97 368	14 168,646	227 948,919	16,088	15,621
37	40	97 224	13 410,087	213 780,273	15,942	15,475
38	41	97 067	12 690,454	200 370,186	15,789	15,322
39	42	96 891	12 007,076	187 679,731	15,631	15,164
40	43	96 705	11 359,259	175 672,655	15,465	14,998
41	44	96 496	10 743,862	164 313,396	15,294	14,827
42	45	96 270	10 159,893	153 569,534	15,115	14,648
43	46	96 020	9 605,189	143 409,641	14,930	14,463
44	47	95 741	9 077,993	133 804,452	14,739	14,272
45	48	95 432	8 576,969	124 726,459	14,542	14,075
46	49	95 085	8 100,231	116 149,490	14,339	13,872
47	50	94 705	7 647,292	108 049,259	14,129	13,662
48	51	94 283	7 216,351	100 401,967	13,913	13,446
49	52	93 813	6 806,028	93 185,616	13,692	13,224
50	53	93 288	6 415,120	86 379,588	13,465	12,998
51	54	92 706	6 042,732	79 964,468	13,233	12,766
52	55	92 070	5 688,421	73 921,736	12,995	12,528
53	56	91 359	5 350,222	68 233,314	12,753	12,286
54	57	90 575	5 027,752	62 883,093	12,507	12,040
55	58	89 710	4 720,158	57 855,341	12,257	11,790
56	59	88 765	4 426,963	53 135,183	12,003	11,535
57	60	87 733	4 147,383	48 708,220	11,744	11,277
58	61	86 602	3 880,493	44 560,837	11,483	11,016
59	62	85 391	3 626,740	40 680,344	11,217	10,750
60	63	84 087	3 385,173	37 053,603	10,946	10,479
61	64	82 694	3 155,561	33 668,431	10,670	10,202
62	65	81 190	2 936,629	30 512,870	10,390	9,923
63	66	79 563	2 727,748	27 576,241	10,110	9,642
64	67	77 837	2 529,464	24 848,494	9,824	9,356
65	68	75 982	2 340,455	22 319,029	9,536	9,069
66	69	74 050	2 162,037	19 978,574	9,241	8,773
67	70	72 026	1 993,306	17 816,537	8,938	8,471
68	71	69 871	1 832,861	15 823,231	8,633	8,166
69	72	67 646	1 681,988	13 990,370	8,318	7,851
70	73	65 296	1 538,904	12 308,382	7,998	7,531
71	74	62 844	1 403,918	10 769,477	7,671	7,204
72	75	60 263	1 276,059	9 365,559	7,339	6,872
73	76	57 568	1 155,447	8 089,500	7,001	6,534
74	77	54 718	1 040,992	6 934,054	6,661	6,194
75	78	51 729	932,832	5 893,062	6,317	5,850
76	79	48 565	830,109	4 960,229	5,975	5,508
77	80	45 198	732,285	4 130,120	5,640	5,173
78	81	41 669	639,914	3 397,834	5,310	4,843
79	82	37 991	553,015	2 757,920	4,987	4,520
80	83	34 192	471,773	2 204,905	4,674	4,206
81	84	30 320	396,529	1 733,132	4,371	3,904
82	85	26 400	327,265	1 336,603	4,084	3,617
83	86	22 540	264,846	1 009,338	3,811	3,344
84	87	18 794	209,324	744,492	3,557	3,089
85	88	15 282	161,335	535,168	3,317	2,850
86	89	12 073	120,811	373,833	3,094	2,627
87	90	9 233	87,576	253,022	2,889	2,422
88	91	6 821	61,324	165,446	2,698	2,231
89	92	4 842	41,260	104,122	2,524	2,056
90	93	3 295	26,612	62,863	2,362	1,895
91	94	2 138	16,366	36,251	2,215	1,748
92	95	1 304	9,463	19,885	2,101	1,634
93	96	760	5,226	10,421	1,994	1,527
94	97	420	2,736	5,196	1,899	1,432
95	98	220	1,362	2,460	1,806	1,339
96	99	109	0,641	1,098	1,712	1,245
97	100	50	0,280	0,457	1,633	1,166

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 848 921,400	18,555	18,088
1	5	99 284	94 108,438	1 749 274,563	18,588	18,121
2	6	99 250	89 171,324	1 655 166,125	18,562	18,094
3	7	99 228	84 503,836	1 565 994,801	18,532	18,064
4	8	99 210	80 084,162	1 481 490,965	18,499	18,032
5	9	99 193	75 895,655	1 401 406,803	18,465	17,998
6	10	99 177	71 927,576	1 325 511,147	18,428	17,961
7	11	99 161	68 166,688	1 253 583,571	18,390	17,923
8	12	99 145	64 602,721	1 185 416,884	18,349	17,882
9	13	99 129	61 224,974	1 120 814,162	18,306	17,839
10	14	99 113	58 023,510	1 059 589,188	18,261	17,794
11	15	99 095	54 988,587	1 001 565,678	18,214	17,747
12	16	99 073	52 110,709	946 577,090	18,165	17,698
13	17	99 052	49 383,198	894 466,381	18,113	17,646
14	18	99 028	46 797,389	845 083,184	18,058	17,591
15	19	98 995	44 343,325	798 285,795	18,002	17,535
16	20	98 961	42 017,158	753 942,470	17,944	17,476
17	21	98 918	39 809,060	711 925,311	17,883	17,416
18	22	98 872	37 716,397	672 116,252	17,820	17,353
19	23	98 817	35 730,250	634 399,855	17,755	17,288
20	24	98 755	33 846,048	598 669,605	17,688	17,221
21	25	98 693	32 061,664	564 823,556	17,617	17,150
22	26	98 631	30 370,949	532 761,892	17,542	17,075
23	27	98 567	28 769,047	502 390,943	17,463	16,996
24	28	98 500	27 250,762	473 621,896	17,380	16,913
25	29	98 428	25 811,182	446 371,134	17,294	16,827
26	30	98 355	24 447,475	420 559,952	17,203	16,735
27	31	98 280	23 155,105	396 112,477	17,107	16,640
28	32	98 196	21 929,383	372 957,372	17,007	16,540
29	33	98 112	20 768,228	351 027,989	16,902	16,435
30	34	98 021	19 667,248	330 259,761	16,792	16,325
31	35	97 926	18 623,914	310 592,513	16,677	16,210
32	36	97 819	17 633,748	291 968,599	16,557	16,090
33	37	97 705	16 694,913	274 334,851	16,432	15,965
34	38	97 590	15 806,048	257 639,938	16,300	15,833
35	39	97 455	14 961,204	241 833,891	16,164	15,697
36	40	97 310	14 160,206	226 872,687	16,022	15,555
37	41	97 158	13 400,986	212 712,481	15,873	15,406
38	42	96 993	12 680,773	199 311,495	15,718	15,250
39	43	96 811	11 997,112	186 630,721	15,556	15,089
40	44	96 618	11 349,037	174 633,609	15,388	14,920
41	45	96 398	10 732,903	163 284,572	15,213	14,746
42	46	96 163	10 148,596	152 551,669	15,032	14,565
43	47	95 898	9 592,993	142 403,074	14,844	14,377
44	48	95 604	9 064,979	132 810,081	14,651	14,184
45	49	95 279	8 563,250	123 745,102	14,451	13,984
46	50	94 912	8 085,558	115 181,852	14,245	13,778
47	51	94 518	7 632,222	107 096,294	14,032	13,565
48	52	94 075	7 200,411	99 464,073	13,814	13,346
49	53	93 583	6 789,317	92 263,661	13,590	13,122
50	54	93 033	6 397,587	85 474,344	13,360	12,893
51	55	92 427	6 024,545	79 076,757	13,126	12,659
52	56	91 765	5 669,574	73 052,212	12,885	12,418
53	57	91 029	5 330,860	67 382,638	12,640	12,173
54	58	90 213	5 007,680	62 051,778	12,391	11,924
55	59	89 315	4 699,339	57 044,098	12,139	11,672
56	60	88 337	4 405,581	52 344,759	11,881	11,414
57	61	87 260	4 125,024	47 939,178	11,622	11,154
58	62	86 118	3 858,781	43 814,154	11,354	10,887
59	63	84 872	3 604,702	39 955,373	11,084	10,617
60	64	83 533	3 362,883	36 350,671	10,809	10,342
61	65	82 092	3 132,565	32 987,787	10,531	10,063
62	66	80 539	2 913,100	29 855,223	10,249	9,781
63	67	78 868	2 703,920	26 942,122	9,964	9,497
64	68	77 082	2 504,943	24 238,203	9,676	9,209
65	69	75 206	2 316,548	21 733,260	9,382	8,915
66	70	73 223	2 137,883	19 416,712	9,082	8,615
67	71	71 148	1 969,020	17 278,829	8,775	8,308
68	72	68 935	1 808,319	15 309,809	8,466	7,999
69	73	66 671	1 657,752	13 501,490	8,144	7,677
70	74	64 285	1 515,078	11 843,739	7,817	7,350
71	75	61 769	1 379,899	10 328,661	7,485	7,018
72	76	59 114	1 251,728	8 948,762	7,149	6,682
73	77	56 311	1 130,228	7 697,034	6,810	6,343
74	78	53 380	1 015,538	6 566,806	6,466	5,999
75	79	50 276	906,620	5 551,268	6,123	5,656
76	80	46 966	802,779	4 644,649	5,786	5,319
77	81	43 462	704,160	3 841,869	5,456	4,989
78	82	39 833	611,718	3 137,710	5,129	4,662
79	83	36 079	525,175	2 525,991	4,810	4,343
80	84	32 206	444,371	2 000,816	4,503	4,035
81	85	28 282	369,874	1 556,445	4,208	3,741
82	86	24 361	301,993	1 186,571	3,929	3,462
83	87	20 536	241,299	884,578	3,666	3,199
84	88	16 892	188,142	643,278	3,419	2,952
85	89	13 527	142,809	455,136	3,187	2,720
86	90	10 492	104,994	312,326	2,975	2,508
87	91	7 867	74,620	207,332	2,778	2,311
88	92	5 680	51,062	132,711	2,599	2,132
89	93	3 934	33,521	81,649	2,436	1,969
90	94	2 605	21,045	48,128	2,287	1,820
91	95	1 635	12,517	27,083	2,164	1,696
92	96	979	7,107	14,566	2,050	1,582
93	97	555	3,817	7,459	1,954	1,487
94	98	303	1,978	3,642	1,841	1,374
95	99	153	0,947	1,664	1,757	1,290
96	100	73	0,429	0,717	1,671	1,204

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 847 512,451	18,542	18,075
1	6	99 277	94 101,380	1 747 874,675	18,574	18,107
2	7	99 243	89 165,454	1 653 773,294	18,547	18,080
3	8	99 223	84 499,670	1 564 607,841	18,516	18,049
4	9	99 204	80 079,204	1 480 108,170	18,483	18,016
5	10	99 186	75 890,744	1 400 028,966	18,448	17,981
6	11	99 171	71 923,314	1 324 138,222	18,410	17,943
7	12	99 153	68 161,610	1 252 214,908	18,371	17,904
8	13	99 137	64 597,610	1 184 053,297	18,330	17,862
9	14	99 121	61 219,726	1 119 455,687	18,286	17,819
10	15	99 102	58 017,422	1 058 235,961	18,240	17,773
11	16	99 082	54 981,708	1 000 218,539	18,192	17,725
12	17	99 059	52 103,356	945 236,831	18,142	17,674
13	18	99 037	49 375,967	893 133,475	18,088	17,621
14	19	99 007	46 787,859	843 757,508	18,034	17,566
15	20	98 976	44 334,766	796 969,649	17,976	17,509
16	21	98 943	42 009,378	752 634,883	17,916	17,449
17	22	98 901	39 802,469	710 625,505	17,854	17,387
18	23	98 855	37 709,870	670 823,036	17,789	17,322
19	24	98 796	35 722,497	633 113,166	17,723	17,256
20	25	98 738	33 840,309	597 390,669	17,653	17,186
21	26	98 675	32 055,686	563 550,359	17,580	17,113
22	27	98 612	30 365,039	531 494,673	17,504	17,036
23	28	98 546	28 762,763	501 129,634	17,423	16,956
24	29	98 476	27 243,966	472 366,871	17,338	16,871
25	30	98 403	25 804,502	445 122,905	17,250	16,783
26	31	98 326	24 440,216	419 318,403	17,157	16,690
27	32	98 248	23 147,714	394 878,187	17,059	16,592
28	33	98 162	21 921,773	371 730,473	16,957	16,490
29	34	98 077	20 760,834	349 808,700	16,849	16,382
30	35	97 982	19 659,555	329 047,866	16,737	16,270
31	36	97 886	18 616,418	309 388,311	16,619	16,152
32	37	97 773	17 625,480	290 771,893	16,497	16,030
33	38	97 660	16 687,229	273 146,412	16,369	15,901
34	39	97 533	15 796,791	256 459,183	16,235	15,768
35	40	97 397	14 952,291	240 662,392	16,095	15,628
36	41	97 244	14 150,596	225 710,101	15,951	15,483
37	42	97 084	13 390,763	211 559,505	15,799	15,332
38	43	96 912	12 670,251	198 168,742	15,640	15,173
39	44	96 723	11 986,316	185 498,492	15,476	15,009
40	45	96 519	11 337,460	173 512,176	15,304	14,837
41	46	96 291	10 720,968	162 174,716	15,127	14,660
42	47	96 041	10 135,710	151 453,747	14,943	14,475
43	48	95 761	9 579,241	141 318,038	14,753	14,285
44	49	95 451	9 050,479	131 738,797	14,556	14,089
45	50	95 107	8 547,738	122 688,318	14,353	13,886
46	51	94 725	8 069,624	114 140,580	14,144	13,677
47	52	94 310	7 615,364	106 070,956	13,929	13,461
48	53	93 844	7 182,732	98 455,592	13,707	13,240
49	54	93 327	6 770,761	91 272,860	13,480	13,013
50	55	92 753	6 378,333	84 502,099	13,248	12,781
51	56	92 121	6 004,584	78 123,766	13,011	12,544
52	57	91 433	5 649,056	72 119,183	12,767	12,299
53	58	90 665	5 309,577	66 470,127	12,519	12,052
54	59	89 815	4 985,593	61 160,549	12,267	11,800
55	60	88 883	4 676,641	56 174,956	12,012	11,545
56	61	87 860	4 381,830	51 498,315	11,753	11,286
57	62	86 772	4 101,944	47 116,484	11,486	11,019
58	63	85 594	3 835,333	43 014,540	11,215	10,748
59	64	84 313	3 580,967	39 179,207	10,941	10,474
60	65	82 925	3 338,377	35 598,240	10,663	10,196
61	66	81 434	3 107,466	32 259,863	10,381	9,914
62	67	79 836	2 887,653	29 152,397	10,096	9,628
63	68	78 103	2 677,707	26 264,744	9,809	9,341
64	69	76 295	2 479,355	23 587,037	9,513	9,046
65	70	74 366	2 290,667	21 107,682	9,215	8,747
66	71	72 331	2 111,836	18 817,015	8,910	8,443
67	72	70 196	1 942,654	16 705,179	8,599	8,132
68	73	67 942	1 782,262	14 762,525	8,283	7,816
69	74	65 639	1 632,085	12 980,263	7,953	7,486
70	75	63 185	1 489,157	11 348,177	7,621	7,153
71	76	60 591	1 353,588	9 859,020	7,284	6,816
72	77	57 823	1 224,407	8 505,432	6,947	6,479
73	78	54 934	1 102,592	7 281,025	6,604	6,136
74	79	51 880	987,001	6 178,433	6,260	5,793
75	80	48 621	876,771	5 191,432	5,921	5,454
76	81	45 162	771,946	4 314,662	5,589	5,122
77	82	41 547	673,133	3 542,715	5,263	4,796
78	83	37 828	580,923	2 869,583	4,940	4,473
79	84	33 983	494,672	2 288,659	4,627	4,159
80	85	30 042	414,500	1 793,987	4,328	3,861
81	86	26 098	341,312	1 379,487	4,042	3,575
82	87	22 195	275,144	1 038,175	3,773	3,306
83	88	18 458	216,882	763,031	3,518	3,051
84	89	14 953	166,539	546,149	3,279	2,812
85	90	11 756	124,113	379,610	3,059	2,591
86	91	8 940	89,462	255,497	2,856	2,389
87	92	6 551	62,134	166,035	2,672	2,205
88	93	4 614	41,485	103,901	2,505	2,037
89	94	3 111	26,508	62,416	2,355	1,887
90	95	1 993	16,096	35,908	2,231	1,764
91	96	1 228	9,400	19,812	2,108	1,640
92	97	715	5,191	10,412	2,006	1,538
93	98	401	2,760	5,220	1,892	1,424
94	99	211	1,375	2,461	1,789	1,322
95	100	103	0,634	1,085	1,712	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 845 998,502	18,528	18,061
1	7	99 270	94 095,186	1 746 368,198	18,560	18,092
2	8	99 238	89 161,058	1 652 273,013	18,531	18,064
3	9	99 217	84 494,439	1 563 111,954	18,500	18,032
4	10	99 198	80 074,022	1 478 617,515	18,466	17,998
5	11	99 180	75 886,248	1 398 543,493	18,429	17,962
6	12	99 164	71 917,957	1 322 657,245	18,391	17,924
7	13	99 145	68 156,218	1 250 739,288	18,351	17,884
8	14	99 129	64 592,073	1 182 583,071	18,308	17,841
9	15	99 110	61 213,302	1 117 990,997	18,264	17,797
10	16	99 090	58 010,163	1 056 777,695	18,217	17,750
11	17	99 068	54 973,950	998 767,532	18,168	17,701
12	18	99 045	52 095,727	943 793,582	18,117	17,649
13	19	99 017	49 365,912	891 697,854	18,063	17,596
14	20	98 988	46 778,828	842 331,942	18,007	17,540
15	21	98 958	44 326,556	795 553,115	17,948	17,480
16	22	98 927	42 002,423	751 226,559	17,885	17,418
17	23	98 884	39 795,581	709 224,135	17,822	17,354
18	24	98 834	37 701,688	669 428,554	17,756	17,289
19	25	98 779	35 716,440	631 726,866	17,687	17,220
20	26	98 719	33 833,999	596 010,426	17,616	17,149
21	27	98 656	32 049,449	562 176,427	17,541	17,074
22	28	98 590	30 358,407	530 126,978	17,462	16,995
23	29	98 521	28 755,589	499 768,571	17,380	16,913
24	30	98 450	27 236,916	471 012,982	17,293	16,826
25	31	98 373	25 796,840	443 776,066	17,203	16,736
26	32	98 295	24 432,415	417 979,226	17,108	16,640
27	33	98 214	23 139,681	393 546,811	17,007	16,540
28	34	98 127	21 913,967	370 407,130	16,903	16,436
29	35	98 038	20 752,714	348 493,163	16,793	16,325
30	36	97 943	19 651,643	327 740,449	16,678	16,210
31	37	97 841	18 607,690	308 088,806	16,557	16,090
32	38	97 728	17 617,368	289 481,116	16,432	15,964
33	39	97 603	16 677,456	271 863,748	16,301	15,834
34	40	97 475	15 787,381	255 186,292	16,164	15,697
35	41	97 331	14 942,143	239 398,911	16,022	15,555
36	42	97 170	14 139,801	224 456,768	15,874	15,407
37	43	97 003	13 379,651	210 316,967	15,719	15,252
38	44	96 825	12 658,848	196 937,316	15,557	15,090
39	45	96 625	11 974,089	184 278,467	15,390	14,923
40	46	96 412	11 324,854	172 304,378	15,215	14,748
41	47	96 169	10 707,356	160 979,525	15,034	14,567
42	48	95 903	10 121,180	150 272,169	14,847	14,380
43	49	95 607	9 563,918	140 150,989	14,654	14,187
44	50	95 278	9 034,085	130 587,072	14,455	13,988
45	51	94 919	8 530,893	121 552,987	14,249	13,781
46	52	94 516	8 051,800	113 022,094	14,037	13,570
47	53	94 078	7 596,666	104 970,294	13,818	13,351
48	54	93 588	7 163,101	97 373,628	13,594	13,127
49	55	93 046	6 750,384	90 210,527	13,364	12,897
50	56	92 446	6 357,199	83 460,144	13,128	12,661
51	57	91 788	5 982,854	77 102,945	12,887	12,420
52	58	91 068	5 626,503	71 120,091	12,640	12,173
53	59	90 265	5 286,159	65 493,588	12,390	11,922
54	60	89 381	4 961,513	60 207,428	12,135	11,668
55	61	88 404	4 651,429	55 245,916	11,877	11,410
56	62	87 369	4 357,314	50 594,486	11,611	11,144
57	63	86 245	4 077,018	46 237,173	11,341	10,874
58	64	85 031	3 810,079	42 160,154	11,065	10,598
59	65	83 699	3 554,871	38 350,075	10,788	10,321
60	66	82 260	3 311,629	34 795,203	10,507	10,040
61	67	80 723	3 080,321	31 483,574	10,221	9,754
62	68	79 062	2 859,659	28 403,253	9,932	9,465
63	69	77 305	2 650,355	25 543,594	9,638	9,171
64	70	75 443	2 451,655	22 893,239	9,338	8,871
65	71	73 460	2 262,758	20 441,584	9,034	8,567
66	72	71 362	2 083,558	18 178,826	8,725	8,258
67	73	69 184	1 914,662	16 095,268	8,406	7,939
68	74	66 890	1 754,668	14 180,606	8,082	7,614
69	75	64 516	1 604,163	12 425,938	7,746	7,279
70	76	61 980	1 460,763	10 821,776	7,408	6,941
71	77	59 269	1 324,044	9 361,013	7,070	6,603
72	78	56 409	1 194,468	8 036,968	6,728	6,261
73	79	53 391	1 071,609	6 842,500	6,385	5,918
74	80	50 172	954,506	5 770,892	6,046	5,579
75	81	46 753	843,096	4 816,386	5,713	5,246
76	82	43 172	737,932	3 973,290	5,384	4,917
77	83	39 455	639,246	3 235,358	5,061	4,594
78	84	35 631	547,182	2 596,112	4,745	4,277
79	85	31 699	461,420	2 048,930	4,440	3,973
80	86	27 722	382,492	1 587,510	4,150	3,683
81	87	23 777	310,966	1 205,018	3,875	3,408
82	88	19 949	247,302	894,051	3,615	3,148
83	89	16 338	191,979	646,749	3,369	2,902
84	90	12 995	144,736	454,770	3,142	2,675
85	91	10 017	105,752	310,034	2,932	2,465
86	92	7 444	74,492	204,282	2,742	2,275
87	93	5 322	50,480	129,790	2,571	2,104
88	94	3 649	32,807	79,310	2,418	1,950
89	95	2 379	20,274	46,504	2,294	1,827
90	96	1 496	12,087	26,229	2,170	1,703
91	97	897	6,867	14,142	2,059	1,592
92	98	517	3,753	7,275	1,938	1,471
93	99	279	1,919	3,522	1,836	1,368
94	100	141	0,921	1,603	1,741	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 844 371,391	18,513	18,046
1	8	99 266	94 090,547	1 744 747,646	18,543	18,076
2	9	99 232	89 155,538	1 650 657,098	18,514	18,047
3	10	99 210	84 488,971	1 561 501,560	18,482	18,015
4	11	99 192	80 069,278	1 477 012,588	18,447	17,979
5	12	99 173	75 880,595	1 396 943,311	18,410	17,943
6	13	99 156	71 912,267	1 321 062,715	18,370	17,903
7	14	99 137	68 150,375	1 249 150,448	18,329	17,862
8	15	99 118	64 585,295	1 181 000,073	18,286	17,819
9	16	99 098	61 205,644	1 116 414,778	18,240	17,773
10	17	99 076	58 001,978	1 055 209,133	18,193	17,725
11	18	99 054	54 965,901	997 207,155	18,142	17,675
12	19	99 025	52 085,118	942 241,255	18,090	17,623
13	20	98 998	49 356,383	890 156,136	18,035	17,568
14	21	98 970	46 770,166	840 799,753	17,977	17,510
15	22	98 942	44 319,218	794 029,587	17,916	17,449
16	23	98 910	41 995,155	749 710,370	17,852	17,385
17	24	98 863	39 786,946	707 715,215	17,788	17,320
18	25	98 817	37 695,295	667 928,268	17,719	17,252
19	26	98 761	35 709,780	630 232,974	17,649	17,182
20	27	98 700	33 827,416	594 523,194	17,575	17,108
21	28	98 634	32 042,449	560 695,777	17,499	17,031
22	29	98 565	30 350,835	528 653,329	17,418	16,951
23	30	98 496	28 748,148	498 302,493	17,333	16,866
24	31	98 421	27 228,829	469 554,346	17,245	16,778
25	32	98 342	25 788,606	442 325,517	17,152	16,685
26	33	98 261	24 423,936	416 536,911	17,054	16,587
27	34	98 179	23 131,442	392 112,976	16,952	16,484
28	35	98 089	21 905,396	368 981,534	16,844	16,377
29	36	97 999	20 744,361	347 076,137	16,731	16,264
30	37	97 897	19 642,429	326 331,776	16,614	16,146
31	38	97 795	18 599,126	306 689,347	16,489	16,022
32	39	97 671	17 607,051	288 090,220	16,362	15,895
33	40	97 544	16 667,522	270 483,170	16,228	15,761
34	41	97 409	15 776,666	253 815,648	16,088	15,621
35	42	97 256	14 930,745	238 038,983	15,943	15,476
36	43	97 089	14 128,067	223 108,238	15,792	15,325
37	44	96 916	13 367,610	208 980,171	15,633	15,166
38	45	96 726	12 645,936	195 612,560	15,468	15,001
39	46	96 517	11 960,774	182 966,624	15,297	14,830
40	47	96 290	11 310,474	171 005,850	15,119	14,652
41	48	96 031	10 692,006	159 695,376	14,936	14,469
42	49	95 750	10 104,990	149 003,370	14,746	14,278
43	50	95 434	9 546,593	138 898,380	14,550	14,082
44	51	95 090	9 016,282	129 351,786	14,346	13,879
45	52	94 710	8 512,050	120 335,505	14,137	13,670
46	53	94 284	8 032,031	111 823,455	13,922	13,455
47	54	93 821	7 575,903	103 791,424	13,700	13,233
48	55	93 306	7 141,542	96 215,521	13,473	13,005
49	56	92 738	6 728,017	89 073,979	13,239	12,772
50	57	92 112	6 334,193	82 345,962	13,000	12,533
51	58	91 421	5 958,969	76 011,769	12,756	12,289
52	59	90 666	5 601,687	70 052,800	12,506	12,038
53	60	89 829	5 260,627	64 451,113	12,252	11,784
54	61	88 899	4 934,765	59 190,486	11,995	11,527
55	62	87 909	4 625,404	54 255,721	11,730	11,263
56	63	86 838	4 330,836	49 630,317	11,460	10,993
57	64	85 677	4 050,174	45 299,481	11,185	10,717
58	65	84 411	3 782,314	41 249,307	10,906	10,439
59	66	83 028	3 526,389	37 466,993	10,625	10,158
60	67	81 542	3 282,701	33 940,604	10,339	9,872
61	68	79 940	3 050,459	30 657,903	10,050	9,583
62	69	78 254	2 830,448	27 607,444	9,754	9,287
63	70	76 442	2 620,744	24 776,996	9,454	8,987
64	71	74 523	2 421,786	22 156,251	9,149	8,682
65	72	72 476	2 232,459	19 734,466	8,840	8,373
66	73	70 334	2 053,535	17 502,006	8,523	8,056
67	74	68 113	1 885,018	15 448,472	8,195	7,728
68	75	65 746	1 724,648	13 563,454	7,864	7,397
69	76	63 286	1 573,575	11 838,806	7,524	7,056
70	77	60 627	1 428,880	10 265,230	7,184	6,717
71	78	57 820	1 291,669	8 836,350	6,841	6,374
72	79	54 824	1 160,903	7 544,681	6,499	6,032
73	80	51 633	1 036,328	6 383,778	6,160	5,693
74	81	48 245	917,845	5 347,450	5,826	5,359
75	82	44 693	805,947	4 429,605	5,496	5,029
76	83	40 999	700,784	3 623,658	5,171	4,704
77	84	37 164	602,117	2 922,875	4,854	4,387
78	85	33 236	510,400	2 320,757	4,547	4,080
79	86	29 251	425,788	1 810,357	4,252	3,785
80	87	25 257	348,486	1 384,569	3,973	3,506
81	88	21 371	279,500	1 036,083	3,707	3,240
82	89	17 659	218,906	756,584	3,456	2,989
83	90	14 199	166,845	537,678	3,223	2,755
84	91	11 073	123,324	370,833	3,007	2,540
85	92	8 341	88,056	247,509	2,811	2,344
86	93	6 048	60,520	159,452	2,635	2,168
87	94	4 209	39,920	98,932	2,478	2,011
88	95	2 791	25,091	59,012	2,352	1,885
89	96	1 787	15,225	33,921	2,228	1,761
90	97	1 093	8,830	18,696	2,117	1,650
91	98	648	4,964	9,866	1,987	1,520
92	99	360	2,609	4,901	1,878	1,411
93	100	187	1,285	2,292	1,784	1,317

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 842 623,388	18,497	18,030
1	9	99 259	94 084,722	1 743 004,553	18,526	18,059
2	10	99 226	89 149,769	1 648 919,831	18,496	18,029
3	11	99 205	84 483,965	1 559 770,062	18,462	17,995
4	12	99 184	80 063,314	1 475 286,097	18,426	17,959
5	13	99 165	75 874,592	1 395 222,783	18,389	17,921
6	14	99 147	71 906,103	1 319 348,191	18,348	17,881
7	15	99 127	68 143,224	1 247 442,088	18,306	17,839
8	16	99 106	64 577,215	1 179 298,864	18,262	17,795
9	17	99 084	61 197,008	1 114 721,649	18,215	17,748
10	18	99 061	57 993,486	1 053 524,641	18,166	17,699
11	19	99 033	54 954,708	995 531,155	18,115	17,648
12	20	99 006	52 075,065	940 576,448	18,062	17,595
13	21	98 979	49 347,244	888 501,383	18,005	17,538
14	22	98 954	46 762,423	839 154,139	17,945	17,478
15	23	98 924	44 311,548	792 391,716	17,882	17,415
16	24	98 888	41 986,043	748 080,168	17,817	17,350
17	25	98 846	39 780,200	706 094,126	17,750	17,283
18	26	98 799	37 688,266	666 313,926	17,680	17,212
19	27	98 741	35 702,832	628 625,660	17,607	17,140
20	28	98 679	33 820,027	592 922,828	17,532	17,065
21	29	98 610	32 034,457	559 102,801	17,453	16,986
22	30	98 540	30 342,981	527 068,343	17,370	16,903
23	31	98 466	28 739,612	496 725,362	17,284	16,816
24	32	98 390	27 220,137	467 985,750	17,193	16,725
25	33	98 308	25 779,656	440 765,613	17,097	16,630
26	34	98 226	24 415,240	414 985,957	16,997	16,530
27	35	98 141	23 122,395	390 570,718	16,891	16,424
28	36	98 049	21 896,580	367 448,323	16,781	16,314
29	37	97 953	20 734,635	345 551,743	16,665	16,198
30	38	97 852	19 633,389	324 817,107	16,544	16,077
31	39	97 738	18 588,233	305 183,718	16,418	15,951
32	40	97 613	17 596,562	286 595,485	16,287	15,820
33	41	97 478	16 656,209	268 998,923	16,150	15,683
34	42	97 335	15 764,630	252 342,713	16,007	15,540
35	43	97 176	14 918,355	236 578,083	15,858	15,391
36	44	97 002	14 115,353	221 659,728	15,703	15,236
37	45	96 817	13 353,975	207 544,375	15,542	15,075
38	46	96 619	12 631,874	194 190,400	15,373	14,906
39	47	96 395	11 945,588	181 558,526	15,199	14,732
40	48	96 152	11 294,260	169 612,939	15,018	14,550
41	49	95 877	10 674,904	158 318,679	14,831	14,364
42	50	95 577	10 086,685	147 643,775	14,637	14,170
43	51	95 246	9 527,780	137 557,090	14,437	13,970
44	52	94 880	8 996,367	128 029,310	14,231	13,764
45	53	94 477	8 491,151	119 032,943	14,018	13,551
46	54	94 026	8 010,078	110 541,793	13,800	13,333
47	55	93 539	7 553,102	102 531,715	13,575	13,108
48	56	92 997	7 117,880	94 978,612	13,344	12,876
49	57	92 402	6 703,669	87 860,733	13,106	12,639
50	58	91 744	6 308,905	81 157,064	12,864	12,397
51	59	91 018	5 932,686	74 848,159	12,616	12,149
52	60	90 229	5 574,631	68 915,473	12,362	11,895
53	61	89 345	5 232,267	63 340,841	12,106	11,639
54	62	88 402	4 907,155	58 108,574	11,842	11,374
55	63	87 375	4 597,297	53 201,420	11,572	11,105
56	64	86 266	4 302,320	48 604,123	11,297	10,830
57	65	85 053	4 020,659	44 301,803	11,019	10,551
58	66	83 735	3 752,009	40 281,144	10,736	10,269
59	67	82 303	3 495,585	36 529,135	10,450	9,983
60	68	80 751	3 250,877	33 033,550	10,161	9,694
61	69	79 124	3 019,300	29 782,673	9,864	9,397
62	70	77 380	2 798,826	26 763,374	9,562	9,095
63	71	75 510	2 588,815	23 964,548	9,257	8,790
64	72	73 526	2 389,357	21 375,733	8,946	8,479
65	73	71 432	2 200,291	18 986,376	8,629	8,162
66	74	69 245	2 021,740	16 786,085	8,303	7,836
67	75	66 948	1 852,768	14 764,345	7,969	7,502
68	76	64 492	1 691,763	12 911,577	7,632	7,165
69	77	61 905	1 539,230	11 219,813	7,289	6,822
70	78	59 145	1 393,941	9 680,583	6,945	6,478
71	79	56 195	1 255,373	8 286,642	6,601	6,134
72	80	53 019	1 122,683	7 031,269	6,263	5,796
73	81	49 650	996,524	5 908,586	5,929	5,462
74	82	46 119	877,402	4 912,062	5,598	5,131
75	83	42 443	765,374	4 034,659	5,271	4,804
76	84	38 617	660,081	3 269,285	4,953	4,486
77	85	34 666	561,643	2 609,204	4,646	4,178
78	86	30 669	470,986	2 047,562	4,347	3,880
79	87	26 650	387,932	1 576,575	4,064	3,597
80	88	22 701	313,222	1 188,643	3,795	3,328
81	89	18 917	247,406	875,421	3,538	3,071
82	90	15 347	190,247	628,014	3,301	2,834
83	91	12 099	142,163	437,768	3,079	2,612
84	92	9 220	102,688	295,605	2,879	2,411
85	93	6 777	71,540	192,917	2,697	2,229
86	94	4 783	47,860	121,377	2,536	2,069
87	95	3 219	30,532	73,517	2,408	1,941
88	96	2 096	18,843	42,985	2,281	1,814
89	97	1 305	11,122	24,143	2,171	1,703
90	98	790	6,384	13,020	2,040	1,572
91	99	451	3,452	6,637	1,923	1,456
92	100	241	1,747	3,185	1,823	1,356

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 840 745,718	18,479	18,012
1	10	99 253	94 078,634	1 741 133,051	18,507	18,040
2	11	99 220	89 144,487	1 647 054,417	18,476	18,009
3	12	99 197	84 477,672	1 557 909,930	18,442	17,974
4	13	99 177	80 056,980	1 473 432,258	18,405	17,938
5	14	99 157	75 868,088	1 393 375,278	18,366	17,899
6	15	99 137	71 898,557	1 317 507,190	18,325	17,857
7	16	99 114	68 134,699	1 245 608,632	18,282	17,814
8	17	99 092	64 568,103	1 177 473,933	18,236	17,769
9	18	99 069	61 188,048	1 112 905,830	18,188	17,721
10	19	99 041	57 981,676	1 051 717,782	18,139	17,672
11	20	99 014	54 944,100	993 736,107	18,086	17,619
12	21	98 987	52 065,422	938 792,007	18,031	17,564
13	22	98 963	49 339,074	886 726,585	17,972	17,505
14	23	98 936	46 754,330	837 387,510	17,910	17,443
15	24	98 903	44 301,933	790 633,180	17,846	17,379
16	25	98 871	41 978,923	746 331,247	17,779	17,312
17	26	98 827	39 772,782	704 352,324	17,709	17,242
18	27	98 779	37 680,933	664 579,541	17,637	17,170
19	28	98 720	35 695,034	626 898,609	17,563	17,095
20	29	98 654	33 811,593	591 203,575	17,485	17,018
21	30	98 584	32 026,167	557 391,982	17,404	16,937
22	31	98 511	30 333,971	525 365,815	17,319	16,852
23	32	98 435	28 730,438	495 031,844	17,230	16,763
24	33	98 355	27 210,691	466 301,405	17,137	16,670
25	34	98 273	25 770,477	439 090,715	17,039	16,571
26	35	98 187	24 405,691	413 320,238	16,935	16,468
27	36	98 101	23 113,089	388 914,547	16,827	16,359
28	37	98 003	21 886,314	365 801,459	16,714	16,247
29	38	97 908	20 725,093	343 915,145	16,594	16,127
30	39	97 795	19 621,891	323 190,052	16,471	16,004
31	40	97 680	18 577,160	303 568,161	16,341	15,874
32	41	97 546	17 584,619	284 991,001	16,207	15,740
33	42	97 404	16 643,503	267 406,382	16,067	15,600
34	43	97 254	15 751,549	250 762,879	15,920	15,453
35	44	97 088	14 904,929	235 011,330	15,767	15,300
36	45	96 903	14 100,955	220 106,401	15,609	15,142
37	46	96 709	13 339,126	206 005,446	15,444	14,977
38	47	96 496	12 615,835	192 666,320	15,272	14,805
39	48	96 257	11 928,463	180 050,485	15,094	14,627
40	49	95 998	11 276,194	168 122,022	14,909	14,442
41	50	95 703	10 655,567	156 845,828	14,720	14,252
42	51	95 388	10 066,808	146 190,261	14,522	14,055
43	52	95 036	9 506,735	136 123,454	14,319	13,851
44	53	94 647	8 974,278	126 616,718	14,109	13,642
45	54	94 219	8 467,943	117 642,441	13,893	13,425
46	55	93 743	7 985,971	109 174,498	13,671	13,204
47	56	93 229	7 528,076	101 188,527	13,441	12,974
48	57	92 660	7 092,121	93 660,451	13,206	12,739
49	58	92 033	6 676,906	86 568,330	12,965	12,498
50	59	91 339	6 281,079	79 891,424	12,719	12,252
51	60	90 578	5 904,031	73 610,345	12,468	12,001
52	61	89 742	5 544,578	67 706,314	12,211	11,744
53	62	88 845	5 202,992	62 161,736	11,947	11,480
54	63	87 865	4 877,336	56 958,744	11,678	11,211
55	64	86 800	4 567,027	52 081,408	11,404	10,937
56	65	85 637	4 270,967	47 514,381	11,125	10,658
57	66	84 371	3 988,444	43 243,414	10,842	10,375
58	67	83 003	3 719,234	39 254,970	10,555	10,087
59	68	81 505	3 461,697	35 535,735	10,265	9,798
60	69	79 926	3 217,670	32 074,038	9,968	9,501
61	70	78 240	2 985,567	28 856,369	9,665	9,198
62	71	76 437	2 764,726	25 870,801	9,357	8,890
63	72	74 499	2 554,149	23 106,075	9,046	8,579
64	73	72 466	2 354,928	20 551,925	8,727	8,260
65	74	70 326	2 166,224	18 196,997	8,400	7,933
66	75	68 060	1 987,152	16 030,773	8,067	7,600
67	76	65 671	1 817,440	14 043,621	7,727	7,260
68	77	63 085	1 654,839	12 226,181	7,388	6,921
69	78	60 391	1 501,593	10 571,342	7,040	6,573
70	79	57 483	1 354,771	9 069,749	6,695	6,227
71	80	54 345	1 214,042	7 714,978	6,355	5,888
72	81	50 983	1 079,563	6 500,936	6,022	5,555
73	82	47 462	952,615	5 421,373	5,691	5,224
74	83	43 797	833,233	4 468,758	5,363	4,896
75	84	39 978	720,920	3 635,526	5,043	4,576
76	85	36 022	615,710	2 914,606	4,734	4,267
77	86	31 989	518,272	2 298,896	4,436	3,969
78	87	27 942	429,112	1 780,624	4,150	3,682
79	88	23 953	348,678	1 351,512	3,876	3,409
80	89	20 095	277,257	1 002,835	3,617	3,150
81	90	16 441	215,016	725,578	3,375	2,907
82	91	13 076	162,102	510,562	3,150	2,682
83	92	10 074	118,374	348,460	2,944	2,477
84	93	7 491	83,428	230,086	2,758	2,291
85	94	5 359	56,574	146,658	2,592	2,125
86	95	3 658	36,604	90,084	2,461	1,994
87	96	2 417	22,928	53,480	2,332	1,865
88	97	1 531	13,765	30,551	2,219	1,752
89	98	944	8,041	16,786	2,088	1,620
90	99	549	4,438	8,745	1,970	1,503
91	100	302	2,311	4,307	1,864	1,397

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 838 732,344	18,460	17,993
1	11	99 247	94 073,060	1 739 126,122	18,487	18,020
2	12	99 213	89 137,847	1 645 053,063	18,455	17,988
3	13	99 189	84 470,989	1 555 915,216	18,420	17,952
4	14	99 168	80 050,117	1 471 444,227	18,382	17,914
5	15	99 146	75 860,127	1 391 394,109	18,342	17,874
6	16	99 124	71 889,563	1 315 533,983	18,299	17,832
7	17	99 100	68 125,085	1 243 644,420	18,255	17,788
8	18	99 077	64 558,649	1 175 519,335	18,209	17,741
9	19	99 049	61 175,587	1 110 960,685	18,160	17,693
10	20	99 022	57 970,484	1 049 785,098	18,109	17,642
11	21	98 996	54 933,926	991 814,614	18,055	17,587
12	22	98 971	52 056,802	936 880,688	17,997	17,530
13	23	98 946	49 330,536	884 823,886	17,937	17,469
14	24	98 915	46 744,185	835 493,350	17,874	17,407
15	25	98 886	44 294,421	788 749,164	17,807	17,340
16	26	98 853	41 971,096	744 454,743	17,737	17,270
17	27	98 808	39 765,044	702 483,648	17,666	17,199
18	28	98 758	37 672,702	662 718,604	17,591	17,124
19	29	98 695	35 686,131	625 045,902	17,515	17,048
20	30	98 628	33 802,843	589 359,771	17,435	16,968
21	31	98 555	32 016,658	555 556,928	17,352	16,885
22	32	98 479	30 324,289	523 540,270	17,265	16,798
23	33	98 401	28 720,467	493 215,981	17,173	16,706
24	34	98 320	27 201,002	464 495,514	17,076	16,609
25	35	98 235	25 760,398	437 294,511	16,975	16,508
26	36	98 148	24 395,868	411 534,113	16,869	16,402
27	37	98 055	23 102,252	387 138,246	16,758	16,290
28	38	97 958	21 876,241	364 035,994	16,641	16,174
29	39	97 851	20 712,955	342 159,753	16,519	16,052
30	40	97 736	19 610,202	321 446,798	16,392	15,925
31	41	97 614	18 564,552	301 836,596	16,259	15,792
32	42	97 472	17 571,205	283 272,044	16,121	15,654
33	43	97 323	16 629,692	265 700,839	15,977	15,510
34	44	97 166	15 737,373	249 071,147	15,827	15,360
35	45	96 989	14 889,726	233 333,774	15,671	15,204
36	46	96 795	14 085,275	218 444,048	15,509	15,041
37	47	96 587	13 322,189	204 358,773	15,340	14,873
38	48	96 358	12 597,750	191 036,584	15,164	14,697
39	49	96 103	11 909,383	178 438,834	14,983	14,516
40	50	95 824	11 255,768	166 529,452	14,795	14,328
41	51	95 515	10 634,568	155 273,684	14,601	14,134
42	52	95 178	10 044,572	144 639,116	14,400	13,933
43	53	94 802	9 483,393	134 594,544	14,193	13,725
44	54	94 389	8 949,750	125 111,150	13,979	13,512
45	55	93 935	8 442,458	116 161,400	13,759	13,292
46	56	93 433	7 959,510	107 718,943	13,533	13,066
47	57	92 891	7 500,833	99 759,433	13,300	12,833
48	58	92 290	7 063,807	92 258,600	13,061	12,594
49	59	91 628	6 647,457	85 194,793	12,816	12,349
50	60	90 898	6 250,741	78 547,336	12,566	12,099
51	61	90 090	5 872,203	72 296,594	12,312	11,844
52	62	89 240	5 513,556	66 424,392	12,047	11,580
53	63	88 305	5 171,375	60 910,836	11,778	11,311
54	64	87 286	4 845,221	55 739,461	11,504	11,037
55	65	86 167	4 533,745	50 894,240	11,226	10,758
56	66	84 951	4 236,748	46 360,494	10,942	10,475
57	67	83 634	3 953,604	42 123,747	10,655	10,187
58	68	82 199	3 683,178	38 170,143	10,363	9,896
59	69	80 672	3 426,337	34 486,965	10,065	9,598
60	70	79 033	3 181,721	31 060,628	9,762	9,295
61	71	77 286	2 949,193	27 878,907	9,453	8,986
62	72	75 414	2 727,706	24 929,714	9,139	8,672
63	73	73 426	2 517,346	22 202,008	8,820	8,352
64	74	71 344	2 318,467	19 684,663	8,490	8,023
65	75	69 122	2 129,164	17 366,195	8,156	7,689
66	76	66 762	1 949,262	15 237,032	7,817	7,350
67	77	64 238	1 777,773	13 287,770	7,474	7,007
68	78	61 542	1 614,375	11 509,997	7,130	6,663
69	79	58 694	1 459,398	9 895,622	6,781	6,313
70	80	55 590	1 310,168	8 436,224	6,439	5,972
71	81	52 258	1 167,413	7 126,057	6,104	5,637
72	82	48 737	1 031,994	5 958,644	5,774	5,307
73	83	45 073	904,659	4 926,649	5,446	4,979
74	84	41 254	784,837	4 021,990	5,125	4,657
75	85	37 291	672,459	3 237,154	4,814	4,347
76	86	33 240	568,164	2 564,695	4,514	4,047
77	87	29 145	472,193	1 996,531	4,228	3,761
78	88	25 115	385,690	1 524,338	3,952	3,485
79	89	21 203	308,641	1 138,647	3,689	3,222
80	90	17 464	240,959	830,007	3,445	2,977
81	91	14 009	183,207	589,048	3,215	2,748
82	92	10 888	134,977	405,841	3,007	2,540
83	93	8 185	96,172	270,864	2,816	2,349
84	94	5 924	65,975	174,692	2,648	2,181
85	95	4 099	43,270	108,717	2,513	2,045
86	96	2 747	27,489	65,448	2,381	1,914
87	97	1 766	16,749	37,959	2,266	1,799
88	98	1 107	9,951	21,209	2,131	1,664
89	99	656	5,591	11,258	2,014	1,547
90	100	368	2,971	5,668	1,907	1,440

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 836 576,005	18,439	17,972
1	12	99 240	94 066,053	1 736 975,686	18,465	17,998
2	13	99 205	89 130,795	1 642 909,633	18,433	17,965
3	14	99 181	84 463,748	1 553 778,838	18,396	17,929
4	15	99 158	80 041,717	1 469 315,090	18,357	17,890
5	16	99 134	75 850,637	1 389 273,373	18,316	17,849
6	17	99 110	71 879,419	1 313 422,736	18,273	17,805
7	18	99 086	68 115,110	1 241 543,317	18,227	17,760
8	19	99 057	64 545,503	1 173 428,207	18,180	17,713
9	20	99 030	61 163,779	1 108 882,704	18,130	17,663
10	21	99 004	57 959,749	1 047 718,925	18,077	17,609
11	22	98 980	54 924,831	989 759,176	18,020	17,553
12	23	98 954	52 047,794	934 834,345	17,961	17,494
13	24	98 924	49 319,832	882 786,551	17,899	17,432
14	25	98 898	46 736,259	833 466,718	17,833	17,366
15	26	98 868	44 286,162	786 730,459	17,765	17,298
16	27	98 834	41 962,929	742 444,297	17,693	17,226
17	28	98 787	39 756,358	700 481,368	17,619	17,152
18	29	98 733	37 663,307	660 725,010	17,543	17,076
19	30	98 670	35 676,896	623 061,704	17,464	16,997
20	31	98 599	33 792,806	587 384,807	17,382	16,915
21	32	98 523	32 006,438	553 592,001	17,296	16,829
22	33	98 445	30 313,765	521 585,563	17,206	16,739
23	34	98 366	28 710,242	491 271,798	17,111	16,644
24	35	98 282	27 190,364	462 561,557	17,012	16,545
25	36	98 195	25 750,030	435 371,193	16,908	16,440
26	37	98 102	24 384,430	409 621,163	16,798	16,331
27	38	98 010	23 091,620	385 236,734	16,683	16,216
28	39	97 901	21 863,429	362 145,114	16,564	16,097
29	40	97 792	20 700,616	340 281,685	16,438	15,971
30	41	97 670	19 596,893	319 581,069	16,308	15,841
31	42	97 539	18 550,390	299 984,176	16,171	15,704
32	43	97 391	17 556,624	281 433,786	16,030	15,563
33	44	97 235	16 614,726	263 877,162	15,882	15,415
34	45	97 067	15 721,321	247 262,436	15,728	15,261
35	46	96 881	14 873,169	231 541,115	15,568	15,101
36	47	96 672	14 067,391	216 667,946	15,402	14,935
37	48	96 448	13 303,091	202 600,556	15,230	14,762
38	49	96 204	12 577,599	189 297,465	15,050	14,583
39	50	95 929	11 887,809	176 719,866	14,866	14,398
40	51	95 635	11 233,586	164 832,057	14,673	14,206
41	52	95 304	10 611,079	153 598,470	14,475	14,008
42	53	94 944	10 019,910	142 987,392	14,270	13,803
43	54	94 543	9 457,474	132 967,482	14,060	13,592
44	55	94 104	8 922,814	123 510,008	13,842	13,375
45	56	93 624	8 414,484	114 587,193	13,618	13,151
46	57	93 095	7 930,705	106 172,709	13,388	12,920
47	58	92 520	7 470,887	98 242,004	13,150	12,683
48	59	91 883	7 032,652	90 771,117	12,907	12,440
49	60	91 185	6 615,350	83 738,465	12,658	12,191
50	61	90 408	6 217,044	77 123,115	12,405	11,938
51	62	89 586	5 839,347	70 906,071	12,143	11,676
52	63	88 698	5 480,052	65 066,724	11,873	11,406
53	64	87 724	5 137,325	59 586,672	11,599	11,132
54	65	86 650	4 809,912	54 449,348	11,320	10,853
55	66	85 477	4 497,420	49 639,435	11,037	10,570
56	67	84 209	4 199,738	45 142,015	10,749	10,282
57	68	82 823	3 915,276	40 942,277	10,457	9,990
58	69	81 359	3 645,555	37 027,001	10,157	9,690
59	70	79 771	3 388,057	33 381,446	9,853	9,385
60	71	78 070	3 142,957	29 993,389	9,543	9,076
61	72	76 252	2 909,702	26 850,432	9,228	8,761
62	73	74 327	2 688,401	23 940,730	8,905	8,438
63	74	72 289	2 478,370	21 252,329	8,575	8,108
64	75	70 124	2 278,802	18 773,959	8,239	7,771
65	76	67 804	2 088,566	16 495,157	7,898	7,431
66	77	65 305	1 906,717	14 406,591	7,556	7,089
67	78	62 667	1 734,303	12 499,874	7,207	6,740
68	79	59 813	1 569,011	10 765,571	6,861	6,394
69	80	56 762	1 411,350	9 196,561	6,516	6,049
70	81	53 455	1 259,847	7 785,211	6,179	5,712
71	82	49 955	1 115,974	6 525,364	5,847	5,380
72	83	46 283	980,042	5 409,390	5,520	5,052
73	84	42 455	852,115	4 429,348	5,198	4,731
74	85	38 480	732,079	3 577,233	4,886	4,419
75	86	34 411	620,531	2 845,154	4,585	4,118
76	87	30 285	517,650	2 224,623	4,298	3,830
77	88	26 196	424,412	1 706,974	4,022	3,555
78	89	22 231	341,403	1 282,562	3,757	3,290
79	90	18 427	268,234	941,158	3,509	3,042
80	91	14 880	205,312	672,924	3,278	2,810
81	92	11 664	152,550	467,612	3,065	2,598
82	93	8 846	109,661	315,062	2,873	2,406
83	94	6 472	76,053	205,401	2,701	2,234
84	95	4 531	50,459	129,348	2,563	2,096
85	96	3 078	32,494	78,889	2,428	1,961
86	97	2 007	20,081	46,395	2,310	1,843
87	98	1 277	12,109	26,314	2,173	1,706
88	99	770	6,919	14,205	2,053	1,586
89	100	439	3,743	7,286	1,947	1,480

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 834 268,290	18,418	17,950
1	13	99 232	94 058,611	1 734 675,389	18,442	17,975
2	14	99 196	89 123,155	1 640 616,778	18,408	17,941
3	15	99 170	84 454,885	1 551 493,624	18,371	17,903
4	16	99 145	80 031,704	1 467 038,739	18,331	17,864
5	17	99 120	75 839,934	1 387 007,035	18,289	17,821
6	18	99 096	71 868,895	1 311 167,101	18,244	17,777
7	19	99 065	68 101,239	1 239 298,207	18,198	17,731
8	20	99 038	64 533,044	1 171 196,967	18,149	17,682
9	21	99 012	61 152,453	1 106 663,924	18,097	17,630
10	22	98 987	57 950,154	1 045 511,470	18,042	17,574
11	23	98 962	54 915,327	987 561,317	17,983	17,516
12	24	98 932	52 036,500	932 645,990	17,923	17,456
13	25	98 908	49 311,469	880 609,489	17,858	17,391
14	26	98 880	46 727,545	831 298,020	17,790	17,323
15	27	98 849	44 277,545	784 570,476	17,719	17,252
16	28	98 812	41 953,763	740 292,931	17,645	17,178
17	29	98 762	39 746,443	698 339,167	17,570	17,103
18	30	98 708	37 653,560	658 592,725	17,491	17,024
19	31	98 640	35 666,303	620 939,164	17,410	16,943
20	32	98 568	33 782,019	585 272,862	17,325	16,858
21	33	98 489	31 995,331	551 490,842	17,237	16,769
22	34	98 410	30 302,972	519 495,512	17,143	16,676
23	35	98 327	28 699,012	489 192,540	17,046	16,578
24	36	98 242	27 179,420	460 493,528	16,943	16,476
25	37	98 149	25 737,957	433 314,108	16,836	16,368
26	38	98 057	24 373,207	407 576,151	16,722	16,255
27	39	97 953	23 078,096	383 202,943	16,605	16,137
28	40	97 843	21 850,405	360 124,847	16,481	16,014
29	41	97 726	20 686,567	338 274,442	16,352	15,885
30	42	97 595	19 581,943	317 587,876	16,218	15,751
31	43	97 458	18 534,997	298 005,933	16,078	15,611
32	44	97 304	17 540,824	279 470,936	15,933	15,465
33	45	97 136	16 597,779	261 930,112	15,781	15,314
34	46	96 959	15 703,839	245 332,333	15,622	15,155
35	47	96 758	14 854,284	229 628,494	15,459	14,992
36	48	96 534	14 047,225	214 774,210	15,289	14,822
37	49	96 294	13 281,811	200 726,986	15,113	14,646
38	50	96 029	12 554,815	187 445,174	14,930	14,463
39	51	95 739	11 864,382	174 890,359	14,741	14,274
40	52	95 424	11 208,774	163 025,977	14,544	14,077
41	53	95 070	10 585,025	151 817,203	14,343	13,875
42	54	94 684	9 992,524	141 232,178	14,134	13,667
43	55	94 259	9 429,010	131 239,653	13,919	13,452
44	56	93 793	8 893,250	121 810,643	13,697	13,230
45	57	93 285	8 384,033	112 917,393	13,468	13,001
46	58	92 723	7 899,044	104 533,360	13,234	12,766
47	59	92 112	7 437,936	96 634,316	12,992	12,525
48	60	91 440	6 998,684	89 196,380	12,745	12,278
49	61	90 693	6 579,686	82 197,696	12,493	12,025
50	62	89 902	6 182,259	75 618,009	12,231	11,764
51	63	89 042	5 803,863	69 435,751	11,964	11,497
52	64	88 114	5 443,969	63 631,887	11,689	11,221
53	65	87 085	5 099,887	58 187,918	11,410	10,942
54	66	85 956	4 771,375	53 088,031	11,126	10,659
55	67	84 730	4 458,133	48 316,657	10,838	10,371
56	68	83 393	4 159,024	43 858,523	10,545	10,078
57	69	81 977	3 875,282	39 699,500	10,244	9,777
58	70	80 450	3 604,827	35 824,217	9,938	9,471
59	71	78 799	3 346,779	32 219,391	9,627	9,160
60	72	77 025	3 100,871	28 872,612	9,311	8,844
61	73	75 153	2 867,775	25 771,741	8,987	8,519
62	74	73 176	2 646,777	22 903,966	8,654	8,186
63	75	71 052	2 435,969	20 257,188	8,316	7,849
64	76	68 786	2 235,351	17 821,219	7,972	7,505
65	77	66 325	2 042,981	15 585,868	7,629	7,162
66	78	63 708	1 860,094	13 542,888	7,281	6,814
67	79	60 906	1 685,569	11 682,793	6,931	6,464
68	80	57 843	1 517,354	9 997,225	6,589	6,121
69	81	54 581	1 357,143	8 479,871	6,248	5,781
70	82	51 100	1 204,335	7 122,729	5,914	5,447
71	83	47 440	1 059,794	5 918,394	5,584	5,117
72	84	43 595	923,119	4 858,600	5,263	4,796
73	85	39 601	794,835	3 935,481	4,951	4,484
74	86	35 509	675,547	3 140,646	4,649	4,182
75	87	31 352	565,361	2 465,099	4,360	3,893
76	88	27 220	465,269	1 899,738	4,083	3,616
77	89	23 188	375,679	1 434,469	3,818	3,351
78	90	19 321	296,707	1 058,790	3,568	3,101
79	91	15 701	228,552	762,083	3,334	2,867
80	92	12 390	170,956	533,531	3,121	2,654
81	93	9 477	123,938	362,575	2,925	2,458
82	94	6 996	86,720	238,636	2,752	2,285
83	95	4 950	58,167	151,916	2,612	2,145
84	96	3 402	37,893	93,749	2,474	2,007
85	97	2 248	23,737	55,856	2,353	1,886
86	98	1 451	14,517	32,118	2,212	1,745
87	99	888	8,419	17,601	2,091	1,623
88	100	515	4,632	9,182	1,982	1,515

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 831 802,604	18,394	17,927
1	14	99 223	94 050,548	1 732 217,582	18,418	17,951
2	15	99 186	89 113,802	1 638 167,035	18,383	17,916
3	16	99 158	84 444,319	1 549 053,232	18,344	17,877
4	17	99 131	80 020,411	1 464 608,913	18,303	17,836
5	18	99 105	75 828,830	1 384 588,502	18,259	17,792
6	19	99 076	71 854,259	1 308 759,672	18,214	17,747
7	20	99 046	68 088,094	1 236 905,413	18,166	17,699
8	21	99 020	64 521,094	1 168 817,319	18,115	17,648
9	22	98 995	61 142,329	1 104 296,225	18,061	17,594
10	23	98 970	57 940,126	1 043 153,896	18,004	17,537
11	24	98 941	54 903,411	985 213,770	17,944	17,477
12	25	98 915	52 027,677	930 310,359	17,881	17,414
13	26	98 889	49 302,274	878 282,682	17,814	17,347
14	27	98 861	46 718,453	828 980,408	17,744	17,277
15	28	98 827	44 267,874	782 261,955	17,671	17,204
16	29	98 787	41 943,300	737 994,082	17,595	17,128
17	30	98 736	39 736,157	696 050,781	17,517	17,050
18	31	98 678	37 642,380	656 314,624	17,436	16,968
19	32	98 609	35 654,918	618 672,245	17,352	16,884
20	33	98 534	33 770,295	583 017,326	17,264	16,797
21	34	98 454	31 983,939	549 247,031	17,173	16,705
22	35	98 372	30 291,120	517 263,092	17,076	16,609
23	36	98 288	28 687,462	486 971,972	16,975	16,508
24	37	98 196	27 166,677	458 284,511	16,869	16,402
25	38	98 104	25 726,112	431 117,834	16,758	16,291
26	39	97 999	24 358,933	405 391,722	16,642	16,175
27	40	97 894	23 064,348	381 032,789	16,520	16,053
28	41	97 776	21 835,575	357 968,441	16,394	15,927
29	42	97 651	20 670,786	336 132,866	16,261	15,794
30	43	97 514	19 565,694	315 462,080	16,123	15,656
31	44	97 371	18 518,316	295 896,387	15,979	15,511
32	45	97 204	17 522,932	277 378,070	15,829	15,362
33	46	97 028	16 579,323	259 855,138	15,673	15,206
34	47	96 836	15 683,899	243 275,816	15,511	15,044
35	48	96 619	14 832,990	227 591,916	15,344	14,876
36	49	96 379	14 024,755	212 758,926	15,170	14,703
37	50	96 119	13 257,752	198 734,171	14,990	14,523
38	51	95 840	12 530,074	185 476,419	14,803	14,335
39	52	95 528	11 838,177	172 946,346	14,609	14,142
40	53	95 189	11 181,253	161 108,169	14,409	13,942
41	54	94 810	10 556,095	149 926,916	14,203	13,736
42	55	94 399	9 962,450	139 370,821	13,990	13,522
43	56	93 946	9 397,768	129 408,371	13,770	13,303
44	57	93 453	8 861,066	120 010,602	13,544	13,076
45	58	92 913	8 350,562	111 149,537	13,310	12,843
46	59	92 314	7 864,205	102 798,975	13,072	12,605
47	60	91 667	7 402,011	94 934,770	12,826	12,358
48	61	90 947	6 960,954	87 532,759	12,575	12,108
49	62	90 186	6 542,872	80 571,805	12,314	11,847
50	63	89 356	6 144,691	74 028,932	12,048	11,580
51	64	88 455	5 765,648	67 884,241	11,774	11,307
52	65	87 472	5 404,297	62 118,593	11,494	11,027
53	66	86 387	5 059,026	56 714,296	11,211	10,743
54	67	85 205	4 729,695	51 655,270	10,921	10,454
55	68	83 909	4 414,914	46 925,575	10,629	10,162
56	69	82 541	4 116,540	42 510,661	10,327	9,860
57	70	81 061	3 831,987	38 394,121	10,019	9,552
58	71	79 470	3 560,907	34 562,134	9,706	9,239
59	72	77 744	3 301,964	31 001,227	9,389	8,922
60	73	75 915	3 056,190	27 699,263	9,063	8,596
61	74	73 989	2 823,374	24 643,073	8,728	8,261
62	75	71 924	2 601,495	21 819,699	8,387	7,920
63	76	69 697	2 389,521	19 218,204	8,043	7,576
64	77	67 285	2 186,562	16 828,682	7,696	7,229
65	78	64 703	1 993,026	14 642,120	7,347	6,879
66	79	61 918	1 807,825	12 649,094	6,997	6,530
67	80	58 901	1 630,074	10 841,269	6,651	6,184
68	81	55 622	1 459,075	9 211,195	6,313	5,846
69	82	52 176	1 297,344	7 752,120	5,975	5,508
70	83	48 527	1 143,707	6 454,777	5,644	5,177
71	84	44 685	998,239	5 311,070	5,320	4,853
72	85	40 664	861,066	4 312,831	5,009	4,542
73	86	36 543	733,456	3 451,765	4,706	4,239
74	87	32 352	615,486	2 718,308	4,417	3,949
75	88	28 179	508,152	2 102,822	4,138	3,671
76	89	24 095	411,844	1 594,670	3,872	3,405
77	90	20 152	326,496	1 182,826	3,623	3,156
78	91	16 462	252,813	856,330	3,387	2,920
79	92	13 074	190,307	603,517	3,171	2,704
80	93	10 066	138,892	413,209	2,975	2,508
81	94	7 494	98,011	274,318	2,799	2,332
82	95	5 350	66,326	176,307	2,658	2,191
83	96	3 718	43,682	109,981	2,518	2,051
84	97	2 485	27,682	66,299	2,395	1,928
85	98	1 626	17,161	38,618	2,250	1,783
86	99	1 009	10,093	21,457	2,126	1,659
87	100	594	5,636	11,364	2,016	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 829 170,960	18,370	17,902
1	15	99 213	94 040,679	1 729 594,475	18,392	17,925
2	16	99 173	89 102,654	1 635 553,796	18,356	17,889
3	17	99 144	84 432,404	1 546 451,142	18,316	17,849
4	18	99 117	80 008,695	1 462 018,738	18,273	17,806
5	19	99 085	75 813,388	1 382 010,043	18,229	17,762
6	20	99 057	71 840,389	1 306 196,656	18,182	17,715
7	21	99 028	68 075,486	1 234 356,266	18,132	17,665
8	22	99 003	64 510,412	1 166 280,780	18,079	17,612
9	23	98 978	61 131,749	1 101 770,368	18,023	17,556
10	24	98 949	57 927,554	1 040 638,619	17,964	17,497
11	25	98 924	54 894,101	982 711,066	17,902	17,435
12	26	98 897	52 017,975	927 816,965	17,836	17,369
13	27	98 870	49 292,682	875 798,989	17,767	17,300
14	28	98 839	46 708,248	826 506,308	17,695	17,228
15	29	98 802	44 256,834	779 798,060	17,620	17,153
16	30	98 762	41 932,446	735 541,226	17,541	17,074
17	31	98 707	39 724,358	693 608,780	17,461	16,993
18	32	98 647	37 630,364	653 884,422	17,377	16,909
19	33	98 575	35 642,544	616 254,058	17,290	16,823
20	34	98 498	33 758,272	580 611,513	17,199	16,732
21	35	98 416	31 971,429	546 853,242	17,104	16,637
22	36	98 332	30 278,928	514 881,813	17,005	16,537
23	37	98 242	28 674,012	484 602,884	16,900	16,433
24	38	98 151	27 154,174	455 928,873	16,790	16,323
25	39	98 046	25 711,045	428 774,698	16,677	16,209
26	40	97 941	24 344,422	403 063,654	16,557	16,090
27	41	97 828	23 048,695	378 719,231	16,431	15,964
28	42	97 702	21 818,918	355 670,537	16,301	15,834
29	43	97 570	20 653,633	333 851,619	16,164	15,697
30	44	97 427	19 548,086	313 197,986	16,022	15,555
31	45	97 271	18 499,427	293 649,900	15,873	15,406
32	46	97 096	17 503,447	275 150,473	15,720	15,253
33	47	96 905	16 558,271	257 647,026	15,560	15,093
34	48	96 697	15 661,416	241 088,755	15,394	14,927
35	49	96 465	14 809,263	225 427,339	15,222	14,755
36	50	96 205	13 999,350	210 618,076	15,045	14,578
37	51	95 930	13 231,625	196 618,726	14,860	14,393
38	52	95 628	12 502,397	183 387,100	14,668	14,201
39	53	95 293	11 809,110	170 884,703	14,471	14,003
40	54	94 929	11 150,693	159 075,593	14,266	13,799
41	55	94 525	10 524,325	147 924,899	14,056	13,588
42	56	94 087	9 929,441	137 400,575	13,838	13,371
43	57	93 606	9 363,759	127 471,134	13,613	13,146
44	58	93 080	8 825,690	118 107,375	13,382	12,915
45	59	92 503	8 313,731	109 281,685	13,145	12,678
46	60	91 868	7 826,220	100 967,953	12,901	12,434
47	61	91 173	7 362,107	93 141,733	12,652	12,184
48	62	90 438	6 922,007	85 779,626	12,392	11,925
49	63	89 638	6 503,114	78 857,619	12,126	11,659
50	64	88 768	6 104,232	72 354,506	11,853	11,386
51	65	87 811	5 723,632	66 250,274	11,575	11,108
52	66	86 771	5 360,997	60 526,642	11,290	10,823
53	67	85 632	5 014,833	55 165,645	11,000	10,533
54	68	84 379	4 683,843	50 150,812	10,707	10,240
55	69	83 052	4 369,817	45 466,968	10,405	9,938
56	70	81 619	4 070,549	41 097,151	10,096	9,629
57	71	80 074	3 785,300	37 026,602	9,782	9,314
58	72	78 406	3 513,225	33 241,302	9,462	8,995
59	73	76 624	3 254,385	29 728,077	9,135	8,668
60	74	74 740	3 008,872	26 473,692	8,799	8,331
61	75	72 723	2 775,071	23 464,820	8,456	7,988
62	76	70 553	2 551,891	20 689,750	8,108	7,640
63	77	68 176	2 337,368	18 137,859	7,760	7,293
64	78	65 640	2 133,096	15 800,491	7,407	6,940
65	79	62 885	1 937,021	13 667,395	7,056	6,589
66	80	59 880	1 748,305	11 730,373	6,710	6,242
67	81	56 639	1 567,466	9 982,068	6,368	5,901
68	82	53 171	1 394,784	8 414,602	6,033	5,566
69	83	49 550	1 232,033	7 019,817	5,698	5,231
70	84	45 709	1 077,278	5 787,784	5,373	4,905
71	85	41 681	931,137	4 710,506	5,059	4,592
72	86	37 524	794,574	3 779,370	4,756	4,289
73	87	33 294	668,247	2 984,796	4,467	3,999
74	88	29 078	553,205	2 316,549	4,188	3,720
75	89	24 943	449,803	1 763,344	3,920	3,453
76	90	20 940	357,926	1 313,541	3,670	3,203
77	91	17 171	278,195	955,615	3,435	2,968
78	92	13 708	210,509	677,420	3,218	2,751
79	93	10 622	154,614	466,911	3,020	2,553
80	94	7 961	109,836	312,297	2,843	2,376
81	95	5 732	74,961	202,461	2,701	2,234
82	96	4 018	49,808	127,500	2,560	2,093
83	97	2 716	31,910	77,692	2,435	1,968
84	98	1 797	20,012	45,782	2,288	1,820
85	99	1 130	11,931	25,769	2,160	1,693
86	100	675	6,757	13,838	2,048	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 826 365,204	18,343	17,876
1	16	99 201	94 028,914	1 726 799,168	18,365	17,897
2	17	99 159	89 090,082	1 632 770,255	18,327	17,860
3	18	99 130	84 420,042	1 543 680,173	18,286	17,819
4	19	99 097	79 992,402	1 459 260,131	18,242	17,775
5	20	99 066	75 798,754	1 379 267,730	18,196	17,729
6	21	99 038	71 827,087	1 303 468,976	18,147	17,680
7	22	99 012	68 064,216	1 231 641,889	18,095	17,628
8	23	98 986	64 499,249	1 163 577,673	18,040	17,573
9	24	98 957	61 118,484	1 099 078,424	17,983	17,516
10	25	98 932	57 917,731	1 037 959,940	17,921	17,454
11	26	98 906	54 883,865	980 042,209	17,857	17,389
12	27	98 878	52 007,854	925 158,344	17,789	17,322
13	28	98 848	49 281,915	873 150,490	17,717	17,250
14	29	98 814	46 696,599	823 868,575	17,643	17,176
15	30	98 777	44 245,381	777 171,976	17,565	17,098
16	31	98 733	41 919,995	732 926,595	17,484	17,017
17	32	98 676	39 711,678	691 006,600	17,401	16,933
18	33	98 612	37 617,305	651 294,922	17,314	16,847
19	34	98 540	35 629,854	613 677,617	17,224	16,757
20	35	98 460	33 745,068	578 047,763	17,130	16,663
21	36	98 376	31 958,561	544 302,695	17,032	16,564
22	37	98 286	30 264,732	512 344,134	16,929	16,462
23	38	98 196	28 660,815	482 079,402	16,820	16,353
24	39	98 094	27 138,271	453 418,587	16,708	16,241
25	40	97 988	25 695,729	426 280,316	16,590	16,122
26	41	97 874	24 327,900	400 584,587	16,466	15,999
27	42	97 753	23 031,112	376 256,687	16,337	15,870
28	43	97 621	21 800,812	353 225,575	16,202	15,735
29	44	97 483	20 635,046	331 424,763	16,061	15,594
30	45	97 327	19 528,146	310 789,717	15,915	15,448
31	46	97 163	18 478,856	291 261,571	15,762	15,295
32	47	96 973	17 481,222	272 782,715	15,604	15,137
33	48	96 766	16 534,534	255 301,492	15,441	14,973
34	49	96 543	15 636,364	238 766,958	15,270	14,803
35	50	96 290	14 782,437	223 130,594	15,094	14,627
36	51	96 015	13 971,762	208 348,157	14,912	14,445
37	52	95 718	13 202,400	194 376,395	14,723	14,256
38	53	95 394	12 471,700	181 173,995	14,527	14,060
39	54	95 033	11 776,834	168 702,295	14,325	13,858
40	55	94 644	11 117,134	156 925,460	14,116	13,648
41	56	94 211	10 489,454	145 808,327	13,900	13,433
42	57	93 746	9 893,507	135 318,873	13,678	13,210
43	58	93 233	9 326,376	125 425,366	13,448	12,981
44	59	92 670	8 786,764	116 098,990	13,213	12,746
45	60	92 056	8 273,576	107 312,226	12,970	12,503
46	61	91 373	7 784,029	99 038,650	12,723	12,256
47	62	90 663	7 320,915	91 254,621	12,465	11,998
48	63	89 888	6 879,944	83 933,706	12,200	11,733
49	64	89 048	6 460,295	77 053,761	11,927	11,460
50	65	88 121	6 059,748	70 593,467	11,650	11,182
51	66	87 107	5 677,773	64 533,718	11,366	10,899
52	67	86 013	5 314,166	58 855,945	11,075	10,608
53	68	84 802	4 966,218	53 541,779	10,781	10,314
54	69	83 517	4 635,999	48 575,561	10,478	10,011
55	70	82 124	4 320,996	43 939,563	10,169	9,702
56	71	80 625	4 020,956	39 618,566	9,853	9,386
57	72	79 002	3 734,613	35 597,610	9,532	9,065
58	73	77 276	3 462,602	31 862,997	9,202	8,735
59	74	75 438	3 203,998	28 400,395	8,864	8,397
60	75	73 461	2 957,395	25 196,397	8,520	8,053
61	76	71 337	2 722,157	22 239,003	8,170	7,702
62	77	69 013	2 496,193	19 516,846	7,819	7,351
63	78	66 509	2 280,215	17 020,652	7,464	6,997
64	79	63 795	2 073,156	14 740,438	7,110	6,643
65	80	60 814	1 873,248	12 667,282	6,762	6,295
66	81	57 580	1 681,157	10 794,034	6,421	5,953
67	82	54 143	1 498,400	9 112,877	6,082	5,615
68	83	50 494	1 324,569	7 614,477	5,749	5,281
69	84	46 672	1 160,475	6 289,909	5,420	4,953
70	85	42 636	1 004,862	5 129,434	5,105	4,637
71	86	38 462	859,233	4 124,572	4,800	4,333
72	87	34 188	723,930	3 265,339	4,511	4,043
73	88	29 925	600,627	2 541,409	4,231	3,764
74	89	25 739	489,683	1 940,782	3,963	3,496
75	90	21 678	390,916	1 451,099	3,712	3,245
76	91	17 842	304,976	1 060,183	3,476	3,009
77	92	14 297	231,643	755,208	3,260	2,793
78	93	11 137	171,026	523,564	3,061	2,594
79	94	8 400	122,269	352,538	2,883	2,416
80	95	6 088	84,006	230,269	2,741	2,274
81	96	4 304	56,293	146,264	2,598	2,131
82	97	2 935	36,386	89,970	2,473	2,005
83	98	1 963	23,069	53,585	2,323	1,856
84	99	1 249	13,914	30,515	2,193	1,726
85	100	757	7,988	16,602	2,078	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 823 378,113	18,316	17,848
1	17	99 187	94 015,646	1 723 824,532	18,336	17,868
2	18	99 145	89 077,037	1 629 808,886	18,297	17,829
3	19	99 109	84 402,850	1 540 731,849	18,255	17,787
4	20	99 077	79 976,961	1 456 328,999	18,209	17,742
5	21	99 048	75 784,718	1 376 352,038	18,161	17,694
6	22	99 022	71 815,195	1 300 567,319	18,110	17,643
7	23	98 994	68 052,438	1 228 752,124	18,056	17,589
8	24	98 965	64 485,254	1 160 699,686	17,999	17,532
9	25	98 940	61 108,120	1 096 214,433	17,939	17,472
10	26	98 913	57 906,931	1 035 106,313	17,875	17,408
11	27	98 887	54 873,187	977 199,381	17,808	17,341
12	28	98 856	51 996,494	922 326,195	17,738	17,271
13	29	98 824	49 269,624	870 329,701	17,665	17,197
14	30	98 789	46 684,515	821 060,077	17,587	17,120
15	31	98 747	44 232,243	774 375,562	17,507	17,040
16	32	98 701	41 906,614	730 143,319	17,423	16,956
17	33	98 641	39 697,896	688 236,705	17,337	16,870
18	34	98 577	37 603,911	648 538,808	17,247	16,779
19	35	98 501	35 615,919	610 934,897	17,153	16,686
20	36	98 420	33 731,486	575 318,978	17,056	16,589
21	37	98 330	31 943,578	541 587,492	16,955	16,487
22	38	98 241	30 250,804	509 643,914	16,847	16,380
23	39	98 139	28 644,030	479 393,111	16,736	16,269
24	40	98 035	27 122,105	450 749,081	16,619	16,152
25	41	97 921	25 678,289	423 626,976	16,497	16,030
26	42	97 800	24 309,341	397 948,687	16,370	15,903
27	43	97 672	23 012,000	373 639,346	16,237	15,770
28	44	97 533	21 781,193	350 627,346	16,098	15,631
29	45	97 383	20 613,997	328 846,153	15,953	15,485
30	46	97 219	19 506,432	308 232,156	15,802	15,334
31	47	97 040	18 455,393	288 725,724	15,645	15,177
32	48	96 834	17 456,162	270 270,331	15,483	15,016
33	49	96 611	16 508,086	252 814,169	15,315	14,847
34	50	96 368	15 608,040	236 306,082	15,140	14,673
35	51	96 100	14 753,306	220 698,043	14,959	14,492
36	52	95 803	13 940,901	205 944,737	14,773	14,306
37	53	95 483	13 169,984	192 003,836	14,579	14,112
38	54	95 133	12 437,613	178 833,852	14,378	13,911
39	55	94 747	11 741,390	166 396,238	14,172	13,705
40	56	94 330	11 080,298	154 654,848	13,958	13,490
41	57	93 871	10 451,493	143 574,550	13,737	13,270
42	58	93 372	9 854,010	133 123,056	13,510	13,042
43	59	92 822	9 285,242	123 269,047	13,276	12,809
44	60	92 222	8 744,324	113 983,805	13,035	12,568
45	61	91 560	8 228,973	105 239,481	12,789	12,322
46	62	90 862	7 740,477	97 010,508	12,533	12,066
47	63	90 112	7 276,428	89 270,031	12,268	11,801
48	64	89 296	6 834,644	81 993,603	11,997	11,530
49	65	88 399	6 413,216	75 158,959	11,719	11,252
50	66	87 415	6 011,197	68 745,743	11,436	10,969
51	67	86 346	5 628,176	62 734,546	11,147	10,679
52	68	85 179	5 262,648	57 106,371	10,851	10,384
53	69	83 936	4 915,489	51 843,722	10,547	10,080
54	70	82 584	4 584,204	46 928,234	10,237	9,770
55	71	81 123	4 268,352	42 344,029	9,920	9,453
56	72	79 545	3 967,114	38 075,678	9,598	9,131
57	73	77 863	3 680,800	34 108,564	9,267	8,799
58	74	76 080	3 408,991	30 427,764	8,926	8,459
59	75	74 147	3 149,183	27 018,773	8,580	8,112
60	76	72 060	2 901,005	23 869,590	8,228	7,761
61	77	69 780	2 662,743	20 968,585	7,875	7,408
62	78	67 325	2 435,157	18 305,843	7,517	7,050
63	79	64 640	2 216,140	15 870,686	7,161	6,694
64	80	61 695	2 004,901	13 654,546	6,811	6,343
65	81	58 478	1 801,301	11 649,645	6,467	6,000
66	82	55 043	1 607,080	9 848,345	6,128	5,661
67	83	51 417	1 422,968	8 241,264	5,792	5,324
68	84	47 561	1 247,635	6 818,296	5,465	4,998
69	85	43 535	1 082,466	5 570,661	5,146	4,679
70	86	39 344	927,265	4 488,194	4,840	4,373
71	87	35 043	782,841	3 560,929	4,549	4,082
72	88	30 729	650,676	2 778,088	4,270	3,802
73	89	26 489	531,660	2 127,413	4,001	3,534
74	90	22 370	425,575	1 595,753	3,750	3,282
75	91	18 471	333,085	1 170,179	3,513	3,046
76	92	14 857	253,943	837,094	3,296	2,829
77	93	11 616	188,197	583,151	3,099	2,631
78	94	8 807	135,248	394,954	2,920	2,453
79	95	6 424	93,515	259,707	2,777	2,310
80	96	4 572	63,085	166,192	2,634	2,167
81	97	3 144	41,123	103,107	2,507	2,040
82	98	2 122	26,305	61,984	2,356	1,889
83	99	1 365	16,039	35,679	2,224	1,757
84	100	836	9,315	19,639	2,108	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 820 202,208	18,286	17,819
1	18	99 172	94 001,881	1 720 662,675	18,305	17,837
2	19	99 125	89 058,897	1 626 660,795	18,265	17,798
3	20	99 090	84 386,559	1 537 601,897	18,221	17,754
4	21	99 059	79 962,152	1 453 215,339	18,174	17,707
5	22	99 031	75 772,172	1 373 253,187	18,123	17,656
6	23	99 005	71 802,768	1 297 481,015	18,070	17,603
7	24	98 973	68 037,671	1 225 678,247	18,015	17,548
8	25	98 948	64 474,319	1 157 640,576	17,955	17,488
9	26	98 921	61 096,726	1 093 166,257	17,892	17,425
10	27	98 894	57 895,664	1 032 069,531	17,826	17,359
11	28	98 865	54 861,201	974 173,867	17,757	17,290
12	29	98 831	51 983,527	919 312,666	17,685	17,218
13	30	98 798	49 256,874	867 329,140	17,608	17,141
14	31	98 759	46 670,653	818 072,266	17,529	17,061
15	32	98 716	44 218,124	771 401,613	17,445	16,978
16	33	98 667	41 892,071	727 183,489	17,358	16,891
17	34	98 606	39 683,762	685 291,418	17,269	16,802
18	35	98 539	37 589,204	645 607,656	17,175	16,708
19	36	98 461	35 601,584	608 018,452	17,078	16,611
20	37	98 374	33 715,671	572 416,868	16,978	16,511
21	38	98 285	31 928,876	538 701,197	16,872	16,405
22	39	98 183	30 233,087	506 772,321	16,762	16,295
23	40	98 080	28 626,966	476 539,234	16,647	16,179
24	41	97 969	27 103,697	447 912,267	16,526	16,059
25	42	97 847	25 658,700	420 808,570	16,400	15,933
26	43	97 718	24 289,169	395 149,870	16,269	15,801
27	44	97 584	22 991,291	370 860,701	16,130	15,663
28	45	97 433	21 758,975	347 869,411	15,987	15,520
29	46	97 275	20 591,076	326 110,435	15,837	15,370
30	47	97 096	19 481,664	305 519,360	15,682	15,215
31	48	96 901	18 428,937	286 037,696	15,521	15,054
32	49	96 679	17 428,240	267 608,760	15,355	14,888
33	50	96 436	16 478,183	250 180,520	15,183	14,715
34	51	96 178	15 577,282	233 702,337	15,003	14,536
35	52	95 888	14 720,719	218 125,055	14,818	14,350
36	53	95 568	13 906,672	203 404,336	14,626	14,159
37	54	95 222	13 133,988	189 497,664	14,428	13,961
38	55	94 847	12 400,181	176 363,676	14,223	13,755
39	56	94 433	11 702,487	163 963,495	14,011	13,544
40	57	93 989	11 040,200	152 261,009	13,792	13,324
41	58	93 496	10 409,768	141 220,809	13,566	13,099
42	59	92 960	9 810,548	130 811,041	13,334	12,867
43	60	92 373	9 240,394	121 000,492	13,095	12,628
44	61	91 725	8 697,183	111 760,098	12,850	12,383
45	62	91 048	8 182,931	103 062,916	12,595	12,128
46	63	90 310	7 693,441	94 879,985	12,333	11,865
47	64	89 519	7 228,517	87 186,544	12,061	11,594
48	65	88 646	6 784,837	79 958,027	11,785	11,318
49	66	87 691	6 361,832	73 173,189	11,502	11,035
50	67	86 651	5 958,686	66 811,357	11,212	10,745
51	68	85 509	5 573,614	60 852,670	10,918	10,451
52	69	84 309	5 208,892	55 279,057	10,612	10,145
53	70	82 998	4 860,572	50 070,165	10,301	9,834
54	71	81 578	4 528,353	45 209,593	9,984	9,516
55	72	80 037	4 211,197	40 681,240	9,660	9,193
56	73	78 399	3 909,950	36 470,044	9,327	8,860
57	74	76 658	3 623,811	32 560,093	8,985	8,518
58	75	74 778	3 350,669	28 936,282	8,636	8,169
59	76	72 733	3 089,136	25 585,613	8,282	7,815
60	77	70 487	2 837,687	22 496,478	7,928	7,461
61	78	68 073	2 597,634	19 658,791	7,568	7,101
62	79	65 434	2 366,728	17 061,157	7,209	6,742
63	80	62 512	2 143,177	14 694,429	6,856	6,389
64	81	59 325	1 927,897	12 551,252	6,510	6,043
65	82	55 902	1 721,931	10 623,355	6,169	5,702
66	83	52 272	1 526,178	8 901,424	5,832	5,365
67	84	48 431	1 340,319	7 375,247	5,503	5,035
68	85	44 364	1 163,768	6 034,928	5,186	4,718
69	86	40 173	998,877	4 871,159	4,877	4,409
70	87	35 846	844,824	3 872,283	4,584	4,116
71	88	31 497	703,625	3 027,458	4,303	3,835
72	89	27 200	575,962	2 323,833	4,035	3,568
73	90	23 021	462,056	1 747,872	3,783	3,316
74	91	19 060	362,617	1 285,816	3,546	3,079
75	92	15 380	277,348	923,199	3,329	2,861
76	93	12 070	206,314	645,851	3,130	2,663
77	94	9 186	148,826	439,538	2,953	2,486
78	95	6 736	103,441	290,711	2,810	2,343
79	96	4 824	70,226	187,270	2,667	2,199
80	97	3 340	46,085	117,044	2,540	2,073
81	98	2 273	29,730	70,959	2,387	1,920
82	99	1 475	18,289	41,229	2,254	1,787
83	100	914	10,738	22,940	2,136	1,669

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 816 829,202	18,255	17,788
1	19	99 152	93 982,738	1 717 304,243	18,273	17,805
2	20	99 106	89 041,707	1 623 321,505	18,231	17,764
3	21	99 072	84 370,933	1 534 279,799	18,185	17,718
4	22	99 043	79 948,914	1 449 908,866	18,135	17,668
5	23	99 014	75 759,059	1 369 959,952	18,083	17,616
6	24	98 983	71 787,188	1 294 200,893	18,028	17,561
7	25	98 956	68 026,134	1 222 413,705	17,970	17,503
8	26	98 929	64 462,297	1 154 387,571	17,908	17,441
9	27	98 902	61 084,838	1 089 925,274	17,843	17,376
10	28	98 873	57 883,018	1 028 840,436	17,774	17,307
11	29	98 840	54 847,519	970 957,418	17,703	17,236
12	30	98 806	51 970,074	916 109,899	17,628	17,160
13	31	98 769	49 242,248	864 139,825	17,549	17,082
14	32	98 728	46 655,756	814 897,577	17,466	16,999
15	33	98 682	44 202,778	768 241,821	17,380	16,913
16	34	98 632	41 877,155	724 039,043	17,290	16,822
17	35	98 568	39 668,241	682 161,888	17,197	16,729
18	36	98 499	37 574,075	642 493,646	17,099	16,632
19	37	98 415	35 584,892	604 919,571	16,999	16,532
20	38	98 329	33 700,155	569 334,679	16,894	16,427
21	39	98 227	31 910,177	535 634,525	16,786	16,319
22	40	98 125	30 215,077	503 724,348	16,671	16,204
23	41	98 014	28 607,537	473 509,271	16,552	16,085
24	42	97 894	27 083,021	444 901,734	16,427	15,960
25	43	97 765	25 637,408	417 818,713	16,297	15,830
26	44	97 631	24 267,310	392 181,305	16,161	15,694
27	45	97 485	22 967,839	367 913,994	16,019	15,551
28	46	97 325	21 734,780	344 946,156	15,871	15,404
29	47	97 151	20 564,931	323 211,376	15,717	15,249
30	48	96 956	19 453,736	302 646,445	15,557	15,090
31	49	96 746	18 399,458	283 192,709	15,391	14,924
32	50	96 504	17 396,670	264 793,251	15,221	14,754
33	51	96 246	16 445,710	247 396,581	15,043	14,576
34	52	95 965	15 542,875	230 950,872	14,859	14,392
35	53	95 653	14 684,575	215 407,997	14,669	14,202
36	54	95 307	13 868,663	200 723,422	14,473	14,006
37	55	94 935	13 094,460	186 854,759	14,270	13,803
38	56	94 532	12 359,094	173 760,299	14,059	13,592
39	57	94 091	11 660,137	161 401,205	13,842	13,375
40	58	93 613	10 996,124	149 741,068	13,618	13,150
41	59	93 083	10 363,855	138 744,944	13,387	12,920
42	60	92 511	9 763,163	128 381,088	13,150	12,682
43	61	91 875	9 190,579	118 617,925	12,906	12,439
44	62	91 212	8 648,521	109 427,346	12,653	12,186
45	63	90 495	8 133,206	100 778,825	12,391	11,924
46	64	89 715	7 642,784	92 645,619	12,122	11,655
47	65	88 867	7 175,841	85 002,835	11,846	11,379
48	66	87 935	6 730,476	77 826,994	11,563	11,096
49	67	86 925	6 306,259	71 096,518	11,274	10,807
50	68	85 811	5 900,920	64 790,259	10,980	10,513
51	69	84 636	5 516,681	58 889,339	10,675	10,208
52	70	83 367	5 150,697	53 372,658	10,362	9,895
53	71	81 987	4 801,353	48 221,961	10,043	9,576
54	72	80 486	4 467,716	43 420,608	9,719	9,252
55	73	78 884	4 150,516	38 952,892	9,385	8,918
56	74	77 185	3 849,414	34 802,376	9,041	8,574
57	75	75 346	3 561,813	30 952,962	8,690	8,223
58	76	73 352	3 286,780	27 391,149	8,334	7,867
59	77	71 146	3 021,712	24 104,369	7,977	7,510
60	78	68 764	2 768,300	21 082,657	7,616	7,149
61	79	66 161	2 524,640	18 314,357	7,254	6,787
62	80	63 279	2 288,808	15 789,717	6,899	6,431
63	81	60 111	2 060,862	13 500,909	6,551	6,084
64	82	56 711	1 842,948	11 440,047	6,207	5,740
65	83	53 088	1 635,246	9 597,099	5,869	5,402
66	84	49 236	1 437,534	7 961,853	5,539	5,071
67	85	45 175	1 250,222	6 524,318	5,219	4,751
68	86	40 938	1 073,900	5 274,097	4,911	4,444
69	87	36 601	910,069	4 200,196	4,615	4,148
70	88	32 219	759,337	3 290,127	4,333	3,866
71	89	27 880	622,831	2 530,791	4,063	3,596
72	90	23 639	500,558	1 907,960	3,812	3,344
73	91	19 615	393,701	1 407,402	3,575	3,108
74	92	15 871	301,938	1 013,701	3,357	2,890
75	93	12 495	225,329	711,763	3,159	2,692
76	94	9 545	163,153	486,434	2,981	2,514
77	95	7 026	113,826	323,281	2,840	2,373
78	96	5 058	77,681	209,454	2,696	2,229
79	97	3 524	51,301	131,773	2,569	2,101
80	98	2 415	33,317	80,472	2,415	1,948
81	99	1 580	20,670	47,155	2,281	1,814
82	100	988	12,244	26,485	2,163	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 813 249,239	18,223	17,756
1	20	99 133	93 964,597	1 713 744,548	18,238	17,771
2	21	99 087	89 025,219	1 619 779,951	18,195	17,727
3	22	99 055	84 356,965	1 530 754,732	18,146	17,679
4	23	99 026	79 935,079	1 446 397,767	18,095	17,627
5	24	98 993	75 742,621	1 366 462,689	18,041	17,574
6	25	98 966	71 775,015	1 290 720,068	17,983	17,516
7	26	98 938	68 013,450	1 218 945,053	17,922	17,455
8	27	98 910	64 449,754	1 150 931,603	17,858	17,391
9	28	98 881	61 071,495	1 086 481,849	17,790	17,323
10	29	98 848	57 868,583	1 025 410,353	17,720	17,252
11	30	98 815	54 833,325	967 541,771	17,645	17,178
12	31	98 777	51 954,643	912 708,446	17,567	17,100
13	32	98 737	49 226,530	860 753,803	17,486	17,018
14	33	98 694	46 639,564	811 527,273	17,400	16,933
15	34	98 647	44 187,040	764 887,709	17,310	16,843
16	35	98 593	41 860,776	720 700,669	17,217	16,749
17	36	98 528	39 652,275	678 839,893	17,120	16,653
18	37	98 453	37 556,458	639 187,617	17,019	16,552
19	38	98 370	35 568,515	601 631,159	16,915	16,448
20	39	98 271	33 680,418	566 062,644	16,807	16,340
21	40	98 168	31 891,168	532 382,226	16,694	16,227
22	41	98 058	30 194,570	500 491,058	16,576	16,108
23	42	97 939	28 585,714	470 296,488	16,452	15,985
24	43	97 813	27 060,547	441 710,774	16,323	15,856
25	44	97 678	25 614,336	414 650,227	16,188	15,721
26	45	97 531	24 242,557	389 035,891	16,048	15,580
27	46	97 376	22 942,300	364 793,334	15,900	15,433
28	47	97 201	21 707,183	341 851,035	15,748	15,281
29	48	97 012	20 535,450	320 143,852	15,590	15,123
30	49	96 801	19 422,618	299 608,402	15,426	14,959
31	50	96 570	18 366,129	280 185,784	15,256	14,788
32	51	96 314	17 362,386	261 819,656	15,080	14,613
33	52	96 034	16 409,385	244 457,269	14,897	14,430
34	53	95 730	15 504,712	228 047,884	14,708	14,241
35	54	95 391	14 644,440	212 543,172	14,514	14,046
36	55	95 020	13 826,924	197 898,732	14,313	13,845
37	56	94 621	13 051,073	184 071,808	14,104	13,637
38	57	94 190	12 314,368	171 020,735	13,888	13,421
39	58	93 716	11 613,586	158 706,367	13,666	13,198
40	59	93 201	10 947,625	147 092,781	13,436	12,969
41	60	92 634	10 313,798	136 145,156	13,200	12,733
42	61	92 012	9 710,530	125 831,358	12,958	12,491
43	62	91 361	9 139,157	116 120,829	12,706	12,239
44	63	90 657	8 595,967	106 981,672	12,446	11,978
45	64	89 899	8 079,654	98 385,705	12,177	11,710
46	65	89 061	7 587,088	90 306,051	11,903	11,435
47	66	88 155	7 118,347	82 718,963	11,621	11,153
48	67	87 167	6 671,683	75 600,616	11,332	10,864
49	68	86 082	6 245,124	68 928,933	11,037	10,570
50	69	84 934	5 840,644	62 683,810	10,732	10,265
51	70	83 690	5 455,047	56 843,166	10,420	9,953
52	71	82 351	5 087,943	51 388,119	10,100	9,633
53	72	80 889	4 737,061	46 300,175	9,774	9,307
54	73	79 326	4 403,340	41 563,114	9,439	8,972
55	74	77 662	4 086,255	37 159,775	9,094	8,627
56	75	75 864	3 783,556	33 073,520	8,741	8,274
57	76	73 910	3 493,898	29 289,964	8,383	7,916
58	77	71 751	3 215,043	25 796,065	8,024	7,556
59	78	69 406	2 947,825	22 581,023	7,660	7,193
60	79	66 832	2 690,510	19 633,198	7,297	6,830
61	80	63 982	2 441,520	16 942,687	6,939	6,472
62	81	60 849	2 200,899	14 501,167	6,589	6,122
63	82	57 462	1 970,055	12 300,268	6,244	5,776
64	83	53 856	1 750,172	10 330,213	5,902	5,435
65	84	50 004	1 540,268	8 580,041	5,570	5,103
66	85	45 926	1 340,902	7 039,773	5,250	4,783
67	86	41 687	1 153,678	5 698,871	4,940	4,473
68	87	37 299	978,422	4 545,193	4,645	4,178
69	88	32 897	817,979	3 566,771	4,360	3,893
70	89	28 519	672,146	2 748,792	4,090	3,622
71	90	24 230	541,291	2 076,646	3,836	3,369
72	91	20 142	426,507	1 535,355	3,600	3,133
73	92	16 333	327,821	1 108,848	3,382	2,915
74	93	12 894	245,307	781,027	3,184	2,717
75	94	9 881	178,191	535,720	3,006	2,539
76	95	7 300	124,784	357,529	2,865	2,398
77	96	5 276	85,480	232,746	2,723	2,256
78	97	3 695	56,747	147,266	2,595	2,128
79	98	2 548	37,088	90,519	2,441	1,973
80	99	1 679	23,164	53,431	2,307	1,839
81	100	1 058	13,838	30,267	2,187	1,720

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 809 457,424	18,188	17,721
1	21	99 114	93 947,198	1 709 971,940	18,201	17,734
2	22	99 071	89 010,480	1 616 024,742	18,155	17,688
3	23	99 038	84 342,367	1 527 014,261	18,105	17,638
4	24	99 004	79 917,734	1 442 671,895	18,052	17,585
5	25	98 976	75 729,777	1 362 754,161	17,995	17,528
6	26	98 948	71 761,632	1 287 024,383	17,935	17,468
7	27	98 918	68 000,216	1 215 262,752	17,871	17,404
8	28	98 889	64 435,677	1 147 262,535	17,805	17,338
9	29	98 856	61 056,264	1 082 826,859	17,735	17,268
10	30	98 822	57 853,607	1 021 770,594	17,661	17,194
11	31	98 785	54 817,043	963 916,987	17,584	17,117
12	32	98 745	51 938,059	909 099,944	17,504	17,036
13	33	98 703	49 209,446	857 161,885	17,419	16,951
14	34	98 658	46 622,958	807 952,439	17,329	16,862
15	35	98 608	44 169,758	761 329,480	17,236	16,769
16	36	98 553	41 843,928	717 159,723	17,139	16,672
17	37	98 482	39 633,685	675 315,795	17,039	16,572
18	38	98 408	37 539,174	635 682,110	16,934	16,467
19	39	98 312	35 547,684	598 142,936	16,826	16,359
20	40	98 213	33 660,354	562 595,252	16,714	16,247
21	41	98 102	31 869,523	528 934,898	16,597	16,130
22	42	97 983	30 171,536	497 065,374	16,475	16,007
23	43	97 858	28 561,993	466 893,838	16,347	15,879
24	44	97 725	27 036,194	438 331,846	16,213	15,746
25	45	97 578	25 588,209	411 295,651	16,074	15,606
26	46	97 422	24 215,600	385 707,443	15,928	15,461
27	47	97 253	22 913,169	361 491,843	15,777	15,309
28	48	97 062	21 676,065	338 578,674	15,620	15,153
29	49	96 857	20 502,602	316 902,609	15,457	14,990
30	50	96 626	19 387,435	296 400,007	15,288	14,821
31	51	96 380	18 329,935	277 012,572	15,113	14,645
32	52	96 101	17 324,037	258 682,637	14,932	14,465
33	53	95 798	16 369,095	241 358,600	14,745	14,278
34	54	95 468	15 462,336	224 989,506	14,551	14,084
35	55	95 104	14 600,366	209 527,170	14,351	13,884
36	56	94 705	13 781,110	194 926,804	14,144	13,677
37	57	94 279	13 003,843	181 145,694	13,930	13,463
38	58	93 814	12 265,206	168 141,852	13,709	13,242
39	59	93 302	11 562,364	155 876,646	13,481	13,014
40	60	92 750	10 894,748	144 314,283	13,246	12,779
41	61	92 134	10 258,196	133 419,534	13,006	12,539
42	62	91 498	9 656,198	123 161,338	12,755	12,287
43	63	90 806	9 083,621	113 505,140	12,496	12,028
44	64	90 060	8 539,368	104 421,519	12,228	11,761
45	65	89 244	8 020,775	95 882,151	11,954	11,487
46	66	88 348	7 526,299	87 861,376	11,674	11,207
47	67	87 384	7 056,165	80 335,077	11,385	10,918
48	68	86 322	6 607,005	73 278,912	11,091	10,624
49	69	85 203	6 181,331	66 671,908	10,786	10,319
50	70	83 986	5 775,391	60 490,577	10,474	10,007
51	71	82 670	5 388,585	54 715,186	10,154	9,687
52	72	81 249	5 019,814	49 326,600	9,826	9,359
53	73	79 723	4 668,803	44 306,786	9,490	9,023
54	74	78 098	4 335,164	39 637,983	9,143	8,676
55	75	76 334	4 016,345	35 302,819	8,790	8,323
56	76	74 418	3 711,413	31 286,474	8,430	7,963
57	77	72 296	3 417,640	27 575,061	8,068	7,601
58	78	69 997	3 136,429	24 157,420	7,702	7,235
59	79	67 456	2 864,991	21 020,992	7,337	6,870
60	80	64 631	2 601,930	18 156,001	6,978	6,511
61	81	61 525	2 347,746	15 554,071	6,625	6,158
62	82	58 168	2 103,922	13 206,325	6,277	5,810
63	83	54 570	1 870,880	11 102,403	5,934	5,467
64	84	50 728	1 648,518	9 231,523	5,600	5,133
65	85	46 643	1 436,730	7 583,005	5,278	4,811
66	86	42 380	1 237,356	6 146,276	4,967	4,500
67	87	37 981	1 051,107	4 908,920	4,670	4,203
68	88	33 524	879,416	3 857,813	4,387	3,920
69	89	29 120	724,055	2 978,397	4,113	3,646
70	90	24 785	584,150	2 254,342	3,859	3,392
71	91	20 646	461,214	1 670,193	3,621	3,154
72	92	16 772	355,137	1 208,978	3,404	2,937
73	93	13 270	266,335	853,841	3,206	2,739
74	94	10 197	193,989	587,506	3,029	2,561
75	95	7 558	136,285	393,517	2,887	2,420
76	96	5 482	93,709	257,231	2,745	2,278
77	97	3 854	62,444	163,523	2,619	2,152
78	98	2 671	41,025	101,079	2,464	1,997
79	99	1 771	25,786	60,054	2,329	1,862
80	100	1 124	15,508	34,268	2,210	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 805 441,490	18,151	17,684
1	22	99 098	93 931,644	1 705 974,428	18,162	17,695
2	23	99 054	88 995,077	1 612 042,784	18,114	17,647
3	24	99 017	84 324,066	1 523 047,706	18,062	17,595
4	25	98 987	79 904,182	1 438 723,640	18,006	17,538
5	26	98 957	75 715,657	1 358 819,458	17,946	17,479
6	27	98 929	71 747,669	1 283 103,802	17,884	17,416
7	28	98 897	67 985,363	1 211 356,133	17,818	17,351
8	29	98 864	64 419,607	1 143 370,770	17,749	17,282
9	30	98 830	61 040,464	1 078 951,163	17,676	17,209
10	31	98 793	57 836,429	1 017 910,698	17,600	17,133
11	32	98 754	54 799,546	960 074,270	17,520	17,053
12	33	98 711	51 920,034	905 274,724	17,436	16,969
13	34	98 668	49 191,925	853 354,690	17,347	16,880
14	35	98 620	46 604,723	804 162,765	17,255	16,788
15	36	98 568	44 151,980	757 558,041	17,158	16,691
16	37	98 507	41 824,310	713 406,061	17,057	16,590
17	38	98 437	39 615,444	671 581,751	16,953	16,485
18	39	98 350	37 517,189	631 966,307	16,845	16,378
19	40	98 254	35 526,508	594 449,118	16,733	16,265
20	41	98 146	33 637,509	558 922,610	16,616	16,149
21	42	98 027	31 845,211	525 285,101	16,495	16,028
22	43	97 902	30 146,499	493 439,890	16,368	15,901
23	44	97 770	28 536,289	463 293,391	16,235	15,768
24	45	97 625	27 008,616	434 757,102	16,097	15,630
25	46	97 469	25 559,756	407 748,485	15,953	15,486
26	47	97 299	24 184,853	382 188,730	15,803	15,336
27	48	97 113	22 880,322	358 003,877	15,647	15,180
28	49	96 907	21 641,392	335 123,555	15,485	15,018
29	50	96 681	20 465,462	313 482,163	15,318	14,850
30	51	96 436	19 349,229	293 016,700	15,144	14,676
31	52	96 167	18 289,448	273 667,472	14,963	14,496
32	53	95 865	17 281,501	255 378,023	14,778	14,310
33	54	95 536	16 324,356	238 096,522	14,585	14,118
34	55	95 181	15 415,800	221 772,167	14,386	13,919
35	56	94 789	14 551,989	206 356,367	14,181	13,713
36	57	94 362	13 731,237	191 804,378	13,968	13,501
37	58	93 902	12 951,928	178 073,140	13,749	13,282
38	59	93 400	12 211,109	165 121,213	13,522	13,055
39	60	92 852	11 506,517	152 910,104	13,289	12,822
40	61	92 250	10 836,014	141 403,586	13,049	12,582
41	62	91 619	10 200,800	130 567,572	12,800	12,333
42	63	90 942	9 597,521	120 366,772	12,541	12,074
43	64	90 208	9 023,811	110 769,251	12,275	11,808
44	65	89 404	8 477,139	101 745,440	12,002	11,535
45	66	88 529	7 956,511	93 268,301	11,722	11,255
46	67	87 576	7 460,554	85 311,790	11,435	10,968
47	68	86 537	6 987,760	77 851,236	11,141	10,674
48	69	85 440	6 539,516	70 863,477	10,836	10,369
49	70	84 251	6 112,272	64 323,961	10,524	10,057
50	71	82 962	5 705,026	58 211,689	10,204	9,736
51	72	81 563	5 316,430	52 506,663	9,876	9,409
52	73	80 078	4 947,482	47 190,232	9,538	9,071
53	74	78 489	4 596,517	42 242,751	9,190	8,723
54	75	76 762	4 260,996	37 646,233	8,835	8,368
55	76	74 878	3 939,764	33 385,237	8,474	8,007
56	77	72 794	3 630,408	29 445,474	8,111	7,644
57	78	70 529	3 334,072	25 815,066	7,743	7,276
58	79	68 030	3 048,294	22 480,994	7,375	6,908
59	80	65 235	2 770,666	19 432,699	7,014	6,547
60	81	62 149	2 501,995	16 662,034	6,659	6,192
61	82	58 814	2 244,299	14 160,039	6,309	5,842
62	83	55 239	1 998,007	11 915,740	5,964	5,497
63	84	51 400	1 762,215	9 917,733	5,628	5,161
64	85	47 318	1 537,703	8 155,518	5,304	4,837
65	86	43 041	1 325,783	6 617,814	4,992	4,524
66	87	38 612	1 127,345	5 292,031	4,694	4,227
67	88	34 137	944,746	4 164,686	4,408	3,941
68	89	29 675	778,437	3 219,940	4,136	3,669
69	90	25 308	629,263	2 441,503	3,880	3,413
70	91	21 119	497,732	1 812,240	3,641	3,174
71	92	17 191	384,037	1 314,508	3,423	2,956
72	93	13 626	288,528	930,471	3,225	2,758
73	94	10 494	210,618	641,943	3,048	2,581
74	95	7 799	148,368	431,324	2,907	2,440
75	96	5 675	102,346	282,956	2,765	2,298
76	97	4 005	68,455	180,611	2,638	2,171
77	98	2 786	45,144	112,155	2,484	2,017
78	99	1 857	28,523	67,011	2,349	1,882
79	100	1 186	17,263	38,488	2,229	1,762

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 801 188,821	18,111	17,644
1	23	99 081	93 915,390	1 701 738,226	18,120	17,653
2	24	99 032	88 975,767	1 607 822,837	18,070	17,603
3	25	99 000	84 309,767	1 518 847,070	18,015	17,548
4	26	98 969	79 889,283	1 434 537,303	17,957	17,489
5	27	98 938	75 700,924	1 354 648,020	17,895	17,428
6	28	98 907	71 731,997	1 278 947,095	17,830	17,362
7	29	98 872	67 968,408	1 207 215,098	17,761	17,294
8	30	98 838	64 402,936	1 139 246,690	17,689	17,222
9	31	98 801	61 022,339	1 074 843,754	17,614	17,147
10	32	98 761	57 817,968	1 013 821,415	17,535	17,068
11	33	98 720	54 780,528	956 003,447	17,452	16,984
12	34	98 676	51 901,548	901 222,919	17,364	16,897
13	35	98 629	49 172,685	849 321,371	17,272	16,805
14	36	98 580	46 585,966	800 148,686	17,176	16,709
15	37	98 522	44 131,280	753 562,720	17,075	16,608
16	38	98 462	41 805,061	709 431,440	16,970	16,503
17	39	98 379	39 592,243	667 626,379	16,863	16,395
18	40	98 291	37 494,840	628 034,136	16,750	16,283
19	41	98 187	35 502,396	590 539,296	16,634	16,167
20	42	98 071	33 611,848	555 036,900	16,513	16,046
21	43	97 946	31 818,786	521 425,052	16,387	15,920
22	44	97 814	30 119,369	489 606,266	16,256	15,788
23	45	97 670	28 507,181	459 486,896	16,118	15,651
24	46	97 517	26 978,584	430 979,715	15,975	15,508
25	47	97 346	25 527,302	404 001,132	15,826	15,359
26	48	97 159	24 150,183	378 473,830	15,672	15,204
27	49	96 958	22 843,723	354 323,647	15,511	15,044
28	50	96 731	21 602,190	331 479,924	15,345	14,878
29	51	96 491	20 425,132	309 877,734	15,171	14,704
30	52	96 223	19 306,491	289 452,602	14,993	14,525
31	53	95 931	18 244,542	270 146,112	14,807	14,340
32	54	95 603	17 234,268	251 901,570	14,616	14,149
33	55	95 249	16 275,225	234 667,301	14,419	13,951
34	56	94 866	15 364,721	218 392,076	14,214	13,747
35	57	94 446	14 499,327	203 027,355	14,003	13,535
36	58	93 986	13 676,418	188 528,028	13,785	13,318
37	59	93 488	12 894,802	174 851,609	13,560	13,093
38	60	92 949	12 152,129	161 956,807	13,327	12,860
39	61	92 351	11 444,486	149 804,677	13,090	12,622
40	62	91 734	10 775,386	138 360,192	12,840	12,373
41	63	91 062	10 138,814	127 584,806	12,584	12,117
42	64	90 343	9 534,327	117 445,992	12,318	11,851
43	65	89 551	8 958,051	107 911,665	12,046	11,579
44	66	88 688	8 409,218	98 953,614	11,767	11,300
45	67	87 755	7 887,007	90 544,396	11,480	11,013
46	68	86 727	7 388,228	82 657,388	11,188	10,721
47	69	85 653	6 916,381	75 269,160	10,883	10,416
48	70	84 486	6 466,455	68 352,779	10,570	10,103
49	71	83 224	6 037,803	61 886,324	10,250	9,783
50	72	81 851	5 628,634	55 848,521	9,922	9,455
51	73	80 388	5 239,824	50 219,887	9,584	9,117
52	74	78 838	4 870,881	44 980,063	9,234	8,767
53	75	77 146	4 517,878	40 109,182	8,878	8,411
54	76	75 298	4 179,749	35 591,304	8,515	8,048
55	77	73 244	3 853,774	31 411,554	8,151	7,684
56	78	71 014	3 541,637	27 557,780	7,781	7,314
57	79	68 547	3 240,384	24 016,143	7,412	6,944
58	80	65 790	2 947,934	20 775,759	7,048	6,580
59	81	62 729	2 664,250	17 827,825	6,691	6,224
60	82	59 411	2 391,751	15 163,574	6,340	5,873
61	83	55 853	2 131,317	12 771,824	5,992	5,525
62	84	52 031	1 881,959	10 640,507	5,654	5,187
63	85	47 945	1 643,758	8 758,547	5,328	4,861
64	86	43 664	1 418,960	7 114,790	5,014	4,547
65	87	39 214	1 207,911	5 695,830	4,715	4,248
66	88	34 705	1 013,269	4 487,919	4,429	3,962
67	89	30 218	836,265	3 474,650	4,155	3,688
68	90	25 790	676,525	2 638,385	3,900	3,433
69	91	21 564	536,172	1 961,859	3,659	3,192
70	92	17 585	414,444	1 425,688	3,440	2,973
71	93	13 967	312,008	1 011,243	3,241	2,774
72	94	10 775	228,169	699,236	3,065	2,597
73	95	8 026	161,087	471,067	2,924	2,457
74	96	5 857	111,420	309,981	2,782	2,315
75	97	4 146	74,765	198,561	2,656	2,189
76	98	2 895	49,489	123,796	2,501	2,034
77	99	1 937	31,387	74,306	2,367	1,900
78	100	1 243	19,096	42,919	2,248	1,780

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 796 684,891	18,069	17,602
1	24	99 059	93 895,011	1 697 251,505	18,076	17,609
2	25	99 015	88 960,679	1 603 356,494	18,023	17,556
3	26	98 982	84 294,047	1 514 395,815	17,966	17,498
4	27	98 950	79 873,739	1 430 101,768	17,905	17,437
5	28	98 916	75 684,389	1 350 228,029	17,840	17,373
6	29	98 882	71 714,108	1 274 543,640	17,773	17,305
7	30	98 847	67 950,819	1 202 829,533	17,701	17,234
8	31	98 809	64 383,813	1 134 878,714	17,627	17,160
9	32	98 769	61 002,861	1 070 494,901	17,548	17,081
10	33	98 727	57 797,902	1 009 492,039	17,466	16,999
11	34	98 684	54 761,023	951 694,137	17,379	16,912
12	35	98 637	51 881,249	896 933,114	17,288	16,821
13	36	98 590	49 152,894	845 051,865	17,192	16,725
14	37	98 534	46 564,124	795 898,971	17,093	16,625
15	38	98 477	44 110,969	749 334,847	16,987	16,520
16	39	98 404	41 780,578	705 223,878	16,879	16,412
17	40	98 320	39 568,658	663 443,300	16,767	16,300
18	41	98 225	37 469,392	623 874,642	16,650	16,183
19	42	98 112	35 475,313	586 405,250	16,530	16,063
20	43	97 990	33 583,957	550 929,937	16,405	15,937
21	44	97 858	31 790,151	517 345,980	16,274	15,807
22	45	97 714	30 088,646	485 555,829	16,138	15,670
23	46	97 561	28 475,482	455 467,183	15,995	15,528
24	47	97 393	26 944,328	426 991,701	15,847	15,380
25	48	97 206	25 490,707	400 047,372	15,694	15,227
26	49	97 004	24 111,553	374 556,665	15,534	15,067
27	50	96 782	22 802,343	350 445,113	15,369	14,902
28	51	96 541	21 559,619	327 642,769	15,197	14,730
29	52	96 278	20 380,017	306 083,150	15,019	14,552
30	53	95 986	19 259,087	285 703,133	14,835	14,368
31	54	95 669	18 194,677	266 444,046	14,644	14,177
32	55	95 315	17 182,399	248 249,369	14,448	13,981
33	56	94 933	16 221,299	231 066,969	14,245	13,777
34	57	94 522	15 309,118	214 845,670	14,034	13,567
35	58	94 069	14 441,442	199 536,552	13,817	13,350
36	59	93 571	13 616,098	185 095,110	13,594	13,127
37	60	93 036	12 832,520	171 479,012	13,363	12,896
38	61	92 448	12 086,617	158 646,492	13,126	12,659
39	62	91 834	11 380,452	146 559,875	12,878	12,411
40	63	91 177	10 709,908	135 179,422	12,622	12,155
41	64	90 463	10 072,056	124 469,515	12,358	11,891
42	65	89 684	9 464,847	114 397,459	12,087	11,619
43	66	88 833	8 886,278	104 932,612	11,808	11,341
44	67	87 913	8 335,760	96 046,334	11,522	11,055
45	68	86 904	7 810,548	87 710,574	11,230	10,763
46	69	85 841	7 312,759	79 900,026	10,926	10,459
47	70	84 696	6 839,110	72 587,268	10,614	10,146
48	71	83 457	6 387,671	65 748,157	10,293	9,826
49	72	82 110	5 956,955	59 360,487	9,965	9,498
50	73	80 672	5 547,529	53 403,532	9,627	9,159
51	74	79 144	5 158,697	47 856,003	9,277	8,810
52	75	77 489	4 787,548	42 697,306	8,918	8,451
53	76	75 675	4 431,733	37 909,758	8,554	8,087
54	77	73 654	4 088,522	33 478,024	8,188	7,721
55	78	71 453	3 759,542	29 389,503	7,817	7,350
56	79	69 018	3 442,116	25 629,961	7,446	6,979
57	80	66 290	3 133,700	22 187,844	7,080	6,613
58	81	63 263	2 834,710	19 054,144	6,722	6,255
59	82	59 965	2 546,856	16 219,434	6,368	5,901
60	83	56 420	2 271,346	13 672,577	6,020	5,552
61	84	52 609	2 007,526	11 401,231	5,679	5,212
62	85	48 533	1 755,452	9 393,705	5,351	4,884
63	86	44 243	1 516,824	7 638,253	5,036	4,569
64	87	39 782	1 292,803	6 121,428	4,735	4,268
65	88	35 246	1 085,683	4 828,625	4,448	3,980
66	89	30 720	896,920	3 742,943	4,173	3,706
67	90	26 261	726,783	2 846,022	3,916	3,449
68	91	21 975	576,442	2 119,239	3,676	3,209
69	92	17 955	446,451	1 542,797	3,456	2,989
70	93	14 287	336,712	1 096,346	3,256	2,789
71	94	11 045	246,736	759,634	3,079	2,612
72	95	8 241	174,510	512,898	2,939	2,472
73	96	6 027	120,971	338,388	2,797	2,330
74	97	4 278	81,394	217,417	2,671	2,204
75	98	2 997	54,051	136,024	2,517	2,049
76	99	2 013	34,409	81,973	2,382	1,915
77	100	1 297	21,013	47,564	2,264	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 791 917,243	18,025	17,558
1	25	99 042	93 879,090	1 692 505,433	18,029	17,561
2	26	98 997	88 944,092	1 598 626,343	17,973	17,506
3	27	98 962	84 277,645	1 509 682,252	17,913	17,446
4	28	98 928	79 856,292	1 425 404,607	17,850	17,382
5	29	98 892	75 665,514	1 345 548,314	17,783	17,316
6	30	98 857	71 695,549	1 269 882,800	17,712	17,245
7	31	98 817	67 930,642	1 198 187,251	17,638	17,171
8	32	98 777	64 363,262	1 130 256,609	17,561	17,093
9	33	98 735	60 981,690	1 065 893,347	17,479	17,012
10	34	98 692	57 777,323	1 004 911,657	17,393	16,926
11	35	98 646	54 739,606	947 134,333	17,303	16,835
12	36	98 597	51 860,367	892 394,728	17,208	16,740
13	37	98 543	49 129,849	840 534,361	17,108	16,641
14	38	98 489	46 542,694	791 404,511	17,004	16,537
15	39	98 419	44 085,135	744 861,817	16,896	16,429
16	40	98 346	41 755,689	700 776,682	16,783	16,316
17	41	98 254	39 541,803	659 020,993	16,666	16,199
18	42	98 150	37 440,808	619 479,191	16,546	16,078
19	43	98 031	35 445,875	582 038,382	16,420	15,953
20	44	97 902	33 553,734	546 592,507	16,290	15,823
21	45	97 758	31 757,724	513 038,774	16,155	15,688
22	46	97 605	30 055,189	481 281,050	16,013	15,546
23	47	97 437	28 439,326	451 225,861	15,866	15,399
24	48	97 253	26 905,702	422 786,535	15,714	15,246
25	49	97 051	25 449,933	395 880,832	15,555	15,088
26	50	96 828	24 067,876	370 430,899	15,391	14,924
27	51	96 592	22 757,407	346 363,024	15,220	14,753
28	52	96 327	21 511,999	323 605,616	15,043	14,576
29	53	96 041	20 329,978	302 093,618	14,860	14,392
30	54	95 724	19 206,450	281 763,640	14,670	14,203
31	55	95 381	18 139,918	262 557,190	14,474	14,007
32	56	94 999	17 125,467	244 417,272	14,272	13,805
33	57	94 589	16 162,596	227 291,805	14,063	13,596
34	58	94 145	15 248,000	211 129,209	13,846	13,379
35	59	93 654	14 377,747	195 881,209	13,624	13,157
36	60	93 119	13 550,332	181 503,462	13,395	12,928
37	61	92 535	12 763,340	167 953,130	13,159	12,692
38	62	91 931	12 018,991	155 189,790	12,912	12,445
39	63	91 276	11 311,298	143 170,799	12,657	12,190
40	64	90 576	10 639,389	131 859,501	12,394	11,926
41	65	89 803	9 998,657	121 220,112	12,124	11,656
42	66	88 966	9 389,013	111 221,455	11,846	11,379
43	67	88 057	8 808,653	101 832,442	11,561	11,093
44	68	87 061	8 254,950	93 023,789	11,269	10,802
45	69	86 017	7 730,764	84 768,839	10,965	10,498
46	70	84 882	7 231,059	77 038,075	10,654	10,187
47	71	83 665	6 755,786	69 807,015	10,333	9,866
48	72	82 339	6 302,137	63 051,230	10,005	9,538
49	73	80 927	5 871,119	56 749,092	9,666	9,199
50	74	79 423	5 461,638	50 877,973	9,316	8,848
51	75	77 790	5 070,440	45 416,335	8,957	8,490
52	76	76 012	4 696,261	40 345,895	8,591	8,124
53	77	74 024	4 335,006	35 649,634	8,224	7,756
54	78	71 853	3 988,550	31 314,628	7,851	7,384
55	79	69 445	3 653,898	27 326,078	7,479	7,011
56	80	66 746	3 328,791	23 672,180	7,111	6,644
57	81	63 744	3 013,341	20 343,389	6,751	6,284
58	82	60 476	2 709,806	17 330,048	6,395	5,928
59	83	56 946	2 418,644	14 620,243	6,045	5,578
60	84	53 143	2 139,422	12 201,599	5,703	5,236
61	85	49 073	1 872,578	10 062,177	5,373	4,906
62	86	44 786	1 619,894	8 189,599	5,056	4,588
63	87	40 309	1 381,967	6 569,705	4,754	4,287
64	88	35 757	1 161,985	5 187,738	4,465	3,997
65	89	31 199	961,019	4 025,753	4,189	3,722
66	90	26 698	779,497	3 064,734	3,932	3,464
67	91	22 376	619,265	2 285,237	3,690	3,223
68	92	18 298	479,983	1 665,972	3,471	3,004
69	93	14 588	362,716	1 185,989	3,270	2,803
70	94	11 298	266,272	823,273	3,092	2,625
71	95	8 447	188,711	557,001	2,952	2,484
72	96	6 189	131,051	368,290	2,810	2,343
73	97	4 403	88,371	237,239	2,685	2,217
74	98	3 093	58,843	148,869	2,530	2,063
75	99	2 084	37,580	90,026	2,396	1,928
76	100	1 348	23,036	52,446	2,277	1,810

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 786 876,626	17,978	17,510
1	26	99 024	93 861,585	1 687 481,673	17,978	17,511
2	27	98 978	88 926,786	1 593 620,088	17,921	17,453
3	28	98 941	84 259,237	1 504 693,303	17,858	17,391
4	29	98 903	79 836,377	1 420 434,066	17,792	17,325
5	30	98 866	75 645,933	1 340 597,690	17,722	17,255
6	31	98 828	71 674,260	1 264 951,757	17,649	17,181
7	32	98 786	67 908,959	1 193 277,496	17,572	17,105
8	33	98 743	64 340,925	1 125 368,537	17,491	17,024
9	34	98 700	60 959,978	1 061 027,612	17,405	16,938
10	35	98 653	57 754,726	1 000 067,634	17,316	16,849
11	36	98 606	54 717,574	942 312,908	17,221	16,754
12	37	98 551	51 836,053	887 595,335	17,123	16,656
13	38	98 498	49 107,238	835 759,282	17,019	16,552
14	39	98 431	46 515,436	786 652,044	16,912	16,444
15	40	98 360	44 058,874	740 136,608	16,799	16,332
16	41	98 279	41 727,349	696 077,734	16,682	16,214
17	42	98 179	39 511,638	654 350,385	16,561	16,094
18	43	98 068	37 409,739	614 838,747	16,435	15,968
19	44	97 943	35 413,976	577 429,008	16,305	15,838
20	45	97 802	33 519,507	542 015,031	16,170	15,703
21	46	97 649	31 722,411	508 495,524	16,030	15,562
22	47	97 481	30 017,027	476 773,113	15,883	15,416
23	48	97 298	28 398,557	446 756,086	15,732	15,264
24	49	97 098	26 862,665	418 357,529	15,574	15,107
25	50	96 875	25 403,832	391 494,864	15,411	14,944
26	51	96 637	24 020,446	366 091,033	15,241	14,774
27	52	96 378	22 707,141	342 070,587	15,064	14,597
28	53	96 091	21 459,180	319 363,445	14,882	14,415
29	54	95 779	20 274,413	297 904,265	14,694	14,226
30	55	95 436	19 148,645	277 629,852	14,499	14,031
31	56	95 065	18 079,813	258 481,207	14,297	13,829
32	57	94 656	17 063,492	240 401,393	14,089	13,621
33	58	94 212	16 098,071	223 337,901	13,874	13,406
34	59	93 730	15 180,748	207 239,830	13,651	13,184
35	60	93 202	14 308,302	192 059,083	13,423	12,956
36	61	92 617	13 477,282	177 750,780	13,189	12,722
37	62	92 017	12 691,928	164 273,499	12,943	12,476
38	63	91 372	11 945,956	151 581,571	12,689	12,222
39	64	90 675	11 236,819	139 635,615	12,427	11,959
40	65	89 916	10 561,856	128 398,795	12,157	11,690
41	66	89 084	9 918,546	117 836,939	11,880	11,413
42	67	88 189	9 306,996	107 918,393	11,595	11,128
43	68	87 204	8 723,258	98 611,397	11,304	10,837
44	69	86 171	8 170,627	89 888,139	11,001	10,534
45	70	85 056	7 644,395	81 717,512	10,690	10,223
46	71	83 848	7 142,960	74 073,117	10,370	9,903
47	72	82 544	6 665,323	66 930,157	10,042	9,574
48	73	81 153	6 211,328	60 264,834	9,702	9,235
49	74	79 674	5 780,218	54 053,506	9,351	8,884
50	75	78 064	5 368,198	48 273,288	8,992	8,525
51	76	76 306	4 973,759	42 905,090	8,626	8,159
52	77	74 353	4 593,760	37 931,331	8,257	7,790
53	78	72 214	4 229,007	33 337,570	7,883	7,416
54	79	69 834	3 876,470	29 108,563	7,509	7,042
55	80	67 159	3 533,600	25 232,093	7,141	6,673
56	81	64 182	3 200,938	21 698,493	6,779	6,312
57	82	60 935	2 880,565	18 497,555	6,422	5,954
58	83	57 431	2 573,390	15 616,989	6,069	5,601
59	84	53 639	2 278,164	13 043,599	5,725	5,258
60	85	49 570	1 995,608	10 765,435	5,395	4,927
61	86	45 283	1 727,975	8 769,827	5,075	4,608
62	87	40 804	1 475,873	7 041,852	4,771	4,304
63	88	36 230	1 242,126	5 565,979	4,481	4,014
64	89	31 651	1 028,560	4 323,853	4,204	3,737
65	90	27 115	835,204	3 295,293	3,945	3,478
66	91	22 748	664,181	2 460,089	3,704	3,237
67	92	18 632	515,640	1 795,908	3,483	3,016
68	93	14 866	389,958	1 280,268	3,283	2,816
69	94	11 536	286,836	890,310	3,104	2,637
70	95	8 641	203,652	603,474	2,963	2,496
71	96	6 344	141,715	399,821	2,821	2,354
72	97	4 521	95,735	258,106	2,696	2,229
73	98	3 183	63,887	162,372	2,542	2,074
74	99	2 150	40,912	98,484	2,407	1,940
75	100	1 395	25,159	57,572	2,288	1,821

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	94 450,560	1 755 237,682	18,584	18,116
2	1	99 313	89 227,988	1 660 787,122	18,613	18,146
3	2	99 275	84 543,561	1 571 559,134	18,589	18,122
4	3	99 250	80 116,219	1 487 015,573	18,561	18,094
5	4	99 227	75 921,690	1 406 899,354	18,531	18,064
6	5	99 208	71 950,362	1 330 977,664	18,499	18,031
7	6	99 191	68 187,209	1 259 027,302	18,464	17,997
8	7	99 176	64 622,730	1 190 840,093	18,428	17,960
9	8	99 163	61 245,763	1 126 217,363	18,388	17,921
10	9	99 149	58 044,594	1 064 971,601	18,347	17,880
11	10	99 135	55 010,781	1 006 927,007	18,304	17,837
12	11	99 120	52 135,175	951 916,226	18,259	17,791
13	12	99 105	49 409,674	899 781,051	18,211	17,743
14	13	99 087	46 825,631	850 371,377	18,160	17,693
15	14	99 067	44 375,319	803 545,746	18,108	17,641
16	15	99 042	42 051,179	759 170,427	18,053	17,586
17	16	99 004	39 843,686	717 119,248	17,998	17,531
18	17	98 961	37 750,126	677 275,562	17,941	17,474
19	18	98 908	35 763,156	639 525,436	17,882	17,415
20	19	98 847	33 877,671	603 762,280	17,822	17,355
21	20	98 783	32 090,867	569 884,609	17,758	17,291
22	21	98 721	30 398,651	537 793,742	17,691	17,224
23	22	98 660	28 796,123	507 395,091	17,620	17,153
24	23	98 598	27 277,648	478 598,968	17,545	17,078
25	24	98 528	25 837,484	451 321,320	17,468	17,001
26	25	98 464	24 474,572	425 483,835	17,385	16,918
27	26	98 399	23 183,331	401 009,263	17,297	16,830
28	27	98 328	21 958,852	377 825,932	17,206	16,739
29	28	98 256	20 798,813	355 867,080	17,110	16,643
30	29	98 175	19 698,312	335 068,267	17,010	16,543
31	30	98 093	18 655,800	315 369,955	16,905	16,437
32	31	97 997	17 665,803	296 714,155	16,796	16,329
33	32	97 897	16 727,766	279 048,351	16,682	16,215
34	33	97 793	15 838,945	262 320,585	16,562	16,095
35	34	97 680	14 995,787	246 481,640	16,437	15,970
36	35	97 555	14 195,844	231 485,853	16,307	15,839
37	36	97 429	13 438,426	217 290,009	16,169	15,702
38	37	97 292	12 719,943	203 851,583	16,026	15,559
39	38	97 145	12 038,621	191 131,641	15,877	15,409
40	39	96 983	11 391,886	179 093,019	15,721	15,254
41	40	96 803	10 778,002	167 701,133	15,560	15,092
42	41	96 609	10 195,660	156 923,131	15,391	14,924
43	42	96 392	9 642,371	146 727,472	15,217	14,750
44	43	96 154	9 117,149	137 085,101	15,036	14,569
45	44	95 895	8 618,567	127 967,952	14,848	14,381
46	45	95 601	8 144,242	119 349,384	14,654	14,187
47	46	95 286	7 694,230	111 205,143	14,453	13,986
48	47	94 929	7 265,743	103 510,913	14,246	13,779
49	48	94 529	6 857,936	96 245,171	14,034	13,567
50	49	94 081	6 469,592	89 387,235	13,817	13,349
51	50	93 580	6 099,673	82 917,643	13,594	13,127
52	51	93 035	5 748,008	76 817,970	13,364	12,897
53	52	92 418	5 412,257	71 069,961	13,131	12,664
54	53	91 732	5 091,988	65 657,704	12,894	12,427
55	54	90 971	4 786,507	60 565,716	12,653	12,186
56	55	90 140	4 495,508	55 779,209	12,408	11,941
57	56	89 227	4 218,018	51 283,700	12,158	11,691
58	57	88 234	3 953,614	47 065,682	11,904	11,437
59	58	87 140	3 701,036	43 112,068	11,649	11,181
60	59	85 953	3 460,310	39 411,033	11,389	10,922
61	60	84 679	3 231,298	35 950,723	11,126	10,659
62	61	83 297	3 012,856	32 719,425	10,860	10,393
63	62	81 827	2 805,372	29 706,568	10,589	10,122
64	63	80 267	2 608,424	26 901,196	10,313	9,846
65	64	78 600	2 421,094	24 292,773	10,034	9,567
66	65	76 828	2 243,144	21 871,679	9,750	9,283
67	66	74 967	2 074,691	19 628,536	9,461	8,994
68	67	72 978	1 914,355	17 553,845	9,170	8,702
69	68	70 918	1 763,355	15 639,490	8,869	8,402
70	69	68 746	1 620,215	13 876,135	8,564	8,097
71	70	66 455	1 484,568	12 255,920	8,256	7,788
72	71	64 044	1 356,125	10 771,351	7,943	7,476
73	72	61 534	1 235,052	9 415,226	7,623	7,156
74	73	58 931	1 121,149	8 180,174	7,296	6,829
75	74	56 225	1 013,898	7 059,025	6,962	6,495
76	75	53 382	912,452	6 045,127	6,625	6,158
77	76	50 393	816,457	5 132,675	6,287	5,819
78	77	47 260	725,771	4 316,219	5,947	5,480
79	78	43 972	640,080	3 590,447	5,609	5,142
80	79	40 502	558,836	2 950,367	5,279	4,812
81	80	36 874	482,252	2 391,531	4,959	4,492
82	81	33 099	410,309	1 909,280	4,653	4,186
83	82	29 275	343,983	1 498,971	4,358	3,891
84	83	25 443	283,379	1 154,987	4,076	3,609
85	84	21 681	228,887	871,609	3,808	3,341
86	85	18 049	180,613	642,722	3,559	3,091
87	86	14 656	139,016	462,109	3,324	2,857
88	87	11 578	104,088	323,092	3,104	2,637
89	88	8 871	75,595	219,004	2,897	2,430
90	89	6 577	53,123	143,409	2,700	2,232
91	90	4 689	35,904	90,286	2,515	2,047
92	91	3 187	23,128	54,382	2,351	1,884
93	92	2 059	14,161	31,254	2,207	1,740
94	93	1 265	8,246	17,093	2,073	1,606
95	94	727	4,491	8,847	1,970	1,503
96	95	397	2,325	4,356	1,874	1,407
97	96	205	1,137	2,032	1,786	1,319
98	97	99	0,521	0,894	1,716	1,248
99	98	46	0,228	0,373	1,636	1,168
100	99	20	0,092	0,145	1,567	1,100

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	89 502,210	1 661 957,197	18,569	18,102
3	1	99 297	84 563,100	1 572 454,987	18,595	18,128
4	2	99 262	80 125,760	1 487 891,887	18,569	18,102
5	3	99 238	75 930,736	1 407 766,127	18,540	18,073
6	4	99 217	71 956,906	1 331 835,391	18,509	18,042
7	5	99 198	68 192,323	1 259 878,485	18,475	18,008
8	6	99 182	64 626,984	1 191 686,162	18,439	17,972
9	7	99 168	61 248,782	1 127 059,178	18,401	17,934
10	8	99 155	58 048,187	1 065 810,396	18,361	17,894
11	9	99 141	55 014,341	1 007 762,209	18,318	17,851
12	10	99 126	52 138,264	952 747,868	18,273	17,806
13	11	99 112	49 413,355	900 609,604	18,226	17,759
14	12	99 095	46 829,336	851 196,249	18,177	17,709
15	13	99 075	44 379,124	804 366,913	18,125	17,658
16	14	99 052	42 055,592	759 987,790	18,071	17,604
17	15	99 016	39 848,671	717 932,198	18,016	17,549
18	16	98 975	37 755,454	678 083,526	17,960	17,493
19	17	98 923	35 768,393	640 328,073	17,902	17,435
20	18	98 867	33 884,571	604 559,680	17,842	17,375
21	19	98 802	32 097,063	570 675,108	17,780	17,312
22	20	98 739	30 404,280	538 578,046	17,714	17,247
23	21	98 676	28 800,891	508 173,765	17,644	17,177
24	22	98 615	27 282,369	479 372,874	17,571	17,104
25	23	98 550	25 843,092	452 090,505	17,494	17,026
26	24	98 481	24 478,723	426 247,413	17,413	16,946
27	25	98 418	23 187,655	401 768,690	17,327	16,860
28	26	98 347	21 963,126	378 581,035	17,237	16,770
29	27	98 278	20 803,357	356 617,909	17,142	16,675
30	28	98 200	19 703,226	335 814,552	17,044	16,576
31	29	98 119	18 660,629	316 111,327	16,940	16,473
32	30	98 026	17 671,051	297 450,698	16,833	16,365
33	31	97 928	16 733,107	279 779,647	16,720	16,253
34	32	97 827	15 844,444	263 046,540	16,602	16,135
35	33	97 715	15 001,128	247 202,096	16,479	16,012
36	34	97 593	14 201,398	232 200,968	16,351	15,883
37	35	97 468	13 443,837	217 999,570	16,216	15,748
38	36	97 338	12 725,909	204 555,733	16,074	15,607
39	37	97 190	12 044,164	191 829,823	15,927	15,460
40	38	97 039	11 398,562	179 785,659	15,773	15,305
41	39	96 861	10 784,426	168 387,098	15,614	15,147
42	40	96 675	10 202,584	157 602,671	15,447	14,980
43	41	96 465	9 649,733	147 400,087	15,275	14,808
44	42	96 234	9 124,721	137 750,355	15,096	14,629
45	43	95 981	8 626,330	128 625,634	14,911	14,444
46	44	95 699	8 152,558	119 999,304	14,719	14,252
47	45	95 392	7 702,795	111 846,746	14,520	14,053
48	46	95 050	7 274,980	104 143,951	14,315	13,848
49	47	94 664	6 867,781	96 868,971	14,105	13,638
50	48	94 231	6 479,957	90 001,190	13,889	13,422
51	49	93 750	6 110,743	83 521,233	13,668	13,201
52	50	93 218	5 759,358	77 410,491	13,441	12,974
53	51	92 623	5 424,238	71 651,133	13,209	12,742
54	52	91 958	5 104,521	66 226,894	12,974	12,507
55	53	91 221	4 799,625	61 122,373	12,735	12,268
56	54	90 412	4 509,079	56 322,748	12,491	12,024
57	55	89 524	4 232,040	51 813,669	12,243	11,776
58	56	88 555	3 967,974	47 581,628	11,991	11,524
59	57	87 489	3 715,871	43 613,655	11,737	11,270
60	58	86 334	3 475,640	39 897,784	11,479	11,012
61	59	85 090	3 246,981	36 422,145	11,217	10,750
62	60	83 749	3 029,187	33 175,164	10,952	10,485
63	61	82 287	2 821,157	30 145,977	10,686	10,218
64	62	80 757	2 624,371	27 324,820	10,412	9,945
65	63	79 121	2 437,141	24 700,450	10,135	9,668
66	64	77 392	2 259,610	22 263,309	9,853	9,386
67	65	75 572	2 091,448	20 003,699	9,565	9,097
68	66	73 621	1 931,225	17 912,250	9,275	8,808
69	67	71 613	1 780,617	15 981,025	8,975	8,508
70	68	69 455	1 636,936	14 200,409	8,675	8,208
71	69	67 205	1 501,342	12 563,473	8,368	7,901
72	70	64 834	1 372,851	11 062,131	8,058	7,591
73	71	62 369	1 251,814	9 689,279	7,740	7,273
74	72	59 793	1 137,540	8 437,465	7,417	6,950
75	73	57 109	1 029,843	7 299,925	7,088	6,621
76	74	54 311	928,334	6 270,082	6,754	6,287
77	75	51 373	832,327	5 341,748	6,418	5,951
78	76	48 314	741,966	4 509,421	6,078	5,610
79	77	45 074	656,123	3 767,455	5,742	5,275
80	78	41 673	574,993	3 111,332	5,411	4,944
81	79	38 130	498,670	2 536,339	5,086	4,619
82	80	34 421	426,698	2 037,669	4,775	4,308
83	81	30 624	359,838	1 610,971	4,477	4,010
84	82	26 792	298,400	1 251,133	4,193	3,726
85	83	23 018	243,001	952,733	3,921	3,454
86	84	19 350	193,629	709,731	3,665	3,198
87	85	15 883	150,650	516,103	3,426	2,959
88	86	12 707	114,245	365,453	3,199	2,732
89	87	9 869	84,106	251,208	2,987	2,520
90	88	7 430	60,014	167,102	2,784	2,317
91	89	5 396	41,312	107,088	2,592	2,125
92	90	3 740	27,144	65,775	2,423	1,956
93	91	2 472	17,007	38,631	2,272	1,804
94	92	1 557	10,150	21,624	2,131	1,663
95	93	919	5,678	11,475	2,021	1,554
96	94	519	3,039	5,796	1,907	1,440
97	95	273	1,515	2,757	1,820	1,353
98	96	136	0,714	1,242	1,740	1,273
99	97	63	0,315	0,528	1,675	1,208
100	98	28	0,133	0,213	1,601	1,133

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	84 822,986	1 573 537,580	18,551	18,084
4	1	99 285	80 144,278	1 488 714,594	18,575	18,108
5	2	99 250	75 939,779	1 408 570,317	18,549	18,081
6	3	99 229	71 965,479	1 332 630,538	18,518	18,050
7	4	99 207	68 198,524	1 260 665,058	18,485	18,018
8	5	99 190	64 631,831	1 192 466,534	18,450	17,983
9	6	99 174	61 252,814	1 127 834,703	18,413	17,946
10	7	99 160	58 051,049	1 066 581,889	18,373	17,906
11	8	99 147	55 017,747	1 008 530,840	18,331	17,864
12	9	99 132	52 141,638	953 513,093	18,287	17,820
13	10	99 118	49 416,283	901 371,455	18,240	17,773
14	11	99 103	46 832,824	851 955,172	18,191	17,724
15	12	99 083	44 382,635	805 122,348	18,140	17,673
16	13	99 060	42 059,197	760 739,713	18,087	17,620
17	14	99 026	39 852,853	718 680,516	18,033	17,566
18	15	98 987	37 760,177	678 827,662	17,977	17,510
19	16	98 937	35 773,441	641 067,485	17,920	17,453
20	17	98 881	33 889,533	605 294,044	17,861	17,394
21	18	98 822	32 103,600	571 404,511	17,799	17,332
22	19	98 758	30 410,150	539 300,911	17,734	17,267
23	20	98 694	28 806,225	508 890,760	17,666	17,199
24	21	98 631	27 286,887	480 084,535	17,594	17,127
25	22	98 567	25 847,565	452 797,648	17,518	17,051
26	23	98 502	24 484,036	426 950,083	17,438	16,971
27	24	98 434	23 191,587	402 466,047	17,354	16,887
28	25	98 366	21 967,222	379 274,460	17,265	16,798
29	26	98 297	20 807,405	357 307,238	17,172	16,705
30	27	98 221	19 707,531	336 499,833	17,075	16,607
31	28	98 143	18 665,284	316 792,302	16,972	16,505
32	29	98 051	17 675,625	298 127,018	16,867	16,399
33	30	97 957	16 738,077	280 451,394	16,755	16,288
34	31	97 859	15 849,503	263 713,316	16,639	16,171
35	32	97 749	15 006,336	247 863,813	16,517	16,050
36	33	97 628	14 206,456	232 857,477	16,391	15,924
37	34	97 507	13 449,097	218 651,021	16,258	15,790
38	35	97 377	12 731,033	205 201,924	16,118	15,651
39	36	97 236	12 049,814	192 470,891	15,973	15,506
40	37	97 084	11 403,810	180 421,077	15,821	15,354
41	38	96 918	10 790,746	169 017,267	15,663	15,196
42	39	96 732	10 208,665	158 226,521	15,499	15,032
43	40	96 531	9 656,286	148 017,856	15,329	14,861
44	41	96 307	9 131,687	138 361,569	15,152	14,685
45	42	96 061	8 633,494	129 229,882	14,968	14,501
46	43	95 785	8 159,901	120 596,388	14,779	14,312
47	44	95 490	7 710,660	112 436,487	14,582	14,115
48	45	95 155	7 283,078	104 725,827	14,379	13,912
49	46	94 785	6 876,512	97 442,749	14,170	13,703
50	47	94 367	6 489,260	90 566,236	13,956	13,489
51	48	93 900	6 120,533	84 076,977	13,737	13,270
52	49	93 388	5 769,810	77 956,444	13,511	13,044
53	50	92 806	5 434,949	72 186,634	13,282	12,815
54	51	92 161	5 115,821	66 751,685	13,048	12,581
55	52	91 445	4 811,439	61 635,864	12,810	12,343
56	53	90 660	4 521,437	56 824,425	12,568	12,101
57	54	89 794	4 244,815	52 302,989	12,322	11,854
58	55	88 849	3 981,165	48 058,173	12,071	11,604
59	56	87 807	3 729,367	44 077,008	11,819	11,352
60	57	86 680	3 489,571	40 347,641	11,562	11,095
61	58	85 467	3 261,365	36 858,071	11,301	10,834
62	59	84 155	3 043,889	33 596,705	11,037	10,570
63	60	82 733	2 836,448	30 552,817	10,772	10,304
64	61	81 212	2 639,137	27 716,369	10,502	10,035
65	62	79 604	2 452,041	25 077,231	10,227	9,760
66	63	77 905	2 274,587	22 625,191	9,947	9,480
67	64	76 127	2 106,801	20 350,604	9,659	9,192
68	65	74 215	1 946,823	18 243,802	9,371	8,904
69	66	72 244	1 796,308	16 296,979	9,072	8,605
70	67	70 135	1 652,961	14 500,671	8,773	8,305
71	68	67 899	1 516,836	12 847,710	8,470	8,003
72	69	65 566	1 388,362	11 330,874	8,161	7,694
73	70	63 138	1 267,254	9 942,512	7,846	7,379
74	71	60 604	1 152,979	8 675,258	7,524	7,057
75	72	57 944	1 044,899	7 522,279	7,199	6,732
76	73	55 166	942,933	6 477,380	6,869	6,402
77	74	52 267	846,815	5 534,447	6,536	6,068
78	75	49 253	756,388	4 687,632	6,197	5,730
79	76	46 080	670,763	3 931,244	5,861	5,394
80	77	42 718	589,405	3 260,480	5,532	5,065
81	78	39 232	513,088	2 671,075	5,206	4,739
82	79	35 593	441,224	2 157,987	4,891	4,424
83	80	31 847	374,211	1 716,763	4,588	4,121
84	81	28 027	312,155	1 342,552	4,301	3,834
85	82	24 238	255,883	1 030,397	4,027	3,560
86	83	20 543	205,569	774,515	3,768	3,300
87	84	17 028	161,506	568,946	3,523	3,056
88	85	13 771	123,806	407,440	3,291	2,824
89	86	10 833	92,313	283,634	3,073	2,605
90	87	8 266	66,771	191,321	2,865	2,398
91	88	6 096	46,672	124,550	2,669	2,201
92	89	4 304	31,233	77,879	2,493	2,026
93	90	2 902	19,960	46,646	2,337	1,870
94	91	1 869	12,190	26,686	2,189	1,722
95	92	1 131	6,989	14,497	2,074	1,607
96	93	656	3,843	7,507	1,953	1,486
97	94	357	1,980	3,664	1,850	1,383
98	95	181	0,950	1,683	1,771	1,304
99	96	87	0,432	0,733	1,697	1,230
100	97	39	0,184	0,301	1,637	1,170

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	80 390,583	1 489 715,866	18,531	18,064
5	1	99 273	75 957,329	1 409 325,282	18,554	18,087
6	2	99 241	71 974,050	1 333 367,953	18,526	18,058
7	3	99 219	68 206,650	1 261 393,903	18,494	18,027
8	4	99 199	64 637,708	1 193 187,253	18,460	17,992
9	5	99 182	61 257,408	1 128 549,544	18,423	17,956
10	6	99 166	58 054,871	1 067 292,136	18,384	17,917
11	7	99 152	55 020,459	1 009 237,266	18,343	17,876
12	8	99 138	52 144,866	954 216,806	18,299	17,832
13	9	99 124	49 419,481	902 071,940	18,253	17,786
14	10	99 108	46 835,599	852 652,459	18,205	17,738
15	11	99 091	44 385,941	805 816,860	18,155	17,688
16	12	99 068	42 062,525	761 430,919	18,102	17,635
17	13	99 035	39 856,270	719 368,394	18,049	17,582
18	14	98 997	37 764,140	679 512,124	17,994	17,526
19	15	98 949	35 777,917	641 747,984	17,937	17,470
20	16	98 895	33 894,316	605 970,067	17,878	17,411
21	17	98 837	32 108,301	572 075,751	17,817	17,350
22	18	98 778	30 416,344	539 967,450	17,753	17,285
23	19	98 714	28 811,787	509 551,106	17,686	17,218
24	20	98 649	27 291,940	480 739,319	17,615	17,148
25	21	98 583	25 851,845	453 447,378	17,540	17,073
26	22	98 519	24 488,274	427 595,534	17,461	16,994
27	23	98 456	23 196,621	403 107,260	17,378	16,911
28	24	98 382	21 970,947	379 910,639	17,292	16,824
29	25	98 315	20 811,286	357 939,692	17,199	16,732
30	26	98 240	19 711,366	337 128,406	17,103	16,636
31	27	98 165	18 669,362	317 417,041	17,002	16,535
32	28	98 076	17 680,034	298 747,679	16,897	16,430
33	29	97 983	16 742,410	281 067,645	16,788	16,321
34	30	97 888	15 854,211	264 325,235	16,672	16,205
35	31	97 780	15 011,128	248 471,024	16,552	16,085
36	32	97 662	14 211,388	233 459,896	16,428	15,960
37	33	97 541	13 453,887	219 248,508	16,296	15,829
38	34	97 415	12 736,015	205 794,621	16,158	15,691
39	35	97 275	12 054,666	193 058,606	16,015	15,548
40	36	97 130	11 409,159	181 003,941	15,865	15,398
41	37	96 962	10 795,714	169 594,782	15,709	15,242
42	38	96 789	10 214,648	158 799,067	15,546	15,079
43	39	96 588	9 662,042	148 584,420	15,378	14,911
44	40	96 373	9 137,889	138 922,378	15,203	14,736
45	41	96 134	8 640,086	129 784,489	15,021	14,554
46	42	95 865	8 166,678	121 144,403	14,834	14,367
47	43	95 576	7 717,605	112 977,725	14,639	14,172
48	44	95 252	7 290,515	105 260,120	14,438	13,971
49	45	94 890	6 884,167	97 969,605	14,231	13,764
50	46	94 487	6 497,510	91 085,438	14,019	13,551
51	47	94 035	6 129,320	84 587,928	13,801	13,333
52	48	93 537	5 779,054	78 458,609	13,576	13,109
53	49	92 974	5 444,812	72 679,555	13,348	12,881
54	50	92 343	5 125,923	67 234,743	13,117	12,649
55	51	91 647	4 822,090	62 108,821	12,880	12,413
56	52	90 883	4 532,566	57 286,731	12,639	12,172
57	53	90 040	4 256,449	52 754,165	12,394	11,927
58	54	89 117	3 993,183	48 497,716	12,145	11,678
59	55	88 099	3 741,765	44 504,533	11,894	11,427
60	56	86 995	3 502,245	40 762,769	11,639	11,172
61	57	85 810	3 274,438	37 260,524	11,379	10,912
62	58	84 528	3 057,373	33 986,086	11,116	10,649
63	59	83 135	2 850,214	30 928,712	10,851	10,384
64	60	81 652	2 653,442	28 078,498	10,582	10,115
65	61	80 052	2 465,837	25 425,056	10,311	9,844
66	62	78 381	2 288,493	22 959,219	10,032	9,565
67	63	76 632	2 120,765	20 670,725	9,747	9,280
68	64	74 760	1 961,115	18 549,960	9,459	8,992
69	65	72 827	1 810,817	16 588,845	9,161	8,694
70	66	70 753	1 667,527	14 778,029	8,862	8,395
71	67	68 564	1 531,685	13 110,501	8,560	8,092
72	68	66 243	1 402,691	11 578,817	8,255	7,788
73	69	63 852	1 281,572	10 176,126	7,940	7,473
74	70	61 352	1 167,199	8 894,554	7,620	7,153
75	71	58 730	1 059,080	7 727,354	7,296	6,829
76	72	55 972	956,719	6 668,274	6,970	6,503
77	73	53 089	860,132	5 711,555	6,640	6,173
78	74	50 111	769,554	4 851,423	6,304	5,837
79	75	46 976	683,802	4 081,869	5,969	5,502
80	76	43 671	602,557	3 398,067	5,639	5,172
81	77	40 215	525,948	2 795,510	5,315	4,848
82	78	36 622	453,981	2 269,562	4,999	4,532
83	79	32 931	386,951	1 815,581	4,692	4,225
84	80	29 146	324,623	1 428,631	4,401	3,934
85	81	25 355	267,677	1 104,008	4,124	3,657
86	82	21 632	216,466	836,331	3,864	3,396
87	83	18 078	171,466	619,865	3,615	3,148
88	84	14 763	132,728	448,399	3,378	2,911
89	85	11 739	100,038	315,671	3,156	2,688
90	86	9 073	73,287	215,633	2,942	2,475
91	87	6 782	51,926	142,347	2,741	2,274
92	88	4 862	35,284	90,421	2,563	2,095
93	89	3 339	22,966	55,136	2,401	1,934
94	90	2 194	14,306	32,170	2,249	1,782
95	91	1 358	8,394	17,864	2,128	1,661
96	92	808	4,731	9,470	2,002	1,535
97	93	451	2,504	4,739	1,893	1,425
98	94	236	1,243	2,235	1,799	1,332
99	95	115	0,575	0,993	1,726	1,259
100	96	53	0,252	0,418	1,658	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	76 190,767	1 410 251,081	18,509	18,042
6	1	99 264	71 990,684	1 334 060,314	18,531	18,064
7	2	99 231	68 214,773	1 262 069,630	18,501	18,034
8	3	99 210	64 645,410	1 193 854,856	18,468	18,001
9	4	99 191	61 262,979	1 129 209,446	18,432	17,965
10	5	99 174	58 059,225	1 067 946,468	18,394	17,927
11	6	99 158	55 024,081	1 009 887,243	18,354	17,886
12	7	99 143	52 147,437	954 863,161	18,311	17,844
13	8	99 130	49 422,541	902 715,725	18,265	17,798
14	9	99 115	46 838,630	853 293,184	18,218	17,751
15	10	99 096	44 388,571	806 454,554	18,168	17,701
16	11	99 076	42 065,658	762 065,983	18,116	17,649
17	12	99 043	39 859,423	720 000,324	18,063	17,596
18	13	99 006	37 767,378	680 140,901	18,009	17,542
19	14	98 959	35 781,671	642 373,524	17,953	17,485
20	15	98 908	33 898,557	606 591,852	17,894	17,427
21	16	98 851	32 112,833	572 693,295	17,834	17,367
22	17	98 793	30 420,799	540 580,463	17,770	17,303
23	18	98 734	28 817,655	510 159,664	17,703	17,236
24	19	98 668	27 297,209	481 342,009	17,633	17,166
25	20	98 601	25 856,633	454 044,800	17,560	17,093
26	21	98 536	24 492,328	428 188,167	17,483	17,015
27	22	98 473	23 200,636	403 695,839	17,400	16,933
28	23	98 404	21 975,716	380 495,203	17,314	16,847
29	24	98 332	20 814,815	358 519,488	17,224	16,757
30	25	98 259	19 715,042	337 704,672	17,129	16,662
31	26	98 184	18 672,995	317 989,630	17,029	16,562
32	27	98 097	17 683,897	299 316,635	16,926	16,459
33	28	98 007	16 746,586	281 632,738	16,817	16,350
34	29	97 913	15 858,314	264 886,152	16,703	16,236
35	30	97 809	15 015,586	249 027,837	16,585	16,117
36	31	97 693	14 215,926	234 012,251	16,461	15,994
37	32	97 575	13 458,558	219 796,325	16,331	15,864
38	33	97 450	12 740,551	206 337,767	16,195	15,728
39	34	97 313	12 059,382	193 597,217	16,054	15,586
40	35	97 169	11 413,753	181 537,834	15,905	15,438
41	36	97 008	10 800,778	170 124,081	15,751	15,284
42	37	96 834	10 219,351	159 323,303	15,590	15,123
43	38	96 645	9 667,704	149 103,952	15,423	14,956
44	39	96 430	9 143,336	139 436,248	15,250	14,783
45	40	96 200	8 645,954	130 292,913	15,070	14,603
46	41	95 938	8 172,913	121 646,959	14,884	14,417
47	42	95 655	7 724,015	113 474,046	14,691	14,224
48	43	95 338	7 297,082	105 750,032	14,492	14,025
49	44	94 987	6 891,197	98 452,950	14,287	13,820
50	45	94 592	6 504,743	91 561,753	14,076	13,609
51	46	94 154	6 137,112	85 057,011	13,859	13,392
52	47	93 672	5 787,350	78 919,899	13,637	13,169
53	48	93 123	5 453,535	73 132,548	13,410	12,943
54	49	92 511	5 135,225	67 679,013	13,179	12,712
55	50	91 828	4 831,611	62 543,789	12,945	12,478
56	51	91 084	4 542,599	57 712,177	12,705	12,237
57	52	90 262	4 266,925	53 169,578	12,461	11,994
58	53	89 362	4 004,127	48 902,653	12,213	11,746
59	54	88 365	3 753,060	44 898,526	11,963	11,496
60	55	87 284	3 513,888	41 145,466	11,709	11,242
61	56	86 121	3 286,331	37 631,578	11,451	10,984
62	57	84 867	3 069,628	34 345,247	11,189	10,722
63	58	83 503	2 862,841	31 275,619	10,925	10,457
64	59	82 048	2 666,320	28 412,778	10,656	10,189
65	60	80 486	2 479,203	25 746,457	10,385	9,918
66	61	78 822	2 301,370	23 267,255	10,110	9,643
67	62	77 100	2 133,731	20 965,885	9,826	9,359
68	63	75 256	1 974,113	18 832,154	9,540	9,072
69	64	73 362	1 824,110	16 858,041	9,242	8,775
70	65	71 325	1 680,996	15 033,931	8,943	8,476
71	66	69 168	1 545,183	13 352,935	8,642	8,174
72	67	66 891	1 416,422	11 807,753	8,336	7,869
73	68	64 511	1 294,798	10 391,331	8,025	7,558
74	69	62 045	1 180,387	9 096,533	7,706	7,239
75	70	59 455	1 072,143	7 916,146	7,383	6,916
76	71	56 732	969,704	6 844,003	7,058	6,591
77	72	53 865	872,707	5 874,299	6,731	6,264
78	73	50 899	781,656	5 001,592	6,399	5,932
79	74	47 794	695,704	4 219,936	6,066	5,599
80	75	44 520	614,270	3 524,232	5,737	5,270
81	76	41 113	537,683	2 909,962	5,412	4,945
82	77	37 540	465,360	2 372,279	5,098	4,631
83	78	33 884	398,139	1 906,919	4,790	4,322
84	79	30 139	335,674	1 508,780	4,495	4,028
85	80	26 368	278,369	1 173,106	4,214	3,747
86	81	22 629	226,444	894,737	3,951	3,484
87	82	19 036	180,555	668,293	3,701	3,234
88	83	15 673	140,912	487,739	3,461	2,994
89	84	12 585	107,247	346,826	3,234	2,767
90	85	9 832	79,419	239,579	3,017	2,549
91	86	7 444	56,993	160,159	2,810	2,343
92	87	5 409	39,257	103,166	2,628	2,161
93	88	3 772	25,945	63,910	2,463	1,996
94	89	2 525	16,461	37,964	2,306	1,839
95	90	1 594	9,851	21,503	2,183	1,716
96	91	970	5,681	11,652	2,051	1,584
97	92	555	3,082	5,970	1,937	1,470
98	93	299	1,571	2,888	1,838	1,371
99	94	151	0,752	1,317	1,751	1,284
100	95	71	0,335	0,565	1,684	1,217

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	72 211,931	1 334 916,176	18,486	18,019
7	1	99 254	68 230,538	1 262 704,244	18,506	18,039
8	2	99 222	64 653,109	1 194 473,706	18,475	18,008
9	3	99 202	61 270,278	1 129 820,597	18,440	17,973
10	4	99 183	58 064,505	1 068 550,319	18,403	17,936
11	5	99 166	55 028,208	1 010 485,814	18,363	17,896
12	6	99 150	52 150,870	955 457,606	18,321	17,854
13	7	99 135	49 424,977	903 306,736	18,276	17,809
14	8	99 121	46 841,530	853 881,759	18,229	17,762
15	9	99 103	44 391,444	807 040,229	18,180	17,713
16	10	99 082	42 068,151	762 648,786	18,129	17,662
17	11	99 050	39 862,392	720 580,634	18,077	17,610
18	12	99 014	37 770,366	680 718,242	18,023	17,555
19	13	98 968	35 784,739	642 947,876	17,967	17,500
20	14	98 918	33 902,114	607 163,137	17,909	17,442
21	15	98 863	32 116,850	573 261,023	17,849	17,382
22	16	98 807	30 425,092	541 144,173	17,786	17,319
23	17	98 748	28 821,875	510 719,081	17,720	17,253
24	18	98 688	27 302,769	481 897,206	17,650	17,183
25	19	98 621	25 861,625	454 594,436	17,578	17,111
26	20	98 554	24 496,864	428 732,812	17,502	17,034
27	21	98 489	23 204,477	404 235,947	17,421	16,953
28	22	98 421	21 979,519	381 031,470	17,336	16,869
29	23	98 353	20 819,333	359 051,951	17,246	16,779
30	24	98 275	19 718,386	338 232,618	17,153	16,686
31	25	98 202	18 676,478	318 514,233	17,054	16,587
32	26	98 116	17 687,338	299 837,755	16,952	16,485
33	27	98 028	16 750,245	282 150,417	16,845	16,377
34	28	97 937	15 862,270	265 400,172	16,732	16,264
35	29	97 834	15 019,473	249 537,901	16,614	16,147
36	30	97 722	14 220,148	234 518,428	16,492	16,025
37	31	97 606	13 462,855	220 298,280	16,363	15,896
38	32	97 484	12 744,974	206 835,425	16,229	15,762
39	33	97 348	12 063,677	194 090,451	16,089	15,622
40	34	97 207	11 418,219	182 026,773	15,942	15,475
41	35	97 047	10 805,127	170 608,555	15,790	15,322
42	36	96 879	10 224,145	159 803,427	15,630	15,163
43	37	96 689	9 672,155	149 579,283	15,465	14,998
44	38	96 487	9 148,694	139 907,128	15,293	14,825
45	39	96 257	8 651,107	130 758,434	15,115	14,647
46	40	96 003	8 178,463	122 107,327	14,930	14,463
47	41	95 728	7 729,912	113 928,863	14,739	14,272
48	42	95 417	7 303,142	106 198,952	14,542	14,074
49	43	95 073	6 897,404	98 895,810	14,338	13,871
50	44	94 688	6 511,385	91 998,406	14,129	13,662
51	45	94 259	6 143,944	85 487,022	13,914	13,447
52	46	93 791	5 794,708	79 343,078	13,692	13,225
53	47	93 257	5 461,364	73 548,370	13,467	13,000
54	48	92 659	5 143,452	68 087,006	13,238	12,770
55	49	91 995	4 840,379	62 943,554	13,004	12,537
56	50	91 264	4 551,569	58 103,174	12,766	12,298
57	51	90 462	4 276,371	53 551,605	12,523	12,055
58	52	89 581	4 013,982	49 275,234	12,276	11,809
59	53	88 607	3 763,346	45 261,252	12,027	11,560
60	54	87 548	3 524,495	41 497,906	11,774	11,307
61	55	86 408	3 297,256	37 973,411	11,517	11,049
62	56	85 175	3 080,777	34 676,155	11,256	10,788
63	57	83 838	2 874,316	31 595,378	10,992	10,525
64	58	82 412	2 678,132	28 721,062	10,724	10,257
65	59	80 877	2 491,236	26 042,929	10,454	9,987
66	60	79 249	2 313,844	23 551,694	10,179	9,711
67	61	77 534	2 145,737	21 237,850	9,898	9,431
68	62	75 716	1 986,182	19 092,113	9,612	9,145
69	63	73 848	1 836,200	17 105,931	9,316	8,849
70	64	71 848	1 693,336	15 269,731	9,018	8,550
71	65	69 727	1 557,663	13 576,395	8,716	8,249
72	66	67 481	1 428,904	12 018,733	8,411	7,944
73	67	65 142	1 307,473	10 589,829	8,099	7,632
74	68	62 685	1 192,569	9 282,355	7,783	7,316
75	69	60 127	1 084,256	8 089,786	7,461	6,994
76	70	57 431	981,664	7 005,530	7,136	6,669
77	71	54 596	884,552	6 023,866	6,810	6,343
78	72	51 643	793,084	5 139,315	6,480	6,013
79	73	48 545	706,645	4 346,231	6,151	5,683
80	74	45 295	624,962	3 639,586	5,824	5,357
81	75	41 912	548,135	3 014,624	5,500	5,033
82	76	38 377	475,744	2 466,489	5,184	4,717
83	77	34 733	408,118	1 990,745	4,878	4,411
84	78	31 010	345,380	1 582,628	4,582	4,115
85	79	27 266	287,845	1 237,248	4,298	3,831
86	80	23 533	235,488	949,402	4,032	3,564
87	81	19 913	188,877	713,914	3,780	3,313
88	82	16 504	148,382	525,037	3,538	3,071
89	83	13 361	113,861	376,655	3,308	2,841
90	84	10 541	85,143	262,794	3,087	2,619
91	85	8 067	61,762	177,651	2,876	2,409
92	86	5 937	43,088	115,889	2,690	2,222
93	87	4 196	28,866	72,801	2,522	2,055
94	88	2 852	18,596	43,935	2,363	1,895
95	89	1 834	11,335	25,339	2,235	1,768
96	90	1 138	6,668	14,003	2,100	1,633
97	91	667	3,702	7,335	1,982	1,514
98	92	367	1,934	3,634	1,879	1,412
99	93	191	0,951	1,700	1,787	1,320
100	94	93	0,439	0,749	1,707	1,240

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	68 440,230	1 263 495,380	18,461	17,994
8	1	99 245	64 668,051	1 195 055,151	18,480	18,013
9	2	99 214	61 277,575	1 130 387,100	18,447	17,980
10	3	99 194	58 071,423	1 069 109,524	18,410	17,943
11	4	99 175	55 033,212	1 011 038,101	18,371	17,904
12	5	99 157	52 154,781	956 004,889	18,330	17,863
13	6	99 142	49 428,231	903 850,108	18,286	17,819
14	7	99 126	46 843,839	854 421,877	18,240	17,773
15	8	99 109	44 394,192	807 578,038	18,191	17,724
16	9	99 088	42 070,873	763 183,846	18,140	17,673
17	10	99 056	39 864,754	721 112,972	18,089	17,622
18	11	99 021	37 773,179	681 248,218	18,035	17,568
19	12	98 976	35 787,570	643 475,039	17,980	17,513
20	13	98 927	33 905,021	607 687,468	17,923	17,456
21	14	98 874	32 120,221	573 782,448	17,864	17,396
22	15	98 819	30 428,898	541 662,227	17,801	17,334
23	16	98 762	28 825,943	511 233,328	17,735	17,268
24	17	98 703	27 306,768	482 407,386	17,666	17,199
25	18	98 641	25 866,892	455 100,618	17,594	17,127
26	19	98 573	24 501,594	429 233,726	17,519	17,051
27	20	98 507	23 208,775	404 732,132	17,439	16,972
28	21	98 437	21 983,159	381 523,357	17,355	16,888
29	22	98 370	20 822,936	359 540,199	17,267	16,799
30	23	98 297	19 722,665	338 717,263	17,174	16,707
31	24	98 219	18 679,645	318 994,598	17,077	16,610
32	25	98 135	17 690,637	300 314,952	16,976	16,509
33	26	98 048	16 753,505	282 624,316	16,870	16,402
34	27	97 959	15 865,736	265 870,811	16,758	16,290
35	28	97 859	15 023,220	250 005,075	16,641	16,174
36	29	97 747	14 223,829	234 981,855	16,520	16,053
37	30	97 635	13 466,854	220 758,026	16,393	15,926
38	31	97 515	12 749,043	207 291,172	16,259	15,792
39	32	97 381	12 067,866	194 542,129	16,121	15,653
40	33	97 241	11 422,286	182 474,263	15,975	15,508
41	34	97 085	10 809,355	171 051,977	15,824	15,357
42	35	96 918	10 228,261	160 242,623	15,667	15,199
43	36	96 735	9 676,692	150 014,361	15,503	15,035
44	37	96 531	9 152,906	140 337,669	15,333	14,865
45	38	96 313	8 656,177	131 184,763	15,155	14,688
46	39	96 060	8 183,338	122 528,586	14,973	14,506
47	40	95 793	7 735,161	114 345,248	14,783	14,315
48	41	95 490	7 308,718	106 610,087	14,587	14,120
49	42	95 152	6 903,132	99 301,369	14,385	13,918
50	43	94 774	6 517,250	92 398,237	14,177	13,710
51	44	94 355	6 150,217	85 880,988	13,964	13,497
52	45	93 895	5 801,158	79 730,770	13,744	13,277
53	46	93 376	5 468,307	73 929,612	13,520	13,052
54	47	92 792	5 150,836	68 461,304	13,291	12,824
55	48	92 142	4 848,134	63 310,468	13,059	12,592
56	49	91 429	4 559,829	58 462,334	12,821	12,354
57	50	90 640	4 284,815	53 902,505	12,580	12,113
58	51	89 780	4 022,868	49 617,690	12,334	11,867
59	52	88 825	3 772,609	45 594,822	12,086	11,619
60	53	87 788	3 534,155	41 822,214	11,834	11,367
61	54	86 669	3 307,209	38 288,059	11,577	11,110
62	55	85 458	3 091,019	34 980,850	11,317	10,850
63	56	84 142	2 884,756	31 889,831	11,055	10,587
64	57	82 742	2 688,867	29 005,075	10,787	10,320
65	58	81 235	2 502,272	26 316,208	10,517	10,050
66	59	79 634	2 325,074	23 813,936	10,242	9,775
67	60	77 954	2 157,367	21 488,862	9,961	9,494
68	61	76 142	1 997,358	19 331,495	9,679	9,211
69	62	74 300	1 847,426	17 334,137	9,383	8,916
70	63	72 324	1 704,559	15 486,711	9,085	8,618
71	64	70 238	1 569,097	13 782,152	8,783	8,316
72	65	68 026	1 440,445	12 213,055	8,479	8,011
73	66	65 716	1 318,995	10 772,609	8,167	7,700
74	67	63 299	1 204,243	9 453,614	7,850	7,383
75	68	60 747	1 095,446	8 249,371	7,531	7,063
76	69	58 080	992,755	7 153,925	7,206	6,739
77	70	55 270	895,461	6 161,170	6,880	6,413
78	71	52 344	803,848	5 265,708	6,551	6,083
79	72	49 255	716,976	4 461,860	6,223	5,756
80	73	46 007	634,790	3 744,884	5,899	5,432
81	74	42 641	557,676	3 110,094	5,577	5,110
82	75	39 123	484,991	2 552,418	5,263	4,796
83	76	35 508	417,224	2 067,427	4,955	4,488
84	77	31 787	354,037	1 650,203	4,661	4,194
85	78	28 054	296,168	1 296,166	4,376	3,909
86	79	24 334	243,505	999,998	4,107	3,639
87	80	20 709	196,421	756,493	3,851	3,384
88	81	17 265	155,222	560,072	3,608	3,141
89	82	14 069	119,896	404,850	3,377	2,909
90	83	11 191	90,393	284,954	3,152	2,685
91	84	8 648	66,213	194,561	2,938	2,471
92	85	6 434	46,693	128,348	2,749	2,282
93	86	4 606	31,683	81,654	2,577	2,110
94	87	3 173	20,690	49,971	2,415	1,948
95	88	2 072	12,806	29,281	2,287	1,819
96	89	1 310	7,672	16,475	2,147	1,680
97	90	782	4,344	8,803	2,026	1,559
98	91	441	2,323	4,458	1,919	1,452
99	92	235	1,170	2,136	1,825	1,358
100	93	117	0,555	0,965	1,741	1,274

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	64 866,794	1 195 786,454	18,434	17,967
9	1	99 237	61 291,737	1 130 919,661	18,451	17,984
10	2	99 206	58 078,339	1 069 627,923	18,417	17,950
11	3	99 187	55 039,770	1 011 549,584	18,379	17,911
12	4	99 166	52 159,524	956 509,815	18,338	17,871
13	5	99 149	49 431,938	904 350,291	18,295	17,828
14	6	99 132	46 846,923	854 918,353	18,249	17,782
15	7	99 114	44 396,381	808 071,430	18,201	17,734
16	8	99 094	42 073,478	763 675,049	18,151	17,684
17	9	99 062	39 867,334	721 601,571	18,100	17,633
18	10	99 027	37 775,418	681 734,237	18,047	17,580
19	11	98 983	35 790,236	643 958,819	17,993	17,525
20	12	98 934	33 907,703	608 168,583	17,936	17,469
21	13	98 882	32 122,975	574 260,880	17,877	17,410
22	14	98 829	30 432,092	542 137,905	17,815	17,347
23	15	98 774	28 829,549	511 705,814	17,749	17,282
24	16	98 717	27 310,621	482 876,264	17,681	17,214
25	17	98 655	25 870,680	455 565,643	17,609	17,142
26	18	98 593	24 506,584	429 694,963	17,534	17,067
27	19	98 526	23 213,255	405 188,379	17,455	16,988
28	20	98 455	21 987,230	381 975,123	17,373	16,905
29	21	98 386	20 826,384	359 987,893	17,285	16,818
30	22	98 314	19 726,079	339 161,509	17,194	16,726
31	23	98 240	18 683,699	319 435,430	17,097	16,630
32	24	98 151	17 693,637	300 751,731	16,998	16,531
33	25	98 066	16 756,629	283 058,094	16,892	16,425
34	26	97 978	15 868,824	266 301,465	16,781	16,314
35	27	97 880	15 026,502	250 432,641	16,666	16,199
36	28	97 772	14 227,377	235 406,139	16,546	16,079
37	29	97 661	13 470,340	221 178,762	16,420	15,953
38	30	97 544	12 752,830	207 708,422	16,287	15,820
39	31	97 413	12 071,719	194 955,592	16,150	15,683
40	32	97 275	11 426,251	182 883,873	16,006	15,538
41	33	97 119	10 813,205	171 457,622	15,856	15,389
42	34	96 956	10 232,263	160 644,417	15,700	15,233
43	35	96 774	9 680,588	150 412,154	15,538	15,070
44	36	96 576	9 157,199	140 731,566	15,368	14,901
45	37	96 358	8 660,162	131 574,366	15,193	14,726
46	38	96 117	8 188,134	122 914,204	15,011	14,544
47	39	95 850	7 739,772	114 726,070	14,823	14,356
48	40	95 555	7 313,681	106 986,298	14,628	14,161
49	41	95 224	6 908,402	99 672,617	14,428	13,961
50	42	94 852	6 522,662	92 764,215	14,222	13,755
51	43	94 440	6 155,757	86 241,552	14,010	13,543
52	44	93 991	5 807,082	80 085,795	13,791	13,324
53	45	93 480	5 474,395	74 278,713	13,568	13,101
54	46	92 910	5 157,385	68 804,319	13,341	12,874
55	47	92 275	4 855,094	63 646,934	13,109	12,642
56	48	91 576	4 567,134	58 791,840	12,873	12,406
57	49	90 805	4 292,591	54 224,706	12,632	12,165
58	50	89 957	4 030,811	49 932,115	12,388	11,920
59	51	89 022	3 780,960	45 901,304	12,140	11,673
60	52	88 004	3 542,854	42 120,344	11,889	11,422
61	53	86 906	3 316,273	38 577,490	11,633	11,166
62	54	85 716	3 100,350	35 261,217	11,373	10,906
63	55	84 422	2 894,346	32 160,867	11,112	10,644
64	56	83 043	2 698,633	29 266,521	10,845	10,378
65	57	81 561	2 512,302	26 567,888	10,575	10,108
66	58	79 987	2 335,374	24 055,586	10,301	9,833
67	59	78 332	2 167,838	21 720,212	10,019	9,552
68	60	76 555	2 008,184	19 552,374	9,736	9,269
69	61	74 718	1 857,821	17 544,190	9,443	8,976
70	62	72 766	1 714,981	15 686,370	9,147	8,679
71	63	70 704	1 579,497	13 971,389	8,845	8,378
72	64	68 525	1 451,019	12 391,892	8,540	8,073
73	65	66 247	1 329,649	10 940,873	8,228	7,761
74	66	63 857	1 214,856	9 611,224	7,911	7,444
75	67	61 342	1 106,170	8 396,368	7,590	7,123
76	68	58 680	1 003,000	7 290,199	7,268	6,801
77	69	55 894	905,579	6 287,198	6,943	6,476
78	70	52 989	813,762	5 381,619	6,613	6,146
79	71	49 923	726,707	4 567,857	6,286	5,819
80	72	46 680	644,071	3 841,150	5,964	5,497
81	73	43 312	566,446	3 197,079	5,644	5,177
82	74	39 804	493,433	2 630,633	5,331	4,864
83	75	36 198	425,334	2 137,200	5,025	4,558
84	76	32 497	361,936	1 711,866	4,730	4,263
85	77	28 757	303,591	1 349,930	4,447	3,979
86	78	25 038	250,546	1 046,338	4,176	3,709
87	79	21 414	203,108	795,793	3,918	3,451
88	80	17 955	161,421	592,684	3,672	3,204
89	81	14 718	125,423	431,263	3,438	2,971
90	82	11 784	95,185	305,840	3,213	2,746
91	83	9 181	70,296	210,655	2,997	2,529
92	84	6 898	50,058	140,359	2,804	2,337
93	85	4 991	34,335	90,301	2,630	2,163
94	86	3 483	22,709	55,966	2,465	1,997
95	87	2 305	14,248	33,257	2,334	1,867
96	88	1 480	8,668	19,010	2,193	1,726
97	89	900	4,999	10,342	2,069	1,602
98	90	518	2,726	5,343	1,960	1,493
99	91	282	1,406	2,617	1,862	1,395
100	92	144	0,683	1,212	1,775	1,308

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	61 480,104	1 131 595,702	18,406	17,939
10	1	99 229	58 091,762	1 070 115,598	18,421	17,954
11	2	99 199	55 046,325	1 012 023,836	18,385	17,918
12	3	99 178	52 165,739	956 977,512	18,345	17,878
13	4	99 158	49 436,433	904 811,773	18,303	17,835
14	5	99 140	46 850,437	855 375,340	18,258	17,790
15	6	99 120	44 399,303	808 524,903	18,210	17,743
16	7	99 099	42 075,552	764 125,600	18,161	17,694
17	8	99 069	39 869,802	722 050,048	18,110	17,643
18	9	99 033	37 777,862	682 180,245	18,058	17,590
19	10	98 989	35 792,357	644 402,383	18,004	17,537
20	11	98 942	33 910,229	608 610,026	17,948	17,480
21	12	98 890	32 125,516	574 699,797	17,889	17,422
22	13	98 838	30 434,701	542 574,281	17,827	17,360
23	14	98 785	28 832,575	512 139,580	17,763	17,295
24	15	98 729	27 314,038	483 307,005	17,694	17,227
25	16	98 669	25 874,331	455 992,967	17,623	17,156
26	17	98 608	24 510,173	430 118,636	17,549	17,081
27	18	98 546	23 217,984	405 608,463	17,470	17,002
28	19	98 474	21 991,475	382 390,479	17,388	16,921
29	20	98 405	20 830,241	360 399,005	17,302	16,835
30	21	98 330	19 729,345	339 568,763	17,211	16,744
31	22	98 257	18 686,933	319 839,418	17,116	16,648
32	23	98 173	17 697,477	301 152,486	17,017	16,550
33	24	98 082	16 759,471	283 455,008	16,913	16,446
34	25	97 996	15 871,783	266 695,537	16,803	16,336
35	26	97 899	15 029,426	250 823,754	16,689	16,222
36	27	97 793	14 230,486	235 794,328	16,570	16,102
37	28	97 685	13 473,700	221 563,842	16,444	15,977
38	29	97 569	12 756,131	208 090,142	16,313	15,846
39	30	97 442	12 075,304	195 334,011	16,176	15,709
40	31	97 306	11 429,899	183 258,706	16,033	15,566
41	32	97 153	10 816,959	171 828,807	15,885	15,418
42	33	96 991	10 235,908	161 011,848	15,730	15,263
43	34	96 812	9 684,376	150 775,940	15,569	15,102
44	35	96 615	9 160,886	141 091,564	15,402	14,934
45	36	96 403	8 664,225	131 930,678	15,227	14,760
46	37	96 161	8 191,904	123 266,453	15,047	14,580
47	38	95 907	7 744,308	115 074,550	14,859	14,392
48	39	95 612	7 318,041	107 330,242	14,667	14,199
49	40	95 289	6 913,094	100 012,201	14,467	14,000
50	41	94 925	6 527,642	93 099,107	14,262	13,795
51	42	94 519	6 160,869	86 571,465	14,052	13,585
52	43	94 076	5 812,313	80 410,596	13,835	13,367
53	44	93 575	5 479,985	74 598,283	13,613	13,146
54	45	93 013	5 163,126	69 118,299	13,387	12,920
55	46	92 392	4 861,267	63 955,173	13,156	12,689
56	47	91 707	4 573,691	59 093,906	12,920	12,453
57	48	90 950	4 299,468	54 520,215	12,681	12,214
58	49	90 120	4 038,126	50 220,747	12,437	11,969
59	50	89 198	3 788,426	46 182,621	12,190	11,723
60	51	88 198	3 550,696	42 394,195	11,940	11,472
61	52	87 120	3 324,436	38 843,499	11,684	11,217
62	53	85 951	3 108,847	35 519,064	11,425	10,958
63	54	84 677	2 903,083	32 410,217	11,164	10,697
64	55	83 319	2 707,604	29 507,134	10,898	10,431
65	56	81 857	2 521,427	26 799,529	10,629	10,162
66	57	80 307	2 344,735	24 278,103	10,354	9,887
67	58	78 679	2 177,442	21 933,368	10,073	9,606
68	59	76 926	2 017,931	19 755,926	9,790	9,323
69	60	75 123	1 867,891	17 737,996	9,496	9,029
70	61	73 176	1 724,630	15 870,105	9,202	8,735
71	62	71 136	1 589,154	14 145,475	8,901	8,434
72	63	68 979	1 460,637	12 556,321	8,596	8,129
73	64	66 733	1 339,409	11 095,684	8,284	7,817
74	65	64 372	1 224,668	9 756,275	7,966	7,499
75	66	61 882	1 115,918	8 531,607	7,645	7,178
76	67	59 254	1 012,819	7 415,689	7,322	6,855
77	68	56 471	914,925	6 402,870	6,998	6,531
78	69	53 588	822,957	5 487,946	6,669	6,201
79	70	50 539	735,670	4 664,989	6,341	5,874
80	71	47 313	652,812	3 929,319	6,019	5,552
81	72	43 945	574,728	3 276,507	5,701	5,234
82	73	40 430	501,193	2 701,780	5,391	4,924
83	74	36 828	432,738	2 200,587	5,085	4,618
84	75	33 128	368,972	1 767,849	4,791	4,324
85	76	29 399	310,365	1 398,877	4,507	4,040
86	77	25 665	256,825	1 088,512	4,238	3,771
87	78	22 033	208,981	831,687	3,980	3,513
88	79	18 566	166,917	622,706	3,731	3,263
89	80	15 306	130,432	455,789	3,494	3,027
90	81	12 327	99,572	325,356	3,268	2,800
91	82	9 668	74,023	225,784	3,050	2,583
92	83	7 323	53,145	151,762	2,856	2,388
93	84	5 351	36,809	98,617	2,679	2,212
94	85	3 774	24,609	61,807	2,512	2,044
95	86	2 530	15,638	37,198	2,379	1,912
96	87	1 646	9,643	21,560	2,236	1,769
97	88	1 017	5,647	11,917	2,110	1,643
98	89	596	3,137	6,270	1,999	1,532
99	90	331	1,650	3,133	1,899	1,432
100	91	173	0,820	1,483	1,809	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	58 270,294	1 070 740,629	18,375	17,908
11	1	99 221	55 059,046	1 012 470,336	18,389	17,922
12	2	99 190	52 171,952	957 411,289	18,351	17,884
13	3	99 170	49 442,324	905 239,338	18,309	17,842
14	4	99 149	46 854,697	855 797,014	18,265	17,798
15	5	99 128	44 402,633	808 942,317	18,218	17,751
16	6	99 106	42 078,322	764 539,684	18,169	17,702
17	7	99 073	39 871,768	722 461,362	18,120	17,652
18	8	99 040	37 780,201	682 589,594	18,067	17,600
19	9	98 995	35 794,673	644 809,393	18,014	17,547
20	10	98 948	33 912,238	609 014,720	17,959	17,491
21	11	98 897	32 127,909	575 102,481	17,900	17,433
22	12	98 846	30 437,109	542 974,572	17,839	17,372
23	13	98 793	28 835,047	512 537,463	17,775	17,308
24	14	98 739	27 316,905	483 702,417	17,707	17,240
25	15	98 681	25 877,568	456 385,512	17,636	17,169
26	16	98 622	24 513,632	430 507,944	17,562	17,095
27	17	98 561	23 221,384	405 994,312	17,484	17,016
28	18	98 494	21 995,954	382 772,928	17,402	16,935
29	19	98 424	20 834,263	360 776,974	17,317	16,849
30	20	98 348	19 732,999	339 942,711	17,227	16,760
31	21	98 273	18 690,027	320 209,712	17,133	16,665
32	22	98 190	17 700,540	301 519,685	17,034	16,567
33	23	98 104	16 763,109	283 819,145	16,931	16,464
34	24	98 013	15 874,475	267 056,036	16,823	16,356
35	25	97 917	15 032,229	251 181,561	16,710	16,242
36	26	97 812	14 233,255	236 149,332	16,591	16,124
37	27	97 706	13 476,644	221 916,077	16,467	16,000
38	28	97 593	12 759,313	208 439,433	16,336	15,869
39	29	97 467	12 078,430	195 680,120	16,201	15,734
40	30	97 335	11 433,294	183 601,690	16,059	15,591
41	31	97 184	10 820,413	172 168,396	15,911	15,444
42	32	97 024	10 239,461	161 347,983	15,757	15,290
43	33	96 846	9 687,826	151 108,522	15,598	15,131
44	34	96 653	9 164,471	141 420,696	15,431	14,964
45	35	96 442	8 667,713	132 256,225	15,258	14,791
46	36	96 206	8 195,746	123 588,512	15,080	14,612
47	37	95 951	7 747,873	115 392,766	14,893	14,426
48	38	95 668	7 322,329	107 644,893	14,701	14,234
49	39	95 346	6 917,215	100 322,563	14,503	14,036
50	40	94 989	6 532,075	93 405,349	14,299	13,832
51	41	94 591	6 165,573	86 873,274	14,090	13,623
52	42	94 154	5 817,140	80 707,701	13,874	13,407
53	43	93 659	5 484,921	74 890,561	13,654	13,187
54	44	93 108	5 168,398	69 405,640	13,429	12,962
55	45	92 495	4 866,678	64 237,243	13,199	12,732
56	46	91 824	4 579,506	59 370,564	12,964	12,497
57	47	91 081	4 305,640	54 791,059	12,725	12,258
58	48	90 265	4 044,596	50 485,418	12,482	12,015
59	49	89 360	3 795,301	46 440,823	12,236	11,769
60	50	88 373	3 557,707	42 645,522	11,987	11,520
61	51	87 313	3 331,795	39 087,815	11,732	11,265
62	52	86 163	3 116,499	35 756,020	11,473	11,006
63	53	84 909	2 911,039	32 639,521	11,212	10,745
64	54	83 570	2 715,778	29 728,482	10,947	10,479
65	55	82 129	2 529,809	27 012,704	10,678	10,211
66	56	80 599	2 353,251	24 482,895	10,404	9,937
67	57	78 995	2 186,169	22 129,644	10,123	9,655
68	58	77 267	2 026,870	19 943,474	9,840	9,372
69	59	75 487	1 876,956	17 916,604	9,546	9,078
70	60	73 573	1 733,978	16 039,648	9,250	8,783
71	61	71 536	1 598,096	14 305,670	8,952	8,485
72	62	69 401	1 469,567	12 707,574	8,647	8,180
73	63	67 176	1 348,287	11 238,008	8,335	7,868
74	64	64 845	1 233,658	9 889,721	8,017	7,549
75	65	62 382	1 124,931	8 656,063	7,695	7,228
76	66	59 776	1 021,745	7 531,132	7,371	6,904
77	67	57 024	923,881	6 509,387	7,046	6,579
78	68	54 141	831,450	5 585,506	6,718	6,251
79	69	51 110	743,982	4 754,057	6,390	5,923
80	70	47 897	660,864	4 010,075	6,068	5,601
81	71	44 542	582,528	3 349,211	5,749	5,282
82	72	41 021	508,520	2 766,683	5,441	4,973
83	73	37 407	439,543	2 258,163	5,138	4,670
84	74	33 705	375,394	1 818,620	4,845	4,377
85	75	29 970	316,398	1 443,226	4,561	4,094
86	76	26 238	262,556	1 126,828	4,292	3,825
87	77	22 585	214,219	864,272	4,035	3,567
88	78	19 103	171,743	650,053	3,785	3,318
89	79	15 827	134,873	478,310	3,546	3,079
90	80	12 819	103,549	343,437	3,317	2,849
91	81	10 114	77,435	239,888	3,098	2,631
92	82	7 711	55,962	162,453	2,903	2,436
93	83	5 681	39,079	106,491	2,725	2,258
94	84	4 046	26,383	67,412	2,555	2,088
95	85	2 742	16,947	41,029	2,421	1,954
96	86	1 807	10,584	24,083	2,275	1,808
97	87	1 132	6,283	13,498	2,148	1,681
98	88	673	3,544	7,215	2,036	1,569
99	89	380	1,898	3,672	1,934	1,467
100	90	203	0,962	1,773	1,843	1,376

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11	0	99 526	55 228,258	1 013 048,303	18,343	17,876
12	1	99 213	52 184,009	957 820,045	18,355	17,887
13	2	99 182	49 448,212	905 636,036	18,315	17,848
14	3	99 161	46 860,280	856 187,825	18,271	17,804
15	4	99 137	44 406,671	809 327,545	18,225	17,758
16	5	99 113	42 081,478	764 920,874	18,177	17,710
17	6	99 080	39 874,393	722 839,395	18,128	17,661
18	7	99 044	37 782,064	682 965,003	18,076	17,609
19	8	99 002	35 796,889	645 182,939	18,023	17,556
20	9	98 954	33 914,433	609 386,050	17,968	17,501
21	10	98 903	32 129,813	575 471,617	17,911	17,444
22	11	98 853	30 439,376	543 341,804	17,850	17,383
23	12	98 801	28 837,328	512 902,428	17,786	17,319
24	13	98 748	27 319,247	484 065,100	17,719	17,252
25	14	98 692	25 880,284	456 745,853	17,648	17,181
26	15	98 634	24 516,699	430 865,569	17,574	17,107
27	16	98 575	23 224,661	406 348,870	17,496	17,029
28	17	98 509	21 999,175	383 124,209	17,415	16,948
29	18	98 444	20 838,506	361 125,034	17,330	16,863
30	19	98 367	19 736,809	340 286,528	17,241	16,774
31	20	98 292	18 693,489	320 549,719	17,148	16,680
32	21	98 206	17 703,471	301 856,231	17,051	16,583
33	22	98 121	16 766,010	284 152,759	16,948	16,481
34	23	98 034	15 877,920	267 386,750	16,840	16,373
35	24	97 934	15 034,779	251 508,829	16,728	16,261
36	25	97 830	14 235,909	236 474,051	16,611	16,144
37	26	97 725	13 479,266	222 238,141	16,487	16,020
38	27	97 615	12 762,101	208 758,875	16,358	15,891
39	28	97 491	12 081,443	195 996,774	16,223	15,756
40	29	97 360	11 436,254	183 915,331	16,082	15,615
41	30	97 213	10 823,627	172 479,077	15,935	15,468
42	31	97 055	10 242,731	161 655,450	15,782	15,315
43	32	96 880	9 691,189	151 412,720	15,624	15,157
44	33	96 687	9 167,735	141 721,531	15,459	14,992
45	34	96 480	8 671,105	132 553,796	15,287	14,820
46	35	96 245	8 199,046	123 882,691	15,109	14,642
47	36	95 996	7 751,508	115 683,645	14,924	14,457
48	37	95 712	7 325,701	107 932,137	14,733	14,266
49	38	95 402	6 921,268	100 606,437	14,536	14,069
50	39	95 046	6 535,969	93 685,169	14,334	13,867
51	40	94 655	6 169,760	87 149,200	14,125	13,658
52	41	94 226	5 821,581	80 979,440	13,910	13,443
53	42	93 737	5 489,476	75 157,859	13,691	13,224
54	43	93 192	5 173,053	69 668,383	13,468	13,000
55	44	92 589	4 871,648	64 495,330	13,239	12,772
56	45	91 926	4 584,603	59 623,682	13,005	12,538
57	46	91 197	4 311,114	55 039,079	12,767	12,300
58	47	90 394	4 050,402	50 727,965	12,524	12,057
59	48	89 503	3 801,381	46 677,562	12,279	11,812
60	49	88 533	3 564,164	42 876,181	12,030	11,563
61	50	87 485	3 338,374	39 312,017	11,776	11,309
62	51	86 353	3 123,398	35 973,644	11,517	11,050
63	52	85 118	2 918,205	32 850,246	11,257	10,790
64	53	83 799	2 723,221	29 932,042	10,991	10,524
65	54	82 377	2 537,446	27 208,821	10,723	10,256
66	55	80 867	2 361,074	24 671,375	10,449	9,982
67	56	79 282	2 194,110	22 310,301	10,168	9,701
68	57	77 577	2 034,994	20 116,191	9,885	9,418
69	58	75 822	1 885,271	18 081,197	9,591	9,124
70	59	73 930	1 742,394	16 195,926	9,295	8,828
71	60	71 924	1 606,758	14 453,532	8,995	8,528
72	61	69 792	1 477,835	12 846,774	8,693	8,226
73	62	67 586	1 356,530	11 368,939	8,381	7,914
74	63	65 275	1 241,835	10 012,409	8,063	7,595
75	64	62 840	1 133,189	8 770,574	7,740	7,273
76	65	60 259	1 029,997	7 637,385	7,415	6,948
77	66	57 526	932,023	6 607,388	7,089	6,622
78	67	54 671	839,589	5 675,366	6,760	6,293
79	68	51 638	751,660	4 835,777	6,433	5,966
80	69	48 438	668,330	4 084,117	6,111	5,644
81	70	45 091	589,713	3 415,786	5,792	5,325
82	71	41 578	515,422	2 826,074	5,483	5,016
83	72	37 954	445,969	2 310,652	5,181	4,714
84	73	34 235	381,298	1 864,682	4,890	4,423
85	74	30 492	321,906	1 483,385	4,608	4,141
86	75	26 748	267,660	1 161,479	4,339	3,872
87	76	23 089	218,999	893,820	4,081	3,614
88	77	19 582	176,048	674,821	3,833	3,366
89	78	16 284	138,772	498,773	3,594	3,127
90	79	13 256	107,075	360,001	3,362	2,895
91	80	10 518	80,528	252,926	3,141	2,674
92	81	8 067	58,542	172,399	2,945	2,478
93	82	5 982	41,150	113,857	2,767	2,300
94	83	4 296	28,010	72,707	2,596	2,129
95	84	2 940	18,168	44,697	2,460	1,993
96	85	1 958	11,470	26,529	2,313	1,846
97	86	1 242	6,896	15,059	2,184	1,716
98	87	749	3,943	8,163	2,071	1,603
99	88	430	2,144	4,220	1,968	1,501
100	89	234	1,107	2,076	1,875	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11						
12	0	99 518	52 344,385	958 354,597	18,309	17,841
13	1	99 205	49 459,640	906 010,212	18,318	17,851
14	2	99 172	46 865,861	856 550,572	18,277	17,809
15	3	99 149	44 411,962	809 684,712	18,231	17,764
16	4	99 122	42 085,305	765 272,749	18,184	17,717
17	5	99 087	39 877,383	723 187,444	18,135	17,668
18	6	99 051	37 784,551	683 310,061	18,084	17,617
19	7	99 006	35 798,654	645 525,510	18,032	17,565
20	8	98 960	33 916,533	609 726,856	17,977	17,510
21	9	98 909	32 131,892	575 810,323	17,920	17,453
22	10	98 859	30 441,180	543 678,431	17,860	17,393
23	11	98 808	28 839,476	513 237,251	17,796	17,329
24	12	98 756	27 321,408	484 397,775	17,730	17,262
25	13	98 700	25 882,503	457 076,367	17,660	17,192
26	14	98 644	24 519,272	431 193,865	17,586	17,119
27	15	98 587	23 227,566	406 674,592	17,508	17,041
28	16	98 523	22 002,280	383 447,026	17,428	16,960
29	17	98 458	20 841,558	361 444,746	17,343	16,875
30	18	98 387	19 740,829	340 603,188	17,254	16,787
31	19	98 311	18 697,098	320 862,360	17,161	16,694
32	20	98 224	17 706,750	302 165,262	17,065	16,598
33	21	98 137	16 768,786	284 458,512	16,964	16,496
34	22	98 051	15 880,668	267 689,726	16,856	16,389
35	23	97 955	15 038,042	251 809,058	16,745	16,278
36	24	97 847	14 238,324	236 771,016	16,629	16,162
37	25	97 744	13 481,780	222 532,692	16,506	16,039
38	26	97 634	12 764,585	209 050,912	16,377	15,910
39	27	97 512	12 084,083	196 286,327	16,243	15,776
40	28	97 385	11 439,107	184 202,245	16,103	15,636
41	29	97 238	10 826,428	172 763,138	15,958	15,490
42	30	97 084	10 245,773	161 936,710	15,805	15,338
43	31	96 911	9 694,283	151 690,937	15,647	15,180
44	32	96 721	9 170,918	141 996,654	15,483	15,016
45	33	96 514	8 674,193	132 825,736	15,313	14,846
46	34	96 282	8 202,254	124 151,543	15,136	14,669
47	35	96 034	7 754,629	115 949,289	14,952	14,485
48	36	95 757	7 329,137	108 194,660	14,762	14,295
49	37	95 446	6 924,455	100 865,523	14,567	14,099
50	38	95 102	6 539,799	93 941,068	14,365	13,897
51	39	94 711	6 173,438	87 401,269	14,158	13,690
52	40	94 290	5 825,535	81 227,832	13,943	13,476
53	41	93 809	5 493,667	75 402,297	13,725	13,258
54	42	93 270	5 177,349	69 908,630	13,503	13,036
55	43	92 673	4 876,036	64 731,281	13,275	12,808
56	44	92 020	4 589,285	59 855,245	13,042	12,575
57	45	91 298	4 315,913	55 265,961	12,805	12,338
58	46	90 509	4 055,552	50 950,047	12,563	12,096
59	47	89 631	3 806,839	46 894,495	12,318	11,851
60	48	88 675	3 569,874	43 087,657	12,070	11,603
61	49	87 644	3 344,432	39 517,783	11,816	11,349
62	50	86 524	3 129,565	36 173,351	11,559	11,091
63	51	85 306	2 924,664	33 043,786	11,298	10,831
64	52	84 006	2 729,924	30 119,122	11,033	10,566
65	53	82 603	2 544,400	27 389,198	10,765	10,297
66	54	81 111	2 368,202	24 844,798	10,491	10,024
67	55	79 545	2 201,404	22 476,597	10,210	9,743
68	56	77 858	2 042,386	20 275,193	9,927	9,460
69	57	76 126	1 892,828	18 232,807	9,633	9,165
70	58	74 257	1 750,113	16 339,979	9,337	8,869
71	59	72 273	1 614,556	14 589,867	9,036	8,569
72	60	70 170	1 485,846	12 975,311	8,733	8,265
73	61	67 967	1 364,163	11 489,465	8,422	7,955
74	62	65 674	1 249,427	10 125,302	8,104	7,637
75	63	63 257	1 140,700	8 875,875	7,781	7,314
76	64	60 701	1 037,558	7 735,176	7,455	6,988
77	65	57 991	939,550	6 697,618	7,129	6,661
78	66	55 153	846,988	5 758,067	6,798	6,331
79	67	52 143	759,018	4 911,079	6,470	6,003
80	68	48 938	675,228	4 152,061	6,149	5,682
81	69	45 600	596,375	3 476,833	5,830	5,363
82	70	42 091	521,779	2 880,458	5,520	5,053
83	71	38 469	452,022	2 358,679	5,218	4,751
84	72	34 736	386,872	1 906,657	4,928	4,461
85	73	30 972	326,968	1 519,785	4,648	4,181
86	74	27 214	272,319	1 192,817	4,380	3,913
87	75	23 538	223,256	920,498	4,123	3,656
88	76	20 018	179,976	697,243	3,874	3,407
89	77	16 693	142,251	517,267	3,636	3,169
90	78	13 639	110,170	375,016	3,404	2,937
91	79	10 876	83,269	264,846	3,181	2,713
92	80	8 389	60,880	181,577	2,983	2,515
93	81	6 258	43,047	120,697	2,804	2,337
94	82	4 523	29,494	77,650	2,633	2,166
95	83	3 121	19,288	48,155	2,497	2,029
96	84	2 099	12,297	28,867	2,348	1,880
97	85	1 346	7,473	16,570	2,217	1,750
98	86	822	4,327	9,097	2,102	1,635
99	87	478	2,386	4,770	1,999	1,532
100	88	264	1,251	2,384	1,906	1,439

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	49 611,643	906 504,717	18,272	17,805
14	1	99 195	46 876,692	856 893,075	18,280	17,813
15	2	99 160	44 417,251	810 016,383	18,237	17,769
16	3	99 134	42 090,320	765 599,131	18,189	17,722
17	4	99 096	39 881,010	723 508,812	18,142	17,675
18	5	99 058	37 787,385	683 627,802	18,091	17,624
19	6	99 013	35 801,011	645 840,417	18,040	17,573
20	7	98 965	33 918,205	610 039,407	17,986	17,518
21	8	98 916	32 133,882	576 121,202	17,929	17,462
22	9	98 865	30 443,150	543 987,320	17,869	17,402
23	10	98 814	28 841,185	513 544,171	17,806	17,339
24	11	98 763	27 323,443	484 702,986	17,739	17,272
25	12	98 708	25 884,551	457 379,542	17,670	17,203
26	13	98 653	24 521,374	431 494,992	17,597	17,130
27	14	98 597	23 230,004	406 973,618	17,519	17,052
28	15	98 535	22 005,033	383 743,614	17,439	16,972
29	16	98 472	20 844,499	361 738,581	17,354	16,887
30	17	98 402	19 743,720	340 894,082	17,266	16,799
31	18	98 331	18 700,906	321 150,362	17,173	16,706
32	19	98 243	17 710,168	302 449,456	17,078	16,611
33	20	98 155	16 771,892	284 739,288	16,977	16,510
34	21	98 067	15 883,298	267 967,396	16,871	16,404
35	22	97 972	15 040,644	252 084,099	16,760	16,293
36	23	97 868	14 241,414	237 043,454	16,645	16,177
37	24	97 760	13 484,067	222 802,040	16,523	16,056
38	25	97 652	12 766,965	209 317,973	16,395	15,928
39	26	97 531	12 086,434	196 551,008	16,262	15,795
40	27	97 406	11 441,606	184 464,574	16,122	15,655
41	28	97 262	10 829,129	173 022,968	15,978	15,510
42	29	97 109	10 248,425	162 193,839	15,826	15,359
43	30	96 939	9 697,163	151 945,414	15,669	15,202
44	31	96 752	9 173,846	142 248,251	15,506	15,039
45	32	96 547	8 677,204	133 074,405	15,336	14,869
46	33	96 317	8 205,176	124 397,201	15,161	14,694
47	34	96 072	7 757,663	116 192,025	14,978	14,511
48	35	95 796	7 332,088	108 434,363	14,789	14,322
49	36	95 490	6 927,703	101 102,275	14,594	14,127
50	37	95 145	6 542,810	94 174,572	14,394	13,926
51	38	94 767	6 177,055	87 631,762	14,187	13,719
52	39	94 346	5 829,007	81 454,706	13,974	13,507
53	40	93 872	5 497,398	75 625,699	13,757	13,289
54	41	93 341	5 181,302	70 128,301	13,535	13,068
55	42	92 750	4 880,085	64 946,999	13,309	12,841
56	43	92 103	4 593,418	60 066,914	13,077	12,610
57	44	91 392	4 320,320	55 473,496	12,840	12,373
58	45	90 610	4 060,066	51 153,175	12,599	12,132
59	46	89 745	3 811,678	47 093,109	12,355	11,888
60	47	88 802	3 574,999	43 281,431	12,107	11,640
61	48	87 784	3 349,790	39 706,432	11,853	11,386
62	49	86 681	3 135,244	36 356,642	11,596	11,129
63	50	85 475	2 930,439	33 221,398	11,337	10,869
64	51	84 191	2 735,967	30 290,958	11,071	10,604
65	52	82 806	2 550,662	27 554,991	10,803	10,336
66	53	81 334	2 374,692	25 004,329	10,530	10,062
67	54	79 785	2 208,049	22 629,637	10,249	9,782
68	55	78 117	2 049,175	20 421,588	9,966	9,499
69	56	76 402	1 899,703	18 372,412	9,671	9,204
70	57	74 555	1 757,128	16 472,710	9,375	8,908
71	58	72 593	1 621,709	14 715,582	9,074	8,607
72	59	70 510	1 493,057	13 093,873	8,770	8,303
73	60	68 335	1 371,557	11 600,816	8,458	7,991
74	61	66 043	1 256,457	10 229,259	8,141	7,674
75	62	63 643	1 147,674	8 972,802	7,818	7,351
76	63	61 104	1 044,435	7 825,129	7,492	7,025
77	64	58 417	946,448	6 780,694	7,164	6,697
78	65	55 598	853,829	5 834,246	6,833	6,366
79	66	52 603	765,707	4 980,418	6,504	6,037
80	67	49 417	681,838	4 214,710	6,181	5,714
81	68	46 071	602,530	3 532,873	5,863	5,396
82	69	42 566	527,674	2 930,343	5,553	5,086
83	70	38 944	457,597	2 402,668	5,251	4,783
84	71	35 207	392,123	1 945,071	4,960	4,493
85	72	31 424	331,748	1 552,948	4,681	4,214
86	73	27 642	276,601	1 221,200	4,415	3,948
87	74	23 948	227,142	944,599	4,159	3,691
88	75	20 408	183,474	717,457	3,910	3,443
89	76	17 065	145,425	533,983	3,672	3,205
90	77	13 981	112,932	388,558	3,441	2,973
91	78	11 190	85,677	275,627	3,217	2,750
92	79	8 674	62,953	189,950	3,017	2,550
93	80	6 508	44,767	126,997	2,837	2,370
94	81	4 732	30,854	82,231	2,665	2,198
95	82	3 286	20,311	51,377	2,530	2,062
96	83	2 228	13,055	31,066	2,380	1,912
97	84	1 443	8,012	18,012	2,248	1,781
98	85	891	4,689	10,000	2,132	1,665
99	86	525	2,619	5,310	2,028	1,561
100	87	294	1,391	2,692	1,934	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	47 020,757	857 350,635	18,233	17,766
15	1	99 183	44 427,517	810 329,878	18,239	17,772
16	2	99 146	42 095,332	765 902,362	18,194	17,727
17	3	99 108	39 885,762	723 807,029	18,147	17,680
18	4	99 067	37 790,821	683 921,268	18,098	17,630
19	5	99 020	35 803,696	646 130,447	18,046	17,579
20	6	98 972	33 920,438	610 326,751	17,993	17,526
21	7	98 920	32 135,466	576 406,313	17,937	17,470
22	8	98 871	30 445,034	544 270,847	17,877	17,410
23	9	98 821	28 843,051	513 825,813	17,815	17,347
24	10	98 769	27 325,062	484 982,762	17,749	17,281
25	11	98 715	25 886,479	457 657,699	17,679	17,212
26	12	98 660	24 523,314	431 771,221	17,607	17,139
27	13	98 606	23 231,996	407 247,906	17,530	17,062
28	14	98 545	22 007,342	384 015,911	17,449	16,982
29	15	98 484	20 847,107	362 008,569	17,365	16,898
30	16	98 416	19 746,506	341 161,462	17,277	16,810
31	17	98 345	18 703,644	321 414,956	17,185	16,717
32	18	98 263	17 713,776	302 711,311	17,089	16,622
33	19	98 174	16 775,130	284 997,536	16,989	16,522
34	20	98 085	15 886,239	268 222,406	16,884	16,417
35	21	97 988	15 043,135	252 336,167	16,774	16,307
36	22	97 885	14 243,879	237 293,032	16,659	16,192
37	23	97 781	13 486,993	223 049,153	16,538	16,071
38	24	97 669	12 769,130	209 562,159	16,412	15,944
39	25	97 550	12 088,688	196 793,029	16,279	15,812
40	26	97 425	11 443,833	184 704,341	16,140	15,673
41	27	97 284	10 831,495	173 260,508	15,996	15,529
42	28	97 133	10 250,982	162 429,013	15,845	15,378
43	29	96 965	9 699,673	152 178,032	15,689	15,222
44	30	96 781	9 176,571	142 478,359	15,526	15,059
45	31	96 578	8 679,975	133 301,788	15,357	14,890
46	32	96 350	8 208,024	124 621,813	15,183	14,716
47	33	96 106	7 760,426	116 413,789	15,001	14,534
48	34	95 833	7 334,957	108 653,363	14,813	14,346
49	35	95 529	6 930,492	101 318,406	14,619	14,152
50	36	95 190	6 545,879	94 387,914	14,419	13,952
51	37	94 811	6 179,900	87 842,035	14,214	13,747
52	38	94 401	5 832,423	81 662,135	14,001	13,534
53	39	93 928	5 500,675	75 829,713	13,786	13,318
54	40	93 404	5 184,821	70 329,038	13,564	13,097
55	41	92 821	4 883,811	65 144,217	13,339	12,872
56	42	92 179	4 597,233	60 260,406	13,108	12,641
57	43	91 474	4 324,212	55 663,173	12,872	12,405
58	44	90 702	4 064,212	51 338,961	12,632	12,165
59	45	89 845	3 815,922	47 274,749	12,389	11,922
60	46	88 915	3 579,544	43 458,828	12,141	11,674
61	47	87 910	3 354,599	39 879,284	11,888	11,421
62	48	86 820	3 140,267	36 524,685	11,631	11,164
63	49	85 630	2 935,757	33 384,417	11,372	10,904
64	50	84 358	2 741,369	30 448,660	11,107	10,640
65	51	82 990	2 556,309	27 707,291	10,839	10,372
66	52	81 534	2 380,537	25 150,982	10,565	10,098
67	53	80 004	2 214,101	22 770,445	10,284	9,817
68	54	78 353	2 055,361	20 556,345	10,001	9,534
69	55	76 656	1 906,018	18 500,983	9,707	9,239
70	56	74 826	1 763,510	16 594,965	9,410	8,943
71	57	72 884	1 628,209	14 831,456	9,109	8,642
72	58	70 823	1 499,671	13 203,247	8,804	8,337
73	59	68 667	1 378,214	11 703,575	8,492	8,025
74	60	66 401	1 263,267	10 325,362	8,174	7,706
75	61	64 001	1 154,131	9 062,094	7,852	7,385
76	62	61 477	1 050,821	7 907,963	7,526	7,058
77	63	58 804	952,721	6 857,143	7,197	6,730
78	64	56 007	860,097	5 904,422	6,865	6,398
79	65	53 027	771,892	5 044,326	6,535	6,068
80	66	49 853	687,846	4 272,434	6,211	5,744
81	67	46 522	608,428	3 584,588	5,892	5,424
82	68	43 006	533,120	2 976,159	5,583	5,115
83	69	39 384	462,767	2 443,039	5,279	4,812
84	70	35 641	396,959	1 980,272	4,989	4,521
85	71	31 851	336,251	1 583,313	4,709	4,242
86	72	28 046	280,645	1 247,062	4,444	3,976
87	73	24 324	230,714	966,417	4,189	3,722
88	74	20 763	186,668	735,703	3,941	3,474
89	75	17 397	148,252	549,035	3,703	3,236
90	76	14 293	115,452	400,784	3,471	3,004
91	77	11 471	87,824	285,332	3,249	2,782
92	78	8 925	64,773	197,508	3,049	2,582
93	79	6 729	46,291	132,735	2,867	2,400
94	80	4 921	32,086	86,445	2,694	2,227
95	81	3 438	21,247	54,359	2,558	2,091
96	82	2 347	13,747	33,112	2,409	1,941
97	83	1 532	8,506	19,365	2,277	1,809
98	84	955	5,027	10,859	2,160	1,693
99	85	569	2,838	5,832	2,055	1,588
100	86	323	1,527	2,994	1,960	1,493

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	44 564,055	810 753,346	18,193	17,726
16	1	99 168	42 105,061	766 189,292	18,197	17,730
17	2	99 120	39 890,512	724 084,231	18,152	17,685
18	3	99 079	37 795,324	684 193,719	18,103	17,635
19	4	99 029	35 806,952	646 398,395	18,052	17,585
20	5	98 979	33 922,982	610 591,443	17,999	17,532
21	6	98 927	32 137,581	576 668,462	17,944	17,477
22	7	98 876	30 446,535	544 530,880	17,885	17,418
23	8	98 827	28 844,837	514 084,345	17,822	17,355
24	9	98 775	27 326,831	485 239,508	17,757	17,290
25	10	98 721	25 888,013	457 912,677	17,688	17,221
26	11	98 668	24 525,141	432 024,665	17,616	17,148
27	12	98 614	23 233,834	407 499,524	17,539	17,072
28	13	98 554	22 009,229	384 265,690	17,459	16,992
29	14	98 495	20 849,295	362 256,461	17,375	16,908
30	15	98 428	19 748,976	341 407,166	17,287	16,820
31	16	98 359	18 706,284	321 658,190	17,195	16,728
32	17	98 277	17 716,370	302 951,906	17,100	16,633
33	18	98 194	16 778,547	285 235,536	17,000	16,533
34	19	98 104	15 889,306	268 456,990	16,895	16,428
35	20	98 006	15 045,921	252 567,683	16,786	16,319
36	21	97 901	14 246,237	237 521,762	16,673	16,205
37	22	97 798	13 489,328	223 275,525	16,552	16,085
38	23	97 690	12 771,902	209 786,197	16,426	15,958
39	24	97 566	12 090,739	197 014,296	16,295	15,827
40	25	97 443	11 445,967	184 923,557	16,156	15,689
41	26	97 302	10 833,603	173 477,590	16,013	15,546
42	27	97 155	10 253,221	162 643,987	15,863	15,396
43	28	96 989	9 702,092	152 390,766	15,707	15,240
44	29	96 806	9 178,946	142 688,674	15,545	15,078
45	30	96 607	8 682,553	133 509,728	15,377	14,910
46	31	96 381	8 210,645	124 827,175	15,203	14,736
47	32	96 140	7 763,120	116 616,530	15,022	14,555
48	33	95 867	7 337,569	108 853,410	14,835	14,368
49	34	95 566	6 933,204	101 515,840	14,642	14,175
50	35	95 228	6 548,515	94 582,636	14,443	13,976
51	36	94 855	6 182,798	88 034,122	14,239	13,771
52	37	94 445	5 835,108	81 851,323	14,027	13,560
53	38	93 983	5 503,898	76 016,215	13,811	13,344
54	39	93 460	5 187,911	70 512,317	13,592	13,124
55	40	92 884	4 887,128	65 324,406	13,367	12,899
56	41	92 250	4 600,743	60 437,278	13,136	12,669
57	42	91 550	4 327,803	55 836,535	12,902	12,435
58	43	90 784	4 067,873	51 508,732	12,662	12,195
59	44	89 937	3 819,818	47 440,859	12,420	11,952
60	45	89 014	3 583,529	43 621,041	12,173	11,705
61	46	88 022	3 358,864	40 037,512	11,920	11,453
62	47	86 945	3 144,776	36 678,648	11,663	11,196
63	48	85 767	2 940,461	33 533,873	11,404	10,937
64	49	84 511	2 746,344	30 593,412	11,140	10,673
65	50	83 153	2 561,356	27 847,068	10,872	10,405
66	51	81 714	2 385,807	25 285,712	10,598	10,131
67	52	80 201	2 219,550	22 899,905	10,317	9,850
68	53	78 568	2 060,994	20 680,355	10,034	9,567
69	54	76 888	1 911,772	18 619,361	9,739	9,272
70	55	75 074	1 769,372	16 707,589	9,443	8,975
71	56	73 149	1 634,123	14 938,217	9,141	8,674
72	57	71 107	1 505,683	13 304,094	8,836	8,369
73	58	68 971	1 384,319	11 798,411	8,523	8,056
74	59	66 724	1 269,398	10 414,092	8,204	7,737
75	60	64 348	1 160,387	9 144,694	7,881	7,414
76	61	61 823	1 056,733	7 984,307	7,556	7,088
77	62	59 163	958,545	6 927,574	7,227	6,760
78	63	56 378	865,797	5 969,028	6,894	6,427
79	64	53 417	777,558	5 103,231	6,563	6,096
80	65	50 255	693,402	4 325,673	6,238	5,771
81	66	46 932	613,790	3 632,271	5,918	5,451
82	67	43 427	538,339	3 018,481	5,607	5,140
83	68	39 790	467,543	2 480,142	5,305	4,837
84	69	36 044	401,444	2 012,599	5,013	4,546
85	70	32 244	340,398	1 611,155	4,733	4,266
86	71	28 427	284,454	1 270,757	4,467	4,000
87	72	24 680	234,087	986,303	4,213	3,746
88	73	21 089	189,603	752,216	3,967	3,500
89	74	17 700	150,832	562,613	3,730	3,263
90	75	14 571	117,696	411,781	3,499	3,032
91	76	11 727	89,784	294,085	3,275	2,808
92	77	9 149	66,396	204,301	3,077	2,610
93	78	6 924	47,629	137,905	2,895	2,428
94	79	5 088	33,179	90,276	2,721	2,254
95	80	3 575	22,095	57,097	2,584	2,117
96	81	2 455	14,381	35,002	2,434	1,967
97	82	1 613	8,957	20,621	2,302	1,835
98	83	1 014	5,337	11,664	2,185	1,718
99	84	610	3,042	6,327	2,080	1,613
100	85	350	1,655	3,285	1,985	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	42 234,461	766 581,289	18,151	17,683
17	1	99 143	39 899,731	724 346,828	18,154	17,687
18	2	99 091	37 799,825	684 447,097	18,107	17,640
19	3	99 041	35 811,218	646 647,272	18,057	17,590
20	4	98 988	33 926,067	610 836,054	18,005	17,538
21	5	98 934	32 139,992	576 909,987	17,950	17,483
22	6	98 883	30 448,540	544 769,996	17,891	17,424
23	7	98 832	28 846,259	514 321,456	17,830	17,363
24	8	98 781	27 328,523	485 475,197	17,764	17,297
25	9	98 728	25 889,688	458 146,674	17,696	17,229
26	10	98 674	24 526,594	432 256,986	17,624	17,157
27	11	98 621	23 235,564	407 730,392	17,548	17,081
28	12	98 562	22 010,970	384 494,828	17,468	17,001
29	13	98 503	20 851,082	362 483,858	17,384	16,917
30	14	98 438	19 751,049	341 632,775	17,297	16,830
31	15	98 371	18 708,624	321 881,726	17,205	16,738
32	16	98 291	17 718,870	303 173,102	17,110	16,643
33	17	98 209	16 781,004	285 454,232	17,011	16,543
34	18	98 124	15 892,543	268 673,228	16,906	16,438
35	19	98 025	15 048,826	252 780,686	16,797	16,330
36	20	97 919	14 248,876	237 731,860	16,684	16,217
37	21	97 814	13 491,561	223 482,984	16,565	16,097
38	22	97 707	12 774,112	209 991,423	16,439	15,972
39	23	97 587	12 093,363	197 217,311	16,308	15,841
40	24	97 460	11 447,908	185 123,948	16,171	15,704
41	25	97 321	10 835,623	173 676,040	16,028	15,561
42	26	97 174	10 255,217	162 840,417	15,879	15,412
43	27	97 010	9 704,212	152 585,200	15,724	15,256
44	28	96 830	9 181,236	142 880,988	15,562	15,095
45	29	96 632	8 684,801	133 699,752	15,395	14,927
46	30	96 409	8 213,084	125 014,952	15,221	14,754
47	31	96 170	7 765,599	116 801,868	15,041	14,574
48	32	95 901	7 340,117	109 036,269	14,855	14,388
49	33	95 600	6 935,674	101 696,152	14,663	14,196
50	34	95 266	6 551,077	94 760,479	14,465	13,998
51	35	94 893	6 185,288	88 209,402	14,261	13,794
52	36	94 489	5 837,845	82 024,114	14,050	13,583
53	37	94 027	5 506,432	76 186,269	13,836	13,369
54	38	93 515	5 190,952	70 679,837	13,616	13,149
55	39	92 939	4 890,041	65 488,885	13,392	12,925
56	40	92 313	4 603,868	60 598,844	13,163	12,695
57	41	91 620	4 331,107	55 994,977	12,929	12,461
58	42	90 860	4 071,251	51 663,870	12,690	12,223
59	43	90 018	3 823,259	47 592,619	12,448	11,981
60	44	89 105	3 587,188	43 769,360	12,202	11,734
61	45	88 120	3 362,603	40 182,172	11,950	11,483
62	46	87 055	3 148,774	36 819,569	11,693	11,226
63	47	85 890	2 944,682	33 670,796	11,434	10,967
64	48	84 646	2 750,744	30 726,113	11,170	10,703
65	49	83 304	2 566,004	27 975,369	10,902	10,435
66	50	81 876	2 390,518	25 409,365	10,629	10,162
67	51	80 379	2 224,464	23 018,847	10,348	9,881
68	52	78 761	2 066,067	20 794,384	10,065	9,598
69	53	77 098	1 917,011	18 728,317	9,770	9,302
70	54	75 301	1 774,713	16 811,305	9,473	9,006
71	55	73 392	1 639,555	15 036,592	9,171	8,704
72	56	71 365	1 511,151	13 397,037	8,865	8,398
73	57	69 247	1 389,868	11 885,886	8,552	8,085
74	58	67 019	1 275,022	10 496,018	8,232	7,765
75	59	64 661	1 166,019	9 220,996	7,908	7,441
76	60	62 158	1 062,461	8 054,977	7,581	7,114
77	61	59 496	963,939	6 992,516	7,254	6,787
78	62	56 722	871,091	6 028,577	6,921	6,454
79	63	53 771	782,712	5 157,487	6,589	6,122
80	64	50 624	698,492	4 374,775	6,263	5,796
81	65	47 311	618,748	3 676,283	5,941	5,474
82	66	43 809	543,083	3 057,535	5,630	5,163
83	67	40 180	472,120	2 514,452	5,326	4,859
84	68	36 416	405,587	2 042,332	5,035	4,568
85	69	32 608	344,244	1 636,745	4,755	4,287
86	70	28 777	287,962	1 292,501	4,488	4,021
87	71	25 015	237,264	1 004,539	4,234	3,767
88	72	21 398	192,375	767,275	3,988	3,521
89	73	17 978	153,204	574,900	3,753	3,285
90	74	14 824	119,744	421,696	3,522	3,054
91	75	11 955	91,529	301,951	3,299	2,832
92	76	9 353	67,878	210,422	3,100	2,633
93	77	7 097	48,823	142,545	2,920	2,452
94	78	5 236	34,138	93,722	2,745	2,278
95	79	3 697	22,848	59,584	2,608	2,141
96	80	2 553	14,955	36,736	2,456	1,989
97	81	1 687	9,370	21,781	2,325	1,857
98	82	1 068	5,620	12,411	2,208	1,741
99	83	647	3,230	6,791	2,103	1,635
100	84	375	1,774	3,561	2,007	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	40 022,354	724 709,757	18,108	17,640
18	1	99 114	37 808,561	684 687,404	18,109	17,642
19	2	99 053	35 815,483	646 878,843	18,061	17,594
20	3	99 000	33 930,109	611 063,360	18,009	17,542
21	4	98 943	32 142,914	577 133,251	17,955	17,488
22	5	98 890	30 450,823	544 990,336	17,897	17,430
23	6	98 838	28 848,158	514 539,513	17,836	17,369
24	7	98 786	27 329,870	485 691,355	17,771	17,304
25	8	98 734	25 891,291	458 361,485	17,703	17,236
26	9	98 680	24 528,181	432 470,194	17,632	17,164
27	10	98 627	23 236,941	407 942,013	17,556	17,089
28	11	98 569	22 012,610	384 705,071	17,477	17,009
29	12	98 511	20 852,732	362 692,462	17,393	16,926
30	13	98 447	19 752,742	341 839,730	17,306	16,839
31	14	98 382	18 710,588	322 086,988	17,214	16,747
32	15	98 304	17 721,087	303 376,400	17,120	16,652
33	16	98 222	16 783,372	285 655,313	17,020	16,553
34	17	98 139	15 894,870	268 871,941	16,916	16,448
35	18	98 045	15 051,891	252 977,071	16,807	16,340
36	19	97 938	14 251,627	237 925,180	16,695	16,227
37	20	97 833	13 494,060	223 673,553	16,576	16,109
38	21	97 723	12 776,227	210 179,493	16,451	15,984
39	22	97 604	12 095,456	197 403,266	16,320	15,853
40	23	97 481	11 450,393	185 307,810	16,184	15,716
41	24	97 337	10 837,461	173 857,418	16,042	15,575
42	25	97 192	10 257,129	163 019,957	15,893	15,426
43	26	97 029	9 706,101	152 762,828	15,739	15,272
44	27	96 851	9 183,242	143 056,727	15,578	15,111
45	28	96 656	8 686,967	133 873,486	15,411	14,944
46	29	96 434	8 215,210	125 186,518	15,238	14,771
47	30	96 199	7 767,905	116 971,309	15,058	14,591
48	31	95 931	7 342,460	109 203,403	14,873	14,406
49	32	95 633	6 938,081	101 860,943	14,681	14,214
50	33	95 299	6 553,410	94 922,862	14,484	14,017
51	34	94 930	6 187,708	88 369,451	14,281	13,814
52	35	94 527	5 840,196	82 181,743	14,072	13,605
53	36	94 071	5 509,015	76 341,548	13,858	13,390
54	37	93 558	5 193,342	70 832,533	13,639	13,172
55	38	92 993	4 892,906	65 639,191	13,415	12,948
56	39	92 368	4 606,612	60 746,285	13,187	12,720
57	40	91 682	4 334,049	56 139,673	12,953	12,486
58	41	90 929	4 074,359	51 805,624	12,715	12,248
59	42	90 093	3 826,434	47 731,265	12,474	12,007
60	43	89 185	3 590,419	43 904,831	12,228	11,761
61	44	88 210	3 366,037	40 314,412	11,977	11,510
62	45	87 152	3 152,279	36 948,376	11,721	11,254
63	46	85 999	2 948,426	33 796,097	11,462	10,995
64	47	84 768	2 754,693	30 847,671	11,198	10,731
65	48	83 438	2 570,116	28 092,978	10,931	10,463
66	49	82 024	2 394,856	25 522,862	10,657	10,190
67	50	80 537	2 228,856	23 128,007	10,377	9,909
68	51	78 935	2 070,641	20 899,151	10,093	9,626
69	52	77 288	1 921,730	18 828,510	9,798	9,331
70	53	75 507	1 779,577	16 906,780	9,500	9,033
71	54	73 614	1 644,504	15 127,203	9,199	8,731
72	55	71 602	1 516,175	13 482,699	8,893	8,425
73	56	69 499	1 394,916	11 966,524	8,579	8,111
74	57	67 288	1 280,133	10 571,608	8,258	7,791
75	58	64 947	1 171,184	9 291,475	7,933	7,466
76	59	62 460	1 067,617	8 120,291	7,606	7,139
77	60	59 819	969,164	7 052,673	7,277	6,810
78	61	57 042	875,992	6 083,510	6,945	6,478
79	62	54 099	787,497	5 207,518	6,613	6,146
80	63	50 960	703,122	4 420,021	6,286	5,819
81	64	47 658	623,290	3 716,899	5,963	5,496
82	65	44 163	547,469	3 093,609	5,651	5,184
83	66	40 534	476,281	2 546,140	5,346	4,879
84	67	36 772	409,558	2 069,859	5,054	4,587
85	68	32 945	347,797	1 660,302	4,774	4,307
86	69	29 102	291,216	1 312,505	4,507	4,040
87	70	25 323	240,190	1 021,289	4,252	3,785
88	71	21 688	194,986	781,099	4,006	3,539
89	72	18 241	155,444	586,113	3,771	3,303
90	73	15 058	121,628	430,669	3,541	3,074
91	74	12 163	93,122	309,041	3,319	2,851
92	75	9 535	69,197	215,919	3,120	2,653
93	76	7 256	49,912	146,722	2,940	2,472
94	77	5 367	34,994	96,810	2,767	2,299
95	78	3 804	23,508	61,817	2,630	2,162
96	79	2 640	15,464	38,308	2,477	2,010
97	80	1 755	9,744	22,844	2,344	1,877
98	81	1 117	5,879	13,100	2,228	1,761
99	82	682	3,401	7,221	2,123	1,656
100	83	398	1,884	3,820	2,028	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	37 924,757	685 023,483	18,063	17,596
19	1	99 076	35 823,760	647 098,726	18,063	17,596
20	2	99 012	33 934,150	611 274,965	18,014	17,546
21	3	98 955	32 146,744	577 340,816	17,960	17,492
22	4	98 899	30 453,592	545 194,071	17,902	17,435
23	5	98 846	28 850,322	514 740,479	17,842	17,375
24	6	98 793	27 331,669	485 890,157	17,778	17,310
25	7	98 739	25 892,567	458 558,488	17,710	17,243
26	8	98 686	24 529,700	432 665,921	17,638	17,171
27	9	98 633	23 238,445	408 136,221	17,563	17,096
28	10	98 575	22 013,914	384 897,776	17,484	17,017
29	11	98 518	20 854,285	362 883,862	17,401	16,934
30	12	98 454	19 754,305	342 029,577	17,314	16,847
31	13	98 390	18 712,192	322 275,271	17,223	16,756
32	14	98 314	17 722,946	303 563,080	17,128	16,661
33	15	98 235	16 785,472	285 840,133	17,029	16,562
34	16	98 153	15 897,113	269 054,661	16,925	16,458
35	17	98 060	15 054,095	253 157,548	16,817	16,349
36	18	97 958	14 254,530	238 103,453	16,704	16,237
37	19	97 851	13 496,665	223 848,923	16,585	16,118
38	20	97 741	12 778,594	210 352,258	16,461	15,994
39	21	97 620	12 097,459	197 573,665	16,332	15,865
40	22	97 498	11 452,374	185 476,206	16,195	15,728
41	23	97 358	10 839,813	174 023,832	16,054	15,587
42	24	97 208	10 258,869	163 184,019	15,907	15,439
43	25	97 047	9 707,911	152 925,150	15,753	15,285
44	26	96 870	9 185,029	143 217,239	15,592	15,125
45	27	96 677	8 688,865	134 032,211	15,426	14,959
46	28	96 458	8 217,259	125 343,346	15,254	14,786
47	29	96 224	7 769,916	117 126,087	15,074	14,607
48	30	95 960	7 344,641	109 356,171	14,889	14,422
49	31	95 664	6 940,297	102 011,529	14,698	14,231
50	32	95 333	6 555,685	95 071,233	14,502	14,035
51	33	94 964	6 189,912	88 515,547	14,300	13,833
52	34	94 564	5 842,481	82 325,635	14,091	13,624
53	35	94 109	5 511,233	76 483,155	13,878	13,410
54	36	93 602	5 195,778	70 971,921	13,660	13,192
55	37	93 036	4 895,159	65 776,144	13,437	12,970
56	38	92 422	4 609,311	60 880,984	13,208	12,741
57	39	91 737	4 336,632	56 271,673	12,976	12,509
58	40	90 991	4 077,126	51 935,041	12,738	12,271
59	41	90 161	3 829,355	47 857,915	12,498	12,030
60	42	89 259	3 593,401	44 028,560	12,253	11,785
61	43	88 290	3 369,069	40 435,159	12,002	11,535
62	44	87 241	3 155,498	37 066,091	11,747	11,279
63	45	86 095	2 951,708	33 910,593	11,488	11,021
64	46	84 876	2 758,195	30 958,885	11,224	10,757
65	47	83 558	2 573,805	28 200,690	10,957	10,490
66	48	82 156	2 398,693	25 626,885	10,684	10,217
67	49	80 683	2 232,901	23 228,192	10,403	9,936
68	50	79 091	2 074,729	20 995,291	10,120	9,652
69	51	77 459	1 925,984	18 920,562	9,824	9,357
70	52	75 693	1 783,957	16 994,578	9,526	9,059
71	53	73 816	1 649,011	15 210,621	9,224	8,757
72	54	71 818	1 520,752	13 561,609	8,918	8,451
73	55	69 730	1 399,553	12 040,858	8,603	8,136
74	56	67 532	1 284,782	10 641,304	8,283	7,815
75	57	65 207	1 175,879	9 356,522	7,957	7,490
76	58	62 737	1 072,347	8 180,643	7,629	7,162
77	59	60 109	973,867	7 108,296	7,299	6,832
78	60	57 351	880,740	6 134,429	6,965	6,498
79	61	54 404	791,928	5 253,689	6,634	6,167
80	62	51 271	707,420	4 461,761	6,307	5,840
81	63	47 974	627,421	3 754,341	5,984	5,517
82	64	44 488	551,488	3 126,920	5,670	5,203
83	65	40 861	480,127	2 575,431	5,364	4,897
84	66	37 096	413,167	2 095,304	5,071	4,604
85	67	33 267	351,201	1 682,137	4,790	4,322
86	68	29 403	294,221	1 330,936	4,524	4,056
87	69	25 609	242,904	1 036,715	4,268	3,801
88	70	21 956	197,391	793,811	4,022	3,554
89	71	18 488	157,554	596,419	3,785	3,318
90	72	15 278	123,406	438,866	3,556	3,089
91	73	12 354	94,586	315,460	3,335	2,868
92	74	9 701	70,402	220,874	3,137	2,670
93	75	7 397	50,882	150,472	2,957	2,490
94	76	5 487	35,774	99,590	2,784	2,317
95	77	3 899	24,097	63,815	2,648	2,181
96	78	2 716	15,911	39,718	2,496	2,029
97	79	1 815	10,076	23,806	2,363	1,896
98	80	1 162	6,114	13,731	2,246	1,779
99	81	713	3,558	7,617	2,141	1,674
100	82	419	1,983	4,059	2,046	1,579

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	35 933,857	647 409,990	18,017	17,550
20	1	99 035	33 941,992	611 476,134	18,015	17,548
21	2	98 967	32 150,573	577 534,141	17,963	17,496
22	3	98 911	30 457,221	545 383,568	17,907	17,439
23	4	98 855	28 852,945	514 926,347	17,847	17,379
24	5	98 800	27 333,719	486 073,402	17,783	17,316
25	6	98 745	25 894,272	458 739,683	17,716	17,249
26	7	98 691	24 530,909	432 845,411	17,645	17,178
27	8	98 639	23 239,884	408 314,502	17,570	17,102
28	9	98 581	22 015,338	385 074,618	17,491	17,024
29	10	98 524	20 855,521	363 059,280	17,408	16,941
30	11	98 462	19 755,777	342 203,759	17,322	16,855
31	12	98 398	18 713,672	322 447,982	17,231	16,763
32	13	98 322	17 724,466	303 734,310	17,136	16,669
33	14	98 245	16 787,233	286 009,844	17,037	16,570
34	15	98 165	15 899,102	269 222,611	16,933	16,466
35	16	98 074	15 056,220	253 323,508	16,825	16,358
36	17	97 973	14 256,617	238 267,289	16,713	16,246
37	18	97 871	13 499,414	224 010,672	16,594	16,127
38	19	97 760	12 781,061	210 511,258	16,471	16,003
39	20	97 638	12 099,699	197 730,197	16,342	15,875
40	21	97 514	11 454,271	185 630,498	16,206	15,739
41	22	97 375	10 841,689	174 176,227	16,065	15,598
42	23	97 229	10 261,095	163 334,538	15,918	15,451
43	24	97 063	9 709,557	153 073,443	15,765	15,298
44	25	96 888	9 186,742	143 363,886	15,606	15,138
45	26	96 696	8 690,556	134 177,144	15,439	14,972
46	27	96 479	8 219,055	125 486,588	15,268	14,801
47	28	96 248	7 771,854	117 267,534	15,089	14,622
48	29	95 984	7 346,542	109 495,679	14,904	14,437
49	30	95 692	6 942,358	102 149,137	14,714	14,247
50	31	95 363	6 557,779	95 206,779	14,518	14,051
51	32	94 997	6 192,061	88 649,000	14,317	13,849
52	33	94 598	5 844,562	82 456,940	14,108	13,641
53	34	94 145	5 513,390	76 612,378	13,896	13,429
54	35	93 639	5 197,870	71 098,988	13,678	13,211
55	36	93 080	4 897,455	65 901,118	13,456	12,989
56	37	92 464	4 611,434	61 003,663	13,229	12,762
57	38	91 790	4 339,173	56 392,229	12,996	12,529
58	39	91 045	4 079,557	52 053,056	12,759	12,292
59	40	90 223	3 831,956	47 973,500	12,519	12,052
60	41	89 327	3 596,144	44 141,544	12,275	11,808
61	42	88 363	3 371,867	40 545,400	12,025	11,557
62	43	87 320	3 158,340	37 173,533	11,770	11,303
63	44	86 183	2 954,722	34 015,193	11,512	11,045
64	45	84 970	2 761,266	31 060,471	11,249	10,781
65	46	83 664	2 577,077	28 299,206	10,981	10,514
66	47	82 274	2 402,136	25 722,128	10,708	10,241
67	48	80 813	2 236,478	23 319,992	10,427	9,960
68	49	79 235	2 078,494	21 083,514	10,144	9,676
69	50	77 612	1 929,787	19 005,020	9,848	9,381
70	51	75 861	1 787,906	17 075,233	9,550	9,083
71	52	73 997	1 653,070	15 287,326	9,248	8,781
72	53	72 015	1 524,920	13 634,256	8,941	8,474
73	54	69 940	1 403,778	12 109,337	8,626	8,159
74	55	67 757	1 289,053	10 705,558	8,305	7,838
75	56	65 444	1 180,149	9 416,505	7,979	7,512
76	57	62 988	1 076,645	8 236,356	7,650	7,183
77	58	60 375	978,182	7 159,710	7,319	6,852
78	59	57 629	885,015	6 181,529	6,985	6,517
79	60	54 699	796,220	5 296,514	6,652	6,185
80	61	51 560	711,401	4 500,294	6,326	5,859
81	62	48 268	631,257	3 788,893	6,002	5,535
82	63	44 782	555,144	3 157,636	5,688	5,221
83	64	41 161	483,652	2 602,492	5,381	4,914
84	65	37 396	416,504	2 118,840	5,087	4,620
85	66	33 560	354,296	1 702,337	4,805	4,338
86	67	29 690	297,101	1 348,040	4,537	4,070
87	68	25 874	245,411	1 050,939	4,282	3,815
88	69	22 204	199,621	805,528	4,035	3,568
89	70	18 716	159,497	605,907	3,799	3,332
90	71	15 485	125,081	446,410	3,569	3,102
91	72	12 534	95,969	321,329	3,348	2,881
92	73	9 853	71,509	225,360	3,151	2,684
93	74	7 526	51,768	153,851	2,972	2,505
94	75	5 593	36,470	102,083	2,799	2,332
95	76	3 986	24,635	65,613	2,663	2,196
96	77	2 784	16,310	40,978	2,512	2,045
97	78	1 867	10,367	24,668	2,379	1,912
98	79	1 201	6,322	14,301	2,262	1,795
99	80	742	3,700	7,979	2,156	1,689
100	81	439	2,075	4,279	2,062	1,595

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	34 046,305	611 764,463	17,969	17,501
21	1	98 990	32 158,003	577 718,158	17,965	17,498
22	2	98 923	30 460,848	545 560,155	17,910	17,443
23	3	98 866	28 856,383	515 099,306	17,850	17,383
24	4	98 809	27 336,205	486 242,923	17,788	17,320
25	5	98 752	25 896,214	458 906,719	17,721	17,254
26	6	98 698	24 532,524	433 010,505	17,650	17,183
27	7	98 644	23 241,029	408 477,980	17,576	17,109
28	8	98 587	22 016,702	385 236,951	17,497	17,030
29	9	98 530	20 856,871	363 220,249	17,415	16,948
30	10	98 468	19 756,947	342 363,379	17,329	16,862
31	11	98 405	18 715,066	322 606,431	17,238	16,771
32	12	98 330	17 725,868	303 891,365	17,144	16,677
33	13	98 253	16 788,672	286 165,497	17,045	16,578
34	14	98 175	15 900,771	269 376,824	16,941	16,474
35	15	98 086	15 058,103	253 476,054	16,833	16,366
36	16	97 987	14 258,629	238 417,950	16,721	16,254
37	17	97 886	13 501,391	224 159,321	16,603	16,135
38	18	97 780	12 783,664	210 657,930	16,479	16,011
39	19	97 657	12 102,035	197 874,266	16,350	15,883
40	20	97 532	11 456,392	185 772,231	16,216	15,748
41	21	97 391	10 843,484	174 315,839	16,076	15,608
42	22	97 246	10 262,871	163 472,355	15,929	15,461
43	23	97 084	9 711,664	153 209,484	15,776	15,309
44	24	96 904	9 188,300	143 497,819	15,617	15,150
45	25	96 714	8 692,177	134 309,520	15,452	14,985
46	26	96 498	8 220,654	125 617,343	15,281	14,814
47	27	96 269	7 773,552	117 396,689	15,102	14,635
48	28	96 008	7 348,375	109 623,137	14,918	14,451
49	29	95 717	6 944,155	102 274,762	14,728	14,261
50	30	95 391	6 559,726	95 330,607	14,533	14,066
51	31	95 027	6 194,038	88 770,880	14,332	13,864
52	32	94 630	5 846,591	82 576,842	14,124	13,657
53	33	94 179	5 515,353	76 730,252	13,912	13,445
54	34	93 676	5 199,903	71 214,898	13,695	13,228
55	35	93 117	4 899,427	66 014,995	13,474	13,007
56	36	92 508	4 613,597	61 115,567	13,247	12,780
57	37	91 833	4 341,171	56 501,971	13,015	12,548
58	38	91 098	4 081,947	52 160,800	12,778	12,311
59	39	90 276	3 834,240	48 078,852	12,539	12,072
60	40	89 388	3 598,586	44 244,612	12,295	11,828
61	41	88 430	3 374,441	40 646,026	12,045	11,578
62	42	87 392	3 160,963	37 271,585	11,791	11,324
63	43	86 261	2 957,383	34 110,622	11,534	11,067
64	44	85 057	2 764,085	31 153,239	11,271	10,804
65	45	83 757	2 579,946	28 389,154	11,004	10,537
66	46	82 378	2 405,190	25 809,208	10,731	10,263
67	47	80 929	2 239,689	23 404,018	10,450	9,982
68	48	79 362	2 081,824	21 164,329	10,166	9,699
69	49	77 753	1 933,289	19 082,505	9,870	9,403
70	50	76 011	1 791,437	17 149,216	9,573	9,106
71	51	74 161	1 656,730	15 357,779	9,270	8,803
72	52	72 192	1 528,673	13 701,049	8,963	8,496
73	53	70 132	1 407,625	12 172,376	8,647	8,180
74	54	67 961	1 292,945	10 764,751	8,326	7,859
75	55	65 662	1 184,073	9 471,806	7,999	7,532
76	56	63 217	1 080,556	8 287,733	7,670	7,203
77	57	60 617	982,102	7 207,178	7,339	6,871
78	58	57 884	888,935	6 225,075	7,003	6,536
79	59	54 964	800,085	5 336,140	6,669	6,202
80	60	51 839	715,257	4 536,055	6,342	5,875
81	61	48 539	634,809	3 820,798	6,019	5,552
82	62	45 056	558,538	3 185,990	5,704	5,237
83	63	41 434	486,858	2 627,452	5,397	4,930
84	64	37 671	419,561	2 140,594	5,102	4,635
85	65	33 831	357,158	1 721,033	4,819	4,352
86	66	29 952	299,720	1 363,875	4,551	4,083
87	67	26 127	247,813	1 064,156	4,294	3,827
88	68	22 433	201,681	816,342	4,048	3,580
89	69	18 928	161,299	614,661	3,811	3,344
90	70	15 676	126,623	453,362	3,580	3,113
91	71	12 705	97,272	326,739	3,359	2,892
92	72	9 997	72,554	229,467	3,163	2,696
93	73	7 644	52,582	156,912	2,984	2,517
94	74	5 691	37,105	104,330	2,812	2,345
95	75	4 063	25,114	67,226	2,677	2,210
96	76	2 846	16,674	42,112	2,526	2,058
97	77	1 914	10,627	25,438	2,394	1,927
98	78	1 236	6,505	14,811	2,277	1,810
99	79	767	3,826	8,306	2,171	1,704
100	80	456	2,158	4,480	2,076	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	32 256,834	577 985,286	17,918	17,451
22	1	98 946	30 467,888	545 728,452	17,912	17,444
23	2	98 878	28 859,820	515 260,564	17,854	17,387
24	3	98 821	27 339,462	486 400,744	17,791	17,324
25	4	98 761	25 898,569	459 061,282	17,725	17,258
26	5	98 705	24 534,364	433 162,714	17,655	17,188
27	6	98 651	23 242,559	408 628,349	17,581	17,114
28	7	98 592	22 017,787	385 385,790	17,503	17,036
29	8	98 537	20 858,162	363 368,003	17,421	16,954
30	9	98 474	19 758,226	342 509,841	17,335	16,868
31	10	98 411	18 716,175	322 751,615	17,245	16,777
32	11	98 337	17 727,189	304 035,440	17,151	16,684
33	12	98 261	16 790,001	286 308,251	17,052	16,585
34	13	98 184	15 902,134	269 518,250	16,949	16,481
35	14	98 096	15 059,684	253 616,117	16,841	16,374
36	15	97 999	14 260,413	238 556,433	16,729	16,261
37	16	97 900	13 503,296	224 296,020	16,610	16,143
38	17	97 794	12 785,536	210 792,724	16,487	16,020
39	18	97 677	12 104,500	198 007,188	16,358	15,891
40	19	97 551	11 458,604	185 902,688	16,224	15,757
41	20	97 409	10 845,493	174 444,084	16,084	15,617
42	21	97 262	10 264,571	163 598,591	15,938	15,471
43	22	97 101	9 713,345	153 334,021	15,786	15,319
44	23	96 925	9 190,294	143 620,675	15,627	15,160
45	24	96 730	8 693,651	134 430,381	15,463	14,996
46	25	96 516	8 222,187	125 736,731	15,292	14,825
47	26	96 287	7 775,065	117 514,543	15,114	14,647
48	27	96 029	7 349,980	109 739,478	14,931	14,463
49	28	95 741	6 945,887	102 389,498	14,741	14,274
50	29	95 416	6 561,424	95 443,611	14,546	14,079
51	30	95 056	6 195,878	88 882,186	14,345	13,878
52	31	94 661	5 848,458	82 686,309	14,138	13,671
53	32	94 212	5 517,268	76 837,851	13,927	13,460
54	33	93 709	5 201,756	71 320,583	13,711	13,244
55	34	93 154	4 901,344	66 118,827	13,490	13,023
56	35	92 545	4 615,454	61 217,483	13,264	12,796
57	36	91 876	4 343,208	56 602,029	13,032	12,565
58	37	91 140	4 083,827	52 258,821	12,797	12,329
59	38	90 329	3 836,487	48 174,995	12,557	12,090
60	39	89 441	3 600,731	44 338,508	12,314	11,847
61	40	88 491	3 376,733	40 737,776	12,064	11,597
62	41	87 459	3 163,376	37 361,044	11,810	11,343
63	42	86 332	2 959,840	34 197,668	11,554	11,087
64	43	85 133	2 766,575	31 237,828	11,291	10,824
65	44	83 842	2 582,581	28 471,254	11,024	10,557
66	45	82 470	2 407,868	25 888,673	10,752	10,285
67	46	81 032	2 242,536	23 480,805	10,471	10,003
68	47	79 476	2 084,813	21 238,269	10,187	9,720
69	48	77 877	1 936,386	19 153,456	9,891	9,424
70	49	76 148	1 794,688	17 217,070	9,593	9,126
71	50	74 308	1 660,001	15 422,382	9,291	8,823
72	51	72 352	1 532,057	13 762,381	8,983	8,516
73	52	70 305	1 411,090	12 230,324	8,667	8,200
74	53	68 148	1 296,488	10 819,234	8,345	7,878
75	54	65 860	1 187,647	9 522,746	8,018	7,551
76	55	63 427	1 084,148	8 335,099	7,688	7,221
77	56	60 837	985,669	7 250,951	7,356	6,889
78	57	58 116	892,498	6 265,282	7,020	6,553
79	58	55 208	803,629	5 372,783	6,686	6,218
80	59	52 091	718,728	4 569,154	6,357	5,890
81	60	48 802	638,250	3 850,426	6,033	5,566
82	61	45 310	561,680	3 212,176	5,719	5,252
83	62	41 687	489,834	2 650,496	5,411	4,944
84	63	37 920	422,342	2 160,662	5,116	4,649
85	64	34 080	359,780	1 738,319	4,832	4,364
86	65	30 194	302,140	1 378,540	4,563	4,095
87	66	26 357	249,997	1 076,399	4,306	3,838
88	67	22 652	203,656	826,402	4,058	3,591
89	68	19 123	162,964	622,746	3,821	3,354
90	69	15 853	128,054	459,783	3,591	3,123
91	70	12 861	98,472	331,729	3,369	2,902
92	71	10 133	73,539	233,257	3,172	2,705
93	72	7 756	53,351	159,718	2,994	2,527
94	73	5 780	37,688	106,367	2,822	2,355
95	74	4 134	25,551	68,679	2,688	2,221
96	75	2 902	16,998	43,128	2,537	2,070
97	76	1 957	10,864	26,130	2,405	1,938
98	77	1 267	6,668	15,266	2,289	1,822
99	78	789	3,936	8,598	2,184	1,717
100	79	472	2,231	4,661	2,089	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	30 561,524	545 975,980	17,865	17,398
23	1	98 901	28 866,490	515 414,456	17,855	17,388
24	2	98 833	27 342,718	486 547,966	17,794	17,327
25	3	98 773	25 901,655	459 205,249	17,729	17,262
26	4	98 714	24 536,595	433 303,594	17,659	17,192
27	5	98 658	23 244,303	408 766,998	17,586	17,118
28	6	98 599	22 019,236	385 522,696	17,508	17,041
29	7	98 541	20 859,190	363 503,459	17,427	16,959
30	8	98 480	19 759,449	342 644,269	17,341	16,874
31	9	98 417	18 717,387	322 884,820	17,251	16,783
32	10	98 343	17 728,239	304 167,433	17,157	16,690
33	11	98 268	16 791,251	286 439,194	17,059	16,592
34	12	98 191	15 903,392	269 647,943	16,955	16,488
35	13	98 105	15 060,975	253 744,551	16,848	16,381
36	14	98 009	14 261,910	238 683,576	16,736	16,269
37	15	97 912	13 504,986	224 421,667	16,618	16,151
38	16	97 808	12 787,340	210 916,681	16,494	16,027
39	17	97 691	12 106,273	198 129,341	16,366	15,899
40	18	97 571	11 460,938	186 023,068	16,231	15,764
41	19	97 428	10 847,586	174 562,130	16,092	15,625
42	20	97 280	10 266,472	163 714,544	15,947	15,479
43	21	97 117	9 714,954	153 448,072	15,795	15,328
44	22	96 942	9 191,885	143 733,118	15,637	15,170
45	23	96 751	8 695,538	134 541,234	15,472	15,005
46	24	96 533	8 223,582	125 845,696	15,303	14,836
47	25	96 305	7 776,515	117 622,115	15,125	14,658
48	26	96 048	7 351,411	109 845,600	14,942	14,475
49	27	95 762	6 947,405	102 494,189	14,753	14,286
50	28	95 440	6 563,061	95 546,784	14,558	14,091
51	29	95 080	6 197,481	88 983,723	14,358	13,891
52	30	94 689	5 850,195	82 786,241	14,151	13,684
53	31	94 242	5 519,030	76 936,047	13,940	13,473
54	32	93 742	5 203,561	71 417,017	13,725	13,257
55	33	93 187	4 903,090	66 213,455	13,504	13,037
56	34	92 581	4 617,260	61 310,365	13,279	12,811
57	35	91 913	4 344,956	56 693,105	13,048	12,581
58	36	91 183	4 085,742	52 348,149	12,812	12,345
59	37	90 371	3 838,253	48 262,407	12,574	12,107
60	38	89 494	3 602,841	44 424,153	12,330	11,863
61	39	88 543	3 378,745	40 821,312	12,082	11,615
62	40	87 518	3 165,524	37 442,567	11,828	11,361
63	41	86 398	2 962,099	34 277,042	11,572	11,105
64	42	85 204	2 768,872	31 314,943	11,310	10,842
65	43	83 918	2 584,907	28 546,071	11,043	10,576
66	44	82 554	2 410,326	25 961,164	10,771	10,304
67	45	81 122	2 245,033	23 550,838	10,490	10,023
68	46	79 577	2 087,464	21 305,805	10,207	9,739
69	47	77 989	1 939,166	19 218,342	9,911	9,443
70	48	76 270	1 797,563	17 279,175	9,613	9,145
71	49	74 442	1 663,013	15 481,612	9,309	8,842
72	50	72 495	1 535,082	13 818,599	9,002	8,535
73	51	70 460	1 414,214	12 283,517	8,686	8,219
74	52	68 315	1 299,679	10 869,303	8,363	7,896
75	53	66 041	1 190,902	9 569,624	8,036	7,568
76	54	63 619	1 087,421	8 378,722	7,705	7,238
77	55	61 040	988,946	7 291,301	7,373	6,906
78	56	58 328	895,740	6 302,355	7,036	6,569
79	57	55 429	806,850	5 406,615	6,701	6,234
80	58	52 322	721,912	4 599,765	6,372	5,904
81	59	49 039	641,347	3 877,852	6,046	5,579
82	60	45 555	564,725	3 236,505	5,731	5,264
83	61	41 922	492,590	2 671,780	5,424	4,957
84	62	38 152	424,924	2 179,190	5,128	4,661
85	63	34 306	362,164	1 754,266	4,844	4,377
86	64	30 416	304,358	1 392,101	4,574	4,107
87	65	26 570	252,016	1 087,743	4,316	3,849
88	66	22 852	205,450	835,727	4,068	3,601
89	67	19 310	164,559	630,276	3,830	3,363
90	68	16 017	129,376	465,717	3,600	3,133
91	69	13 007	99,584	336,342	3,377	2,910
92	70	10 258	74,446	236,758	3,180	2,713
93	71	7 861	54,075	162,312	3,002	2,534
94	72	5 865	38,239	108,237	2,831	2,363
95	73	4 199	25,953	69,998	2,697	2,230
96	74	2 952	17,294	44,045	2,547	2,080
97	75	1 995	11,075	26,751	2,415	1,948
98	76	1 295	6,817	15,675	2,299	1,832
99	77	809	4,035	8,858	2,195	1,728
100	78	485	2,296	4,823	2,101	1,634

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	28 955,204	515 643,862	17,808	17,341
24	1	98 856	27 349,037	486 688,658	17,795	17,328
25	2	98 785	25 904,739	459 339,621	17,732	17,265
26	3	98 726	24 539,519	433 434,882	17,663	17,196
27	4	98 667	23 246,416	408 895,363	17,590	17,122
28	5	98 606	22 020,888	385 648,946	17,513	17,046
29	6	98 548	20 860,564	363 628,058	17,431	16,964
30	7	98 485	19 760,423	342 767,495	17,346	16,879
31	8	98 423	18 718,545	323 007,072	17,256	16,789
32	9	98 350	17 729,386	304 288,526	17,163	16,696
33	10	98 274	16 792,246	286 559,140	17,065	16,598
34	11	98 199	15 904,577	269 766,894	16,962	16,494
35	12	98 112	15 062,166	253 862,317	16,854	16,387
36	13	98 017	14 263,132	238 800,150	16,742	16,275
37	14	97 922	13 506,403	224 537,018	16,624	16,157
38	15	97 820	12 788,940	211 030,615	16,501	16,034
39	16	97 705	12 107,981	198 241,675	16,373	15,906
40	17	97 585	11 462,616	186 133,694	16,238	15,771
41	18	97 448	10 849,796	174 671,078	16,099	15,632
42	19	97 299	10 268,454	163 821,282	15,954	15,487
43	20	97 135	9 716,753	153 552,828	15,803	15,336
44	21	96 958	9 193,407	143 836,075	15,646	15,178
45	22	96 768	8 697,043	134 642,669	15,481	15,014
46	23	96 554	8 225,366	125 945,626	15,312	14,845
47	24	96 322	7 777,834	117 720,260	15,135	14,668
48	25	96 066	7 352,782	109 942,426	14,952	14,485
49	26	95 781	6 948,757	102 589,644	14,764	14,297
50	27	95 461	6 564,495	95 640,887	14,569	14,102
51	28	95 104	6 199,027	89 076,392	14,369	13,902
52	29	94 713	5 851,709	82 877,365	14,163	13,696
53	30	94 270	5 520,669	77 025,656	13,952	13,485
54	31	93 772	5 205,223	71 504,987	13,737	13,270
55	32	93 219	4 904,792	66 299,764	13,517	13,050
56	33	92 614	4 618,905	61 394,971	13,292	12,825
57	34	91 949	4 346,656	56 776,067	13,062	12,595
58	35	91 220	4 087,387	52 429,410	12,827	12,360
59	36	90 413	3 840,054	48 342,023	12,589	12,122
60	37	89 535	3 604,500	44 501,969	12,346	11,879
61	38	88 595	3 380,725	40 897,469	12,097	11,630
62	39	87 570	3 167,411	37 516,744	11,845	11,377
63	40	86 457	2 964,111	34 349,333	11,588	11,121
64	41	85 269	2 770,986	31 385,222	11,326	10,859
65	42	83 988	2 587,054	28 614,235	11,061	10,593
66	43	82 628	2 412,497	26 027,182	10,788	10,321
67	44	81 205	2 247,325	23 614,684	10,508	10,041
68	45	79 665	2 089,787	21 367,360	10,225	9,757
69	46	78 088	1 941,632	19 277,572	9,929	9,461
70	47	76 380	1 800,144	17 335,941	9,630	9,163
71	48	74 562	1 665,678	15 535,797	9,327	8,860
72	49	72 627	1 537,868	13 870,119	9,019	8,552
73	50	70 599	1 417,006	12 332,251	8,703	8,236
74	51	68 467	1 302,556	10 915,245	8,380	7,913
75	52	66 203	1 193,833	9 612,689	8,052	7,585
76	53	63 793	1 090,401	8 418,856	7,721	7,254
77	54	61 224	991,932	7 328,455	7,388	6,921
78	55	58 521	898,718	6 336,523	7,051	6,583
79	56	55 630	809,781	5 437,805	6,715	6,248
80	57	52 531	724,806	4 628,025	6,385	5,918
81	58	49 256	644,189	3 903,219	6,059	5,592
82	59	45 776	567,466	3 259,030	5,743	5,276
83	60	42 149	495,260	2 691,564	5,435	4,967
84	61	38 367	427,315	2 196,304	5,140	4,673
85	62	34 515	364,378	1 768,989	4,855	4,388
86	63	30 617	306,376	1 404,611	4,585	4,117
87	64	26 765	253,866	1 098,235	4,326	3,859
88	65	23 037	207,110	844,369	4,077	3,610
89	66	19 481	166,009	637,259	3,839	3,372
90	67	16 174	130,642	471,250	3,607	3,140
91	68	13 141	100,612	340,608	3,385	2,918
92	69	10 374	75,287	239,996	3,188	2,721
93	70	7 958	54,742	164,709	3,009	2,542
94	71	5 944	38,758	109,967	2,837	2,370
95	72	4 261	26,332	71,209	2,704	2,237
96	73	2 999	17,566	44,876	2,555	2,088
97	74	2 029	11,268	27,310	2,424	1,957
98	75	1 320	6,949	16,042	2,308	1,841
99	76	827	4,125	9,093	2,204	1,737
100	77	498	2,353	4,968	2,111	1,644

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	27 433,088	486 901,308	17,749	17,282
25	1	98 808	25 910,726	459 468,220	17,733	17,266
26	2	98 737	24 542,441	433 557,494	17,666	17,198
27	3	98 679	23 249,186	409 015,052	17,593	17,125
28	4	98 615	22 022,890	385 765,866	17,517	17,049
29	5	98 555	20 862,128	363 742,975	17,436	16,968
30	6	98 491	19 761,724	342 880,847	17,351	16,884
31	7	98 428	18 719,468	323 119,123	17,261	16,794
32	8	98 356	17 730,484	304 399,655	17,168	16,701
33	9	98 281	16 793,333	286 669,171	17,070	16,603
34	10	98 205	15 905,519	269 875,838	16,967	16,500
35	11	98 120	15 063,288	253 970,319	16,860	16,393
36	12	98 025	14 264,261	238 907,030	16,749	16,281
37	13	97 930	13 507,561	224 642,770	16,631	16,164
38	14	97 830	12 790,282	211 135,209	16,507	16,040
39	15	97 717	12 109,496	198 344,926	16,379	15,912
40	16	97 599	11 464,234	186 235,430	16,245	15,778
41	17	97 462	10 851,385	174 771,197	16,106	15,639
42	18	97 319	10 270,545	163 919,812	15,960	15,493
43	19	97 154	9 718,629	153 649,267	15,810	15,343
44	20	96 976	9 195,109	143 930,638	15,653	15,186
45	21	96 784	8 698,483	134 735,529	15,490	15,022
46	22	96 570	8 226,790	126 037,046	15,320	14,853
47	23	96 343	7 779,522	117 810,256	15,144	14,676
48	24	96 082	7 354,029	110 030,734	14,962	14,495
49	25	95 798	6 950,053	102 676,705	14,774	14,306
50	26	95 479	6 565,773	95 726,652	14,580	14,112
51	27	95 125	6 200,382	89 160,880	14,380	13,913
52	28	94 737	5 853,169	82 960,498	14,174	13,706
53	29	94 294	5 522,098	77 107,329	13,963	13,496
54	30	93 800	5 206,769	71 585,231	13,748	13,281
55	31	93 249	4 906,358	66 378,462	13,529	13,062
56	32	92 646	4 620,508	61 472,104	13,304	12,837
57	33	91 981	4 348,204	56 851,596	13,075	12,608
58	34	91 255	4 088,987	52 503,391	12,840	12,373
59	35	90 450	3 841,600	48 414,405	12,603	12,135
60	36	89 577	3 606,191	44 572,805	12,360	11,893
61	37	88 636	3 382,282	40 966,614	12,112	11,645
62	38	87 622	3 169,267	37 584,332	11,859	11,392
63	39	86 508	2 965,878	34 415,064	11,604	11,136
64	40	85 327	2 772,868	31 449,187	11,342	10,875
65	41	84 052	2 589,029	28 676,319	11,076	10,609
66	42	82 697	2 414,501	26 087,290	10,804	10,337
67	43	81 278	2 249,349	23 672,789	10,524	10,057
68	44	79 747	2 091,921	21 423,440	10,241	9,774
69	45	78 175	1 943,793	19 331,519	9,945	9,478
70	46	76 477	1 802,432	17 387,726	9,647	9,180
71	47	74 669	1 668,069	15 585,293	9,343	8,876
72	48	72 743	1 540,332	13 917,224	9,035	8,568
73	49	70 728	1 419,578	12 376,893	8,719	8,252
74	50	68 602	1 305,128	10 957,315	8,396	7,928
75	51	66 350	1 196,476	9 652,187	8,067	7,600
76	52	63 950	1 093,085	8 455,711	7,736	7,268
77	53	61 392	994,650	7 362,626	7,402	6,935
78	54	58 698	901,431	6 367,976	7,064	6,597
79	55	55 815	812,473	5 466,545	6,728	6,261
80	56	52 722	727,438	4 654,072	6,398	5,931
81	57	49 454	646,771	3 926,634	6,071	5,604
82	58	45 979	569,980	3 279,863	5,754	5,287
83	59	42 354	497,664	2 709,884	5,445	4,978
84	60	38 575	429,631	2 212,220	5,149	4,682
85	61	34 710	366,429	1 782,588	4,865	4,398
86	62	30 804	308,249	1 416,160	4,594	4,127
87	63	26 943	255,549	1 107,911	4,335	3,868
88	64	23 206	208,630	852,362	4,086	3,618
89	65	19 638	167,350	643,732	3,847	3,379
90	66	16 316	131,793	476,382	3,615	3,147
91	67	13 269	101,597	344,588	3,392	2,925
92	68	10 481	76,064	242,992	3,195	2,727
93	69	8 048	55,360	166,928	3,015	2,548
94	70	6 018	39,236	111,567	2,843	2,376
95	71	4 318	26,690	72,331	2,710	2,243
96	72	3 042	17,823	45,641	2,561	2,094
97	73	2 061	11,445	27,818	2,431	1,963
98	74	1 343	7,070	16,373	2,316	1,849
99	75	843	4,205	9,303	2,212	1,745
100	76	509	2,406	5,098	2,119	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	25 990,357	459 665,374	17,686	17,219
26	1	98 760	24 548,113	433 675,017	17,666	17,199
27	2	98 691	23 251,955	409 126,903	17,595	17,128
28	3	98 627	22 025,514	385 874,948	17,519	17,052
29	4	98 564	20 864,025	363 849,434	17,439	16,972
30	5	98 499	19 763,206	342 985,408	17,355	16,888
31	6	98 435	18 720,701	323 222,202	17,265	16,798
32	7	98 360	17 731,358	304 501,502	17,173	16,706
33	8	98 287	16 794,373	286 770,144	17,075	16,608
34	9	98 211	15 906,549	269 975,771	16,973	16,505
35	10	98 125	15 064,181	254 069,222	16,866	16,399
36	11	98 033	14 265,323	239 005,041	16,754	16,287
37	12	97 938	13 508,630	224 739,718	16,637	16,170
38	13	97 839	12 791,379	211 231,088	16,514	16,046
39	14	97 728	12 110,767	198 439,710	16,385	15,918
40	15	97 611	11 465,668	186 328,943	16,251	15,784
41	16	97 476	10 852,916	174 863,275	16,112	15,645
42	17	97 333	10 272,049	164 010,359	15,967	15,499
43	18	97 174	9 720,608	153 738,309	15,816	15,349
44	19	96 995	9 196,885	144 017,701	15,659	15,192
45	20	96 802	8 700,094	134 820,817	15,496	15,029
46	21	96 586	8 228,152	126 120,723	15,328	14,861
47	22	96 359	7 780,868	117 892,571	15,152	14,684
48	23	96 103	7 355,625	110 111,702	14,970	14,503
49	24	95 815	6 951,232	102 756,077	14,782	14,315
50	25	95 497	6 566,997	95 804,846	14,589	14,122
51	26	95 143	6 201,588	89 237,849	14,390	13,922
52	27	94 758	5 854,448	83 036,260	14,183	13,716
53	28	94 318	5 523,475	77 181,813	13,973	13,506
54	29	93 824	5 208,117	71 658,337	13,759	13,292
55	30	93 277	4 907,816	66 450,221	13,540	13,072
56	31	92 676	4 621,984	61 542,405	13,315	12,848
57	32	92 013	4 349,714	56 920,421	13,086	12,619
58	33	91 288	4 090,443	52 570,707	12,852	12,385
59	34	90 485	3 843,103	48 480,264	12,615	12,148
60	35	89 613	3 607,643	44 637,161	12,373	11,906
61	36	88 678	3 383,868	41 029,518	12,125	11,658
62	37	87 662	3 170,727	37 645,650	11,873	11,406
63	38	86 559	2 967,616	34 474,923	11,617	11,150
64	39	85 378	2 774,521	31 507,308	11,356	10,889
65	40	84 109	2 590,787	28 732,787	11,090	10,623
66	41	82 760	2 416,344	26 142,000	10,819	10,352
67	42	81 345	2 251,217	23 725,655	10,539	10,072
68	43	79 819	2 093,805	21 474,438	10,256	9,789
69	44	78 255	1 945,778	19 380,633	9,960	9,493
70	45	76 562	1 804,439	17 434,855	9,662	9,195
71	46	74 764	1 670,190	15 630,416	9,358	8,891
72	47	72 847	1 542,543	13 960,226	9,050	8,583
73	48	70 841	1 421,852	12 417,683	8,733	8,266
74	49	68 726	1 307,497	10 995,831	8,410	7,943
75	50	66 481	1 198,839	9 688,335	8,081	7,614
76	51	64 092	1 095,504	8 489,496	7,749	7,282
77	52	61 543	997,098	7 393,992	7,416	6,948
78	53	58 859	903,901	6 396,893	7,077	6,610
79	54	55 984	814,926	5 492,992	6,740	6,273
80	55	52 897	729,857	4 678,067	6,410	5,942
81	56	49 633	649,120	3 948,210	6,082	5,615
82	57	46 163	572,264	3 299,090	5,765	5,298
83	58	42 541	499,869	2 726,826	5,455	4,988
84	59	38 762	431,717	2 226,957	5,158	4,691
85	60	34 898	368,415	1 795,241	4,873	4,406
86	61	30 978	309,983	1 426,826	4,603	4,136
87	62	27 107	257,111	1 116,843	4,344	3,877
88	63	23 359	210,013	859,731	4,094	3,627
89	64	19 782	168,578	649,718	3,854	3,387
90	65	16 448	132,858	481,140	3,621	3,154
91	66	13 386	102,492	348,282	3,398	2,931
92	67	10 584	76,809	245,790	3,200	2,733
93	68	8 131	55,932	168,981	3,021	2,554
94	69	6 085	39,679	113,050	2,849	2,382
95	70	4 372	27,019	73,370	2,716	2,248
96	71	3 084	18,065	46,351	2,566	2,099
97	72	2 091	11,613	28,287	2,436	1,969
98	73	1 364	7,182	16,674	2,322	1,855
99	74	858	4,279	9,492	2,219	1,751
100	75	519	2,453	5,214	2,126	1,659

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 783 811,580	17,838	17,371
1	1	99 340	93 938,573	1 683 811,580	17,925	17,457
2	2	99 290	88 786,085	1 589 873,007	17,907	17,439
3	3	99 263	83 935,382	1 501 086,922	17,884	17,416
4	4	99 238	79 351,846	1 417 151,540	17,859	17,392
5	5	99 218	75 021,681	1 337 799,694	17,832	17,365
6	6	99 201	70 930,483	1 262 778,013	17,803	17,335
7	7	99 184	67 062,372	1 191 847,530	17,772	17,305
8	8	99 171	63 407,489	1 124 785,158	17,739	17,271
9	9	99 157	59 951,204	1 061 377,669	17,704	17,236
10	10	99 142	56 683,219	1 001 426,464	17,667	17,199
11	11	99 129	53 593,855	944 743,245	17,628	17,160
12	12	99 112	50 671,468	891 149,390	17,587	17,119
13	13	99 097	47 908,736	840 477,922	17,543	17,076
14	14	99 079	45 295,554	792 569,186	17,498	17,030
15	15	99 056	42 823,008	747 273,631	17,450	16,983
16	16	99 029	40 483,419	704 450,623	17,401	16,933
17	17	98 990	38 266,932	663 967,205	17,351	16,883
18	18	98 946	36 170,317	625 700,272	17,299	16,831
19	19	98 888	34 183,535	589 529,955	17,246	16,778
20	20	98 828	32 305,122	555 346,420	17,191	16,723
21	21	98 765	30 529,155	523 041,298	17,133	16,665
22	22	98 704	28 851,489	492 512,143	17,071	16,603
23	23	98 643	27 265,708	463 660,654	17,005	16,538
24	24	98 576	25 765,744	436 394,946	16,937	16,469
25	25	98 512	24 348,862	410 629,202	16,864	16,397
26	26	98 446	23 009,559	386 280,340	16,788	16,320
27	27	98 380	21 743,907	363 270,781	16,707	16,239
28	28	98 307	20 546,275	341 526,873	16,622	16,155
29	29	98 232	19 414,251	320 980,598	16,533	16,066
30	30	98 150	18 343,370	301 566,347	16,440	15,972
31	31	98 064	17 330,835	283 222,977	16,342	15,875
32	32	97 966	16 371,988	265 892,142	16,241	15,773
33	33	97 863	15 465,571	249 520,154	16,134	15,666
34	34	97 759	14 609,066	234 054,583	16,021	15,554
35	35	97 642	13 798,196	219 445,517	15,904	15,436
36	36	97 516	13 031,109	205 647,322	15,781	15,314
37	37	97 384	12 305,856	192 616,212	15,652	15,185
38	38	97 248	11 620,489	180 310,356	15,517	15,049
39	39	97 089	10 970,681	168 689,867	15,376	14,909
40	40	96 925	10 356,671	157 719,186	15,229	14,761
41	41	96 737	9 774,596	147 362,515	15,076	14,608
42	42	96 536	9 223,833	137 587,919	14,917	14,449
43	43	96 312	8 702,077	128 364,086	14,751	14,283
44	44	96 067	8 208,045	119 662,010	14,579	14,111
45	45	95 797	7 739,905	111 453,965	14,400	13,932
46	46	95 495	7 295,975	103 714,060	14,215	13,748
47	47	95 165	6 875,452	96 418,085	14,024	13,556
48	48	94 793	6 476,151	89 542,633	13,827	13,359
49	49	94 378	6 097,198	83 066,482	13,624	13,156

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	50	93 910	5 737,116	76 969,284	13,416	12,948
51	51	93 395	5 395,431	71 232,168	13,202	12,735
52	52	92 829	5 071,138	65 836,737	12,983	12,515
53	53	92 192	4 762,459	60 765,599	12,759	12,292
54	54	91 481	4 468,804	56 003,140	12,532	12,064
55	55	90 697	4 189,617	51 534,336	12,300	11,833
56	56	89 841	3 924,408	47 344,720	12,064	11,597
57	57	88 905	3 672,338	43 420,312	11,824	11,356
58	58	87 882	3 432,716	39 747,974	11,579	11,112
59	59	86 756	3 204,472	36 315,259	11,333	10,865
60	60	85 538	2 987,702	33 110,786	11,082	10,615
61	61	84 223	2 781,804	30 123,084	10,829	10,361
62	62	82 831	2 587,086	27 341,280	10,568	10,101
63	63	81 330	2 402,064	24 754,195	10,305	9,838
64	64	79 738	2 227,011	22 352,130	10,037	9,569
65	65	78 027	2 060,727	20 125,119	9,766	9,298
66	66	76 212	1 903,360	18 064,392	9,491	9,023
67	67	74 312	1 754,982	16 161,032	9,209	8,741
68	68	72 270	1 613,962	14 406,050	8,926	8,458
69	69	70 194	1 482,362	12 792,087	8,630	8,162
70	70	67 978	1 357,498	11 309,725	8,331	7,864
71	71	65 645	1 239,637	9 952,227	8,028	7,561
72	72	63 186	1 128,328	8 712,590	7,722	7,254
73	73	60 647	1 024,104	7 584,263	7,406	6,938
74	74	58 019	926,447	6 560,159	7,081	6,613
75	75	55 263	834,461	5 633,711	6,751	6,284
76	76	52 364	747,700	4 799,250	6,419	5,951
77	77	49 293	665,579	4 051,550	6,087	5,620
78	78	46 104	588,669	3 385,971	5,752	5,284
79	79	42 737	516,001	2 797,302	5,421	4,954
80	80	39 169	447,210	2 281,302	5,101	4,634
81	81	35 458	382,828	1 834,091	4,791	4,323
82	82	31 640	323,036	1 451,263	4,493	4,025
83	83	27 801	268,403	1 128,227	4,203	3,736
84	84	23 966	218,794	859,824	3,930	3,462
85	85	20 224	174,593	641,030	3,672	3,204
86	86	16 656	135,971	466,437	3,430	2,963
87	87	13 353	103,086	330,466	3,206	2,738
88	88	10 406	75,965	227,380	2,993	2,526
89	89	7 852	54,205	151,415	2,793	2,326
90	90	5 716	37,311	97,211	2,605	2,138
91	91	3 996	24,665	59,900	2,429	1,961
92	92	2 654	15,490	35,236	2,275	1,807
93	93	1 672	9,232	19,746	2,139	1,671
94	94	1 000	5,220	10,514	2,014	1,546
95	95	556	2,743	5,294	1,930	1,462
96	96	298	1,391	2,551	1,834	1,366
97	97	150	0,660	1,160	1,756	1,288
98	98	72	0,299	0,499	1,671	1,203
99	99	32	0,125	0,200	1,598	1,130
100	100	13	0,049	0,075	1,534	1,067

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 782 576,374	17,881	17,413	50	51	93 725	5 725,810	76 358,470	13,336	12,868
1	2	99 317	93 916,868	1 682 882,760	17,919	17,451	51	52	93 189	5 383,514	70 632,660	13,120	12,653
2	3	99 278	88 775,513	1 588 965,891	17,899	17,431	52	53	92 601	5 058,687	65 249,146	12,898	12,431
3	4	99 251	83 925,382	1 500 190,379	17,875	17,408	53	54	91 940	4 749,442	60 190,459	12,673	12,206
4	5	99 229	79 344,630	1 416 264,997	17,850	17,382	54	55	91 206	4 455,354	55 441,017	12,444	11,976
5	6	99 210	75 016,055	1 336 920,366	17,822	17,354	55	56	90 397	4 175,735	50 985,663	12,210	11,742
6	7	99 194	70 925,814	1 261 904,311	17,792	17,324	56	57	89 516	3 910,206	46 809,928	11,971	11,504
7	8	99 179	67 059,066	1 190 978,498	17,760	17,293	57	58	88 550	3 657,677	42 899,722	11,729	11,261
8	9	99 165	63 403,564	1 123 919,432	17,726	17,259	58	59	87 494	3 417,575	39 242,045	11,482	11,015
9	10	99 150	59 947,325	1 060 515,868	17,691	17,223	59	60	86 337	3 188,995	35 824,470	11,234	10,766
10	11	99 136	56 679,861	1 000 568,543	17,653	17,185	60	61	85 077	2 971,595	32 635,475	10,982	10,515
11	12	99 121	53 589,863	943 888,682	17,613	17,146	61	62	83 752	2 766,239	29 663,880	10,724	10,256
12	13	99 105	50 667,459	890 298,819	17,571	17,104	62	63	82 328	2 571,365	26 897,640	10,460	9,993
13	14	99 088	47 904,630	839 631,360	17,527	17,060	63	64	80 794	2 386,248	24 326,275	10,194	9,727
14	15	99 068	45 290,801	791 726,730	17,481	17,013	64	65	79 157	2 210,782	21 940,027	9,924	9,457
15	16	99 044	42 817,651	746 435,929	17,433	16,965	65	66	77 402	2 044,217	19 729,245	9,651	9,184
16	17	99 015	40 477,706	703 618,278	17,383	16,915	66	67	75 547	1 886,733	17 685,028	9,373	8,906
17	18	98 975	38 261,329	663 140,572	17,332	16,864	67	68	73 591	1 737,968	15 798,295	9,090	8,623
18	19	98 926	36 162,952	624 879,243	17,280	16,812	68	69	71 532	1 597,476	14 060,327	8,802	8,334
19	20	98 869	34 176,937	588 716,291	17,226	16,758	69	70	69 410	1 465,801	12 462,851	8,502	8,035
20	21	98 809	32 299,140	554 539,354	17,169	16,701	70	71	67 149	1 340,959	10 997,050	8,201	7,733
21	22	98 749	30 524,101	522 240,215	17,109	16,642	71	72	64 766	1 223,038	9 656,090	7,895	7,428
22	23	98 687	28 846,497	491 716,114	17,046	16,578	72	73	62 276	1 112,069	8 433,053	7,583	7,116
23	24	98 621	27 259,792	462 869,617	16,980	16,512	73	74	59 708	1 008,248	7 320,984	7,261	6,794
24	25	98 559	25 761,375	435 609,825	16,909	16,442	74	75	57 026	910,597	6 312,736	6,933	6,465
25	26	98 493	24 344,322	409 848,451	16,835	16,368	75	76	54 209	818,550	5 402,138	6,600	6,132
26	27	98 427	23 005,082	385 504,129	16,757	16,290	76	77	51 221	731,381	4 583,589	6,267	5,799
27	28	98 359	21 739,158	362 499,047	16,675	16,207	77	78	48 088	649,304	3 852,208	5,933	5,465
28	29	98 282	20 541,151	340 759,889	16,589	16,122	78	79	44 809	572,127	3 202,904	5,598	5,131
29	30	98 206	19 409,227	320 218,738	16,498	16,031	79	80	41 330	499,012	2 630,776	5,272	4,804
30	31	98 121	18 337,923	300 809,510	16,404	15,936	80	81	37 665	430,034	2 131,764	4,957	4,490
31	32	98 033	17 325,303	282 471,588	16,304	15,836	81	82	33 896	365,959	1 701,730	4,650	4,182
32	33	97 932	16 366,306	265 146,284	16,201	15,733	82	83	30 048	306,774	1 335,771	4,354	3,887
33	34	97 828	15 460,065	248 779,978	16,092	15,624	83	84	26 186	252,814	1 028,997	4,070	3,603
34	35	97 720	14 603,352	233 319,913	15,977	15,510	84	85	22 355	204,086	776,183	3,803	3,336
35	36	97 602	13 792,642	218 716,562	15,857	15,390	85	86	18 662	161,111	572,097	3,551	3,083
36	37	97 470	13 025,000	204 923,919	15,733	15,266	86	87	15 175	123,882	410,986	3,318	2,850
37	38	97 339	12 300,193	191 898,920	15,601	15,134	87	88	12 002	92,655	287,104	3,099	2,631
38	39	97 191	11 613,684	179 598,727	15,464	14,997	88	89	9 211	67,242	194,449	2,892	2,424
39	40	97 031	10 964,146	167 985,044	15,321	14,854	89	90	6 824	47,108	127,207	2,700	2,233
40	41	96 859	10 349,642	157 020,898	15,172	14,704	90	91	4 870	31,791	80,099	2,520	2,052
41	42	96 664	9 767,140	146 671,256	15,017	14,549	91	92	3 327	20,537	48,308	2,352	1,885
42	43	96 455	9 216,178	136 904,116	14,855	14,387	92	93	2 156	12,585	27,770	2,207	1,739
43	44	96 225	8 694,245	127 687,938	14,686	14,219	93	94	1 323	7,301	15,186	2,080	1,613
44	45	95 969	8 199,672	118 993,692	14,512	14,044	94	95	765	3,993	7,885	1,975	1,507
45	46	95 691	7 731,298	110 794,020	14,331	13,863	95	96	417	2,060	3,893	1,890	1,422
46	47	95 374	7 286,711	103 062,722	14,144	13,676	96	97	218	1,016	1,833	1,804	1,336
47	48	95 029	6 865,596	95 776,011	13,950	13,483	97	98	108	0,477	0,817	1,710	1,243
48	49	94 641	6 465,792	88 910,415	13,751	13,283	98	99	50	0,208	0,339	1,632	1,165
49	50	94 207	6 086,153	82 444,623	13,546	13,079	99	100	21	0,084	0,131	1,564	1,097

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 781 567,127	17,875	17,407
1	3	99 305	93 905,685	1 681 896,548	17,910	17,443
2	4	99 266	88 764,936	1 587 990,863	17,890	17,422
3	5	99 242	83 917,751	1 499 225,927	17,865	17,398
4	6	99 222	79 338,680	1 415 308,176	17,839	17,371
5	7	99 204	75 011,117	1 335 969,496	17,810	17,343
6	8	99 189	70 922,317	1 260 958,379	17,779	17,312
7	9	99 173	67 054,914	1 190 036,062	17,747	17,280
8	10	99 158	63 399,461	1 122 981,147	17,713	17,245
9	11	99 144	59 943,773	1 059 581,686	17,676	17,209
10	12	99 129	56 675,639	999 637,913	17,638	17,170
11	13	99 113	53 585,623	942 962,275	17,597	17,130
12	14	99 096	50 663,116	889 376,651	17,555	17,087
13	15	99 078	47 899,603	838 713,535	17,510	17,042
14	16	99 056	45 285,135	790 813,933	17,463	16,995
15	17	99 030	42 811,609	745 528,797	17,414	16,947
16	18	99 001	40 471,780	702 717,188	17,363	16,896
17	19	98 955	38 253,538	662 245,409	17,312	16,844
18	20	98 907	36 155,971	623 991,871	17,258	16,791
19	21	98 851	34 170,608	587 835,900	17,203	16,735
20	22	98 793	32 293,792	553 665,291	17,145	16,677
21	23	98 731	30 518,818	521 371,499	17,084	16,616
22	24	98 666	28 840,237	490 852,681	17,020	16,552
23	25	98 605	27 255,170	462 012,443	16,951	16,484
24	26	98 541	25 756,571	434 757,273	16,879	16,412
25	27	98 474	24 339,585	409 000,702	16,804	16,336
26	28	98 405	23 000,057	384 661,117	16,724	16,257
27	29	98 334	21 733,736	361 661,060	16,641	16,173
28	30	98 257	20 535,835	339 927,324	16,553	16,085
29	31	98 177	19 403,464	319 391,488	16,461	15,993
30	32	98 090	18 332,070	299 988,024	16,364	15,897
31	33	97 999	17 319,291	281 655,955	16,263	15,795
32	34	97 897	16 360,479	264 336,664	16,157	15,689
33	35	97 790	15 454,018	247 976,185	16,046	15,578
34	36	97 681	14 597,474	232 522,167	15,929	15,461
35	37	97 557	13 786,176	217 924,693	15,807	15,340
36	38	97 425	13 019,005	204 138,517	15,680	15,212
37	39	97 282	12 292,989	191 119,512	15,547	15,079
38	40	97 133	11 606,765	178 826,524	15,407	14,940
39	41	96 965	10 956,704	167 219,758	15,262	14,794
40	42	96 785	10 341,747	156 263,054	15,110	14,642
41	43	96 583	9 759,035	145 921,307	14,952	14,485
42	44	96 369	9 207,885	136 162,272	14,788	14,320
43	45	96 127	8 685,377	126 954,388	14,617	14,149
44	46	95 863	8 190,555	118 269,011	14,440	13,972
45	47	95 569	7 721,482	110 078,456	14,256	13,789
46	48	95 237	7 276,265	102 356,975	14,067	13,600
47	49	94 877	6 854,614	95 080,710	13,871	13,403
48	50	94 470	6 454,080	88 226,096	13,670	13,202
49	51	94 021	6 074,159	81 772,016	13,462	12,995
50	52	93 518	5 713,163	75 697,857	13,250	12,782
51	53	92 960	5 370,296	69 984,694	13,032	12,564
52	54	92 348	5 044,860	64 614,398	12,808	12,340
53	55	91 663	4 735,148	59 569,537	12,580	12,113
54	56	90 904	4 440,592	54 834,389	12,348	11,881
55	57	90 070	4 160,623	50 393,797	12,112	11,645
56	58	89 159	3 894,595	46 233,174	11,871	11,404
57	59	88 159	3 641,545	42 338,579	11,627	11,159
58	60	87 072	3 401,068	38 697,034	11,378	10,910
59	61	85 871	3 171,803	35 295,966	11,128	10,660
60	62	84 601	2 954,969	32 124,163	10,871	10,404
61	63	83 243	2 749,430	29 169,194	10,609	10,142
62	64	81 786	2 554,434	26 419,764	10,343	9,875
63	65	80 205	2 368,859	23 865,330	10,075	9,607
64	66	78 523	2 193,069	21 496,471	9,802	9,334
65	67	76 726	2 026,359	19 303,402	9,526	9,059
66	68	74 814	1 868,443	17 277,043	9,247	8,779
67	69	72 840	1 720,215	15 408,600	8,957	8,490
68	70	70 733	1 579,629	13 688,385	8,666	8,198
69	71	68 564	1 447,942	12 108,756	8,363	7,895
70	72	66 250	1 323,003	10 660,814	8,058	7,590
71	73	63 833	1 205,414	9 337,810	7,747	7,279
72	74	61 312	1 094,851	8 132,396	7,428	6,960
73	75	58 687	990,998	7 037,545	7,101	6,634
74	76	55 939	893,235	6 046,546	6,769	6,302
75	77	53 026	800,684	5 153,312	6,436	5,969
76	78	49 969	713,497	4 352,628	6,100	5,633
77	79	46 737	631,059	3 639,131	5,767	5,299
78	80	43 333	553,291	3 008,072	5,437	4,969
79	81	39 742	479,846	2 454,781	5,116	4,648
80	82	36 005	411,086	1 974,935	4,804	4,337
81	83	32 189	347,536	1 563,849	4,500	4,032
82	84	28 302	288,956	1 216,313	4,209	3,742
83	85	24 426	235,819	927,357	3,932	3,465
84	86	20 628	188,327	691,537	3,672	3,204
85	87	17 003	146,787	503,211	3,428	2,961
86	88	13 639	111,346	356,424	3,201	2,733
87	89	10 624	82,016	245,078	2,988	2,521
88	90	8 005	58,439	163,062	2,790	2,323
89	91	5 815	40,139	104,623	2,606	2,139
90	92	4 055	26,471	64,484	2,436	1,968
91	93	2 703	16,685	38,013	2,278	1,811
92	94	1 705	9,952	21,327	2,143	1,675
93	95	1 012	5,584	11,375	2,037	1,570
94	96	574	2,998	5,792	1,932	1,464
95	97	305	1,505	2,793	1,856	1,389
96	98	157	0,735	1,289	1,754	1,287
97	99	75	0,332	0,554	1,669	1,202
98	100	33	0,139	0,222	1,597	1,129

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 780 496,084	17,866	17,398
1	4	99 293	93 894,497	1 680 837,374	17,901	17,434
2	5	99 257	88 756,865	1 586 942,877	17,880	17,412
3	6	99 234	83 911,457	1 498 186,012	17,854	17,387
4	7	99 215	79 333,457	1 414 274,555	17,827	17,359
5	8	99 199	75 007,419	1 334 941,098	17,797	17,330
6	9	99 183	70 917,927	1 259 933,678	17,766	17,299
7	10	99 167	67 050,576	1 189 015,752	17,733	17,266
8	11	99 152	63 395,704	1 121 965,176	17,698	17,230
9	12	99 137	59 939,308	1 058 569,472	17,661	17,193
10	13	99 121	56 671,155	998 630,164	17,621	17,154
11	14	99 105	53 581,030	941 959,009	17,580	17,113
12	15	99 086	50 657,799	888 377,979	17,537	17,069
13	16	99 066	47 893,611	837 720,179	17,491	17,024
14	17	99 042	45 278,745	789 826,569	17,444	16,976
15	18	99 016	42 805,341	744 547,824	17,394	16,926
16	19	98 981	40 463,538	701 742,483	17,343	16,875
17	20	98 936	38 246,154	661 278,945	17,290	16,823
18	21	98 889	36 149,276	623 032,791	17,235	16,767
19	22	98 834	34 164,951	586 883,515	17,178	16,710
20	23	98 776	32 288,204	552 718,564	17,118	16,651
21	24	98 710	30 512,196	520 430,360	17,056	16,589
22	25	98 649	28 835,347	489 918,163	16,990	16,523
23	26	98 586	27 250,088	461 082,816	16,920	16,453
24	27	98 522	25 751,560	433 832,729	16,847	16,379
25	28	98 453	24 334,269	408 081,169	16,770	16,302
26	29	98 381	22 994,321	383 746,900	16,689	16,221
27	30	98 309	21 728,112	360 752,579	16,603	16,135
28	31	98 228	20 529,738	339 024,467	16,514	16,046
29	32	98 146	19 397,270	318 494,730	16,420	15,952
30	33	98 056	18 325,707	299 097,459	16,321	15,854
31	34	97 964	17 313,124	280 771,752	16,217	15,750
32	35	97 858	16 354,080	263 458,628	16,110	15,642
33	36	97 750	15 447,798	247 104,547	15,996	15,529
34	37	97 635	14 590,630	231 656,749	15,877	15,410
35	38	97 512	13 779,831	217 066,119	15,752	15,285
36	39	97 368	13 011,380	203 286,288	15,624	15,156
37	40	97 224	12 285,666	190 274,908	15,488	15,020
38	41	97 067	11 598,888	177 989,242	15,345	14,878
39	42	96 891	10 948,346	166 390,354	15,198	14,730
40	43	96 705	10 333,165	155 442,008	15,043	14,575
41	44	96 496	9 750,252	145 108,843	14,883	14,415
42	45	96 270	9 198,492	135 358,591	14,715	14,248
43	46	96 020	8 675,719	126 160,099	14,542	14,074
44	47	95 741	8 180,155	117 484,380	14,362	13,895
45	48	95 432	7 710,412	109 304,225	14,176	13,709
46	49	95 085	7 264,626	101 593,812	13,985	13,517
47	50	94 705	6 842,197	94 329,186	13,786	13,319
48	51	94 283	6 441,361	87 486,989	13,582	13,114
49	52	93 813	6 060,743	81 045,628	13,372	12,905
50	53	93 288	5 699,136	74 984,885	13,157	12,690
51	54	92 706	5 355,618	69 285,750	12,937	12,469
52	55	92 070	5 029,677	63 930,132	12,711	12,243
53	56	91 359	4 719,459	58 900,455	12,480	12,013
54	57	90 575	4 424,522	54 180,996	12,246	11,778
55	58	89 710	4 144,013	49 756,474	12,007	11,539
56	59	88 765	3 877,418	45 612,461	11,764	11,296
57	60	87 733	3 623,956	41 735,043	11,516	11,049
58	61	86 602	3 382,733	38 111,087	11,266	10,799
59	62	85 391	3 154,056	34 728,354	11,011	10,543
60	63	84 087	2 937,013	31 574,298	10,750	10,283
61	64	82 694	2 731,326	28 637,285	10,485	10,017
62	65	81 190	2 535,819	25 905,959	10,216	9,748
63	66	79 563	2 349,879	23 370,140	9,945	9,478
64	67	77 837	2 173,912	21 020,261	9,669	9,202
65	68	75 982	2 006,715	18 846,349	9,392	8,924
66	69	74 050	1 849,357	16 839,634	9,106	8,638
67	70	72 026	1 700,997	14 990,277	8,813	8,345
68	71	69 871	1 560,383	13 289,280	8,517	8,049
69	72	67 646	1 428,554	11 728,897	8,210	7,743
70	73	65 296	1 303,940	10 300,343	7,899	7,432
71	74	62 844	1 186,751	8 996,403	7,581	7,113
72	75	60 263	1 076,120	7 809,652	7,257	6,790
73	76	57 568	972,102	6 733,532	6,927	6,459
74	77	54 718	873,739	5 761,429	6,594	6,126
75	78	51 729	781,106	4 887,691	6,257	5,790
76	79	48 565	693,448	4 106,585	5,922	5,454
77	80	45 198	610,282	3 413,137	5,593	5,125
78	81	41 669	532,040	2 802,855	5,268	4,801
79	82	37 991	458,703	2 270,815	4,951	4,483
80	83	34 192	390,391	1 812,112	4,642	4,174
81	84	30 320	327,351	1 421,721	4,343	3,876
82	85	26 400	269,532	1 094,370	4,060	3,593
83	86	22 540	217,609	824,838	3,790	3,323
84	87	18 794	171,583	607,229	3,539	3,071
85	88	15 282	131,933	435,646	3,302	2,834
86	89	12 073	98,561	303,713	3,081	2,614
87	90	9 233	71,278	205,152	2,878	2,411
88	91	6 821	49,794	133,873	2,689	2,221
89	92	4 842	33,423	84,080	2,516	2,048
90	93	3 295	21,506	50,657	2,355	1,888
91	94	2 138	13,195	29,151	2,209	1,742
92	95	1 304	7,611	15,956	2,096	1,629
93	96	760	4,193	8,344	1,990	1,522
94	97	420	2,190	4,151	1,895	1,428
95	98	220	1,088	1,961	1,803	1,335
96	99	109	0,511	0,873	1,710	1,242
97	100	50	0,222	0,362	1,631	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 779 346,853	17,857	17,389
1	5	99 284	93 885,959	1 679 700,015	17,891	17,423
2	6	99 250	88 750,208	1 585 814,056	17,868	17,401
3	7	99 228	83 905,934	1 497 063,848	17,842	17,375
4	8	99 210	79 329,546	1 413 157,914	17,814	17,346
5	9	99 193	75 002,775	1 333 828,368	17,784	17,316
6	10	99 177	70 913,338	1 258 825,592	17,752	17,284
7	11	99 161	67 046,603	1 187 912,255	17,718	17,250
8	12	99 145	63 390,982	1 120 865,652	17,682	17,214
9	13	99 129	59 934,566	1 057 474,670	17,644	17,176
10	14	99 113	56 666,297	997 540,104	17,604	17,136
11	15	99 095	53 575,407	940 873,807	17,562	17,094
12	16	99 073	50 651,462	887 298,399	17,518	17,050
13	17	99 052	47 886,853	836 646,937	17,471	17,004
14	18	99 028	45 272,116	788 760,084	17,423	16,955
15	19	98 995	42 796,624	743 487,969	17,373	16,905
16	20	98 961	40 455,728	700 691,345	17,320	16,852
17	21	98 918	38 239,072	660 235,617	17,266	16,798
18	22	98 872	36 143,291	621 996,546	17,209	16,742
19	23	98 817	34 159,039	585 853,254	17,151	16,683
20	24	98 755	32 281,198	551 694,215	17,090	16,623
21	25	98 693	30 507,022	519 413,017	17,026	16,558
22	26	98 631	28 829,970	488 905,995	16,958	16,491
23	27	98 567	27 244,785	460 076,024	16,887	16,419
24	28	98 500	25 745,935	432 831,239	16,812	16,344
25	29	98 428	24 328,200	407 085,304	16,733	16,265
26	30	98 355	22 988,371	382 757,104	16,650	16,182
27	31	98 280	21 721,660	359 768,734	16,563	16,095
28	32	98 196	20 523,185	338 047,074	16,471	16,004
29	33	98 112	19 390,539	317 523,889	16,375	15,908
30	34	98 021	18 319,183	298 133,350	16,274	15,807
31	35	97 926	17 306,353	279 814,167	16,168	15,701
32	36	97 819	16 347,498	262 507,815	16,058	15,590
33	37	97 705	15 440,555	246 160,317	15,942	15,475
34	38	97 590	14 583,915	230 719,762	15,820	15,353
35	39	97 455	13 771,761	216 135,846	15,694	15,227
36	40	97 310	13 003,629	202 364,086	15,562	15,095
37	41	97 158	12 277,328	189 360,456	15,424	14,956
38	42	96 993	11 590,040	177 083,129	15,279	14,811
39	43	96 811	10 939,261	165 493,089	15,128	14,661
40	44	96 618	10 323,866	154 553,828	14,971	14,503
41	45	96 398	9 740,307	144 229,962	14,808	14,340
42	46	96 163	9 188,264	134 489,656	14,637	14,170
43	47	95 898	8 664,703	125 301,392	14,461	13,994
44	48	95 604	8 168,428	116 636,688	14,279	13,811
45	49	95 279	7 698,079	108 468,260	14,090	13,623
46	50	94 912	7 251,467	100 770,181	13,897	13,429
47	51	94 518	6 828,714	93 518,715	13,695	13,227
48	52	94 075	6 427,133	86 690,001	13,488	13,021
49	53	93 583	6 045,862	80 262,868	13,276	12,808
50	54	93 033	5 683,559	74 217,006	13,058	12,591
51	55	92 427	5 339,499	68 533,447	12,835	12,368
52	56	91 765	5 013,012	63 193,948	12,606	12,138
53	57	91 029	4 702,380	58 180,936	12,373	11,905
54	58	90 213	4 406,858	53 478,556	12,135	11,668
55	59	89 315	4 125,736	49 071,698	11,894	11,426
56	60	88 337	3 858,690	44 945,962	11,648	11,180
57	61	87 260	3 604,419	41 087,272	11,399	10,932
58	62	86 118	3 363,806	37 482,853	11,143	10,675
59	63	84 872	3 134,890	34 119,047	10,884	10,416
60	64	83 533	2 917,674	30 984,157	10,619	10,152
61	65	82 092	2 711,422	28 066,483	10,351	9,884
62	66	80 539	2 515,502	25 355,060	10,080	9,612
63	67	78 868	2 329,352	22 839,559	9,805	9,338
64	68	77 082	2 152,837	20 510,207	9,527	9,059
65	69	75 206	1 986,217	18 357,370	9,242	8,775
66	70	73 223	1 828,695	16 371,153	8,952	8,485
67	71	71 148	1 680,273	14 542,457	8,655	8,187
68	72	68 935	1 539,489	12 862,185	8,355	7,887
69	73	66 671	1 407,970	11 322,695	8,042	7,574
70	74	64 285	1 283,751	9 914,726	7,723	7,256
71	75	61 769	1 166,448	8 630,975	7,399	6,932
72	76	59 114	1 055,601	7 464,527	7,071	6,604
73	77	56 311	950,885	6 408,926	6,740	6,272
74	78	53 380	852,374	5 458,041	6,403	5,936
75	79	50 276	759,157	4 605,667	6,067	5,599
76	80	46 966	670,617	3 846,510	5,736	5,268
77	81	43 462	586,843	3 175,893	5,412	4,944
78	82	39 833	508,597	2 589,050	5,091	4,623
79	83	36 079	435,611	2 080,453	4,776	4,308
80	84	32 206	367,716	1 644,842	4,473	4,006
81	85	28 282	305,346	1 277,126	4,183	3,715
82	86	24 361	248,719	971,780	3,907	3,440
83	87	20 536	198,262	723,061	3,647	3,179
84	88	16 892	154,220	524,799	3,403	2,935
85	89	13 527	116,784	370,579	3,173	2,706
86	90	10 492	85,658	253,795	2,963	2,495
87	91	7 867	60,734	168,137	2,768	2,301
88	92	5 680	41,461	107,404	2,590	2,123
89	93	3 934	27,154	65,942	2,428	1,961
90	94	2 605	17,007	38,788	2,281	1,813
91	95	1 635	10,092	21,781	2,158	1,691
92	96	979	5,716	11,689	2,045	1,577
93	97	555	3,063	5,973	1,950	1,482
94	98	303	1,583	2,910	1,838	1,370
95	99	153	0,756	1,327	1,754	1,287
96	100	73	0,342	0,570	1,668	1,201

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 778 114,040	17,846	17,378
1	6	99 277	93 878,918	1 678 476,264	17,879	17,412
2	7	99 243	88 744,366	1 584 597,346	17,856	17,388
3	8	99 223	83 901,798	1 495 852,980	17,829	17,361
4	9	99 204	79 324,635	1 411 951,182	17,800	17,332
5	10	99 186	74 997,922	1 332 626,547	17,769	17,301
6	11	99 171	70 909,136	1 257 628,625	17,736	17,268
7	12	99 153	67 041,609	1 186 719,489	17,701	17,234
8	13	99 137	63 385,967	1 119 677,881	17,664	17,197
9	14	99 121	59 929,429	1 056 291,913	17,626	17,158
10	15	99 102	56 660,351	996 362,485	17,585	17,117
11	16	99 082	53 568,705	939 702,134	17,542	17,074
12	17	99 059	50 644,315	886 133,429	17,497	17,030
13	18	99 037	47 879,841	835 489,114	17,450	16,982
14	19	99 007	45 262,896	787 609,273	17,401	16,933
15	20	98 976	42 788,363	742 346,376	17,349	16,882
16	21	98 943	40 448,236	699 558,013	17,295	16,828
17	22	98 901	38 232,741	659 109,777	17,239	16,772
18	23	98 855	36 137,037	620 877,036	17,181	16,714
19	24	98 796	34 151,627	584 739,999	17,122	16,654
20	25	98 738	32 275,724	550 588,372	17,059	16,591
21	26	98 675	30 501,334	518 312,648	16,993	16,526
22	27	98 612	28 824,361	487 811,314	16,924	16,456
23	28	98 546	27 238,834	458 986,953	16,850	16,383
24	29	98 476	25 739,514	431 748,119	16,774	16,306
25	30	98 403	24 321,904	406 008,605	16,693	16,226
26	31	98 326	22 981,545	381 686,700	16,608	16,141
27	32	98 248	21 714,727	358 705,156	16,519	16,051
28	33	98 162	20 516,062	336 990,429	16,426	15,958
29	34	98 077	19 383,635	316 474,367	16,327	15,859
30	35	97 982	18 312,018	297 090,732	16,224	15,756
31	36	97 886	17 299,387	278 778,715	16,115	15,647
32	37	97 773	16 339,834	261 479,327	16,003	15,535
33	38	97 660	15 433,449	245 139,494	15,884	15,416
34	39	97 533	14 575,374	229 706,045	15,760	15,292
35	40	97 397	13 763,557	215 130,671	15,630	15,163
36	41	97 244	12 994,804	201 367,114	15,496	15,028
37	42	97 084	12 267,962	188 372,310	15,355	14,887
38	43	96 912	11 580,422	176 104,348	15,207	14,739
39	44	96 723	10 929,416	164 523,926	15,053	14,586
40	45	96 519	10 313,335	153 594,510	14,893	14,425
41	46	96 291	9 729,476	143 281,175	14,727	14,259
42	47	96 041	9 176,597	133 551,699	14,554	14,086
43	48	95 761	8 652,282	124 375,102	14,375	13,907
44	49	95 451	8 155,362	115 722,820	14,190	13,722
45	50	95 107	7 684,134	107 567,458	13,999	13,531
46	51	94 725	7 237,176	99 883,323	13,801	13,334
47	52	94 310	6 813,631	92 646,147	13,597	13,130
48	53	93 844	6 411,353	85 832,516	13,388	12,920
49	54	93 327	6 029,337	79 421,163	13,172	12,705
50	55	92 753	5 666,454	73 391,826	12,952	12,484
51	56	92 121	5 321,808	67 725,372	12,726	12,258
52	57	91 433	4 994,870	62 403,565	12,494	12,026
53	58	90 665	4 683,606	57 408,694	12,257	11,790
54	59	89 815	4 387,421	52 725,088	12,017	11,550
55	60	88 883	4 105,808	48 337,666	11,773	11,305
56	61	87 860	3 837,888	44 231,858	11,525	11,057
57	62	86 772	3 584,252	40 393,971	11,270	10,802
58	63	85 594	3 343,366	36 809,719	11,010	10,542
59	64	84 313	3 114,249	33 466,353	10,746	10,279
60	65	82 925	2 896,412	30 352,104	10,479	10,012
61	66	81 434	2 689,698	27 455,692	10,208	9,740
62	67	79 836	2 493,528	24 765,994	9,932	9,465
63	68	78 103	2 306,770	22 272,466	9,655	9,188
64	69	76 295	2 130,846	19 965,696	9,370	8,902
65	70	74 366	1 964,027	17 834,850	9,081	8,613
66	71	72 331	1 806,416	15 870,824	8,786	8,318
67	72	70 196	1 657,773	14 064,408	8,484	8,016
68	73	67 942	1 517,306	12 406,635	8,177	7,709
69	74	65 639	1 386,170	10 889,329	7,856	7,388
70	75	63 185	1 261,788	9 503,158	7,532	7,064
71	76	60 591	1 144,207	8 241,370	7,203	6,735
72	77	57 823	1 032,561	7 097,164	6,873	6,406
73	78	54 934	927,634	6 064,602	6,538	6,070
74	79	51 880	828,422	5 136,968	6,201	5,733
75	80	48 621	734,163	4 308,546	5,869	5,401
76	81	45 162	644,860	3 574,383	5,543	5,075
77	82	41 547	560,985	2 929,523	5,222	4,755
78	83	37 828	482,993	2 368,538	4,904	4,436
79	84	33 983	410,310	1 885,545	4,595	4,128
80	85	30 042	342,998	1 475,235	4,301	3,833
81	86	26 098	281,767	1 132,237	4,018	3,551
82	87	22 195	226,606	850,470	3,753	3,286
83	88	18 458	178,200	623,864	3,501	3,033
84	89	14 953	136,512	445,664	3,265	2,797
85	90	11 756	101,495	309,152	3,046	2,578
86	91	8 940	72,986	207,657	2,845	2,378
87	92	6 551	50,571	134,672	2,663	2,195
88	93	4 614	33,685	84,101	2,497	2,029
89	94	3 111	21,473	50,416	2,348	1,880
90	95	1 993	13,008	28,943	2,225	1,757
91	96	1 228	7,579	15,935	2,103	1,635
92	97	715	4,176	8,357	2,001	1,534
93	98	401	2,214	4,181	1,888	1,420
94	99	211	1,101	1,966	1,786	1,319
95	100	103	0,506	0,866	1,709	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 776 789,095	17,834	17,366
1	7	99 270	93 872,738	1 677 158,790	17,866	17,399
2	8	99 238	88 739,991	1 583 286,052	17,842	17,374
3	9	99 217	83 896,603	1 494 546,060	17,814	17,347
4	10	99 198	79 319,502	1 410 649,457	17,784	17,317
5	11	99 180	74 993,478	1 331 329,955	17,753	17,285
6	12	99 164	70 903,854	1 256 336,477	17,719	17,251
7	13	99 145	67 036,305	1 185 432,623	17,683	17,216
8	14	99 129	63 380,534	1 118 396,318	17,646	17,178
9	15	99 110	59 923,140	1 055 015,784	17,606	17,139
10	16	99 090	56 653,263	995 092,645	17,565	17,097
11	17	99 068	53 561,146	938 439,382	17,521	17,053
12	18	99 045	50 636,900	884 878,236	17,475	17,007
13	19	99 017	47 870,091	834 241,336	17,427	16,960
14	20	98 988	45 254,160	786 371,245	17,377	16,909
15	21	98 958	42 780,440	741 117,086	17,324	16,856
16	22	98 927	40 441,540	698 336,646	17,268	16,800
17	23	98 884	38 226,125	657 895,106	17,211	16,743
18	24	98 834	36 129,196	619 668,981	17,151	16,684
19	25	98 779	34 145,836	583 539,785	17,090	16,622
20	26	98 719	32 269,706	549 393,949	17,025	16,557
21	27	98 656	30 495,399	517 124,243	16,957	16,490
22	28	98 590	28 818,065	486 628,844	16,886	16,419
23	29	98 521	27 232,041	457 810,779	16,811	16,344
24	30	98 450	25 732,853	430 578,738	16,733	16,265
25	31	98 373	24 314,682	404 845,885	16,650	16,183
26	32	98 295	22 974,209	380 531,203	16,563	16,096
27	33	98 214	21 707,191	357 556,994	16,472	16,004
28	34	98 127	20 508,758	335 849,803	16,376	15,908
29	35	98 038	19 376,053	315 341,045	16,275	15,807
30	36	97 943	18 304,648	295 964,992	16,169	15,701
31	37	97 841	17 291,276	277 660,344	16,058	15,590
32	38	97 728	16 332,314	260 369,068	15,942	15,474
33	39	97 603	15 424,410	244 036,754	15,821	15,354
34	40	97 475	14 566,691	228 612,344	15,694	15,227
35	41	97 331	13 754,215	214 045,653	15,562	15,095
36	42	97 170	12 984,891	200 291,437	15,425	14,957
37	43	97 003	12 257,782	187 306,547	15,281	14,813
38	44	96 825	11 570,000	175 048,765	15,130	14,662
39	45	96 625	10 918,268	163 478,765	14,973	14,505
40	46	96 412	10 301,867	152 560,497	14,809	14,341
41	47	96 169	9 717,122	142 258,630	14,640	14,172
42	48	95 903	9 163,442	132 541,508	14,464	13,997
43	49	95 607	8 638,442	123 378,065	14,282	13,815
44	50	95 278	8 140,589	114 739,623	14,095	13,627
45	51	94 919	7 668,992	106 599,034	13,900	13,432
46	52	94 516	7 221,191	98 930,043	13,700	13,232
47	53	94 078	6 796,901	91 708,852	13,493	13,025
48	54	93 588	6 393,830	84 911,951	13,280	12,813
49	55	93 046	6 011,191	78 518,121	13,062	12,594
50	56	92 446	5 647,679	72 506,929	12,838	12,371
51	57	91 788	5 302,549	66 859,251	12,609	12,141
52	58	91 068	4 974,929	61 556,702	12,373	11,906
53	59	90 265	4 662,949	56 581,773	12,134	11,667
54	60	89 381	4 366,230	51 918,824	11,891	11,423
55	61	88 404	4 083,674	47 552,594	11,645	11,177
56	62	87 369	3 816,414	43 468,920	11,390	10,922
57	63	86 245	3 562,472	39 652,506	11,131	10,663
58	64	85 031	3 321,352	36 090,034	10,866	10,398
59	65	83 699	3 091,554	32 768,682	10,599	10,132
60	66	82 260	2 873,206	29 677,128	10,329	9,861
61	67	80 723	2 666,202	26 803,923	10,053	9,586
62	68	79 062	2 469,354	24 137,720	9,775	9,307
63	69	77 305	2 283,207	21 668,366	9,490	9,023
64	70	75 443	2 107,040	19 385,159	9,200	8,733
65	71	73 460	1 940,098	17 278,119	8,906	8,438
66	72	71 362	1 782,227	15 338,021	8,606	8,139
67	73	69 184	1 633,886	13 555,794	8,297	7,829
68	74	66 890	1 493,814	11 921,908	7,981	7,513
69	75	64 516	1 362,455	10 428,094	7,654	7,186
70	76	61 980	1 237,729	9 065,639	7,324	6,857
71	77	59 269	1 119,233	7 827,910	6,994	6,526
72	78	56 409	1 007,313	6 708,677	6,660	6,192
73	79	53 391	901,568	5 701,364	6,324	5,856
74	80	50 172	801,148	4 799,796	5,991	5,524
75	81	46 753	705,965	3 998,648	5,664	5,197
76	82	43 172	616,446	3 292,683	5,341	4,874
77	83	39 455	532,744	2 676,238	5,023	4,556
78	84	35 631	454,940	2 143,494	4,712	4,244
79	85	31 699	382,729	1 688,553	4,412	3,944
80	86	27 722	316,511	1 305,825	4,126	3,658
81	87	23 777	256,716	989,313	3,854	3,386
82	88	19 949	203,675	732,598	3,597	3,129
83	89	16 338	157,738	528,923	3,353	2,886
84	90	12 995	118,640	371,185	3,129	2,661
85	91	10 017	86,480	252,544	2,920	2,453
86	92	7 444	60,773	166,064	2,733	2,265
87	93	5 322	41,086	105,292	2,563	2,095
88	94	3 649	26,638	64,206	2,410	1,943
89	95	2 379	16,423	37,568	2,287	1,820
90	96	1 496	9,768	21,144	2,165	1,697
91	97	897	5,536	11,376	2,055	1,587
92	98	517	3,019	5,840	1,935	1,467
93	99	279	1,540	2,821	1,832	1,365
94	100	141	0,737	1,281	1,739	1,271

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 775 364,398	17,821	17,353
1	8	99 266	93 868,111	1 675 740,652	17,852	17,384
2	9	99 232	88 734,497	1 581 872,541	17,827	17,359
3	10	99 210	83 891,174	1 493 138,044	17,799	17,331
4	11	99 192	79 314,802	1 409 246,870	17,768	17,300
5	12	99 173	74 987,892	1 329 932,067	17,735	17,268
6	13	99 156	70 898,245	1 254 944,175	17,701	17,233
7	14	99 137	67 030,558	1 184 045,930	17,664	17,197
8	15	99 118	63 373,883	1 117 015,372	17,626	17,158
9	16	99 098	59 915,643	1 053 641,489	17,585	17,118
10	17	99 076	56 645,269	993 725,846	17,543	17,075
11	18	99 054	53 553,304	937 080,577	17,498	17,031
12	19	99 025	50 626,588	883 527,273	17,452	16,984
13	20	98 998	47 860,851	832 900,685	17,403	16,935
14	21	98 970	45 245,780	785 039,835	17,351	16,883
15	22	98 942	42 773,357	739 794,055	17,296	16,828
16	23	98 910	40 434,542	697 020,697	17,238	16,771
17	24	98 863	38 217,830	656 586,156	17,180	16,713
18	25	98 817	36 123,069	618 368,325	17,118	16,651
19	26	98 761	34 139,469	582 245,256	17,055	16,587
20	27	98 700	32 263,427	548 105,787	16,988	16,521
21	28	98 634	30 488,738	515 842,360	16,919	16,452
22	29	98 565	28 810,878	485 353,621	16,846	16,379
23	30	98 496	27 224,994	456 542,744	16,769	16,302
24	31	98 421	25 725,212	429 317,749	16,689	16,221
25	32	98 342	24 306,921	403 592,537	16,604	16,136
26	33	98 261	22 966,236	379 285,616	16,515	16,047
27	34	98 179	21 699,462	356 319,380	16,421	15,953
28	35	98 089	20 500,736	334 619,919	16,322	15,855
29	36	97 999	19 368,255	314 119,182	16,218	15,751
30	37	97 897	18 296,065	294 750,927	16,110	15,642
31	38	97 795	17 283,319	276 454,862	15,995	15,528
32	39	97 671	16 322,748	259 171,543	15,878	15,410
33	40	97 544	15 415,222	242 848,795	15,754	15,286
34	41	97 409	14 556,805	227 433,573	15,624	15,156
35	42	97 256	13 743,723	212 876,768	15,489	15,021
36	43	97 089	12 974,116	199 133,045	15,348	14,881
37	44	96 916	12 246,750	186 158,929	15,201	14,733
38	45	96 726	11 558,199	173 912,179	15,047	14,579
39	46	96 517	10 906,127	162 353,980	14,886	14,419
40	47	96 290	10 288,787	151 447,853	14,720	14,252
41	48	96 031	9 703,192	141 159,067	14,548	14,080
42	49	95 750	9 148,785	131 455,875	14,369	13,901
43	50	95 434	8 622,794	122 307,090	14,184	13,717
44	51	95 090	8 124,547	113 684,296	13,993	13,525
45	52	94 710	7 652,052	105 559,749	13,795	13,327
46	53	94 284	7 203,461	97 907,697	13,592	13,124
47	54	93 821	6 778,324	90 704,236	13,382	12,914
48	55	93 306	6 374,587	83 925,912	13,166	12,698
49	56	92 738	5 991,274	77 551,325	12,944	12,476
50	57	92 112	5 627,240	71 560,051	12,717	12,249
51	58	91 421	5 281,379	65 932,811	12,484	12,016
52	59	90 666	4 952,987	60 651,432	12,245	11,778
53	60	89 829	4 640,427	55 698,445	12,003	11,535
54	61	88 899	4 342,692	51 058,018	11,757	11,290
55	62	87 909	4 060,825	46 715,326	11,504	11,036
56	63	86 838	3 793,223	42 654,501	11,245	10,777
57	64	85 677	3 539,015	38 861,277	10,981	10,513
58	65	84 411	3 297,148	35 322,262	10,713	10,245
59	66	83 028	3 066,784	32 025,115	10,443	9,975
60	67	81 542	2 848,107	28 958,331	10,168	9,700
61	68	79 940	2 640,355	26 110,224	9,889	9,421
62	69	78 254	2 444,131	23 469,869	9,603	9,135
63	70	76 442	2 257,698	21 025,738	9,313	8,845
64	71	74 523	2 081,369	18 768,040	9,017	8,550
65	72	72 476	1 914,119	16 686,671	8,718	8,250
66	73	70 334	1 756,546	14 772,552	8,410	7,942
67	74	68 113	1 608,589	13 016,005	8,092	7,624
68	75	65 746	1 468,257	11 407,416	7,769	7,302
69	76	63 286	1 336,476	9 939,159	7,437	6,969
70	77	60 627	1 210,714	8 602,683	7,105	6,638
71	78	57 820	1 091,866	7 391,969	6,770	6,302
72	79	54 824	979,008	6 300,103	6,435	5,968
73	80	51 633	871,885	5 321,095	6,103	5,635
74	81	48 245	770,377	4 449,210	5,775	5,308
75	82	44 693	674,858	3 678,833	5,451	4,984
76	83	40 999	585,413	3 003,974	5,131	4,664
77	84	37 164	501,801	2 418,562	4,820	4,352
78	85	33 236	424,359	1 916,760	4,517	4,049
79	86	29 251	353,174	1 492,402	4,226	3,758
80	87	25 257	288,371	1 139,228	3,951	3,483
81	88	21 371	230,739	850,857	3,688	3,220
82	89	17 659	180,288	620,118	3,440	2,972
83	90	14 199	137,087	439,830	3,208	2,741
84	91	11 073	101,089	302,743	2,995	2,527
85	92	8 341	72,009	201,654	2,800	2,333
86	93	6 048	49,374	129,645	2,626	2,158
87	94	4 209	32,491	80,271	2,471	2,003
88	95	2 791	20,374	47,780	2,345	1,878
89	96	1 787	12,333	27,406	2,222	1,755
90	97	1 093	7,136	15,073	2,112	1,645
91	98	648	4,002	7,937	1,983	1,516
92	99	360	2,099	3,935	1,875	1,407
93	100	187	1,031	1,836	1,781	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 773 832,748	17,806	17,339
1	9	99 259	93 862,299	1 674 213,913	17,837	17,369
2	10	99 226	88 728,756	1 580 351,613	17,811	17,343
3	11	99 205	83 886,203	1 491 622,858	17,782	17,314
4	12	99 184	79 308,895	1 407 736,654	17,750	17,282
5	13	99 165	74 981,960	1 328 427,760	17,717	17,249
6	14	99 147	70 892,167	1 253 445,800	17,681	17,213
7	15	99 127	67 023,524	1 182 553,633	17,644	17,176
8	16	99 106	63 365,955	1 115 530,108	17,605	17,137
9	17	99 084	59 907,189	1 052 164,154	17,563	17,096
10	18	99 061	56 636,975	992 256,965	17,520	17,052
11	19	99 033	53 542,398	935 619,990	17,474	17,007
12	20	99 006	50 616,816	882 077,592	17,427	16,959
13	21	98 979	47 851,988	831 460,776	17,376	16,908
14	22	98 954	45 238,289	783 608,787	17,322	16,854
15	23	98 924	42 765,956	738 370,498	17,265	16,798
16	24	98 888	40 425,768	695 604,543	17,207	16,739
17	25	98 846	38 211,350	655 178,775	17,146	16,679
18	26	98 799	36 116,334	616 967,425	17,083	16,615
19	27	98 741	34 132,827	580 851,091	17,017	16,550
20	28	98 679	32 256,380	546 718,264	16,949	16,482
21	29	98 610	30 481,134	514 461,885	16,878	16,410
22	30	98 540	28 803,422	483 980,750	16,803	16,335
23	31	98 466	27 216,910	455 177,328	16,724	16,256
24	32	98 390	25 717,001	427 960,418	16,641	16,174
25	33	98 308	24 298,485	402 243,417	16,554	16,087
26	34	98 226	22 958,059	377 944,932	16,462	15,995
27	35	98 141	21 690,975	354 986,873	16,366	15,898
28	36	98 049	20 492,485	333 295,898	16,264	15,797
29	37	97 953	19 359,174	312 803,413	16,158	15,690
30	38	97 852	18 287,645	293 444,239	16,046	15,578
31	39	97 738	17 273,196	275 156,594	15,930	15,462
32	40	97 613	16 313,025	257 883,397	15,808	15,341
33	41	97 478	15 404,760	241 570,372	15,682	15,214
34	42	97 335	14 545,700	226 165,613	15,549	15,081
35	43	97 176	13 732,318	211 619,913	15,410	14,943
36	44	97 002	12 962,440	197 887,594	15,266	14,799
37	45	96 817	12 234,258	184 925,154	15,115	14,648
38	46	96 619	11 545,346	172 690,896	14,958	14,490
39	47	96 395	10 892,279	161 145,550	14,794	14,327
40	48	96 152	10 274,037	150 253,270	14,625	14,157
41	49	95 877	9 687,671	139 979,233	14,449	13,982
42	50	95 577	9 132,212	130 291,562	14,267	13,800
43	51	95 246	8 605,801	121 159,350	14,079	13,611
44	52	94 880	8 106,601	112 553,549	13,884	13,417
45	53	94 477	7 633,264	104 446,947	13,683	13,216
46	54	94 026	7 183,773	96 813,683	13,477	13,009
47	55	93 539	6 757,924	89 629,910	13,263	12,795
48	56	92 997	6 353,465	82 871,987	13,044	12,576
49	57	92 402	5 969,592	76 518,521	12,818	12,350
50	58	91 744	5 604,775	70 548,929	12,587	12,120
51	59	91 018	5 258,085	64 944,155	12,351	11,884
52	60	90 229	4 929,064	59 686,069	12,109	11,641
53	61	89 345	4 615,410	54 757,005	11,864	11,396
54	62	88 402	4 318,394	50 141,594	11,611	11,144
55	63	87 375	4 036,149	45 823,200	11,353	10,886
56	64	86 266	3 768,247	41 787,051	11,089	10,622
57	65	85 053	3 513,225	38 018,804	10,822	10,354
58	66	83 735	3 270,731	34 505,579	10,550	10,082
59	67	82 303	3 039,994	31 234,849	10,275	9,807
60	68	80 751	2 820,496	28 194,854	9,996	9,529
61	69	79 124	2 613,384	25 374,358	9,709	9,242
62	70	77 380	2 416,824	22 760,974	9,418	8,950
63	71	75 510	2 230,192	20 344,150	9,122	8,655
64	72	73 526	2 053,499	18 113,958	8,821	8,353
65	73	71 432	1 886,538	16 060,459	8,513	8,046
66	74	69 245	1 729,350	14 173,921	8,196	7,729
67	75	66 948	1 581,068	12 444,571	7,871	7,403
68	76	64 492	1 440,261	10 863,503	7,543	7,075
69	77	61 905	1 307,306	9 423,241	7,208	6,741
70	78	59 145	1 181,110	8 115,935	6,871	6,404
71	79	56 195	1 061,184	6 934,825	6,535	6,067
72	80	53 019	946,775	5 873,641	6,204	5,736
73	81	49 650	838,398	4 926,866	5,877	5,409
74	82	46 119	736,433	4 088,468	5,552	5,084
75	83	42 443	640,885	3 352,035	5,230	4,763
76	84	38 617	551,411	2 711,150	4,917	4,449
77	85	34 666	468,070	2 159,739	4,614	4,147
78	86	30 669	391,589	1 691,670	4,320	3,852
79	87	26 650	321,774	1 300,081	4,040	3,573
80	88	22 701	259,191	978,307	3,774	3,307
81	89	18 917	204,244	719,116	3,521	3,053
82	90	15 347	156,685	514,872	3,286	2,818
83	91	12 099	116,807	358,187	3,066	2,599
84	92	9 220	84,173	241,380	2,868	2,400
85	93	6 777	58,503	157,207	2,687	2,220
86	94	4 783	39,045	98,703	2,528	2,060
87	95	3 219	24,850	59,658	2,401	1,933
88	96	2 096	15,300	34,809	2,275	1,808
89	97	1 305	9,010	19,509	2,165	1,698
90	98	790	5,159	10,499	2,035	1,568
91	99	451	2,783	5,340	1,919	1,451
92	100	241	1,405	2,557	1,820	1,352

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 772 185,873	17,791	17,323
1	10	99 253	93 856,226	1 672 573,205	17,821	17,353
2	11	99 220	88 723,498	1 578 716,979	17,794	17,326
3	12	99 197	83 879,955	1 489 993,481	17,763	17,296
4	13	99 177	79 302,620	1 406 113,526	17,731	17,263
5	14	99 157	74 975,532	1 326 810,906	17,697	17,229
6	15	99 137	70 884,728	1 251 835,374	17,660	17,193
7	16	99 114	67 015,140	1 180 950,645	17,622	17,155
8	17	99 092	63 357,014	1 113 935,506	17,582	17,114
9	18	99 069	59 898,417	1 050 578,492	17,539	17,072
10	19	99 041	56 625,441	990 680,075	17,495	17,028
11	20	99 014	53 532,063	934 054,634	17,449	16,981
12	21	98 987	50 607,443	880 522,570	17,399	16,931
13	22	98 963	47 844,066	829 915,127	17,346	16,879
14	23	98 936	45 230,461	782 071,061	17,291	16,823
15	24	98 903	42 756,676	736 840,600	17,233	16,766
16	25	98 871	40 418,913	694 083,924	17,172	16,705
17	26	98 827	38 204,225	653 665,011	17,110	16,642
18	27	98 779	36 109,307	615 460,786	17,044	16,577
19	28	98 720	34 125,371	579 351,480	16,977	16,510
20	29	98 654	32 248,335	545 226,109	16,907	16,440
21	30	98 584	30 473,247	512 977,773	16,834	16,366
22	31	98 511	28 794,869	482 504,527	16,757	16,289
23	32	98 435	27 208,223	453 709,657	16,675	16,208
24	33	98 355	25 708,076	426 501,435	16,590	16,123
25	34	98 273	24 289,834	400 793,359	16,500	16,033
26	35	98 187	22 949,080	376 503,525	16,406	15,938
27	36	98 101	21 682,245	353 554,445	16,306	15,839
28	37	98 003	20 482,877	331 872,201	16,202	15,735
29	38	97 908	19 350,265	311 389,324	16,092	15,625
30	39	97 795	18 276,935	292 039,059	15,979	15,511
31	40	97 680	17 262,907	273 762,124	15,858	15,391
32	41	97 546	16 301,953	256 499,218	15,734	15,267
33	42	97 404	15 393,008	240 197,264	15,604	15,137
34	43	97 254	14 533,630	224 804,256	15,468	15,000
35	44	97 088	13 719,960	210 270,626	15,326	14,858
36	45	96 903	12 949,218	196 550,666	15,179	14,711
37	46	96 709	12 220,654	183 601,449	15,024	14,556
38	47	96 496	11 530,687	171 380,794	14,863	14,395
39	48	96 257	10 876,665	159 850,107	14,697	14,229
40	49	95 998	10 257,603	148 973,442	14,523	14,056
41	50	95 703	9 670,122	138 715,840	14,345	13,877
42	51	95 388	9 114,215	129 045,717	14,159	13,691
43	52	95 036	8 586,793	119 931,502	13,967	13,499
44	53	94 647	8 086,697	111 344,709	13,769	13,301
45	54	94 219	7 612,402	103 258,011	13,564	13,097
46	55	93 743	7 162,152	95 645,610	13,354	12,887
47	56	93 229	6 735,532	88 483,458	13,137	12,669
48	57	92 660	6 330,473	81 747,925	12,913	12,446
49	58	92 033	5 945,760	75 417,453	12,684	12,217
50	59	91 339	5 580,055	69 471,693	12,450	11,982
51	60	90 578	5 232,689	63 891,638	12,210	11,743
52	61	89 742	4 902,492	58 658,949	11,965	11,498
53	62	88 845	4 589,587	53 756,458	11,713	11,245
54	63	87 865	4 292,153	49 166,871	11,455	10,987
55	64	86 800	4 009,573	44 874,718	11,192	10,724
56	65	85 637	3 740,786	40 865,145	10,924	10,457
57	66	84 371	3 485,076	37 124,359	10,652	10,185
58	67	83 003	3 242,159	33 639,282	10,376	9,908
59	68	81 505	3 010,523	30 397,123	10,097	9,629
60	69	79 926	2 791,685	27 386,599	9,810	9,342
61	70	78 240	2 584,187	24 594,914	9,517	9,050
62	71	76 437	2 387,379	22 010,727	9,220	8,752
63	72	74 499	2 200,329	19 623,348	8,918	8,451
64	73	72 466	2 023,909	17 423,019	8,609	8,141
65	74	70 326	1 857,329	15 399,110	8,291	7,823
66	75	68 060	1 699,764	13 541,781	7,967	7,499
67	76	65 671	1 550,921	11 842,017	7,635	7,168
68	77	63 085	1 408,826	10 291,096	7,305	6,837
69	78	60 391	1 275,340	8 882,270	6,965	6,497
70	79	57 483	1 147,920	7 606,930	6,627	6,159
71	80	54 345	1 026,246	6 459,009	6,294	5,826
72	81	50 983	910,412	5 432,763	5,967	5,500
73	82	47 462	801,456	4 522,351	5,643	5,175
74	83	43 797	699,359	3 720,896	5,320	4,853
75	84	39 978	603,661	3 021,536	5,005	4,538
76	85	36 022	514,345	2 417,875	4,701	4,233
77	86	31 989	431,925	1 903,530	4,407	3,940
78	87	27 942	356,774	1 471,606	4,125	3,657
79	88	23 953	289,214	1 114,832	3,855	3,387
80	89	20 095	229,429	825,618	3,599	3,131
81	90	16 441	177,505	596,189	3,359	2,891
82	91	13 076	133,506	418,684	3,136	2,668
83	92	10 074	97,261	285,178	2,932	2,465
84	93	7 491	68,386	187,917	2,748	2,280
85	94	5 359	46,264	119,532	2,584	2,116
86	95	3 658	29,863	73,267	2,453	1,986
87	96	2 417	18,661	43,404	2,326	1,858
88	97	1 531	11,177	24,743	2,214	1,746
89	98	944	6,514	13,566	2,083	1,615
90	99	549	3,587	7,053	1,966	1,499
91	100	302	1,863	3,466	1,860	1,393

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 770 418,225	17,774	17,307
1	11	99 247	93 850,665	1 670 812,003	17,803	17,335
2	12	99 213	88 716,890	1 576 961,339	17,775	17,308
3	13	99 189	83 873,319	1 488 244,449	17,744	17,276
4	14	99 168	79 295,822	1 404 371,130	17,711	17,243
5	15	99 146	74 967,665	1 325 075,307	17,675	17,208
6	16	99 124	70 875,860	1 250 107,643	17,638	17,170
7	17	99 100	67 005,684	1 179 231,782	17,599	17,131
8	18	99 077	63 347,737	1 112 226,099	17,557	17,090
9	19	99 049	59 886,220	1 048 878,362	17,515	17,047
10	20	99 022	56 614,511	988 992,142	17,469	17,001
11	21	98 996	53 522,151	932 377,631	17,420	16,953
12	22	98 971	50 599,065	878 855,480	17,369	16,901
13	23	98 946	47 835,787	828 256,415	17,315	16,847
14	24	98 915	45 220,646	780 420,629	17,258	16,790
15	25	98 886	42 749,426	735 199,982	17,198	16,730
16	26	98 853	40 411,376	692 450,556	17,135	16,667
17	27	98 808	38 196,791	652 039,180	17,071	16,603
18	28	98 758	36 101,419	613 842,389	17,003	16,536
19	29	98 695	34 116,860	577 740,969	16,934	16,467
20	30	98 628	32 239,990	543 624,109	16,862	16,394
21	31	98 555	30 464,198	511 384,119	16,786	16,319
22	32	98 479	28 785,678	480 919,921	16,707	16,239
23	33	98 401	27 198,780	452 134,243	16,623	16,156
24	34	98 320	25 698,922	424 935,463	16,535	16,068
25	35	98 235	24 280,334	399 236,540	16,443	15,975
26	36	98 148	22 939,843	374 956,206	16,345	15,878
27	37	98 055	21 672,079	352 016,363	16,243	15,775
28	38	97 958	20 473,450	330 344,284	16,135	15,668
29	39	97 851	19 338,932	309 870,834	16,023	15,556
30	40	97 736	18 266,047	290 531,902	15,906	15,438
31	41	97 614	17 251,190	272 265,855	15,782	15,315
32	42	97 472	16 289,517	255 014,664	15,655	15,188
33	43	97 323	15 380,235	238 725,147	15,522	15,054
34	44	97 166	14 520,551	223 344,912	15,381	14,914
35	45	96 989	13 705,965	208 824,362	15,236	14,768
36	46	96 795	12 934,819	195 118,397	15,085	14,617
37	47	96 587	12 205,137	182 183,578	14,927	14,459
38	48	96 358	11 514,157	169 978,440	14,763	14,295
39	49	96 103	10 859,267	158 464,283	14,593	14,125
40	50	95 824	10 239,022	147 605,017	14,416	13,948
41	51	95 515	9 651,066	137 365,995	14,233	13,766
42	52	95 178	9 094,084	127 714,929	14,044	13,576
43	53	94 802	8 565,710	118 620,845	13,848	13,381
44	54	94 389	8 064,595	110 055,135	13,647	13,179
45	55	93 935	7 589,491	101 990,540	13,438	12,971
46	56	93 433	7 138,421	94 401,049	13,224	12,757
47	57	92 891	6 711,157	87 262,627	13,003	12,535
48	58	92 290	6 305,200	80 551,470	12,775	12,308
49	59	91 628	5 919,536	74 246,271	12,543	12,075
50	60	90 898	5 553,103	68 326,735	12,304	11,837
51	61	90 090	5 204,479	62 773,632	12,061	11,594
52	62	89 240	4 875,062	57 569,153	11,809	11,341
53	63	88 305	4 561,697	52 694,091	11,551	11,084
54	64	87 286	4 263,891	48 132,394	11,288	10,821
55	65	86 167	3 980,354	43 868,502	11,021	10,554
56	66	84 951	3 710,815	39 888,148	10,749	10,282
57	67	83 634	3 454,633	36 177,333	10,472	10,005
58	68	82 199	3 210,729	32 722,701	10,192	9,724
59	69	80 672	2 979,772	29 511,972	9,904	9,437
60	70	79 033	2 760,496	26 532,200	9,611	9,144
61	71	77 286	2 552,703	23 771,704	9,312	8,845
62	72	75 414	2 355,411	21 219,002	9,009	8,541
63	73	73 426	2 168,623	18 863,591	8,698	8,231
64	74	71 344	1 992,573	16 694,967	8,379	7,911
65	75	69 122	1 825,553	14 702,394	8,054	7,586
66	76	66 762	1 667,353	12 876,841	7,723	7,255
67	77	64 238	1 517,071	11 209,487	7,389	6,921
68	78	61 542	1 374,378	9 692,416	7,052	6,585
69	79	58 694	1 239,503	8 318,039	6,711	6,243
70	80	55 590	1 110,127	7 078,536	6,376	5,909
71	81	52 258	986,830	5 968,409	6,048	5,580
72	82	48 737	870,297	4 981,579	5,724	5,256
73	83	45 073	761,109	4 111,282	5,402	4,934
74	84	41 254	658,739	3 350,173	5,086	4,618
75	85	37 291	563,082	2 691,433	4,780	4,312
76	86	33 240	474,626	2 128,351	4,484	4,017
77	87	29 145	393,523	1 653,725	4,202	3,735
78	88	25 115	320,672	1 260,201	3,930	3,462
79	89	21 203	256,005	939,529	3,670	3,202
80	90	17 464	199,393	683,525	3,428	2,960
81	91	14 009	151,245	484,132	3,201	2,733
82	92	10 888	111,166	332,887	2,995	2,527
83	93	8 185	79,019	221,721	2,806	2,338
84	94	5 924	54,080	142,702	2,639	2,171
85	95	4 099	35,384	88,623	2,505	2,037
86	96	2 747	22,426	53,238	2,374	1,906
87	97	1 766	13,632	30,813	2,260	1,793
88	98	1 107	8,080	17,180	2,126	1,659
89	99	656	4,529	9,100	2,009	1,542
90	100	368	2,401	4,571	1,904	1,436

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 768 523,019	17,756	17,289
1	12	99 240	93 843,674	1 668 922,699	17,784	17,316
2	13	99 205	88 709,871	1 575 079,025	17,755	17,288
3	14	99 181	83 866,130	1 486 369,154	17,723	17,256
4	15	99 158	79 287,501	1 402 503,025	17,689	17,221
5	16	99 134	74 958,286	1 323 215,523	17,653	17,185
6	17	99 110	70 865,860	1 248 257,237	17,614	17,147
7	18	99 086	66 995,873	1 177 391,378	17,574	17,107
8	19	99 057	63 334,837	1 110 395,505	17,532	17,065
9	20	99 030	59 874,660	1 047 060,668	17,488	17,020
10	21	99 004	56 604,028	987 186,008	17,440	16,973
11	22	98 980	53 513,290	930 581,980	17,390	16,922
12	23	98 954	50 590,309	877 068,690	17,337	16,869
13	24	98 924	47 825,407	826 478,382	17,281	16,814
14	25	98 898	45 212,978	778 652,974	17,222	16,754
15	26	98 868	42 741,455	733 439,996	17,160	16,692
16	27	98 834	40 403,513	690 698,541	17,095	16,627
17	28	98 787	38 188,448	650 295,028	17,029	16,561
18	29	98 733	36 092,416	612 106,580	16,959	16,492
19	30	98 670	34 108,032	576 014,164	16,888	16,420
20	31	98 599	32 230,417	541 906,132	16,814	16,346
21	32	98 523	30 454,474	509 675,715	16,736	16,268
22	33	98 445	28 775,688	479 221,241	16,654	16,186
23	34	98 366	27 189,096	450 445,553	16,567	16,100
24	35	98 282	25 688,871	423 256,457	16,476	16,009
25	36	98 195	24 270,561	397 567,586	16,381	15,913
26	37	98 102	22 929,088	373 297,024	16,281	15,813
27	38	98 010	21 662,105	350 367,937	16,174	15,707
28	39	97 901	20 461,460	328 705,832	16,065	15,597
29	40	97 792	19 327,412	308 244,372	15,949	15,481
30	41	97 670	18 253,650	288 916,960	15,828	15,360
31	42	97 539	17 238,030	270 663,310	15,702	15,234
32	43	97 391	16 276,000	253 425,280	15,570	15,103
33	44	97 235	15 366,394	237 149,280	15,433	14,965
34	45	97 067	14 505,739	221 782,886	15,289	14,822
35	46	96 881	13 690,725	207 277,147	15,140	14,672
36	47	96 672	12 918,395	193 586,422	14,985	14,518
37	48	96 448	12 187,641	180 668,027	14,824	14,356
38	49	96 204	11 495,739	168 480,387	14,656	14,188
39	50	95 929	10 839,596	156 984,647	14,483	14,015
40	51	95 635	10 218,844	146 145,051	14,302	13,834
41	52	95 304	9 629,749	135 926,207	14,115	13,648
42	53	94 944	9 071,755	126 296,459	13,922	13,454
43	54	94 543	8 542,299	117 224,703	13,723	13,255
44	55	94 104	8 040,324	108 682,404	13,517	13,050
45	56	93 624	7 564,344	100 642,081	13,305	12,837
46	57	93 095	7 112,588	93 077,737	13,086	12,619
47	58	92 520	6 684,364	85 965,149	12,861	12,393
48	59	91 883	6 277,390	79 280,784	12,630	12,162
49	60	91 185	5 890,944	73 003,394	12,392	11,925
50	61	90 408	5 523,166	67 112,450	12,151	11,684
51	62	89 586	5 175,360	61 589,284	11,900	11,433
52	63	88 698	4 845,438	56 413,924	11,643	11,175
53	64	87 724	4 531,661	51 568,486	11,380	10,912
54	65	86 650	4 232,819	47 036,825	11,112	10,645
55	66	85 477	3 948,463	42 804,006	10,841	10,373
56	67	84 209	3 678,399	38 855,543	10,563	10,096
57	68	82 823	3 421,142	35 177,144	10,282	9,815
58	69	81 359	3 177,932	31 756,002	9,993	9,525
59	70	79 771	2 946,481	28 578,070	9,699	9,231
60	71	78 070	2 726,864	25 631,589	9,400	8,932
61	72	76 252	2 518,521	22 904,726	9,095	8,627
62	73	74 327	2 321,471	20 386,205	8,782	8,314
63	74	72 289	2 135,047	18 064,734	8,461	7,993
64	75	70 124	1 958,484	15 929,686	8,134	7,666
65	76	67 804	1 790,744	13 971,203	7,802	7,334
66	77	65 305	1 630,962	12 180,458	7,468	7,001
67	78	62 667	1 479,976	10 549,497	7,128	6,661
68	79	59 813	1 335,757	9 069,521	6,790	6,322
69	80	56 762	1 198,694	7 733,764	6,452	5,984
70	81	53 455	1 067,489	6 535,070	6,122	5,654
71	82	49 955	943,348	5 467,580	5,796	5,328
72	83	46 283	826,485	4 524,232	5,474	5,006
73	84	42 455	716,903	3 697,748	5,158	4,690
74	85	38 480	614,458	2 980,845	4,851	4,384
75	86	34 411	519,600	2 366,387	4,554	4,087
76	87	30 285	432,428	1 846,786	4,271	3,803
77	88	26 196	353,703	1 414,358	3,999	3,531
78	89	22 231	283,851	1 060,655	3,737	3,269
79	90	18 427	222,489	776,805	3,491	3,024
80	91	14 880	169,895	554,316	3,263	2,795
81	92	11 664	125,937	384,420	3,052	2,585
82	93	8 846	90,316	258,484	2,862	2,394
83	94	6 472	62,488	168,168	2,691	2,224
84	95	4 531	41,362	105,680	2,555	2,087
85	96	3 078	26,572	64,318	2,421	1,953
86	97	2 007	16,383	37,746	2,304	1,836
87	98	1 277	9,855	21,364	2,168	1,700
88	99	770	5,618	11,508	2,048	1,581
89	100	439	3,032	5,890	1,943	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 766 492,303	17,737	17,270
1	13	99 232	93 836,250	1 666 899,402	17,764	17,296
2	14	99 196	88 702,267	1 573 063,152	17,734	17,267
3	15	99 170	83 857,329	1 484 360,885	17,701	17,233
4	16	99 145	79 277,582	1 400 503,556	17,666	17,198
5	17	99 120	74 947,709	1 321 225,974	17,629	17,161
6	18	99 096	70 855,484	1 246 278,265	17,589	17,121
7	19	99 065	66 982,230	1 175 422,781	17,548	17,081
8	20	99 038	63 322,612	1 108 440,552	17,505	17,037
9	21	99 012	59 863,573	1 045 117,940	17,458	16,991
10	22	98 987	56 594,657	985 254,367	17,409	16,941
11	23	98 962	53 504,030	928 659,710	17,357	16,889
12	24	98 932	50 579,331	875 155,680	17,303	16,835
13	25	98 908	47 817,297	824 576,349	17,244	16,777
14	26	98 880	45 204,548	776 759,052	17,183	16,716
15	27	98 849	42 733,138	731 554,504	17,119	16,652
16	28	98 812	40 394,688	688 821,365	17,052	16,585
17	29	98 762	38 178,924	648 426,677	16,984	16,516
18	30	98 708	36 083,076	610 247,753	16,912	16,445
19	31	98 640	34 097,904	574 164,677	16,839	16,371
20	32	98 568	32 220,129	540 066,773	16,762	16,294
21	33	98 489	30 443,905	507 846,644	16,681	16,214
22	34	98 410	28 765,443	477 402,739	16,596	16,129
23	35	98 327	27 178,462	448 637,297	16,507	16,040
24	36	98 242	25 678,532	421 458,835	16,413	15,945
25	37	98 149	24 259,182	395 780,303	16,315	15,847
26	38	98 057	22 918,535	371 521,121	16,211	15,743
27	39	97 953	21 649,418	348 602,585	16,102	15,635
28	40	97 843	20 449,271	326 953,167	15,988	15,521
29	41	97 726	19 314,294	306 503,896	15,869	15,402
30	42	97 595	18 239,725	287 189,602	15,745	15,278
31	43	97 458	17 223,726	268 949,877	15,615	15,148
32	44	97 304	16 261,353	251 726,151	15,480	15,012
33	45	97 136	15 350,719	235 464,798	15,339	14,871
34	46	96 959	14 489,609	220 114,079	15,191	14,724
35	47	96 758	13 673,341	205 624,470	15,038	14,571
36	48	96 534	12 899,876	191 951,128	14,880	14,412
37	49	96 294	12 168,146	179 051,252	14,715	14,247
38	50	96 029	11 474,915	166 883,107	14,543	14,076
39	51	95 739	10 818,235	155 408,191	14,365	13,898
40	52	95 424	10 196,273	144 589,957	14,181	13,713
41	53	95 070	9 606,105	134 393,684	13,990	13,523
42	54	94 684	9 046,961	124 787,579	13,793	13,326
43	55	94 259	8 516,589	115 740,618	13,590	13,122
44	56	93 793	8 013,683	107 224,028	13,380	12,913
45	57	93 285	7 536,970	99 210,345	13,163	12,696
46	58	92 723	7 084,193	91 673,376	12,941	12,473
47	59	92 112	6 654,882	84 589,183	12,711	12,243
48	60	91 440	6 247,070	77 934,301	12,475	12,008
49	61	90 693	5 859,186	71 687,230	12,235	11,767
50	62	89 902	5 492,263	65 828,044	11,986	11,518
51	63	89 042	5 143,911	60 335,781	11,730	11,262
52	64	88 114	4 813,533	55 191,870	11,466	10,998
53	65	87 085	4 498,638	50 378,337	11,199	10,731
54	66	85 956	4 198,905	45 879,699	10,927	10,459
55	67	84 730	3 913,971	41 680,794	10,649	10,182
56	68	83 393	3 642,739	37 766,823	10,368	9,900
57	69	81 977	3 386,196	34 124,084	10,077	9,610
58	70	80 450	3 142,427	30 737,888	9,782	9,314
59	71	78 799	2 910,582	27 595,460	9,481	9,014
60	72	77 025	2 690,350	24 684,878	9,175	8,708
61	73	75 153	2 482,231	21 994,528	8,861	8,393
62	74	73 176	2 285,528	19 512,297	8,537	8,070
63	75	71 052	2 098,520	17 226,769	8,209	7,741
64	76	68 786	1 921,140	15 128,249	7,875	7,407
65	77	66 325	1 751,660	13 207,109	7,540	7,072
66	78	63 708	1 591,082	11 455,449	7,200	6,732
67	79	60 906	1 438,388	9 864,368	6,858	6,390
68	80	57 843	1 291,780	8 425,980	6,523	6,055
69	81	54 581	1 152,655	7 134,200	6,189	5,722
70	82	51 100	1 020,453	5 981,545	5,862	5,394
71	83	47 440	895,858	4 961,092	5,538	5,070
72	84	43 595	778,481	4 065,234	5,222	4,754
73	85	39 601	668,712	3 286,753	4,915	4,447
74	86	35 509	567,009	2 618,041	4,617	4,150
75	87	31 352	473,404	2 051,032	4,333	3,865
76	88	27 220	388,671	1 577,628	4,059	3,591
77	89	23 188	313,089	1 188,957	3,798	3,330
78	90	19 321	246,690	875,869	3,550	3,083
79	91	15 701	189,575	629,179	3,319	2,851
80	92	12 390	141,466	439,605	3,107	2,640
81	93	9 477	102,316	298,139	2,914	2,446
82	94	6 996	71,422	195,823	2,742	2,274
83	95	4 950	47,793	124,401	2,603	2,135
84	96	3 402	31,061	76,608	2,466	1,999
85	97	2 248	19,412	45,547	2,346	1,879
86	98	1 451	11,844	26,136	2,207	1,739
87	99	888	6,852	14,292	2,086	1,618
88	100	515	3,761	7,440	1,978	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 764 319,934	17,717	17,249
1	14	99 223	93 828,206	1 664 734,913	17,742	17,275
2	15	99 186	88 692,959	1 570 906,706	17,712	17,244
3	16	99 158	83 846,838	1 482 213,748	17,678	17,210
4	17	99 131	79 266,396	1 398 366,909	17,641	17,174
5	18	99 105	74 936,736	1 319 100,513	17,603	17,135
6	19	99 076	70 841,054	1 244 163,778	17,563	17,095
7	20	99 046	66 969,300	1 173 322,723	17,520	17,053
8	21	99 020	63 310,886	1 106 353,423	17,475	17,007
9	22	98 995	59 853,662	1 043 042,537	17,427	16,959
10	23	98 970	56 584,863	983 188,874	17,375	16,908
11	24	98 941	53 492,420	926 604,011	17,322	16,855
12	25	98 915	50 570,755	873 111,591	17,265	16,798
13	26	98 889	47 808,381	822 540,836	17,205	16,737
14	27	98 861	45 195,752	774 732,455	17,142	16,674
15	28	98 827	42 723,804	729 536,703	17,076	16,608
16	29	98 787	40 384,614	686 812,898	17,007	16,539
17	30	98 736	38 169,044	646 428,284	16,936	16,468
18	31	98 678	36 072,362	608 259,240	16,862	16,395
19	32	98 609	34 087,020	572 186,879	16,786	16,318
20	33	98 534	32 208,947	538 099,859	16,707	16,239
21	34	98 454	30 433,065	505 890,912	16,623	16,155
22	35	98 372	28 754,192	475 457,846	16,535	16,068
23	36	98 288	27 167,523	446 703,654	16,443	15,975
24	37	98 196	25 666,493	419 536,131	16,346	15,878
25	38	98 104	24 248,018	393 869,638	16,243	15,776
26	39	97 999	22 905,113	369 621,621	16,137	15,670
27	40	97 894	21 636,522	346 716,508	16,025	15,557
28	41	97 776	20 435,392	325 079,986	15,908	15,440
29	42	97 651	19 299,560	304 644,594	15,785	15,317
30	43	97 514	18 224,590	285 345,034	15,657	15,190
31	44	97 371	17 208,226	267 120,445	15,523	15,055
32	45	97 204	16 244,765	249 912,219	15,384	14,917
33	46	97 028	15 333,650	233 667,454	15,239	14,771
34	47	96 836	14 471,212	218 333,804	15,087	14,620
35	48	96 619	13 653,740	203 862,592	14,931	14,463
36	49	96 379	12 879,242	190 208,852	14,769	14,301
37	50	96 119	12 146,104	177 329,611	14,600	14,132
38	51	95 840	11 452,302	165 183,507	14,424	13,956
39	52	95 528	10 794,339	153 731,205	14,242	13,774
40	53	95 189	10 171,238	142 936,865	14,053	13,585
41	54	94 810	9 579,850	132 765,627	13,859	13,391
42	55	94 399	9 019,733	123 185,777	13,657	13,190
43	56	93 946	8 488,371	114 166,044	13,450	12,982
44	57	93 453	7 984,682	105 677,674	13,235	12,767
45	58	92 913	7 506,880	97 692,991	13,014	12,546
46	59	92 314	7 052,947	90 186,111	12,787	12,319
47	60	91 667	6 622,739	83 133,164	12,553	12,085
48	61	90 947	6 213,392	76 510,425	12,314	11,846
49	62	90 186	5 826,403	70 297,032	12,065	11,598
50	63	89 356	5 458,889	64 470,629	11,810	11,343
51	64	88 455	5 110,041	59 011,740	11,548	11,081
52	65	87 472	4 778,455	53 901,699	11,280	10,813
53	66	86 387	4 462,594	49 123,243	11,008	10,540
54	67	85 205	4 162,226	44 660,650	10,730	10,262
55	68	83 909	3 876,028	40 498,424	10,448	9,981
56	69	82 541	3 605,529	36 622,396	10,157	9,690
57	70	81 061	3 348,365	33 016,867	9,861	9,393
58	71	79 470	3 104,141	29 668,502	9,558	9,090
59	72	77 744	2 871,609	26 564,361	9,251	8,783
60	73	75 915	2 651,584	23 692,752	8,935	8,468
61	74	73 989	2 443,799	21 041,168	8,610	8,142
62	75	71 924	2 246,427	18 597,369	8,279	7,811
63	76	69 697	2 058,506	16 350,942	7,943	7,476
64	77	67 285	1 879,209	14 292,436	7,606	7,138
65	78	64 703	1 708,828	12 413,227	7,264	6,797
66	79	61 918	1 546,372	10 704,399	6,922	6,455
67	80	58 901	1 391,031	9 158,027	6,584	6,116
68	81	55 622	1 242,165	7 766,996	6,253	5,785
69	82	52 176	1 101,866	6 524,831	5,922	5,454
70	83	48 527	969,082	5 422,964	5,596	5,128
71	84	44 685	843,825	4 453,883	5,278	4,811
72	85	40 664	726,151	3 610,057	4,971	4,504
73	86	36 543	617,073	2 883,907	4,674	4,206
74	87	32 352	516,598	2 266,834	4,388	3,920
75	88	28 179	425,500	1 750,236	4,113	3,646
76	89	24 095	344,042	1 324,736	3,851	3,383
77	90	20 152	272,100	980,694	3,604	3,137
78	91	16 462	210,195	708,595	3,371	2,904
79	92	13 074	157,852	498,400	3,157	2,690
80	93	10 066	114,933	340,548	2,963	2,495
81	94	7 494	80,912	225,615	2,788	2,321
82	95	5 350	54,625	144,703	2,649	2,181
83	96	3 718	35,891	90,078	2,510	2,042
84	97	2 485	22,691	54,187	2,388	1,921
85	98	1 626	14,033	31,496	2,244	1,777
86	99	1 009	8,235	17,463	2,121	1,653
87	100	594	4,587	9,228	2,012	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 761 998,371	17,695	17,227
1	15	99 213	93 818,360	1 662 421,885	17,720	17,252
2	16	99 173	88 681,863	1 568 603,525	17,688	17,220
3	17	99 144	83 835,007	1 479 921,662	17,653	17,185
4	18	99 117	79 254,790	1 396 086,655	17,615	17,148
5	19	99 085	74 921,475	1 316 831,865	17,576	17,109
6	20	99 057	70 827,380	1 241 910,390	17,534	17,067
7	21	99 028	66 956,900	1 171 083,009	17,490	17,023
8	22	99 003	63 300,405	1 104 126,109	17,443	16,975
9	23	98 978	59 843,305	1 040 825,705	17,393	16,925
10	24	98 949	56 572,585	980 982,400	17,340	16,873
11	25	98 924	53 483,349	924 409,815	17,284	16,816
12	26	98 897	50 561,325	870 926,465	17,225	16,758
13	27	98 870	47 799,079	820 365,140	17,163	16,695
14	28	98 839	45 185,880	772 566,061	17,098	16,630
15	29	98 802	42 713,149	727 380,181	17,029	16,562
16	30	98 762	40 374,163	684 667,031	16,958	16,490
17	31	98 707	38 157,711	644 292,868	16,885	16,417
18	32	98 647	36 060,847	606 135,158	16,809	16,341
19	33	98 575	34 075,190	570 074,310	16,730	16,262
20	34	98 498	32 197,479	535 999,120	16,647	16,180
21	35	98 416	30 421,163	503 801,641	16,561	16,093
22	36	98 332	28 742,619	473 380,478	16,470	16,002
23	37	98 242	27 154,786	444 637,859	16,374	15,907
24	38	98 151	25 654,680	417 483,074	16,273	15,806
25	39	98 046	24 233,817	391 828,393	16,169	15,701
26	40	97 941	22 891,468	367 594,577	16,058	15,591
27	41	97 828	21 621,837	344 703,109	15,942	15,475
28	42	97 702	20 419,803	323 081,272	15,822	15,354
29	43	97 570	19 283,545	302 661,469	15,695	15,228
30	44	97 427	18 208,189	283 377,924	15,563	15,096
31	45	97 271	17 190,673	265 169,735	15,425	14,958
32	46	97 096	16 226,702	247 979,063	15,282	14,815
33	47	96 905	15 314,180	231 752,361	15,133	14,666
34	48	96 697	14 450,466	216 438,180	14,978	14,510
35	49	96 465	13 631,900	201 987,714	14,817	14,350
36	50	96 205	12 855,912	188 355,814	14,651	14,184
37	51	95 930	12 122,168	175 499,903	14,478	14,010
38	52	95 628	11 427,007	163 377,735	14,298	13,830
39	53	95 293	10 767,836	151 950,728	14,112	13,644
40	54	94 929	10 143,439	141 182,892	13,919	13,451
41	55	94 525	9 551,018	131 039,454	13,720	13,252
42	56	94 087	8 989,847	121 488,435	13,514	13,046
43	57	93 606	8 457,652	112 498,588	13,301	12,834
44	58	93 080	7 952,805	104 040,936	13,082	12,615
45	59	92 503	7 473,770	96 088,131	12,857	12,389
46	60	91 868	7 018,882	88 614,361	12,625	12,158
47	61	91 173	6 587,036	81 595,479	12,387	11,920
48	62	90 438	6 178,628	75 008,443	12,140	11,672
49	63	89 638	5 790,998	68 829,815	11,886	11,418
50	64	88 768	5 422,945	63 038,817	11,624	11,157
51	65	87 811	5 072,803	57 615,871	11,358	10,890
52	66	86 771	4 740,170	52 543,069	11,085	10,617
53	67	85 632	4 423,611	47 802,899	10,806	10,339
54	68	84 379	4 121,875	43 379,288	10,524	10,057
55	69	83 052	3 836,435	39 257,413	10,233	9,765
56	70	81 619	3 565,248	35 420,978	9,935	9,467
57	71	80 074	3 307,570	31 855,730	9,631	9,164
58	72	78 406	3 062,576	28 548,160	9,322	8,854
59	73	76 624	2 830,231	25 485,584	9,005	8,537
60	74	74 740	2 610,530	22 655,353	8,678	8,211
61	75	72 723	2 401,990	20 044,823	8,345	7,878
62	76	70 553	2 203,593	17 642,834	8,006	7,539
63	77	68 176	2 013,577	15 439,241	7,668	7,200
64	78	65 640	1 833,259	13 425,664	7,323	6,856
65	79	62 885	1 660,810	11 592,405	6,980	6,512
66	80	59 880	1 495,460	9 931,595	6,641	6,174
67	81	56 639	1 337,605	8 436,135	6,307	5,839
68	82	53 171	1 187,432	7 098,531	5,978	5,510
69	83	49 550	1 046,396	5 911,098	5,649	5,181
70	84	45 709	912,796	4 864,702	5,329	4,862
71	85	41 681	787,102	3 951,906	5,021	4,553
72	86	37 524	670,076	3 164,804	4,723	4,255
73	87	33 294	562,210	2 494,728	4,437	3,970
74	88	29 078	464,323	1 932,517	4,162	3,694
75	89	24 943	376,642	1 468,194	3,898	3,431
76	90	20 940	299,000	1 091,552	3,651	3,183
77	91	17 171	231,846	792,552	3,418	2,951
78	92	13 708	175,022	560,706	3,204	2,736
79	93	10 622	128,246	385,683	3,007	2,540
80	94	7 961	90,889	257,438	2,832	2,365
81	95	5 732	61,884	166,549	2,691	2,224
82	96	4 018	41,022	104,665	2,551	2,084
83	97	2 716	26,219	63,644	2,427	1,960
84	98	1 797	16,404	37,425	2,281	1,814
85	99	1 130	9,757	21,021	2,154	1,687
86	100	675	5,513	11,264	2,043	1,576

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 759 519,897	17,672	17,204
1	16	99 201	93 806,623	1 659 953,861	17,695	17,228
2	17	99 159	88 669,350	1 566 147,238	17,663	17,195
3	18	99 130	83 822,732	1 477 477,888	17,626	17,159
4	19	99 097	79 238,650	1 393 655,156	17,588	17,120
5	20	99 066	74 907,014	1 314 416,505	17,547	17,080
6	21	99 038	70 814,265	1 239 509,492	17,504	17,036
7	22	99 012	66 945,815	1 168 695,226	17,457	16,990
8	23	98 986	63 289,451	1 101 749,412	17,408	16,941
9	24	98 957	59 830,320	1 038 459,961	17,357	16,889
10	25	98 932	56 562,992	978 629,641	17,302	16,834
11	26	98 906	53 473,377	922 066,649	17,243	16,776
12	27	98 878	50 551,487	868 593,272	17,182	16,715
13	28	98 848	47 788,639	818 041,785	17,118	16,650
14	29	98 814	45 174,611	770 253,146	17,051	16,583
15	30	98 777	42 702,096	725 078,535	16,980	16,512
16	31	98 733	40 362,175	682 376,439	16,906	16,439
17	32	98 676	38 145,531	642 014,265	16,831	16,363
18	33	98 612	36 048,333	603 868,734	16,752	16,284
19	34	98 540	34 063,058	567 820,401	16,670	16,202
20	35	98 460	32 184,886	533 757,343	16,584	16,117
21	36	98 376	30 408,919	501 572,457	16,494	16,027
22	37	98 286	28 729,143	471 163,539	16,400	15,933
23	38	98 196	27 142,288	442 434,395	16,301	15,833
24	39	98 094	25 639,655	415 292,107	16,197	15,730
25	40	97 988	24 219,380	389 652,452	16,088	15,621
26	41	97 874	22 875,932	365 433,071	15,975	15,507
27	42	97 753	21 605,343	342 557,140	15,855	15,388
28	43	97 621	20 402,858	320 951,797	15,731	15,263
29	44	97 483	19 266,191	300 548,939	15,600	15,132
30	45	97 327	18 189,616	281 282,748	15,464	14,996
31	46	97 163	17 171,557	263 093,132	15,321	14,854
32	47	96 973	16 206,098	245 921,575	15,175	14,707
33	48	96 766	15 292,227	229 715,476	15,022	14,554
34	49	96 543	14 427,352	214 423,250	14,862	14,395
35	50	96 290	13 607,206	199 995,898	14,698	14,230
36	51	96 015	12 830,577	186 388,692	14,527	14,059
37	52	95 718	12 095,393	173 558,115	14,349	13,882
38	53	95 394	11 398,950	161 462,722	14,165	13,697
39	54	95 033	10 738,406	150 063,772	13,974	13,507
40	55	94 644	10 112,911	139 325,366	13,777	13,309
41	56	94 211	9 519,372	129 212,456	13,574	13,106
42	57	93 746	8 957,314	119 693,084	13,363	12,895
43	58	93 233	8 423,887	110 735,770	13,145	12,678
44	59	92 670	7 917,729	102 311,883	12,922	12,454
45	60	92 056	7 437,672	94 394,154	12,691	12,224
46	61	91 373	6 981,043	86 956,482	12,456	11,989
47	62	90 663	6 550,181	79 975,439	12,210	11,742
48	63	89 888	6 141,083	73 425,258	11,956	11,489
49	64	89 048	5 752,868	67 284,176	11,696	11,228
50	65	88 121	5 383,426	61 531,308	11,430	10,962
51	66	87 107	5 032,159	56 147,881	11,158	10,690
52	67	86 013	4 698,762	51 115,723	10,879	10,411
53	68	84 802	4 380,727	46 416,961	10,596	10,128
54	69	83 517	4 079,771	42 036,234	10,304	9,836
55	70	82 124	3 793,574	37 956,463	10,005	9,538
56	71	80 625	3 521,811	34 162,889	9,700	9,233
57	72	79 002	3 263,280	30 641,078	9,390	8,922
58	73	77 276	3 018,446	27 377,798	9,070	8,603
59	74	75 438	2 786,411	24 359,352	8,742	8,275
60	75	73 461	2 565,868	21 572,941	8,408	7,940
61	76	71 337	2 356,190	19 007,073	8,067	7,599
62	77	69 013	2 155,497	16 650,883	7,725	7,257
63	78	66 509	1 964,341	14 495,387	7,379	6,912
64	79	63 795	1 781,744	12 531,045	7,033	6,565
65	80	60 814	1 606,130	10 749,301	6,693	6,225
66	81	57 580	1 438,023	9 143,171	6,358	5,891
67	82	54 143	1 278,666	7 705,148	6,026	5,558
68	83	50 494	1 127,655	6 426,482	5,699	5,231
69	84	46 672	985,620	5 298,827	5,376	4,909
70	85	42 636	851,437	4 313,207	5,066	4,598
71	86	38 462	726,321	3 461,771	4,766	4,299
72	87	34 188	610,501	2 735,449	4,481	4,013
73	88	29 925	505,320	2 124,948	4,205	3,738
74	89	25 739	411,007	1 619,628	3,941	3,473
75	90	21 678	327,333	1 208,621	3,692	3,225
76	91	17 842	254,767	881,288	3,459	2,992
77	92	14 297	193,050	626,520	3,245	2,778
78	93	11 137	142,195	433,470	3,048	2,581
79	94	8 400	101,417	291,275	2,872	2,404
80	95	6 088	69,514	189,858	2,731	2,264
81	96	4 304	46,472	120,344	2,590	2,122
82	97	2 935	29,967	73,871	2,465	1,998
83	98	1 963	18,955	43,904	2,316	1,849
84	99	1 249	11,405	24,950	2,188	1,720
85	100	757	6,532	13,544	2,074	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 756 877,729	17,648	17,180
1	17	99 187	93 793,387	1 657 324,149	17,670	17,202
2	18	99 145	88 656,367	1 563 530,762	17,636	17,168
3	19	99 109	83 805,663	1 474 874,395	17,599	17,131
4	20	99 077	79 223,355	1 391 068,733	17,559	17,091
5	21	99 048	74 893,143	1 311 845,377	17,516	17,049
6	22	99 022	70 802,542	1 236 952,234	17,470	17,003
7	23	98 994	66 934,230	1 166 149,693	17,422	16,955
8	24	98 965	63 275,718	1 099 215,463	17,372	16,904
9	25	98 940	59 820,174	1 035 939,745	17,318	16,850
10	26	98 913	56 552,445	976 119,570	17,260	16,793
11	27	98 887	53 462,972	919 567,125	17,200	16,732
12	28	98 856	50 540,446	866 104,153	17,137	16,669
13	29	98 824	47 776,720	815 563,707	17,070	16,603
14	30	98 789	45 162,921	767 786,987	17,000	16,533
15	31	98 747	42 689,416	722 624,066	16,927	16,460
16	32	98 701	40 349,291	679 934,650	16,851	16,384
17	33	98 641	38 132,293	639 585,358	16,773	16,305
18	34	98 577	36 035,498	601 453,066	16,691	16,223
19	35	98 501	34 049,735	565 417,568	16,606	16,138
20	36	98 420	32 171,933	531 367,833	16,517	16,049
21	37	98 330	30 394,661	499 195,901	16,424	15,956
22	38	98 241	28 715,921	468 801,239	16,325	15,858
23	39	98 139	27 126,392	440 085,318	16,224	15,756
24	40	98 035	25 624,382	412 958,926	16,116	15,648
25	41	97 921	24 202,943	387 334,544	16,004	15,536
26	42	97 800	22 858,481	363 131,601	15,886	15,419
27	43	97 672	21 587,414	340 273,121	15,763	15,295
28	44	97 533	20 384,497	318 685,706	15,634	15,166
29	45	97 383	19 246,539	298 301,209	15,499	15,031
30	46	97 219	18 169,389	279 054,670	15,359	14,891
31	47	97 040	17 149,754	260 885,281	15,212	14,745
32	48	96 834	16 182,866	243 735,527	15,061	14,594
33	49	96 611	15 267,766	227 552,661	14,904	14,437
34	50	96 368	14 401,217	212 284,895	14,741	14,273
35	51	96 100	13 580,391	197 883,678	14,571	14,104
36	52	95 803	12 802,237	184 303,287	14,396	13,929
37	53	95 483	12 065,695	171 501,050	14,214	13,746
38	54	95 133	11 367,795	159 435,355	14,025	13,558
39	55	94 747	10 706,087	148 067,560	13,830	13,363
40	56	94 330	10 079,403	137 361,473	13,628	13,160
41	57	93 871	9 484,922	127 282,070	13,419	12,952
42	58	93 372	8 921,554	117 797,148	13,204	12,736
43	59	92 822	8 386,733	108 875,594	12,982	12,514
44	60	92 222	7 879,486	100 488,861	12,753	12,286
45	61	91 560	7 397,575	92 609,375	12,519	12,051
46	62	90 862	6 941,983	85 211,799	12,275	11,807
47	63	90 112	6 510,378	78 269,816	12,022	11,555
48	64	89 296	6 100,647	71 759,438	11,763	11,295
49	65	88 399	5 710,945	65 658,791	11,497	11,029

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	66	87 415	5 340,293	59 947,846	11,226	10,758
51	67	86 346	4 988,200	54 607,553	10,947	10,480
52	68	85 179	4 653,211	49 619,353	10,663	10,196
53	69	83 936	4 335,979	44 966,142	10,370	9,903
54	70	82 584	4 034,191	40 630,163	10,071	9,604
55	71	81 123	3 747,354	36 595,972	9,766	9,298
56	72	79 545	3 474,652	32 848,618	9,454	8,986
57	73	77 863	3 216,259	29 373,965	9,133	8,665
58	74	76 080	2 971,712	26 157,707	8,802	8,335
59	75	74 147	2 738,740	23 185,994	8,466	7,998
60	76	72 060	2 516,943	20 447,255	8,124	7,656
61	77	69 780	2 304,763	17 930,311	7,780	7,312
62	78	67 325	2 102,791	15 625,548	7,431	6,963
63	79	64 640	1 909,143	13 522,757	7,083	6,616
64	80	61 695	1 723,083	11 613,614	6,740	6,272
65	81	58 478	1 544,442	9 890,531	6,404	5,936
66	82	55 043	1 374,660	8 346,089	6,071	5,604
67	83	51 417	1 214,296	6 971,429	5,741	5,274
68	84	47 561	1 062,159	5 757,133	5,420	4,953
69	85	43 535	919,365	4 694,975	5,107	4,639
70	86	39 344	785,688	3 775,609	4,805	4,338
71	87	35 043	661,746	2 989,921	4,518	4,051
72	88	30 729	548,725	2 328,176	4,243	3,775
73	89	26 489	447,297	1 779,451	3,978	3,511
74	90	22 370	357,199	1 332,154	3,729	3,262
75	91	18 471	278,908	974,955	3,496	3,028
76	92	14 857	212,136	696,047	3,281	2,814
77	93	11 616	156,842	483,911	3,085	2,618
78	94	8 807	112,448	327,069	2,909	2,441
79	95	6 424	77,566	214,621	2,767	2,299
80	96	4 572	52,203	137,055	2,625	2,158
81	97	3 144	33,949	84,852	2,499	2,032
82	98	2 122	21,664	50,903	2,350	1,882
83	99	1 365	13,179	29,238	2,219	1,751
84	100	836	7,635	16,060	2,103	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 754 064,831	17,622	17,154
1	18	99 172	93 779,654	1 654 525,298	17,643	17,175
2	19	99 125	88 638,313	1 560 745,644	17,608	17,140
3	20	99 090	83 789,486	1 472 107,331	17,569	17,102
4	21	99 059	79 208,686	1 388 317,845	17,527	17,060
5	22	99 031	74 880,744	1 309 109,159	17,483	17,015
6	23	99 005	70 790,289	1 234 228,415	17,435	16,967
7	24	98 973	66 919,706	1 163 438,125	17,386	16,918
8	25	98 948	63 264,988	1 096 518,419	17,332	16,865
9	26	98 921	59 809,020	1 033 253,431	17,276	16,808
10	27	98 894	56 541,442	973 444,411	17,216	16,749
11	28	98 865	53 451,294	916 902,969	17,154	16,686
12	29	98 831	50 527,841	863 451,675	17,089	16,621
13	30	98 798	47 764,357	812 923,834	17,019	16,552
14	31	98 759	45 149,511	765 159,477	16,947	16,480
15	32	98 716	42 675,790	720 009,966	16,872	16,404
16	33	98 667	40 335,288	677 334,177	16,793	16,325
17	34	98 606	38 118,716	636 998,888	16,711	16,243
18	35	98 539	36 021,404	598 880,173	16,626	16,158
19	36	98 461	34 036,031	562 858,769	16,537	16,070
20	37	98 374	32 156,849	528 822,738	16,445	15,978
21	38	98 285	30 380,673	496 665,889	16,348	15,881
22	39	98 183	28 699,103	466 285,216	16,247	15,780
23	40	98 080	27 110,233	437 586,113	16,141	15,673
24	41	97 969	25 606,990	410 475,880	16,030	15,562
25	42	97 847	24 184,479	384 868,889	15,914	15,446
26	43	97 718	22 839,512	360 684,410	15,792	15,325
27	44	97 584	21 567,987	337 844,898	15,664	15,197
28	45	97 433	20 363,704	316 276,911	15,531	15,064
29	46	97 275	19 225,138	295 913,207	15,392	14,924
30	47	97 096	18 146,319	276 688,069	15,248	14,780
31	48	96 901	17 125,169	258 541,750	15,097	14,630
32	49	96 679	16 156,981	241 416,581	14,942	14,474
33	50	96 436	15 240,109	225 259,600	14,781	14,313
34	51	96 178	14 372,837	210 019,491	14,612	14,145
35	52	95 888	13 550,395	195 646,654	14,438	13,971
36	53	95 568	12 770,804	182 096,259	14,259	13,791
37	54	95 222	12 032,718	169 325,455	14,072	13,605
38	55	94 847	11 333,582	157 292,738	13,878	13,411
39	56	94 433	10 670,614	145 959,156	13,679	13,211
40	57	93 989	10 042,926	135 288,542	13,471	13,003
41	58	93 496	9 447,056	125 245,616	13,258	12,790
42	59	92 960	8 882,205	115 798,560	13,037	12,570
43	60	92 373	8 346,225	106 916,355	12,810	12,343
44	61	91 725	7 837,008	98 570,130	12,578	12,110
45	62	91 048	7 356,185	90 733,122	12,334	11,867
46	63	90 310	6 899,799	83 376,937	12,084	11,616
47	64	89 519	6 467,511	76 477,138	11,825	11,357
48	65	88 646	6 056,190	70 009,627	11,560	11,092
49	66	87 691	5 665,188	63 953,438	11,289	10,821
50	67	86 651	5 293,644	58 288,250	11,011	10,543
51	68	85 509	4 939,843	52 994,606	10,728	10,260
52	69	84 309	4 605,679	48 054,763	10,434	9,966
53	70	82 998	4 287,536	43 449,084	10,134	9,666
54	71	81 578	3 985,041	39 161,548	9,827	9,360
55	72	80 037	3 697,176	35 176,507	9,514	9,047
56	73	78 399	3 424,585	31 479,331	9,192	8,725
57	74	76 658	3 166,462	28 054,746	8,860	8,392
58	75	74 778	2 920,871	24 888,284	8,521	8,053
59	76	72 733	2 686,519	21 967,413	8,177	7,709
60	77	70 487	2 462,008	19 280,894	7,831	7,364
61	78	68 073	2 248,407	16 818,886	7,480	7,013
62	79	65 434	2 043,702	14 570,479	7,129	6,662
63	80	62 512	1 846,288	12 526,777	6,785	6,317
64	81	59 325	1 656,903	10 680,489	6,446	5,978
65	82	55 902	1 476,390	9 023,586	6,112	5,644
66	83	52 272	1 305,457	7 547,196	5,781	5,314
67	84	48 431	1 143,768	6 241,739	5,457	4,990
68	85	44 364	990,759	5 097,971	5,146	4,678
69	86	40 173	848,371	4 107,212	4,841	4,374
70	87	35 846	715,834	3 258,841	4,553	4,085
71	88	31 497	594,784	2 543,007	4,276	3,808
72	89	27 200	485,717	1 948,223	4,011	3,543
73	90	23 021	388,738	1 462,506	3,762	3,295
74	91	19 060	304,356	1 073,769	3,528	3,060
75	92	15 380	232,237	769,413	3,313	2,845
76	93	12 070	172,348	537,175	3,117	2,649
77	94	9 186	124,031	364,828	2,941	2,474
78	95	6 736	86,003	240,797	2,800	2,332
79	96	4 824	58,250	154,793	2,657	2,190
80	97	3 340	38,135	96,543	2,532	2,064
81	98	2 273	24,543	58,408	2,380	1,912
82	99	1 475	15,063	33,865	2,248	1,781
83	100	914	8,823	18,803	2,131	1,664

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 751 073,353	17,594	17,127
1	19	99 152	93 760,557	1 651 548,395	17,615	17,147
2	20	99 106	88 621,204	1 557 787,838	17,578	17,110
3	21	99 072	83 773,971	1 469 166,634	17,537	17,070
4	22	99 043	79 195,572	1 385 392,664	17,493	17,026
5	23	99 014	74 867,786	1 306 197,092	17,447	16,979
6	24	98 983	70 774,929	1 231 329,305	17,398	16,930
7	25	98 956	66 908,359	1 160 554,376	17,345	16,878
8	26	98 929	63 253,192	1 093 646,018	17,290	16,822
9	27	98 902	59 797,383	1 030 392,826	17,231	16,764
10	28	98 873	56 529,091	970 595,443	17,170	16,702
11	29	98 840	53 437,964	914 066,351	17,105	16,638
12	30	98 806	50 514,765	860 628,387	17,037	16,570
13	31	98 769	47 750,174	810 113,622	16,966	16,498
14	32	98 728	45 135,099	762 363,448	16,891	16,423
15	33	98 682	42 660,979	717 228,349	16,812	16,345
16	34	98 632	40 320,927	674 567,370	16,730	16,262
17	35	98 568	38 103,807	634 246,443	16,645	16,178
18	36	98 499	36 006,906	596 142,636	16,556	16,089
19	37	98 415	34 020,073	560 135,730	16,465	15,997
20	38	98 329	32 142,049	526 115,657	16,368	15,901
21	39	98 227	30 362,880	493 973,608	16,269	15,801
22	40	98 125	28 682,007	463 610,727	16,164	15,696
23	41	98 014	27 091,833	434 928,720	16,054	15,586
24	42	97 894	25 587,456	407 836,887	15,939	15,471
25	43	97 765	24 164,411	382 249,431	15,819	15,351
26	44	97 631	22 818,958	358 085,020	15,692	15,225
27	45	97 485	21 545,987	335 266,062	15,560	15,093
28	46	97 325	20 341,060	313 720,075	15,423	14,955
29	47	97 151	19 200,727	293 379,014	15,280	14,812
30	48	96 956	18 120,306	274 178,288	15,131	14,663
31	49	96 746	17 097,776	256 057,982	14,976	14,509
32	50	96 504	16 127,713	238 960,206	14,817	14,349
33	51	96 246	15 210,076	222 832,493	14,650	14,183
34	52	95 965	14 341,091	207 622,417	14,477	14,010
35	53	95 653	13 517,125	193 281,326	14,299	13,831
36	54	95 307	12 735,899	179 764,201	14,115	13,647
37	55	94 935	11 996,503	167 028,302	13,923	13,456
38	56	94 532	11 296,029	155 031,799	13,724	13,257
39	57	94 091	10 631,998	143 735,769	13,519	13,052
40	58	93 613	10 002,832	133 103,771	13,307	12,839
41	59	93 083	9 405,389	123 100,939	13,088	12,621
42	60	92 511	8 839,304	113 695,550	12,863	12,395
43	61	91 875	8 301,230	104 856,246	12,631	12,164
44	62	91 212	7 793,159	96 555,016	12,390	11,922
45	63	90 495	7 311,484	88 761,857	12,140	11,672
46	64	89 715	6 854,368	81 450,373	11,883	11,415
47	65	88 867	6 420,380	74 596,005	11,619	11,151
48	66	87 935	6 007,666	68 175,625	11,348	10,881
49	67	86 925	5 615,700	62 167,959	11,070	10,603
50	68	85 811	5 242,325	56 552,258	10,788	10,320
51	69	84 636	4 889,383	51 309,933	10,494	10,027
52	70	83 367	4 554,224	46 420,550	10,193	9,725
53	71	81 987	4 235,299	41 866,326	9,885	9,418
54	72	80 486	3 931,679	37 631,028	9,571	9,104
55	73	78 884	3 643,902	33 699,348	9,248	8,781
56	74	77 185	3 371,563	30 055,446	8,914	8,447
57	75	75 346	3 112,289	26 683,883	8,574	8,106
58	76	73 352	2 865,177	23 571,594	8,227	7,759
59	77	71 146	2 627,883	20 706,417	7,880	7,412
60	78	68 764	2 401,807	18 078,534	7,527	7,059
61	79	66 161	2 185,227	15 676,727	7,174	6,706
62	80	63 279	1 976,417	13 491,500	6,826	6,359
63	81	60 111	1 775,375	11 515,083	6,486	6,018
64	82	56 711	1 583,896	9 739,708	6,149	5,682
65	83	53 088	1 402,066	8 155,812	5,817	5,349
66	84	49 236	1 229,634	6 753,746	5,492	5,025
67	85	45 175	1 066,883	5 524,113	5,178	4,710
68	86	40 938	914,252	4 457,230	4,875	4,408
69	87	36 601	772,944	3 542,978	4,584	4,116
70	88	32 219	643,399	2 770,034	4,305	3,838
71	89	27 880	526,488	2 126,636	4,039	3,572
72	90	23 639	422,128	1 600,148	3,791	3,323
73	91	19 615	331,229	1 178,020	3,557	3,089
74	92	15 871	253,427	846,791	3,341	2,874
75	93	12 495	188,679	593,364	3,145	2,677
76	94	9 545	136,293	404,685	2,969	2,502
77	95	7 026	94,862	268,392	2,829	2,362
78	96	5 058	64,586	173,530	2,687	2,219
79	97	3 524	42,552	108,944	2,560	2,093
80	98	2 415	27,569	66,392	2,408	1,941
81	99	1 580	17,064	38,822	2,275	1,808
82	100	988	10,084	21,758	2,158	1,690

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 747 893,883	17,566	17,098
1	20	99 133	93 742,459	1 648 389,192	17,584	17,117
2	21	99 087	88 604,794	1 554 646,733	17,546	17,078
3	22	99 055	83 760,101	1 466 041,940	17,503	17,035
4	23	99 026	79 181,868	1 382 281,838	17,457	16,989
5	24	98 993	74 851,541	1 303 099,971	17,409	16,942
6	25	98 966	70 762,928	1 228 248,429	17,357	16,890
7	26	98 938	66 895,883	1 157 485,502	17,303	16,835
8	27	98 910	63 240,885	1 090 589,619	17,245	16,777
9	28	98 881	59 784,322	1 027 348,734	17,184	16,717
10	29	98 848	56 514,993	967 564,413	17,120	16,653
11	30	98 815	53 424,135	911 049,419	17,053	16,586
12	31	98 777	50 499,766	857 625,284	16,983	16,515
13	32	98 737	47 734,932	807 125,518	16,908	16,441
14	33	98 694	45 119,435	759 390,586	16,831	16,363
15	34	98 647	42 645,790	714 271,151	16,749	16,281
16	35	98 593	40 305,157	671 625,361	16,664	16,196
17	36	98 528	38 088,471	631 320,204	16,575	16,108
18	37	98 453	35 990,024	593 231,733	16,483	16,016
19	38	98 370	34 004,416	557 241,709	16,387	15,920
20	39	98 271	32 123,225	523 237,293	16,288	15,821
21	40	98 168	30 344,793	491 114,068	16,184	15,717
22	41	98 058	28 662,541	460 769,275	16,076	15,608
23	42	97 939	27 071,166	432 106,734	15,962	15,494
24	43	97 813	25 566,223	405 035,568	15,843	15,375
25	44	97 678	24 142,664	379 469,345	15,718	15,250
26	45	97 531	22 795,682	355 326,681	15,587	15,120
27	46	97 376	21 522,029	332 530,998	15,451	14,983
28	47	97 201	20 315,233	311 008,970	15,309	14,842
29	48	97 012	19 173,202	290 693,737	15,161	14,694
30	49	96 801	18 091,321	271 520,535	15,008	14,541
31	50	96 570	17 066,804	253 429,214	14,849	14,382
32	51	96 314	16 095,931	236 362,410	14,685	14,217
33	52	96 034	15 176,480	220 266,479	14,514	14,046
34	53	95 730	14 305,879	205 089,999	14,336	13,868
35	54	95 391	13 480,180	190 784,120	14,153	13,685
36	55	95 020	12 697,569	177 303,940	13,964	13,496
37	56	94 621	11 956,754	164 606,371	13,767	13,299
38	57	94 190	11 255,150	152 649,617	13,563	13,095
39	58	93 716	10 589,552	141 394,466	13,352	12,885
40	59	93 201	9 958,714	130 804,914	13,135	12,667
41	60	92 634	9 359,961	120 846,200	12,911	12,443
42	61	92 012	8 791,651	111 486,239	12,681	12,213
43	62	91 361	8 254,784	102 694,588	12,441	11,973
44	63	90 657	7 745,803	94 439,804	12,192	11,725
45	64	89 899	7 263,342	86 694,001	11,936	11,468
46	65	89 061	6 804,418	79 430,659	11,673	11,206
47	66	88 155	6 368,939	72 626,241	11,403	10,936
48	67	87 167	5 955,187	66 257,302	11,126	10,658
49	68	86 082	5 561,259	60 302,115	10,843	10,376
50	69	84 934	5 188,776	54 740,856	10,550	10,082
51	70	83 690	4 834,758	49 552,080	10,249	9,782
52	71	82 351	4 498,737	44 717,322	9,940	9,472
53	72	80 889	4 178,587	40 218,585	9,625	9,157
54	73	79 326	3 875,027	36 039,998	9,301	8,833
55	74	77 662	3 587,485	32 164,972	8,966	8,498
56	75	75 864	3 313,881	28 577,487	8,624	8,156
57	76	73 910	3 052,945	25 263,606	8,275	7,808
58	77	71 751	2 802,642	22 210,661	7,925	7,457
59	78	69 406	2 563,626	19 408,019	7,571	7,103
60	79	66 832	2 334,316	16 844,393	7,216	6,748
61	80	63 982	2 113,282	14 510,077	6,866	6,399
62	81	60 849	1 900,507	12 396,795	6,523	6,055
63	82	57 462	1 697,148	10 496,289	6,185	5,717
64	83	53 856	1 504,160	8 799,141	5,850	5,382
65	84	50 004	1 320,632	7 294,981	5,524	5,056
66	85	45 926	1 146,976	5 974,350	5,209	4,741
67	86	41 687	984,497	4 827,373	4,903	4,436
68	87	37 299	832,968	3 842,877	4,613	4,146
69	88	32 897	694,730	3 009,909	4,332	3,865
70	89	28 519	569,520	2 315,179	4,065	3,598
71	90	24 230	457,561	1 745,659	3,815	3,348
72	91	20 142	359,680	1 288,098	3,581	3,114
73	92	16 333	275,803	928,418	3,366	2,899
74	93	12 894	205,894	652,615	3,170	2,702
75	94	9 881	149,208	446,721	2,994	2,526
76	95	7 300	104,241	297,513	2,854	2,387
77	96	5 276	71,238	193,273	2,713	2,245
78	97	3 695	47,181	122,034	2,587	2,119
79	98	2 548	30,763	74,854	2,433	1,966
80	99	1 679	19,168	44,091	2,300	1,833
81	100	1 058	11,424	24,922	2,182	1,714

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 744 521,975	17,535	17,068
1	21	99 114	93 725,100	1 645 036,491	17,552	17,084
2	22	99 071	88 590,125	1 551 311,391	17,511	17,044
3	23	99 038	83 745,607	1 462 721,266	17,466	16,999
4	24	99 004	79 164,686	1 378 975,659	17,419	16,951
5	25	98 976	74 838,849	1 299 810,973	17,368	16,901
6	26	98 948	70 749,733	1 224 972,124	17,314	16,847
7	27	98 918	66 882,867	1 154 222,391	17,257	16,790
8	28	98 889	63 227,071	1 087 339,524	17,197	16,730
9	29	98 856	59 769,412	1 024 112,454	17,134	16,667
10	30	98 822	56 500,368	964 343,042	17,068	16,600
11	31	98 785	53 408,272	907 842,673	16,998	16,531
12	32	98 745	50 483,647	854 434,401	16,925	16,457
13	33	98 703	47 718,366	803 950,755	16,848	16,380
14	34	98 658	45 103,370	756 232,389	16,767	16,299
15	35	98 608	42 629,111	711 129,018	16,682	16,214
16	36	98 553	40 288,935	668 499,908	16,593	16,125
17	37	98 482	38 070,613	628 210,973	16,501	16,034
18	38	98 408	35 973,460	590 140,360	16,405	15,937
19	39	98 312	33 984,501	554 166,900	16,306	15,839
20	40	98 213	32 104,089	520 182,399	16,203	15,735
21	41	98 102	30 324,198	488 078,309	16,095	15,628
22	42	97 983	28 640,675	457 754,111	15,983	15,515
23	43	97 858	27 048,702	429 113,436	15,864	15,397
24	44	97 725	25 543,215	402 064,734	15,741	15,273
25	45	97 578	24 118,038	376 521,518	15,612	15,144
26	46	97 422	22 770,334	352 403,480	15,476	15,009
27	47	97 253	21 494,701	329 633,146	15,336	14,868
28	48	97 062	20 286,110	308 138,445	15,190	14,722
29	49	96 857	19 142,533	287 852,335	15,037	14,570
30	50	96 626	18 058,549	268 709,802	14,880	14,412
31	51	96 380	17 033,171	250 651,252	14,715	14,248
32	52	96 101	16 060,378	233 618,081	14,546	14,079
33	53	95 798	15 139,217	217 557,703	14,370	13,903
34	54	95 468	14 266,779	202 418,485	14,188	13,721
35	55	95 104	13 439,610	188 151,706	14,000	13,532
36	56	94 705	12 655,497	174 712,096	13,805	13,338
37	57	94 279	11 913,484	162 056,600	13,603	13,135
38	58	93 814	11 210,217	150 143,115	13,393	12,926
39	59	93 302	10 542,847	138 932,899	13,178	12,710
40	60	92 750	9 910,614	128 390,052	12,955	12,487
41	61	92 134	9 309,501	118 479,439	12,727	12,259
42	62	91 498	8 742,461	109 169,937	12,487	12,020
43	63	90 806	8 204,623	100 427,477	12,240	11,773
44	64	90 060	7 694,801	92 222,854	11,985	11,518
45	65	89 244	7 210,412	84 528,053	11,723	11,255
46	66	88 348	6 749,900	77 317,641	11,455	10,987
47	67	87 384	6 313,303	70 567,741	11,178	10,710
48	68	86 322	5 897,455	64 254,438	10,895	10,428
49	69	85 203	5 504,452	58 356,983	10,602	10,134
50	70	83 986	5 130,806	52 852,531	10,301	9,833
51	71	82 670	4 775,854	47 721,725	9,992	9,525
52	72	81 249	4 438,497	42 945,871	9,676	9,208
53	73	79 723	4 118,376	38 507,374	9,350	8,883
54	74	78 098	3 815,031	34 388,998	9,014	8,547
55	75	76 334	3 526,108	30 573,967	8,671	8,203
56	76	74 418	3 250,693	27 047,859	8,321	7,853
57	77	72 296	2 986,311	23 797,166	7,969	7,501
58	78	69 997	2 734,112	20 810,854	7,612	7,144
59	79	67 456	2 491,588	18 076,742	7,255	6,788
60	80	64 631	2 257,463	15 585,155	6,904	6,436
61	81	61 525	2 032,115	13 327,692	6,559	6,091
62	82	58 168	1 816,765	11 295,577	6,217	5,750
63	83	54 570	1 611,711	9 478,812	5,881	5,414
64	84	50 728	1 416,795	7 867,101	5,553	5,085
65	85	46 643	1 231,857	6 450,306	5,236	4,769
66	86	42 380	1 058,405	5 218,448	4,930	4,463
67	87	37 981	896,967	4 160,043	4,638	4,170
68	88	33 524	748,680	3 263,076	4,358	3,891
69	89	29 120	614,957	2 514,396	4,089	3,621
70	90	24 785	494,960	1 899,439	3,838	3,370
71	91	20 646	389,871	1 404,479	3,602	3,135
72	92	16 772	299,493	1 014,608	3,388	2,920
73	93	13 270	224,074	715,115	3,191	2,724
74	94	10 197	162,822	491,042	3,016	2,548
75	95	7 558	114,118	328,220	2,876	2,409
76	96	5 482	78,281	214,102	2,735	2,267
77	97	3 854	52,041	135,821	2,610	2,142
78	98	2 671	34,109	83,780	2,456	1,989
79	99	1 771	21,389	49,671	2,322	1,855
80	100	1 124	12,833	28,282	2,204	1,736

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 740 945,811	17,503	17,035
1	22	99 098	93 709,583	1 641 478,749	17,517	17,049
2	23	99 054	88 574,794	1 547 769,165	17,474	17,007
3	24	99 017	83 727,436	1 459 194,371	17,428	16,960
4	25	98 987	79 151,262	1 375 466,935	17,378	16,910
5	26	98 957	74 824,894	1 296 315,673	17,325	16,857
6	27	98 929	70 735,967	1 221 490,779	17,268	16,801
7	28	98 897	66 868,258	1 150 754,812	17,209	16,742
8	29	98 864	63 211,302	1 083 886,554	17,147	16,679
9	30	98 830	59 753,945	1 020 675,252	17,081	16,614
10	31	98 793	56 483,591	960 921,307	17,012	16,545
11	32	98 754	53 391,224	904 437,716	16,940	16,472
12	33	98 711	50 466,126	851 046,491	16,864	16,396
13	34	98 668	47 701,376	800 580,365	16,783	16,316
14	35	98 620	45 085,730	752 878,989	16,699	16,231
15	36	98 568	42 611,953	707 793,259	16,610	16,143
16	37	98 507	40 270,045	665 181,306	16,518	16,050
17	38	98 437	38 053,092	624 911,261	16,422	15,955
18	39	98 350	35 952,392	586 858,169	16,323	15,856
19	40	98 254	33 964,256	550 905,776	16,220	15,753
20	41	98 146	32 082,300	516 941,520	16,113	15,645
21	42	98 027	30 301,065	484 859,220	16,001	15,534
22	43	97 902	28 616,909	454 558,155	15,884	15,417
23	44	97 770	27 024,360	425 941,246	15,761	15,294
24	45	97 625	25 517,160	398 916,885	15,633	15,166
25	46	97 469	24 091,220	373 399,725	15,499	15,032
26	47	97 299	22 741,422	349 308,506	15,360	14,892
27	48	97 113	21 463,888	326 567,083	15,215	14,747
28	49	96 907	20 253,661	305 103,196	15,064	14,597
29	50	96 681	19 107,857	284 849,535	14,907	14,440
30	51	96 436	18 022,962	265 741,678	14,745	14,277
31	52	96 167	16 995,549	247 718,716	14,576	14,108
32	53	95 865	16 020,945	230 723,167	14,401	13,934
33	54	95 536	15 097,840	214 702,221	14,221	13,753
34	55	95 181	14 223,842	199 604,382	14,033	13,566
35	56	94 789	13 395,079	185 380,540	13,839	13,372
36	57	94 362	12 609,698	171 985,461	13,639	13,172
37	58	93 902	11 865,922	159 375,763	13,431	12,964
38	59	93 400	11 160,773	147 509,841	13,217	12,749
39	60	92 852	10 491,925	136 349,067	12,996	12,528
40	61	92 250	9 857,185	125 857,143	12,768	12,300
41	62	91 619	9 257,414	115 999,958	12,530	12,063
42	63	90 942	8 689,336	106 742,544	12,284	11,817
43	64	90 208	8 150,600	98 053,208	12,030	11,563
44	65	89 404	7 638,726	89 902,608	11,769	11,302
45	66	88 529	7 152,641	82 263,882	11,501	11,034
46	67	87 576	6 690,937	75 111,241	11,226	10,758
47	68	86 537	6 252,100	68 420,304	10,944	10,476
48	69	85 440	5 837,214	62 168,205	10,650	10,183
49	70	84 251	5 442,955	56 330,991	10,349	9,882
50	71	82 962	5 068,294	50 888,036	10,040	9,573
51	72	81 563	4 711,903	45 819,741	9,724	9,257
52	73	80 078	4 374,542	41 107,838	9,397	8,929
53	74	78 489	4 054,612	36 733,296	9,060	8,592
54	75	76 762	3 749,761	32 678,684	8,715	8,247
55	76	74 878	3 458,874	28 928,923	8,364	7,896
56	77	72 794	3 179,743	25 470,048	8,010	7,543
57	78	70 529	2 913,291	22 290,305	7,651	7,184
58	79	68 030	2 657,283	19 377,014	7,292	6,824
59	80	65 235	2 409,556	16 719,732	6,939	6,471
60	81	62 149	2 170,758	14 310,176	6,592	6,125
61	82	58 814	1 942,575	12 139,417	6,249	5,782
62	83	55 239	1 725,307	10 196,843	5,910	5,443
63	84	51 400	1 518,100	8 471,536	5,580	5,113
64	85	47 318	1 321,557	6 953,437	5,262	4,794
65	86	43 041	1 136,732	5 631,880	4,954	4,487
66	87	38 612	964,305	4 495,148	4,662	4,194
67	88	34 137	806,203	3 530,843	4,380	3,912
68	89	29 675	662,712	2 724,640	4,111	3,644
69	90	25 308	534,448	2 061,927	3,858	3,390
70	91	21 119	421,737	1 527,479	3,622	3,154
71	92	17 191	324,632	1 105,742	3,406	2,939
72	93	13 626	243,320	781,110	3,210	2,743
73	94	10 494	177,198	537,790	3,035	2,567
74	95	7 799	124,530	360,592	2,896	2,428
75	96	5 675	85,699	236,062	2,755	2,287
76	97	4 005	57,186	150,363	2,629	2,162
77	98	2 786	37,622	93,177	2,477	2,009
78	99	1 857	23,715	55,555	2,343	1,875
79	100	1 186	14,319	31,840	2,224	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 737 153,213	17,467	17,000
1	23	99 081	93 693,367	1 637 702,618	17,479	17,012
2	24	99 032	88 555,575	1 544 009,250	17,435	16,968
3	25	99 000	83 713,238	1 455 453,675	17,386	16,919
4	26	98 969	79 136,504	1 371 740,438	17,334	16,866
5	27	98 938	74 810,335	1 292 603,934	17,278	16,811
6	28	98 907	70 720,516	1 217 793,599	17,220	16,752
7	29	98 872	66 851,581	1 147 073,082	17,159	16,691
8	30	98 838	63 194,945	1 080 221,501	17,093	16,626
9	31	98 801	59 736,202	1 017 026,557	17,025	16,558
10	32	98 761	56 465,562	957 290,355	16,954	16,486
11	33	98 720	53 372,695	900 824,793	16,878	16,410
12	34	98 676	50 448,158	847 452,098	16,798	16,331
13	35	98 629	47 682,719	797 003,940	16,715	16,247
14	36	98 580	45 067,584	749 321,220	16,627	16,159
15	37	98 522	42 591,975	704 253,637	16,535	16,067
16	38	98 462	40 251,512	661 661,662	16,438	15,971
17	39	98 379	38 030,806	621 410,150	16,340	15,872
18	40	98 291	35 930,975	583 379,344	16,236	15,769
19	41	98 187	33 941,205	547 448,369	16,129	15,662
20	42	98 071	32 057,826	513 507,164	16,018	15,551
21	43	97 946	30 275,921	481 449,338	15,902	15,434
22	44	97 814	28 591,156	451 173,417	15,780	15,313
23	45	97 670	26 996,794	422 582,261	15,653	15,185
24	46	97 517	25 488,786	395 585,467	15,520	15,052
25	47	97 346	24 060,630	370 096,681	15,382	14,914
26	48	97 159	22 708,821	346 036,051	15,238	14,770
27	49	96 958	21 429,555	323 327,229	15,088	14,620
28	50	96 731	20 216,972	301 897,675	14,933	14,465
29	51	96 491	19 070,202	281 680,702	14,771	14,303
30	52	96 223	17 983,153	262 610,500	14,603	14,136
31	53	95 931	16 953,820	244 627,347	14,429	13,961
32	54	95 603	15 977,158	227 673,527	14,250	13,782
33	55	95 249	15 052,401	211 696,369	14,064	13,596
34	56	94 866	14 176,712	196 643,969	13,871	13,403
35	57	94 446	13 346,604	182 467,256	13,671	13,204
36	58	93 986	12 559,356	169 120,653	13,466	12,998
37	59	93 488	11 813,587	156 561,296	13,253	12,785
38	60	92 949	11 106,867	144 747,709	13,032	12,565
39	61	92 351	10 435,362	133 640,842	12,807	12,339
40	62	91 734	9 802,033	123 205,480	12,569	12,102
41	63	91 062	9 201,160	113 403,447	12,325	11,857
42	64	90 343	8 632,122	104 202,287	12,071	11,604
43	65	89 551	8 091,204	95 570,165	11,812	11,344
44	66	88 688	7 577,524	87 478,962	11,545	11,077
45	67	87 755	7 090,160	79 901,438	11,269	10,802
46	68	86 727	6 626,072	72 811,278	10,989	10,521
47	69	85 653	6 188,236	66 185,206	10,695	10,228
48	70	84 486	5 771,999	59 996,971	10,394	9,927
49	71	83 224	5 376,641	54 224,971	10,085	9,618
50	72	81 851	5 000,428	48 848,330	9,769	9,301
51	73	80 388	4 644,008	43 847,902	9,442	8,974
52	74	78 838	4 306,812	39 203,894	9,103	8,635
53	75	77 146	3 985,244	34 897,083	8,757	8,289
54	76	75 298	3 678,263	30 911,838	8,404	7,936
55	77	73 244	3 383,381	27 233,576	8,049	7,582
56	78	71 014	3 101,993	23 850,195	7,689	7,221
57	79	68 547	2 831,426	20 748,202	7,328	6,860
58	80	65 790	2 569,796	17 916,776	6,972	6,504
59	81	62 729	2 317,010	15 346,980	6,624	6,156
60	82	59 411	2 075,109	13 029,970	6,279	5,812
61	83	55 853	1 844,782	10 954,861	5,938	5,471
62	84	52 031	1 625,097	9 110,078	5,606	5,138
63	85	47 945	1 416,051	7 484,981	5,286	4,818
64	86	43 664	1 219,505	6 068,930	4,977	4,509
65	87	39 214	1 035,668	4 849,425	4,682	4,215
66	88	34 705	866,727	3 813,757	4,400	3,933
67	89	30 218	713,631	2 947,030	4,130	3,662
68	90	25 790	575,951	2 233,400	3,878	3,410
69	91	21 564	455,384	1 657,448	3,640	3,172
70	92	17 585	351,166	1 202,064	3,423	2,955
71	93	13 967	263,744	850,899	3,226	2,759
72	94	10 775	192,418	587,154	3,051	2,584
73	95	8 026	135,526	394,736	2,913	2,445
74	96	5 857	93,518	259,211	2,772	2,304
75	97	4 146	62,604	165,692	2,647	2,179
76	98	2 895	41,342	103,088	2,494	2,026
77	99	1 937	26,158	61,746	2,361	1,893
78	100	1 243	15,877	35,588	2,242	1,774

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 733 130,083	17,430	16,962
1	24	99 059	93 673,037	1 633 696,697	17,440	16,973
2	25	99 015	88 540,559	1 540 023,660	17,393	16,926
3	26	98 982	83 697,629	1 451 483,101	17,342	16,874
4	27	98 950	79 121,106	1 367 785,473	17,287	16,820
5	28	98 916	74 793,994	1 288 664,367	17,230	16,762
6	29	98 882	70 702,879	1 213 870,372	17,169	16,701
7	30	98 847	66 834,281	1 143 167,493	17,105	16,637
8	31	98 809	63 176,180	1 076 333,212	17,037	16,569
9	32	98 769	59 717,134	1 013 157,032	16,966	16,498
10	33	98 727	56 445,966	953 439,898	16,891	16,424
11	34	98 684	53 353,692	896 993,932	16,812	16,345
12	35	98 637	50 428,427	843 640,240	16,729	16,262
13	36	98 590	47 663,528	793 211,813	16,642	16,174
14	37	98 534	45 046,454	745 548,285	16,551	16,083
15	38	98 477	42 572,373	700 501,831	16,454	15,987
16	39	98 404	40 227,938	657 929,459	16,355	15,887
17	40	98 320	38 008,151	617 701,520	16,252	15,784
18	41	98 225	35 906,589	579 693,369	16,144	15,677
19	42	98 112	33 915,313	543 786,780	16,034	15,566
20	43	97 990	32 031,224	509 871,468	15,918	15,450
21	44	97 858	30 248,675	477 840,244	15,797	15,329
22	45	97 714	28 561,992	447 591,569	15,671	15,203
23	46	97 561	26 966,775	419 029,578	15,539	15,071
24	47	97 393	25 456,422	392 062,803	15,401	14,934
25	48	97 206	24 026,138	366 606,380	15,259	14,791
26	49	97 004	22 672,497	342 580,242	15,110	14,642
27	50	96 782	21 390,736	319 907,745	14,955	14,488
28	51	96 541	20 177,132	298 517,009	14,795	14,327
29	52	96 278	19 028,080	278 339,878	14,628	14,160
30	53	95 986	17 938,999	259 311,797	14,455	13,988
31	54	95 669	16 907,483	241 372,798	14,276	13,809
32	55	95 315	15 929,072	224 465,316	14,092	13,624
33	56	94 933	15 002,526	208 536,243	13,900	13,432
34	57	94 522	14 125,408	193 533,717	13,701	13,234
35	58	94 069	13 293,321	179 408,309	13,496	13,029
36	59	93 571	12 503,963	166 114,988	13,285	12,817
37	60	93 036	11 756,527	153 611,025	13,066	12,598
38	61	92 448	11 046,989	141 854,498	12,841	12,373
39	62	91 834	10 376,975	130 807,509	12,606	12,138
40	63	91 177	9 742,470	120 430,533	12,361	11,894
41	64	90 463	9 140,575	110 688,063	12,110	11,642
42	65	89 684	8 569,216	101 547,488	11,850	11,383
43	66	88 833	8 026,376	92 978,272	11,584	11,117
44	67	87 913	7 511,331	84 951,896	11,310	10,842
45	68	86 904	7 021,425	77 440,565	11,029	10,562
46	69	85 841	6 558,388	70 419,140	10,737	10,270
47	70	84 696	6 119,100	63 860,752	10,436	9,969
48	71	83 457	5 701,676	57 741,653	10,127	9,660
49	72	82 110	5 304,646	52 039,977	9,810	9,343
50	73	80 672	4 928,375	46 735,331	9,483	9,015
51	74	79 144	4 572,106	41 806,956	9,144	8,676
52	75	77 489	4 233,129	37 234,850	8,796	8,328
53	76	75 675	3 909,256	33 001,721	8,442	7,974
54	77	73 654	3 597,981	29 092,465	8,086	7,618
55	78	71 453	3 300,651	25 494,484	7,724	7,257
56	79	69 018	3 014,826	22 193,834	7,362	6,894
57	80	66 290	2 738,206	19 179,008	7,004	6,537
58	81	63 263	2 471,095	16 440,802	6,653	6,186
59	82	59 965	2 214,917	13 969,706	6,307	5,840
60	83	56 420	1 970,645	11 754,790	5,965	5,497
61	84	52 609	1 737,634	9 784,145	5,631	5,163
62	85	48 533	1 515,857	8 046,511	5,308	4,841
63	86	44 243	1 306,702	6 530,654	4,998	4,530
64	87	39 782	1 111,081	5 223,952	4,702	4,234
65	88	35 246	930,868	4 112,871	4,418	3,951
66	89	30 720	767,205	3 182,002	4,148	3,680
67	90	26 261	620,204	2 414,797	3,894	3,426
68	91	21 975	490,747	1 794,594	3,657	3,189
69	92	17 955	379,182	1 303,847	3,439	2,971
70	93	14 287	285,302	924,665	3,241	2,773
71	94	11 045	208,569	639,363	3,065	2,598
72	95	8 241	147,167	430,794	2,927	2,460
73	96	6 027	101,775	283,627	2,787	2,319
74	97	4 278	68,316	181,852	2,662	2,194
75	98	2 997	45,259	113,535	2,509	2,041
76	99	2 013	28,744	68,276	2,375	1,908
77	100	1 297	17,512	39,532	2,257	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 728 864,385	17,391	16,923
1	25	99 042	93 657,153	1 629 452,575	17,398	16,930
2	26	98 997	88 524,049	1 535 795,422	17,349	16,881
3	27	98 962	83 681,343	1 447 271,373	17,295	16,827
4	28	98 928	79 103,824	1 363 590,029	17,238	16,770
5	29	98 892	74 775,341	1 284 486,206	17,178	16,710
6	30	98 857	70 684,583	1 209 710,864	17,114	16,647
7	31	98 817	66 814,436	1 139 026,282	17,048	16,580
8	32	98 777	63 156,014	1 072 211,846	16,977	16,510
9	33	98 735	59 696,410	1 009 055,832	16,903	16,436
10	34	98 692	56 425,869	949 359,422	16,825	16,357
11	35	98 646	53 332,824	892 933,553	16,743	16,275
12	36	98 597	50 408,131	839 600,729	16,656	16,188
13	37	98 543	47 641,181	789 192,599	16,565	16,098
14	38	98 489	45 025,722	741 551,418	16,470	16,002
15	39	98 419	42 547,440	696 525,695	16,371	15,903
16	40	98 346	40 203,975	653 978,256	16,267	15,799
17	41	98 254	37 982,355	613 774,281	16,159	15,692
18	42	98 150	35 879,197	575 791,926	16,048	15,580
19	43	98 031	33 887,169	539 912,729	15,933	15,465
20	44	97 902	32 002,398	506 025,560	15,812	15,345
21	45	97 758	30 217,820	474 023,162	15,687	15,219
22	46	97 605	28 530,232	443 805,342	15,556	15,088
23	47	97 437	26 932,534	415 275,110	15,419	14,952
24	48	97 253	25 419,929	388 342,576	15,277	14,810
25	49	97 051	23 987,707	362 922,646	15,130	14,662
26	50	96 828	22 631,427	338 934,940	14,976	14,509
27	51	96 592	21 348,582	316 303,513	14,816	14,349
28	52	96 327	20 132,565	294 954,931	14,651	14,183
29	53	96 041	18 981,360	274 822,366	14,479	14,011
30	54	95 724	17 889,969	255 841,006	14,301	13,833
31	55	95 381	16 856,597	237 951,036	14,116	13,649
32	56	94 999	15 876,293	221 094,439	13,926	13,458
33	57	94 589	14 948,234	205 218,146	13,729	13,261
34	58	94 145	14 069,016	190 269,912	13,524	13,056
35	59	93 654	13 234,690	176 200,896	13,314	12,846
36	60	93 119	12 443,569	162 966,207	13,096	12,629
37	61	92 535	11 693,148	150 522,638	12,873	12,405
38	62	91 931	10 985,180	138 829,490	12,638	12,170
39	63	91 276	10 313,918	127 844,310	12,395	11,928
40	64	90 576	9 678,321	117 530,392	12,144	11,676
41	65	89 803	9 073,965	107 852,070	11,886	11,418
42	66	88 966	8 500,558	98 778,105	11,620	11,153
43	67	88 057	7 956,262	90 277,547	11,347	10,879
44	68	87 061	7 438,513	82 321,285	11,067	10,599
45	69	86 017	6 949,702	74 882,772	10,775	10,307
46	70	84 882	6 485,116	67 933,070	10,475	10,008
47	71	83 665	6 044,547	61 447,953	10,166	9,698
48	72	82 339	5 625,328	55 403,406	9,849	9,381
49	73	80 927	5 228,209	49 778,078	9,521	9,053
50	74	79 423	4 852,070	44 549,868	9,182	8,714
51	75	77 790	4 493,885	39 697,798	8,834	8,366
52	76	76 012	4 152,414	35 203,913	8,478	8,010
53	77	74 024	3 823,932	31 051,499	8,120	7,653
54	78	71 853	3 510,003	27 227,568	7,757	7,290
55	79	69 445	3 207,901	23 717,564	7,393	6,926
56	80	66 746	2 915,568	20 509,663	7,035	6,567
57	81	63 744	2 633,038	17 594,095	6,682	6,214
58	82	60 476	2 362,213	14 961,057	6,333	5,866
59	83	56 946	2 103,414	12 598,845	5,990	5,522
60	84	53 143	1 856,186	10 495,431	5,654	5,187
61	85	49 073	1 620,829	8 639,245	5,330	4,863
62	86	44 786	1 398,800	7 018,416	5,017	4,550
63	87	40 309	1 190,526	5 619,616	4,720	4,253
64	88	35 757	998,651	4 429,089	4,435	3,967
65	89	31 199	823,981	3 430,438	4,163	3,696
66	90	26 698	666,764	2 606,457	3,909	3,442
67	91	22 376	528,453	1 939,693	3,671	3,203
68	92	18 298	408,628	1 411,241	3,454	2,986
69	93	14 588	308,063	1 002,613	3,255	2,787
70	94	11 298	225,617	694,550	3,078	2,611
71	95	8 447	159,520	468,933	2,940	2,472
72	96	6 189	110,517	309,413	2,800	2,332
73	97	4 403	74,348	198,896	2,675	2,208
74	98	3 093	49,389	124,547	2,522	2,054
75	99	2 084	31,468	75,158	2,388	1,921
76	100	1 348	19,243	43,691	2,270	1,803

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 724 347,288	17,348	16,881
1	26	99 024	93 639,690	1 624 952,336	17,353	16,886
2	27	98 978	88 506,825	1 531 312,646	17,302	16,834
3	28	98 941	83 663,065	1 442 805,821	17,245	16,778
4	29	98 903	79 084,096	1 359 142,756	17,186	16,718
5	30	98 866	74 755,991	1 280 058,660	17,123	16,656
6	31	98 828	70 663,594	1 205 302,669	17,057	16,589
7	32	98 786	66 793,109	1 134 639,076	16,987	16,520
8	33	98 743	63 134,096	1 067 845,967	16,914	16,446
9	34	98 700	59 675,155	1 004 711,870	16,836	16,369
10	35	98 653	56 403,800	945 036,715	16,755	16,287
11	36	98 606	53 311,359	888 632,916	16,669	16,201
12	37	98 551	50 384,497	835 321,557	16,579	16,111
13	38	98 498	47 619,255	784 937,060	16,484	16,016
14	39	98 431	44 999,352	737 317,805	16,385	15,917
15	40	98 360	42 522,094	692 318,453	16,281	15,814
16	41	98 279	40 176,688	649 796,358	16,173	15,706
17	42	98 179	37 953,379	609 619,670	16,062	15,595
18	43	98 068	35 849,424	571 666,291	15,946	15,479
19	44	97 943	33 856,673	535 816,866	15,826	15,358
20	45	97 802	31 969,754	501 960,193	15,701	15,234
21	46	97 649	30 184,219	469 990,439	15,571	15,103
22	47	97 481	28 494,006	439 806,220	15,435	14,967
23	48	97 298	26 893,925	411 312,214	15,294	14,826
24	49	97 098	25 379,268	384 418,288	15,147	14,679
25	50	96 875	23 944,254	359 039,020	14,995	14,527
26	51	96 637	22 586,828	335 094,766	14,836	14,368
27	52	96 378	21 301,428	312 507,938	14,671	14,203
28	53	96 091	20 083,133	291 206,510	14,500	14,032
29	54	95 779	18 929,482	271 123,377	14,323	13,855
30	55	95 436	17 836,127	252 193,895	14,139	13,672
31	56	95 065	16 800,745	234 357,768	13,949	13,482
32	57	94 656	15 818,839	217 557,023	13,753	13,285
33	58	94 212	14 888,556	201 738,185	13,550	13,082
34	59	93 730	14 006,964	186 849,629	13,340	12,872
35	60	93 202	13 170,766	172 842,665	13,123	12,656
36	61	92 617	12 376,485	159 671,899	12,901	12,434
37	62	92 017	11 627,723	147 295,414	12,668	12,200
38	63	91 372	10 918,427	135 667,691	12,426	11,958
39	64	90 675	10 246,007	124 749,263	12,175	11,708
40	65	89 916	9 607,792	114 503,256	11,918	11,450
41	66	89 084	9 001,263	104 895,464	11,653	11,186
42	67	88 189	8 426,302	95 894,201	11,380	10,913
43	68	87 204	7 879,131	87 467,899	11,101	10,634
44	69	86 171	7 362,530	79 588,768	10,810	10,342
45	70	85 056	6 872,059	72 226,238	10,510	10,043
46	71	83 848	6 406,105	65 354,179	10,202	9,734
47	72	82 544	5 963,609	58 948,074	9,885	9,417
48	73	81 153	5 544,271	52 984,465	9,557	9,089
49	74	79 674	5 147,262	47 440,194	9,217	8,749
50	75	78 064	4 769,059	42 292,932	8,868	8,401
51	76	76 306	4 408,197	37 523,873	8,512	8,045
52	77	74 353	4 061,783	33 115,675	8,153	7,685
53	78	72 214	3 730,430	29 053,893	7,788	7,321
54	79	69 834	3 411,371	25 323,463	7,423	6,956
55	80	67 159	3 102,287	21 912,092	7,063	6,596
56	81	64 182	2 803,587	18 809,805	6,709	6,242
57	82	60 935	2 517,019	16 006,218	6,359	5,892
58	83	57 431	2 243,295	13 489,199	6,013	5,546
59	84	53 639	1 981,244	11 245,904	5,676	5,209
60	85	49 570	1 731,411	9 264,660	5,351	4,883
61	86	45 283	1 495,666	7 533,248	5,037	4,569
62	87	40 804	1 274,436	6 037,582	4,737	4,270
63	88	36 230	1 070,057	4 763,146	4,451	3,984
64	89	31 651	883,981	3 693,089	4,178	3,710
65	90	27 115	716,107	2 809,108	3,923	3,455
66	91	22 748	568,125	2 093,001	3,684	3,216
67	92	18 632	440,024	1 524,876	3,465	2,998
68	93	14 866	331,986	1 084,852	3,268	2,800
69	94	11 536	243,617	752,866	3,090	2,623
70	95	8 641	172,558	509,249	2,951	2,484
71	96	6 344	119,794	336,691	2,811	2,343
72	97	4 521	80,734	216,897	2,687	2,219
73	98	3 183	53,750	136,163	2,533	2,066
74	99	2 150	34,339	82,413	2,400	1,932
75	100	1 395	21,067	48,074	2,282	1,814

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	94 227,273	1 684 954,291	17,882	17,414
2	1	99 313	88 806,604	1 590 727,019	17,912	17,445
3	2	99 275	83 945,378	1 501 920,414	17,892	17,424
4	3	99 250	79 361,301	1 417 975,036	17,867	17,400
5	4	99 227	75 028,503	1 338 613,736	17,841	17,374
6	5	99 208	70 935,803	1 263 585,232	17,813	17,346
7	6	99 191	67 066,787	1 192 649,429	17,783	17,315
8	7	99 176	63 410,615	1 125 582,643	17,751	17,283
9	8	99 163	59 954,916	1 062 172,027	17,716	17,249
10	9	99 149	56 686,887	1 002 217,111	17,680	17,212
11	10	99 135	53 597,031	945 530,224	17,641	17,174
12	11	99 120	50 675,242	891 933,193	17,601	17,133
13	12	99 105	47 912,527	841 257,951	17,558	17,091
14	13	99 087	45 299,437	793 345,424	17,513	17,046
15	14	99 067	42 827,502	748 045,986	17,466	16,999
16	15	99 042	40 488,484	705 218,484	17,418	16,950
17	16	99 004	38 272,332	664 730,000	17,368	16,901
18	17	98 961	36 175,614	626 457,668	17,317	16,850
19	18	98 908	34 190,498	590 282,054	17,265	16,797
20	19	98 847	32 311,359	556 091,556	17,210	16,743
21	20	98 783	30 534,809	523 780,197	17,154	16,686
22	21	98 721	28 856,267	493 245,388	17,093	16,626
23	22	98 660	27 270,427	464 389,122	17,029	16,561
24	23	98 598	25 771,336	437 118,694	16,961	16,494
25	24	98 528	24 352,992	411 347,359	16,891	16,423
26	25	98 464	23 013,850	386 994,367	16,816	16,348
27	26	98 399	21 748,139	363 980,517	16,736	16,269
28	27	98 328	20 550,764	342 232,378	16,653	16,185
29	28	98 256	19 419,094	321 681,614	16,565	16,098
30	29	98 175	18 348,118	302 262,519	16,474	16,006
31	30	98 093	17 335,983	283 914,402	16,377	15,910
32	31	97 997	16 377,216	266 578,419	16,277	15,810
33	32	97 897	15 470,940	250 201,203	16,172	15,705
34	33	97 793	14 614,269	234 730,263	16,062	15,594
35	34	97 680	13 803,595	220 115,994	15,946	15,479
36	35	97 555	13 036,356	206 312,399	15,826	15,358
37	36	97 429	12 311,628	193 276,043	15,699	15,231
38	37	97 292	11 625,840	180 964,415	15,566	15,098
39	38	97 145	10 977,110	169 338,575	15,427	14,959
40	39	96 983	10 362,844	158 361,465	15,282	14,814
41	40	96 803	9 781,235	147 998,621	15,131	14,663
42	41	96 609	9 230,874	138 217,386	14,973	14,506
43	42	96 392	8 709,304	128 986,512	14,810	14,343
44	43	96 154	8 215,438	120 277,208	14,640	14,173
45	44	95 895	7 747,808	112 061,770	14,464	13,996
46	45	95 601	7 304,097	104 313,962	14,282	13,814
47	46	95 286	6 884,193	97 009,866	14,092	13,624
48	47	94 929	6 485,449	90 125,672	13,897	13,429
49	48	94 529	6 106,966	83 640,224	13,696	13,228
50	49	94 081	5 747,528	77 533,258	13,490	13,022
51	50	93 580	5 406,085	71 785,730	13,279	12,811
52	51	93 035	5 082,363	66 379,645	13,061	12,593
53	52	92 418	4 774,181	61 297,282	12,839	12,372
54	53	91 732	4 481,051	56 523,101	12,614	12,146
55	54	90 971	4 202,264	52 042,050	12,384	11,917
56	55	90 140	3 937,454	47 839,786	12,150	11,682
57	56	89 227	3 685,676	43 902,332	11,912	11,444
58	57	88 234	3 446,475	40 216,656	11,669	11,201
59	58	87 140	3 218,668	36 770,181	11,424	10,956
60	59	85 953	3 002,203	33 551,513	11,176	10,708
61	60	84 679	2 796,882	30 549,310	10,923	10,455
62	61	83 297	2 601,642	27 752,428	10,667	10,200
63	62	81 827	2 416,750	25 150,786	10,407	9,939
64	63	80 267	2 241,772	22 734,036	10,141	9,674
65	64	78 600	2 075,855	20 492,264	9,872	9,404
66	65	76 828	1 918,733	18 416,409	9,598	9,131
67	66	74 967	1 770,448	16 497,676	9,318	8,851
68	67	72 978	1 629,762	14 727,228	9,036	8,569
69	68	70 918	1 497,661	13 097,466	8,745	8,278
70	69	68 746	1 372,836	11 599,806	8,450	7,982
71	70	66 455	1 254,926	10 226,970	8,149	7,682
72	71	64 044	1 143,641	8 972,044	7,845	7,378
73	72	61 534	1 039,076	7 828,402	7,534	7,066
74	73	58 931	941,017	6 789,326	7,215	6,747
75	74	56 225	848,986	5 848,309	6,889	6,421
76	75	53 382	762,234	4 999,323	6,559	6,091
77	76	50 393	680,430	4 237,089	6,227	5,759
78	77	47 260	603,424	3 556,659	5,894	5,427
79	78	43 972	530,920	2 953,235	5,562	5,095
80	79	40 502	462,435	2 422,316	5,238	4,771
81	80	36 874	398,119	1 959,880	4,923	4,455
82	81	33 099	337,926	1 561,762	4,622	4,154
83	82	29 275	282,631	1 223,835	4,330	3,863
84	83	25 443	232,285	941,204	4,052	3,584
85	84	21 681	187,175	708,919	3,787	3,320
86	85	18 049	147,349	521,744	3,541	3,073
87	86	14 656	113,146	374,394	3,309	2,841
88	87	11 578	84,517	261,249	3,091	2,624
89	88	8 871	61,236	176,732	2,886	2,418
90	89	6 577	42,931	115,496	2,690	2,223
91	90	4 689	28,947	72,565	2,507	2,039
92	91	3 187	18,603	43,618	2,345	1,877
93	92	2 059	11,363	25,015	2,201	1,734
94	93	1 265	6,601	13,652	2,068	1,601
95	94	727	3,586	7,051	1,966	1,498
96	95	397	1,852	3,464	1,870	1,403
97	96	205	0,904	1,612	1,783	1,316
98	97	99	0,413	0,708	1,713	1,245
99	98	46	0,180	0,295	1,633	1,166
100	99	20	0,073	0,114	1,565	1,098

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2	0	99 618	89 079,532	1 591 784,464	17,869	17,402
3	1	99 297	83 964,779	1 502 704,932	17,897	17,429
4	2	99 262	79 370,752	1 418 740,153	17,875	17,407
5	3	99 238	75 037,443	1 339 369,401	17,849	17,382
6	4	99 217	70 942,254	1 264 331,958	17,822	17,354
7	5	99 198	67 071,817	1 193 389,704	17,793	17,325
8	6	99 182	63 414,790	1 126 317,888	17,761	17,294
9	7	99 168	59 957,872	1 062 903,098	17,727	17,260
10	8	99 155	56 690,397	1 002 945,226	17,692	17,224
11	9	99 141	53 600,499	946 254,829	17,654	17,186
12	10	99 126	50 678,245	892 654,330	17,614	17,147
13	11	99 112	47 916,096	841 976,085	17,572	17,104
14	12	99 095	45 303,021	794 059,989	17,528	17,060
15	13	99 075	42 831,174	748 756,967	17,482	17,014
16	14	99 052	40 492,733	705 925,794	17,433	16,966
17	15	99 016	38 277,121	665 433,061	17,385	16,917
18	16	98 975	36 180,719	627 155,940	17,334	16,866
19	17	98 923	34 195,505	590 975,220	17,282	16,815
20	18	98 867	32 317,940	556 779,716	17,228	16,761
21	19	98 802	30 540,704	524 461,776	17,173	16,705
22	20	98 739	28 861,611	493 921,072	17,113	16,646
23	21	98 676	27 274,943	465 059,461	17,051	16,583
24	22	98 615	25 775,796	437 784,518	16,984	16,517
25	23	98 550	24 358,277	412 008,722	16,915	16,447
26	24	98 481	23 017,754	387 650,445	16,841	16,374
27	25	98 418	21 752,195	364 632,691	16,763	16,295
28	26	98 347	20 554,763	342 880,496	16,681	16,214
29	27	98 278	19 423,337	322 325,733	16,595	16,127
30	28	98 200	18 352,695	302 902,396	16,505	16,037
31	29	98 119	17 340,470	284 549,701	16,410	15,942
32	30	98 026	16 382,080	267 209,231	16,311	15,843
33	31	97 928	15 475,880	250 827,151	16,208	15,740
34	32	97 827	14 619,343	235 351,271	16,099	15,631
35	33	97 715	13 808,511	220 731,928	15,985	15,518
36	34	97 593	13 041,457	206 923,417	15,867	15,399
37	35	97 468	12 316,585	193 881,961	15,742	15,274
38	36	97 338	11 631,293	181 565,375	15,610	15,142
39	37	97 190	10 982,164	169 934,082	15,474	15,006
40	38	97 039	10 368,917	158 951,918	15,330	14,862
41	39	96 861	9 787,065	148 583,001	15,182	14,714
42	40	96 675	9 237,144	138 795,936	15,026	14,558
43	41	96 465	8 715,953	129 558,792	14,865	14,397
44	42	96 234	8 222,261	120 842,839	14,697	14,229
45	43	95 981	7 754,786	112 620,578	14,523	14,055
46	44	95 699	7 311,555	104 865,792	14,342	13,875
47	45	95 392	6 891,857	97 554,237	14,155	13,687
48	46	95 050	6 493,694	90 662,380	13,962	13,494
49	47	94 664	6 115,733	84 168,687	13,763	13,295
50	48	94 231	5 756,736	78 052,953	13,559	13,091
51	49	93 750	5 415,895	72 296,217	13,349	12,881
52	50	93 218	5 092,399	66 880,322	13,133	12,666
53	51	92 623	4 784,749	61 787,923	12,914	12,446
54	52	91 958	4 492,081	57 003,174	12,690	12,222
55	53	91 221	4 213,781	52 511,093	12,462	11,994
56	54	90 412	3 949,340	48 297,313	12,229	11,762
57	55	89 524	3 697,929	44 347,973	11,993	11,525
58	56	88 555	3 458,993	40 650,044	11,752	11,284
59	57	87 489	3 231,570	37 191,051	11,509	11,041
60	58	86 334	3 015,503	33 959,482	11,262	10,794
61	59	85 090	2 810,456	30 943,979	11,010	10,543
62	60	83 749	2 615,744	28 133,522	10,755	10,288
63	61	82 287	2 430,348	25 517,779	10,500	10,032
64	62	80 757	2 255,478	23 087,431	10,236	9,769
65	63	79 121	2 089,614	20 831,953	9,969	9,502
66	64	77 392	1 932,818	18 742,339	9,697	9,229
67	65	75 572	1 784,747	16 809,521	9,418	8,951
68	66	73 621	1 644,124	15 024,773	9,138	8,671
69	67	71 613	1 512,322	13 380,649	8,848	8,380
70	68	69 455	1 387,004	11 868,328	8,557	8,089
71	69	67 205	1 269,105	10 481,324	8,259	7,791
72	70	64 834	1 157,747	9 212,219	7,957	7,489
73	71	62 369	1 053,179	8 054,472	7,648	7,180
74	72	59 793	954,775	7 001,294	7,333	6,865
75	73	57 109	862,337	6 046,519	7,012	6,544
76	74	54 311	775,502	5 184,182	6,685	6,217
77	75	51 373	693,657	4 408,680	6,356	5,888
78	76	48 314	616,888	3 715,024	6,022	5,555
79	77	45 074	544,227	3 098,136	5,693	5,225
80	78	41 673	475,806	2 553,909	5,368	4,900
81	79	38 130	411,672	2 078,103	5,048	4,580
82	80	34 421	351,424	1 666,431	4,742	4,274
83	81	30 624	295,659	1 315,007	4,448	3,980
84	82	26 792	244,599	1 019,349	4,167	3,700
85	83	23 018	198,717	774,750	3,899	3,431
86	84	19 350	157,968	576,033	3,647	3,179
87	85	15 883	122,614	418,065	3,410	2,942
88	86	12 707	92,764	295,451	3,185	2,717
89	87	9 869	68,130	202,686	2,975	2,507
90	88	7 430	48,500	134,556	2,774	2,307
91	89	5 396	33,307	86,056	2,584	2,116
92	90	3 740	21,833	52,748	2,416	1,948
93	91	2 472	13,647	30,916	2,265	1,798
94	92	1 557	8,125	17,269	2,125	1,658
95	93	919	4,535	9,144	2,016	1,549
96	94	519	2,422	4,609	1,903	1,436
97	95	273	1,204	2,187	1,817	1,349
98	96	136	0,566	0,983	1,738	1,270
99	97	63	0,250	0,417	1,672	1,205
100	98	28	0,105	0,168	1,599	1,131

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	84 222,826	1 503 683,075	17,854	17,386
4	1	99 285	79 389,095	1 419 460,250	17,880	17,412
5	2	99 250	75 046,380	1 340 071,154	17,857	17,389
6	3	99 229	70 950,706	1 265 024,774	17,830	17,362
7	4	99 207	67 077,916	1 194 074,068	17,801	17,334
8	5	99 190	63 419,546	1 126 996,152	17,770	17,303
9	6	99 174	59 961,819	1 063 576,606	17,738	17,270
10	7	99 160	56 693,192	1 003 614,787	17,703	17,235
11	8	99 147	53 603,818	946 921,595	17,665	17,198
12	9	99 132	50 681,525	893 317,777	17,626	17,159
13	10	99 118	47 918,935	842 636,253	17,585	17,117
14	11	99 103	45 306,396	794 717,317	17,541	17,073
15	12	99 083	42 834,562	749 410,921	17,495	17,028
16	13	99 060	40 496,204	706 576,359	17,448	16,980
17	14	99 026	38 281,138	666 080,154	17,400	16,932
18	15	98 987	36 185,246	627 799,016	17,350	16,882
19	16	98 937	34 200,330	591 613,770	17,298	16,831
20	17	98 881	32 322,672	557 413,440	17,245	16,778
21	18	98 822	30 546,925	525 090,767	17,190	16,722
22	19	98 758	28 867,183	494 543,843	17,132	16,664
23	20	98 694	27 279,994	465 676,660	17,070	16,603
24	21	98 631	25 780,064	438 396,665	17,005	16,538
25	22	98 567	24 362,493	412 616,601	16,937	16,469
26	23	98 502	23 022,749	388 254,108	16,864	16,396
27	24	98 434	21 755,884	365 231,359	16,788	16,320
28	25	98 366	20 558,597	343 475,475	16,707	16,240
29	26	98 297	19 427,117	322 916,878	16,622	16,154
30	27	98 221	18 356,705	303 489,762	16,533	16,065
31	28	98 143	17 344,796	285 133,057	16,439	15,972
32	29	98 051	16 386,321	267 788,261	16,342	15,875
33	30	97 957	15 480,477	251 401,941	16,240	15,772
34	31	97 859	14 624,010	235 921,464	16,132	15,665
35	32	97 749	13 813,305	221 297,453	16,021	15,553
36	33	97 628	13 046,102	207 484,149	15,904	15,436
37	34	97 507	12 321,405	194 438,047	15,781	15,313
38	35	97 377	11 635,976	182 116,642	15,651	15,184
39	36	97 236	10 987,316	170 480,666	15,516	15,049
40	37	97 084	10 373,691	159 493,350	15,375	14,907
41	38	96 918	9 792,800	149 119,659	15,227	14,760
42	39	96 732	9 242,649	139 326,859	15,074	14,607
43	40	96 531	8 721,872	130 084,209	14,915	14,447
44	41	96 307	8 228,538	121 362,337	14,749	14,281
45	42	96 061	7 761,227	113 133,799	14,577	14,109
46	43	95 785	7 318,140	105 372,572	14,399	13,931
47	44	95 490	6 898,894	98 054,431	14,213	13,745
48	45	95 155	6 500,923	91 155,537	14,022	13,554
49	46	94 785	6 123,508	84 654,615	13,825	13,357
50	47	94 367	5 765,000	78 531,106	13,622	13,154
51	48	93 900	5 424,572	72 766,106	13,414	12,947
52	49	93 388	5 101,640	67 341,534	13,200	12,732
53	50	92 806	4 794,197	62 239,894	12,982	12,515
54	51	92 161	4 502,025	57 445,697	12,760	12,292
55	52	91 445	4 224,152	52 943,672	12,534	12,066
56	53	90 660	3 960,164	48 719,520	12,302	11,835
57	54	89 794	3 709,092	44 759,356	12,067	11,600
58	55	88 849	3 470,492	41 050,264	11,828	11,361
59	56	87 807	3 243,307	37 579,772	11,587	11,119
60	57	86 680	3 027,590	34 336,466	11,341	10,874
61	58	85 467	2 822,907	31 308,876	11,091	10,623
62	59	84 155	2 628,439	28 485,969	10,838	10,370
63	60	82 733	2 443,521	25 857,530	10,582	10,115
64	61	81 212	2 268,168	23 414,009	10,323	9,855
65	62	79 604	2 102,389	21 145,840	10,058	9,590
66	63	77 905	1 945,629	19 043,451	9,788	9,320
67	64	76 127	1 797,849	17 097,822	9,510	9,043
68	65	74 215	1 657,403	15 299,973	9,231	8,764
69	66	72 244	1 525,649	13 642,570	8,942	8,475
70	67	70 135	1 400,582	12 116,921	8,651	8,184
71	68	67 899	1 282,202	10 716,339	8,358	7,890
72	69	65 566	1 170,827	9 434,137	8,058	7,590
73	70	63 138	1 066,168	8 263,309	7,750	7,283
74	71	60 604	967,733	7 197,141	7,437	6,970
75	72	57 944	874,945	6 229,408	7,120	6,652
76	73	55 166	787,697	5 354,464	6,798	6,330
77	74	52 267	705,730	4 566,766	6,471	6,003
78	75	49 253	628,879	3 861,036	6,140	5,672
79	76	46 080	556,370	3 232,157	5,809	5,342
80	77	42 718	487,732	2 675,786	5,486	5,019
81	78	39 232	423,575	2 188,055	5,166	4,698
82	79	35 593	363,388	1 764,480	4,856	4,388
83	80	31 847	307,468	1 401,092	4,557	4,089
84	81	28 027	255,873	1 093,624	4,274	3,807
85	82	24 238	209,251	837,751	4,004	3,536
86	83	20 543	167,709	628,500	3,748	3,280
87	84	17 028	131,450	460,791	3,505	3,038
88	85	13 771	100,527	329,341	3,276	2,809
89	86	10 833	74,779	228,814	3,060	2,592
90	87	8 266	53,960	154,035	2,855	2,387
91	88	6 096	37,628	100,074	2,660	2,192
92	89	4 304	25,121	62,446	2,486	2,018
93	90	2 902	16,016	37,325	2,330	1,863
94	91	1 869	9,758	21,309	2,184	1,716
95	92	1 131	5,582	11,551	2,069	1,602
96	93	656	3,062	5,969	1,949	1,482
97	94	357	1,574	2,907	1,847	1,379
98	95	181	0,754	1,333	1,768	1,301
99	96	87	0,342	0,579	1,695	1,227
100	97	39	0,145	0,237	1,635	1,167

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	79 633,080	1 420 364,735	17,836	17,369
5	1	99 273	75 063,724	1 340 731,655	17,861	17,394
6	2	99 241	70 959,156	1 265 667,931	17,837	17,369
7	3	99 219	67 085,909	1 194 708,775	17,809	17,341
8	4	99 199	63 425,313	1 127 622,866	17,779	17,311
9	5	99 182	59 966,316	1 064 197,553	17,747	17,279
10	6	99 166	56 696,924	1 004 231,237	17,712	17,245
11	7	99 152	53 606,460	947 534,313	17,676	17,208
12	8	99 138	50 684,663	893 927,853	17,637	17,169
13	9	99 124	47 922,036	843 243,190	17,596	17,129
14	10	99 108	45 309,081	795 321,154	17,553	17,086
15	11	99 091	42 837,753	750 012,073	17,508	17,041
16	12	99 068	40 499,408	707 174,320	17,461	16,994
17	13	99 035	38 284,420	666 674,911	17,414	16,946
18	14	98 997	36 189,044	628 390,492	17,364	16,897
19	15	98 949	34 204,609	592 201,448	17,313	16,846
20	16	98 895	32 327,234	557 996,838	17,261	16,793
21	17	98 837	30 551,398	525 669,605	17,206	16,738
22	18	98 778	28 873,063	495 118,207	17,148	16,681
23	19	98 714	27 285,261	466 245,144	17,088	16,620
24	20	98 649	25 784,839	438 959,883	17,024	16,556
25	21	98 583	24 366,527	413 175,044	16,957	16,489
26	22	98 519	23 026,734	388 808,517	16,885	16,418
27	23	98 456	21 760,606	365 781,783	16,809	16,342
28	24	98 382	20 562,084	344 021,178	16,731	16,263
29	25	98 315	19 430,740	323 459,094	16,647	16,179
30	26	98 240	18 360,277	304 028,354	16,559	16,091
31	27	98 165	17 348,585	285 668,077	16,466	15,999
32	28	98 076	16 390,408	268 319,492	16,371	15,903
33	29	97 983	15 484,484	251 929,084	16,270	15,802
34	30	97 888	14 628,354	236 444,600	16,163	15,696
35	31	97 780	13 817,715	221 816,246	16,053	15,585
36	32	97 662	13 050,631	207 998,531	15,938	15,470
37	33	97 541	12 325,793	194 947,900	15,816	15,349
38	34	97 415	11 640,529	182 622,106	15,688	15,221
39	35	97 275	10 991,740	170 981,577	15,555	15,088
40	36	97 130	10 378,557	159 989,838	15,415	14,948
41	37	96 962	9 797,309	149 611,281	15,271	14,803
42	38	96 789	9 248,066	139 813,971	15,118	14,651
43	39	96 588	8 727,071	130 565,906	14,961	14,493
44	40	96 373	8 234,127	121 838,835	14,797	14,329
45	41	96 134	7 767,152	113 604,708	14,626	14,159
46	42	95 865	7 324,218	105 837,556	14,450	13,983
47	43	95 576	6 905,108	98 513,338	14,267	13,799
48	44	95 252	6 507,561	91 608,229	14,077	13,610
49	45	94 890	6 130,325	85 100,669	13,882	13,414
50	46	94 487	5 772,330	78 970,344	13,681	13,213
51	47	94 035	5 432,360	73 198,014	13,474	13,007
52	48	93 537	5 109,814	67 765,654	13,262	12,794
53	49	92 974	4 802,897	62 655,841	13,045	12,578
54	50	92 343	4 510,914	57 852,943	12,825	12,358
55	51	91 647	4 233,503	53 342,029	12,600	12,132
56	52	90 883	3 969,911	49 108,526	12,370	11,903
57	53	90 040	3 719,257	45 138,615	12,136	11,669
58	54	89 117	3 480,968	41 419,358	11,899	11,431
59	55	88 099	3 254,089	37 938,390	11,659	11,191
60	56	86 995	3 038,586	34 684,301	11,415	10,947
61	57	85 810	2 834,222	31 645,715	11,166	10,698
62	58	84 528	2 640,083	28 811,493	10,913	10,446
63	59	83 135	2 455,381	26 171,409	10,659	10,191
64	60	81 652	2 280,462	23 716,029	10,400	9,932
65	61	80 052	2 114,219	21 435,566	10,139	9,671
66	62	78 381	1 957,524	19 321,348	9,870	9,403
67	63	76 632	1 809,765	17 363,824	9,595	9,127
68	64	74 760	1 669,570	15 554,059	9,316	8,849
69	65	72 827	1 537,971	13 884,488	9,028	8,560
70	66	70 753	1 412,924	12 346,517	8,738	8,271
71	67	68 564	1 294,754	10 933,593	8,445	7,977
72	68	66 243	1 182,911	9 638,839	8,148	7,681
73	69	63 852	1 078,214	8 455,928	7,843	7,375
74	70	61 352	979,669	7 377,714	7,531	7,063
75	71	58 730	886,819	6 398,045	7,215	6,747
76	72	55 972	799,213	5 511,226	6,896	6,428
77	73	53 089	716,829	4 712,012	6,573	6,106
78	74	50 111	639,826	3 995,183	6,244	5,777
79	75	46 976	567,185	3 355,358	5,916	5,448
80	76	43 671	498,614	2 788,173	5,592	5,124
81	77	40 215	434,192	2 289,558	5,273	4,806
82	78	36 622	373,894	1 855,367	4,962	4,495
83	79	32 931	317,935	1 481,472	4,660	4,192
84	80	29 146	266,093	1 163,537	4,373	3,905
85	81	25 355	218,896	897,444	4,100	3,632
86	82	21 632	176,599	678,547	3,842	3,375
87	83	18 078	139,556	501,948	3,597	3,129
88	84	14 763	107,772	362,392	3,363	2,895
89	85	11 739	81,037	254,621	3,142	2,674
90	86	9 073	59,226	173,584	2,931	2,463
91	87	6 782	41,864	114,358	2,732	2,264
92	88	4 862	28,380	72,494	2,554	2,087
93	89	3 339	18,429	44,114	2,394	1,926
94	90	2 194	11,452	25,685	2,243	1,775
95	91	1 358	6,704	14,233	2,123	1,656
96	92	808	3,769	7,529	1,998	1,530
97	93	451	1,991	3,760	1,889	1,421
98	94	236	0,985	1,769	1,796	1,328
99	95	115	0,455	0,784	1,723	1,256
100	96	53	0,199	0,329	1,655	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	75 294,415	1 341 567,824	17,818	17,350
6	1	99 264	70 975,556	1 266 273,409	17,841	17,373
7	2	99 231	67 093,898	1 195 297,854	17,815	17,348
8	3	99 210	63 432,870	1 128 203,955	17,786	17,318
9	4	99 191	59 971,769	1 064 771,085	17,755	17,287
10	5	99 174	56 701,176	1 004 799,316	17,721	17,253
11	6	99 158	53 609,989	948 098,139	17,685	17,218
12	7	99 143	50 687,161	894 488,150	17,647	17,180
13	8	99 130	47 925,003	843 800,989	17,607	17,139
14	9	99 115	45 312,013	795 875,985	17,564	17,097
15	10	99 096	42 840,292	750 563,973	17,520	17,052
16	11	99 076	40 502,425	707 723,681	17,474	17,006
17	12	99 043	38 287,449	667 221,256	17,427	16,959
18	13	99 006	36 192,146	628 933,807	17,378	16,910
19	14	98 959	34 208,199	592 741,661	17,327	16,860
20	15	98 908	32 331,279	558 533,462	17,275	16,808
21	16	98 851	30 555,709	526 202,183	17,221	16,753
22	17	98 793	28 877,291	495 646,474	17,164	16,696
23	18	98 734	27 290,819	466 769,183	17,104	16,636
24	19	98 668	25 789,817	439 478,364	17,041	16,573
25	20	98 601	24 371,040	413 688,547	16,975	16,507
26	21	98 536	23 030,547	389 317,508	16,904	16,437
27	22	98 473	21 764,372	366 286,961	16,830	16,362
28	23	98 404	20 566,546	344 522,589	16,752	16,284
29	24	98 332	19 434,035	323 956,043	16,670	16,202
30	25	98 259	18 363,701	304 522,008	16,583	16,115
31	26	98 184	17 351,962	286 158,307	16,491	16,024
32	27	98 097	16 393,989	268 806,345	16,397	15,929
33	28	98 007	15 488,346	252 412,356	16,297	15,829
34	29	97 913	14 632,141	236 924,009	16,192	15,724
35	30	97 809	13 821,820	222 291,869	16,083	15,615
36	31	97 693	13 054,798	208 470,049	15,969	15,501
37	32	97 575	12 330,072	195 415,251	15,849	15,381
38	33	97 450	11 644,675	183 085,179	15,723	15,255
39	34	97 313	10 996,040	171 440,504	15,591	15,124
40	35	97 169	10 382,736	160 444,463	15,453	14,985
41	36	97 008	9 801,905	150 061,728	15,309	14,842
42	37	96 834	9 252,324	140 259,823	15,159	14,692
43	38	96 645	8 732,185	131 007,499	15,003	14,535
44	39	96 430	8 239,035	122 275,314	14,841	14,373
45	40	96 200	7 772,427	114 036,279	14,672	14,204
46	41	95 938	7 329,810	106 263,852	14,497	14,030
47	42	95 655	6 910,843	98 934,042	14,316	13,848
48	43	95 338	6 513,422	92 023,199	14,128	13,661
49	44	94 987	6 136,585	85 509,777	13,934	13,467
50	45	94 592	5 778,755	79 373,192	13,735	13,268
51	46	94 154	5 439,266	73 594,437	13,530	13,063
52	47	93 672	5 117,149	68 155,171	13,319	12,851
53	48	93 123	4 810,592	63 038,021	13,104	12,636
54	49	92 511	4 519,100	58 227,429	12,885	12,417
55	50	91 828	4 241,862	53 708,329	12,661	12,194
56	51	91 084	3 978,699	49 466,466	12,433	11,965
57	52	90 262	3 728,411	45 487,767	12,200	11,733
58	53	89 362	3 490,508	41 759,356	11,964	11,496
59	54	88 365	3 263,912	38 268,848	11,725	11,257
60	55	87 284	3 048,688	35 004,936	11,482	11,014
61	56	86 121	2 844,516	31 956,248	11,234	10,767
62	57	84 867	2 650,666	29 111,732	10,983	10,515
63	58	83 503	2 466,258	26 461,066	10,729	10,262
64	59	82 048	2 291,531	23 994,808	10,471	10,004
65	60	80 486	2 125,678	21 703,278	10,210	9,742
66	61	78 822	1 968,539	19 577,600	9,945	9,478
67	62	77 100	1 820,830	17 609,061	9,671	9,203
68	63	75 256	1 680,636	15 788,232	9,394	8,927
69	64	73 362	1 549,261	14 107,595	9,106	8,638
70	65	71 325	1 424,336	12 558,334	8,817	8,349
71	66	69 168	1 306,164	11 133,998	8,524	8,057
72	67	66 891	1 194,490	9 827,834	8,228	7,760
73	68	64 511	1 089,342	8 633,344	7,925	7,458
74	69	62 045	990,738	7 544,002	7,615	7,147
75	70	59 455	897,757	6 553,264	7,300	6,832
76	71	56 732	810,060	5 655,507	6,982	6,514
77	72	53 865	727,309	4 845,447	6,662	6,195
78	73	50 899	649,888	4 118,138	6,337	5,869
79	74	47 794	577,058	3 468,250	6,010	5,543
80	75	44 520	508,307	2 891,192	5,688	5,220
81	76	41 113	443,880	2 382,886	5,368	4,901
82	77	37 540	383,266	1 939,006	5,059	4,592
83	78	33 884	327,128	1 555,740	4,756	4,288
84	79	30 139	275,152	1 228,613	4,465	3,998
85	80	26 368	227,639	953,460	4,188	3,721
86	81	22 629	184,739	725,821	3,929	3,461
87	82	19 036	146,954	541,082	3,682	3,214
88	83	15 673	114,417	394,128	3,445	2,977
89	84	12 585	86,876	279,710	3,220	2,752
90	85	9 832	64,182	192,834	3,004	2,537
91	86	7 444	45,950	128,652	2,800	2,332
92	87	5 409	31,575	82,702	2,619	2,152
93	88	3 772	20,819	51,127	2,456	1,988
94	89	2 525	13,177	30,308	2,300	1,832
95	90	1 594	7,868	17,130	2,177	1,710
96	91	970	4,527	9,263	2,046	1,579
97	92	555	2,450	4,736	1,933	1,465
98	93	299	1,246	2,286	1,835	1,367
99	94	151	0,595	1,040	1,748	1,281
100	95	71	0,265	0,445	1,682	1,214

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	71 193,683	1 267 046,304	17,797	17,330
7	1	99 254	67 109,404	1 195 852,621	17,819	17,352
8	2	99 222	63 440,425	1 128 743,217	17,792	17,325
9	3	99 202	59 978,915	1 065 302,792	17,761	17,294
10	4	99 183	56 706,333	1 005 323,877	17,729	17,261
11	5	99 166	53 614,010	948 617,545	17,693	17,226
12	6	99 150	50 690,498	895 003,535	17,656	17,189
13	7	99 135	47 927,366	844 313,036	17,617	17,149
14	8	99 121	45 314,818	796 385,670	17,575	17,107
15	9	99 103	42 843,064	751 070,852	17,531	17,063
16	10	99 082	40 504,825	708 227,788	17,485	17,017
17	11	99 050	38 290,301	667 722,963	17,438	16,971
18	12	99 014	36 195,010	629 432,662	17,390	16,922
19	13	98 968	34 211,132	593 237,652	17,340	16,873
20	14	98 918	32 334,672	559 026,521	17,289	16,821
21	15	98 863	30 559,532	526 691,849	17,235	16,767
22	16	98 807	28 881,366	496 132,317	17,178	16,711
23	17	98 748	27 294,815	467 250,950	17,119	16,651
24	18	98 688	25 795,070	439 956,135	17,056	16,588
25	19	98 621	24 375,745	414 161,066	16,991	16,523
26	20	98 554	23 034,812	389 785,321	16,922	16,454
27	21	98 489	21 767,976	366 750,509	16,848	16,381
28	22	98 421	20 570,106	344 982,533	16,771	16,303
29	23	98 353	19 438,253	324 412,427	16,689	16,222
30	24	98 275	18 366,816	304 974,174	16,605	16,137
31	25	98 202	17 355,198	286 607,359	16,514	16,047
32	26	98 116	16 397,180	269 252,161	16,421	15,953
33	27	98 028	15 491,730	252 854,981	16,322	15,854
34	28	97 937	14 635,791	237 363,251	16,218	15,750
35	29	97 834	13 825,397	222 727,461	16,110	15,642
36	30	97 722	13 058,676	208 902,063	15,997	15,530
37	31	97 606	12 334,009	195 843,388	15,878	15,411
38	32	97 484	11 648,718	183 509,378	15,754	15,286
39	33	97 348	10 999,957	171 860,660	15,624	15,156
40	34	97 207	10 386,798	160 860,704	15,487	15,019
41	35	97 047	9 805,851	150 473,905	15,345	14,878
42	36	96 879	9 256,664	140 668,054	15,196	14,729
43	37	96 689	8 736,206	131 411,390	15,042	14,575
44	38	96 487	8 243,863	122 675,184	14,881	14,413
45	39	96 257	7 777,060	114 431,321	14,714	14,246
46	40	96 003	7 334,788	106 654,261	14,541	14,073
47	41	95 728	6 916,119	99 319,473	14,361	13,893
48	42	95 417	6 518,832	92 403,355	14,175	13,707
49	43	95 073	6 142,112	85 884,523	13,983	13,515
50	44	94 688	5 784,656	79 742,411	13,785	13,318
51	45	94 259	5 445,321	73 957,755	13,582	13,114
52	46	93 791	5 123,655	68 512,434	13,372	12,904
53	47	93 257	4 817,498	63 388,779	13,158	12,690
54	48	92 659	4 526,340	58 571,280	12,940	12,473
55	49	91 995	4 249,560	54 044,940	12,718	12,250
56	50	91 264	3 986,555	49 795,380	12,491	12,023
57	51	90 462	3 736,665	45 808,824	12,259	11,792
58	52	89 581	3 499,099	42 072,159	12,024	11,556
59	53	88 607	3 272,857	38 573,060	11,786	11,318
60	54	87 548	3 057,891	35 300,203	11,544	11,076
61	55	86 408	2 853,972	32 242,312	11,297	10,830
62	56	85 175	2 660,293	29 388,340	11,047	10,579
63	57	83 838	2 476,144	26 728,047	10,794	10,327
64	58	82 412	2 301,682	24 251,903	10,537	10,069
65	59	80 877	2 135,995	21 950,221	10,276	9,809
66	60	79 249	1 979,208	19 814,226	10,011	9,544
67	61	77 534	1 831,075	17 835,017	9,740	9,273
68	62	75 716	1 690,911	16 003,943	9,465	8,997
69	63	73 848	1 559,530	14 313,032	9,178	8,710
70	64	71 848	1 434,792	12 753,502	8,889	8,421
71	65	69 727	1 316,714	11 318,710	8,596	8,129
72	66	67 481	1 205,017	10 001,996	8,300	7,833
73	67	65 142	1 100,006	8 796,979	7,997	7,530
74	68	62 685	1 000,962	7 696,974	7,690	7,222
75	69	60 127	907,900	6 696,012	7,375	6,908
76	70	57 431	820,051	5 788,111	7,058	6,591
77	71	54 596	737,180	4 968,060	6,739	6,272
78	72	51 643	659,389	4 230,880	6,416	5,949
79	73	48 545	586,133	3 571,490	6,093	5,626
80	74	45 295	517,154	2 985,358	5,773	5,305
81	75	41 912	452,508	2 468,204	5,454	4,987
82	76	38 377	391,818	2 015,696	5,144	4,677
83	77	34 733	335,327	1 623,878	4,843	4,375
84	78	31 010	283,108	1 288,551	4,551	4,084
85	79	27 266	235,389	1 005,443	4,271	3,804
86	80	23 533	192,118	770,054	4,008	3,541
87	81	19 913	153,727	577,936	3,759	3,292
88	82	16 504	120,483	424,209	3,521	3,053
89	83	13 361	92,234	303,726	3,293	2,825
90	84	10 541	68,807	211,492	3,074	2,606
91	85	8 067	49,795	142,685	2,865	2,398
92	86	5 937	34,656	92,890	2,680	2,213
93	87	4 196	23,163	58,234	2,514	2,046
94	88	2 852	14,887	35,071	2,356	1,888
95	89	1 834	9,053	20,184	2,230	1,762
96	90	1 138	5,313	11,131	2,095	1,628
97	91	667	2,942	5,818	1,977	1,510
98	92	367	1,534	2,876	1,875	1,408
99	93	191	0,752	1,342	1,784	1,317
100	94	93	0,346	0,590	1,705	1,237

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	67 315,650	1 196 566,975	17,775	17,308
8	1	99 245	63 455,086	1 129 251,325	17,796	17,328
9	2	99 214	59 986,058	1 065 796,239	17,767	17,300
10	3	99 194	56 713,089	1 005 810,180	17,735	17,267
11	4	99 175	53 618,886	949 097,091	17,701	17,233
12	5	99 157	50 694,300	895 478,205	17,664	17,197
13	6	99 142	47 930,521	844 783,905	17,625	17,158
14	7	99 126	45 317,052	796 853,384	17,584	17,116
15	8	99 109	42 845,717	751 536,332	17,541	17,073
16	9	99 088	40 507,446	708 690,616	17,495	17,028
17	10	99 056	38 292,570	668 183,169	17,449	16,982
18	11	99 021	36 197,706	629 890,599	17,401	16,934
19	12	98 976	34 213,839	593 692,894	17,352	16,885
20	13	98 927	32 337,444	559 479,055	17,301	16,834
21	14	98 874	30 562,740	527 141,611	17,248	16,780
22	15	98 819	28 884,980	496 578,872	17,192	16,724
23	16	98 762	27 298,667	467 693,892	17,132	16,665
24	17	98 703	25 798,847	440 395,225	17,070	16,603
25	18	98 641	24 380,710	414 596,378	17,005	16,538
26	19	98 573	23 039,259	390 215,668	16,937	16,469
27	20	98 507	21 772,007	367 176,409	16,865	16,397
28	21	98 437	20 573,512	345 404,402	16,789	16,321
29	22	98 370	19 441,617	324 830,890	16,708	16,240
30	23	98 297	18 370,802	305 389,273	16,624	16,156
31	24	98 219	17 358,141	287 018,471	16,535	16,068
32	25	98 135	16 400,238	269 660,330	16,442	15,975
33	26	98 048	15 494,745	253 260,092	16,345	15,877
34	27	97 959	14 638,988	237 765,347	16,242	15,774
35	28	97 859	13 828,846	223 126,359	16,135	15,667
36	29	97 747	13 062,056	209 297,513	16,023	15,556
37	30	97 635	12 337,673	196 235,457	15,905	15,438
38	31	97 515	11 652,437	183 897,784	15,782	15,314
39	32	97 381	11 003,776	172 245,347	15,653	15,186
40	33	97 241	10 390,498	161 241,571	15,518	15,051
41	34	97 085	9 809,688	150 851,073	15,378	14,910
42	35	96 918	9 260,391	141 041,385	15,231	14,763
43	36	96 735	8 740,304	131 780,994	15,077	14,610
44	37	96 531	8 247,659	123 040,691	14,918	14,451
45	38	96 313	7 781,617	114 793,032	14,752	14,284
46	39	96 060	7 339,160	107 011,415	14,581	14,113
47	40	95 793	6 920,816	99 672,255	14,402	13,934
48	41	95 490	6 523,808	92 751,439	14,217	13,750
49	42	95 152	6 147,213	86 227,630	14,027	13,560
50	43	94 774	5 789,866	80 080,417	13,831	13,364
51	44	94 355	5 450,881	74 290,551	13,629	13,162
52	45	93 895	5 129,359	68 839,670	13,421	12,953
53	46	93 376	4 823,623	63 710,311	13,208	12,740
54	47	92 792	4 532,839	58 886,688	12,991	12,524
55	48	92 142	4 256,369	54 353,849	12,770	12,302
56	49	91 429	3 993,790	50 097,481	12,544	12,076
57	50	90 640	3 744,043	46 103,691	12,314	11,846
58	51	89 780	3 506,845	42 359,648	12,079	11,612
59	52	88 825	3 280,913	38 852,802	11,842	11,374
60	53	87 788	3 066,271	35 571,889	11,601	11,133
61	54	86 669	2 862,588	32 505,618	11,355	10,888
62	55	85 458	2 669,137	29 643,031	11,106	10,638
63	56	84 142	2 485,137	26 973,894	10,854	10,387
64	57	82 742	2 310,908	24 488,757	10,597	10,129
65	58	81 235	2 145,458	22 177,849	10,337	9,870
66	59	79 634	1 988,814	20 032,391	10,073	9,605
67	60	77 954	1 840,999	18 043,577	9,801	9,333
68	61	76 142	1 700,425	16 202,577	9,529	9,061
69	62	74 300	1 569,065	14 502,152	9,243	8,775
70	63	72 324	1 444,302	12 933,087	8,955	8,487
71	64	70 238	1 326,380	11 488,786	8,662	8,194
72	65	68 026	1 214,750	10 162,406	8,366	7,898
73	66	65 716	1 109,699	8 947,656	8,063	7,596
74	67	63 299	1 010,761	7 837,957	7,755	7,287
75	68	60 747	917,270	6 827,196	7,443	6,975
76	69	58 080	829,317	5 909,926	7,126	6,659
77	70	55 270	746,272	5 080,609	6,808	6,340
78	71	52 344	668,338	4 334,337	6,485	6,018
79	72	49 255	594,702	3 665,999	6,164	5,697
80	73	46 007	525,287	3 071,297	5,847	5,379
81	74	42 641	460,385	2 546,010	5,530	5,063
82	75	39 123	399,434	2 085,625	5,221	4,754
83	76	35 508	342,809	1 686,191	4,919	4,451
84	77	31 787	290,204	1 343,382	4,629	4,162
85	78	28 054	242,195	1 053,178	4,348	3,881
86	79	24 334	198,659	810,983	4,082	3,615
87	80	20 709	159,868	612,325	3,830	3,363
88	81	17 265	126,036	452,457	3,590	3,122
89	82	14 069	97,123	326,421	3,361	2,893
90	83	11 191	73,050	229,298	3,139	2,671
91	84	8 648	53,383	156,248	2,927	2,459
92	85	6 434	37,557	102,865	2,739	2,271
93	86	4 606	25,423	65,308	2,569	2,101
94	87	3 173	16,563	39,885	2,408	1,941
95	88	2 072	10,227	23,322	2,280	1,813
96	89	1 310	6,113	13,095	2,142	1,675
97	90	782	3,453	6,982	2,022	1,554
98	91	441	1,842	3,528	1,916	1,448
99	92	235	0,926	1,687	1,822	1,354
100	93	117	0,438	0,761	1,738	1,270

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	63 650,101	1 129 911,574	17,752	17,284
9	1	99 237	59 999,922	1 066 261,473	17,771	17,303
10	2	99 206	56 719,843	1 006 261,551	17,741	17,273
11	3	99 187	53 625,274	949 541,707	17,707	17,239
12	4	99 166	50 698,910	895 916,433	17,671	17,204
13	5	99 149	47 934,116	845 217,523	17,633	17,165
14	6	99 132	45 320,035	797 283,407	17,592	17,125
15	7	99 114	42 847,829	751 963,372	17,550	17,082
16	8	99 094	40 509,954	709 115,543	17,505	17,037
17	9	99 062	38 295,048	668 605,588	17,459	16,992
18	10	99 027	36 199,851	630 310,541	17,412	16,944
19	11	98 983	34 216,387	594 110,690	17,363	16,896
20	12	98 934	32 340,002	559 894,303	17,313	16,845
21	13	98 882	30 565,360	527 554,301	17,260	16,792
22	14	98 829	28 888,011	496 988,941	17,204	16,736
23	15	98 774	27 302,082	468 100,930	17,145	16,678
24	16	98 717	25 802,488	440 798,847	17,084	16,616
25	17	98 655	24 384,280	414 996,359	17,019	16,551
26	18	98 593	23 043,952	390 612,079	16,951	16,483
27	19	98 526	21 776,211	367 568,127	16,879	16,412
28	20	98 455	20 577,322	345 791,917	16,805	16,337
29	21	98 386	19 444,837	325 214,595	16,725	16,257
30	22	98 314	18 373,981	305 769,758	16,641	16,174
31	23	98 240	17 361,908	287 395,777	16,553	16,086
32	24	98 151	16 403,019	270 033,869	16,462	15,995
33	25	98 066	15 497,635	253 630,850	16,366	15,898
34	26	97 978	14 641,837	238 133,215	16,264	15,796
35	27	97 880	13 831,868	223 491,378	16,158	15,690
36	28	97 772	13 065,314	209 659,510	16,047	15,579
37	29	97 661	12 340,866	196 594,196	15,930	15,463
38	30	97 544	11 655,898	184 253,330	15,808	15,340
39	31	97 413	11 007,289	172 597,431	15,680	15,213
40	32	97 275	10 394,105	161 590,142	15,546	15,079
41	33	97 119	9 813,182	151 196,037	15,407	14,940
42	34	96 956	9 264,014	141 382,855	15,262	14,794
43	35	96 774	8 743,823	132 118,841	15,110	14,642
44	36	96 576	8 251,527	123 375,018	14,952	14,484
45	37	96 358	7 785,200	115 123,490	14,787	14,320
46	38	96 117	7 343,461	107 338,290	14,617	14,149
47	39	95 850	6 924,941	99 994,829	14,440	13,972
48	40	95 555	6 528,239	93 069,888	14,257	13,789
49	41	95 224	6 151,906	86 541,649	14,067	13,600
50	42	94 852	5 794,675	80 389,743	13,873	13,405
51	43	94 440	5 455,791	74 595,068	13,673	13,205
52	44	93 991	5 134,596	69 139,277	13,465	12,998
53	45	93 480	4 828,993	64 004,681	13,254	12,787
54	46	92 910	4 538,601	59 175,688	13,038	12,571
55	47	92 275	4 262,479	54 637,087	12,818	12,351
56	48	91 576	4 000,188	50 374,608	12,593	12,125
57	49	90 805	3 750,838	46 374,419	12,364	11,896
58	50	89 957	3 513,770	42 623,582	12,130	11,663
59	51	89 022	3 288,176	39 109,812	11,894	11,426
60	52	88 004	3 073,818	35 821,636	11,654	11,186
61	53	86 906	2 870,433	32 747,818	11,409	10,941
62	54	85 716	2 677,194	29 877,385	11,160	10,692
63	55	84 422	2 493,399	27 200,191	10,909	10,441
64	56	83 043	2 319,301	24 706,792	10,653	10,185
65	57	81 561	2 154,057	22 387,491	10,393	9,926
66	58	79 987	1 997,625	20 233,433	10,129	9,661
67	59	78 332	1 849,935	18 235,808	9,858	9,390
68	60	76 555	1 709,642	16 385,874	9,584	9,117
69	61	74 718	1 577,893	14 676,232	9,301	8,834
70	62	72 766	1 453,132	13 098,339	9,014	8,546
71	63	70 704	1 335,171	11 645,207	8,722	8,254
72	64	68 525	1 223,667	10 310,036	8,426	7,958
73	65	66 247	1 118,662	9 086,369	8,123	7,655
74	66	63 857	1 019,668	7 967,707	7,814	7,346
75	67	61 342	926,250	6 948,039	7,501	7,034
76	68	58 680	837,875	6 021,789	7,187	6,719
77	69	55 894	754,704	5 183,914	6,869	6,401
78	70	52 989	676,581	4 429,210	6,546	6,079
79	71	49 923	602,773	3 752,628	6,226	5,758
80	72	46 680	532,967	3 149,855	5,910	5,442
81	73	43 312	467,625	2 616,888	5,596	5,129
82	74	39 804	406,386	2 149,263	5,289	4,821
83	75	36 198	349,473	1 742,877	4,987	4,520
84	76	32 497	296,679	1 393,404	4,697	4,229
85	77	28 757	248,265	1 096,725	4,418	3,950
86	78	25 038	204,402	848,460	4,151	3,683
87	79	21 414	165,310	644,057	3,896	3,428
88	80	17 955	131,070	478,747	3,653	3,185
89	81	14 718	101,600	347,677	3,422	2,954
90	82	11 784	76,923	246,077	3,199	2,731
91	83	9 181	56,675	169,154	2,985	2,517
92	84	6 898	40,263	112,479	2,794	2,326
93	85	4 991	27,551	72,216	2,621	2,154
94	86	3 483	18,179	44,665	2,457	1,989
95	87	2 305	11,379	26,486	2,328	1,860
96	88	1 480	6,906	15,108	2,188	1,720
97	89	900	3,973	8,202	2,064	1,597
98	90	518	2,162	4,228	1,956	1,488
99	91	282	1,112	2,067	1,859	1,391
100	92	144	0,539	0,955	1,772	1,305

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	60 184,318	1 066 871,753	17,727	17,259
10	1	99 229	56 732,952	1 006 687,435	17,744	17,277
11	2	99 199	53 631,661	949 954,483	17,713	17,245
12	3	99 178	50 704,951	896 322,822	17,677	17,210
13	4	99 158	47 938,475	845 617,872	17,640	17,172
14	5	99 140	45 323,434	797 679,397	17,600	17,132
15	6	99 120	42 850,649	752 355,962	17,558	17,090
16	7	99 099	40 511,951	709 505,313	17,513	17,046
17	8	99 069	38 297,419	668 993,361	17,468	17,001
18	9	99 033	36 202,193	630 695,942	17,421	16,954
19	10	98 989	34 218,415	594 493,749	17,374	16,906
20	11	98 942	32 342,411	560 275,334	17,323	16,856
21	12	98 890	30 567,778	527 932,923	17,271	16,803
22	13	98 838	28 890,488	497 365,145	17,216	16,748
23	14	98 785	27 304,948	468 474,657	17,157	16,690
24	15	98 729	25 805,716	441 169,710	17,096	16,628
25	16	98 669	24 387,721	415 363,993	17,032	16,564
26	17	98 608	23 047,326	390 976,272	16,964	16,496
27	18	98 546	21 780,646	367 928,946	16,892	16,425
28	19	98 474	20 581,295	346 148,300	16,819	16,351
29	20	98 405	19 448,438	325 567,005	16,740	16,272
30	21	98 330	18 377,024	306 118,567	16,658	16,190
31	22	98 257	17 364,913	287 741,543	16,570	16,103
32	23	98 173	16 406,579	270 376,630	16,480	16,012
33	24	98 082	15 500,263	253 970,051	16,385	15,917
34	25	97 996	14 644,568	238 469,788	16,284	15,816
35	26	97 899	13 834,559	223 825,220	16,179	15,711
36	27	97 793	13 068,169	209 990,661	16,069	15,601
37	28	97 685	12 343,945	196 922,492	15,953	15,485
38	29	97 569	11 658,915	184 578,547	15,832	15,364
39	30	97 442	11 010,558	172 919,632	15,705	15,237
40	31	97 306	10 397,424	161 909,074	15,572	15,104
41	32	97 153	9 816,589	151 511,650	15,434	14,967
42	33	96 991	9 267,314	141 695,061	15,290	14,822
43	34	96 812	8 747,244	132 427,747	15,139	14,672
44	35	96 615	8 254,850	123 680,503	14,983	14,515
45	36	96 403	7 788,852	115 425,653	14,819	14,352
46	37	96 161	7 346,842	107 636,801	14,651	14,183
47	38	95 907	6 928,999	100 289,959	14,474	14,006
48	39	95 612	6 532,130	93 360,960	14,293	13,825
49	40	95 289	6 156,084	86 828,829	14,105	13,637
50	41	94 925	5 799,099	80 672,745	13,911	13,444
51	42	94 519	5 460,322	74 873,646	13,712	13,245
52	43	94 076	5 139,221	69 413,324	13,507	13,039
53	44	93 575	4 833,923	64 274,103	13,296	12,829
54	45	93 013	4 543,654	59 440,180	13,082	12,614
55	46	92 392	4 267,898	54 896,526	12,863	12,395
56	47	91 707	4 005,931	50 628,628	12,638	12,171
57	48	90 950	3 756,847	46 622,697	12,410	11,942
58	49	90 120	3 520,146	42 865,850	12,177	11,710
59	50	89 198	3 294,668	39 345,703	11,942	11,475
60	51	88 198	3 080,623	36 051,035	11,703	11,235
61	52	87 120	2 877,498	32 970,412	11,458	10,990
62	53	85 951	2 684,531	30 092,914	11,210	10,742
63	54	84 677	2 500,925	27 408,383	10,959	10,492
64	55	83 319	2 327,012	24 907,457	10,704	10,236
65	56	81 857	2 161,881	22 580,445	10,445	9,977
66	57	80 307	2 005,632	20 418,565	10,181	9,713
67	58	78 679	1 858,130	18 412,932	9,909	9,442
68	59	76 926	1 717,940	16 554,802	9,636	9,169
69	60	75 123	1 586,446	14 836,863	9,352	8,885
70	61	73 176	1 461,308	13 250,417	9,068	8,600
71	62	71 136	1 343,334	11 789,109	8,776	8,308
72	63	68 979	1 231,777	10 445,775	8,480	8,013
73	64	66 733	1 126,874	9 213,998	8,177	7,709
74	65	64 372	1 027,904	8 087,124	7,868	7,400
75	66	61 882	934,412	7 059,220	7,555	7,087
76	67	59 254	846,078	6 124,808	7,239	6,771
77	68	56 471	762,493	5 278,730	6,923	6,455
78	69	53 588	684,226	4 516,237	6,601	6,133
79	70	50 539	610,208	3 832,012	6,280	5,812
80	71	47 313	540,200	3 221,804	5,964	5,497
81	72	43 945	474,461	2 681,604	5,652	5,184
82	73	40 430	412,777	2 207,142	5,347	4,879
83	74	36 828	355,556	1 794,365	5,047	4,579
84	75	33 128	302,446	1 438,809	4,757	4,290
85	76	29 399	253,805	1 136,363	4,477	4,010
86	77	25 665	209,526	882,558	4,212	3,745
87	78	22 033	170,090	673,032	3,957	3,489
88	79	18 566	135,533	502,943	3,711	3,243
89	80	15 306	105,658	367,410	3,477	3,010
90	81	12 327	80,468	261,753	3,253	2,785
91	82	9 668	59,679	181,284	3,038	2,570
92	83	7 323	42,746	121,605	2,845	2,377
93	84	5 351	29,536	78,859	2,670	2,202
94	85	3 774	19,700	49,322	2,504	2,036
95	86	2 530	12,489	29,622	2,372	1,904
96	87	1 646	7,683	17,133	2,230	1,762
97	88	1 017	4,489	9,450	2,105	1,638
98	89	596	2,487	4,961	1,994	1,527
99	90	331	1,305	2,474	1,895	1,428
100	91	173	0,647	1,169	1,806	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
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7						
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9						
10	0	99 534	56 907,308	1 007 251,593	17,700	17,232
11	1	99 221	53 644,056	950 344,285	17,716	17,248
12	2	99 190	50 710,990	896 700,229	17,683	17,215
13	3	99 170	47 944,187	845 989,240	17,645	17,178
14	4	99 149	45 327,556	798 045,053	17,606	17,139
15	5	99 128	42 853,863	752 717,497	17,565	17,097
16	6	99 106	40 514,618	709 863,633	17,521	17,054
17	7	99 073	38 299,307	669 349,015	17,477	17,009
18	8	99 040	36 204,435	631 049,708	17,430	16,963
19	9	98 995	34 220,629	594 845,273	17,383	16,915
20	10	98 948	32 344,328	560 624,644	17,333	16,865
21	11	98 897	30 570,055	528 280,317	17,281	16,813
22	12	98 846	28 892,774	497 710,262	17,226	16,759
23	13	98 793	27 307,289	468 817,488	17,168	16,701
24	14	98 739	25 808,425	441 510,200	17,107	16,640
25	15	98 681	24 390,772	415 701,775	17,043	16,576
26	16	98 622	23 050,579	391 311,003	16,976	16,509
27	17	98 561	21 783,836	368 260,424	16,905	16,438
28	18	98 494	20 585,487	346 476,588	16,831	16,364
29	19	98 424	19 452,193	325 891,101	16,753	16,286
30	20	98 348	18 380,427	306 438,909	16,672	16,204
31	21	98 273	17 367,789	288 058,482	16,586	16,118
32	22	98 190	16 409,419	270 690,693	16,496	16,028
33	23	98 104	15 503,627	254 281,274	16,401	15,934
34	24	98 013	14 647,052	238 777,647	16,302	15,835
35	25	97 917	13 837,139	224 130,596	16,198	15,730
36	26	97 812	13 070,712	210 293,456	16,089	15,621
37	27	97 706	12 346,642	197 222,744	15,974	15,506
38	28	97 593	11 661,824	184 876,103	15,853	15,386
39	29	97 467	11 013,408	173 214,279	15,728	15,260
40	30	97 335	10 400,512	162 200,870	15,595	15,128
41	31	97 184	9 819,723	151 800,358	15,459	14,991
42	32	97 024	9 270,531	141 980,635	15,315	14,848
43	33	96 846	8 750,360	132 710,104	15,166	14,699
44	34	96 653	8 258,080	123 959,744	15,011	14,543
45	35	96 442	7 791,988	115 701,664	14,849	14,381
46	36	96 206	7 350,288	107 909,676	14,681	14,213
47	37	95 951	6 932,190	100 559,388	14,506	14,039
48	38	95 668	6 535,958	93 627,198	14,325	13,857
49	39	95 346	6 159,754	87 091,240	14,139	13,671
50	40	94 989	5 803,037	80 931,487	13,946	13,479
51	41	94 591	5 464,491	75 128,449	13,748	13,281
52	42	94 154	5 143,489	69 663,959	13,544	13,077
53	43	93 659	4 838,277	64 520,469	13,335	12,868
54	44	93 108	4 548,293	59 682,192	13,122	12,654
55	45	92 495	4 272,649	55 133,899	12,904	12,436
56	46	91 824	4 011,024	50 861,249	12,680	12,213
57	47	91 081	3 762,240	46 850,225	12,453	11,985
58	48	90 265	3 525,786	43 087,985	12,221	11,753
59	49	89 360	3 300,647	39 562,199	11,986	11,519
60	50	88 373	3 086,706	36 261,552	11,748	11,280
61	51	87 313	2 883,868	33 174,846	11,504	11,036
62	52	86 163	2 691,139	30 290,978	11,256	10,788
63	53	84 909	2 507,780	27 599,839	11,006	10,538
64	54	83 570	2 334,036	25 092,060	10,751	10,283
65	55	82 129	2 169,068	22 758,023	10,492	10,024
66	56	80 599	2 012,917	20 588,955	10,228	9,761
67	57	78 995	1 865,578	18 576,039	9,957	9,490
68	58	77 267	1 725,550	16 710,461	9,684	9,217
69	59	75 487	1 594,145	14 984,911	9,400	8,932
70	60	73 573	1 469,229	13 390,765	9,114	8,647
71	61	71 536	1 350,892	11 921,537	8,825	8,357
72	62	69 401	1 239,308	10 570,644	8,529	8,062
73	63	67 176	1 134,343	9 331,336	8,226	7,759
74	64	64 845	1 035,449	8 196,993	7,916	7,449
75	65	62 382	941,959	7 161,543	7,603	7,135
76	66	59 776	853,534	6 219,584	7,287	6,819
77	67	57 024	769,957	5 366,051	6,969	6,502
78	68	54 141	691,287	4 596,094	6,649	6,181
79	69	51 110	617,102	3 904,806	6,328	5,860
80	70	47 897	546,863	3 287,704	6,012	5,544
81	71	44 542	480,901	2 740,841	5,699	5,232
82	72	41 021	418,812	2 259,941	5,396	4,928
83	73	37 407	361,147	1 841,129	5,098	4,630
84	74	33 705	307,711	1 479,981	4,810	4,342
85	75	29 970	258,739	1 172,271	4,531	4,063
86	76	26 238	214,201	913,532	4,265	3,797
87	77	22 585	174,353	699,331	4,011	3,543
88	78	19 103	139,451	524,978	3,765	3,297
89	79	15 827	109,255	385,527	3,529	3,061
90	80	12 819	83,682	276,273	3,301	2,834
91	81	10 114	62,430	192,590	3,085	2,617
92	82	7 711	45,012	130,160	2,892	2,424
93	83	5 681	31,358	85,148	2,715	2,248
94	84	4 046	21,120	53,790	2,547	2,079
95	85	2 742	13,534	32,670	2,414	1,946
96	86	1 807	8,433	19,136	2,269	1,802
97	87	1 132	4,994	10,703	2,143	1,675
98	88	673	2,810	5,709	2,032	1,564
99	89	380	1,502	2,899	1,930	1,463
100	90	203	0,759	1,397	1,840	1,372

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10						
11	0	99 526	53 808,919	950 865,885	17,671	17,204
12	1	99 213	50 722,709	897 056,967	17,686	17,218
13	2	99 182	47 949,897	846 334,257	17,650	17,183
14	3	99 161	45 332,957	798 384,360	17,612	17,144
15	4	99 137	42 857,760	753 051,403	17,571	17,103
16	5	99 113	40 517,657	710 193,643	17,528	17,060
17	6	99 080	38 301,828	669 675,986	17,484	17,017
18	7	99 044	36 206,220	631 374,158	17,438	16,971
19	8	99 002	34 222,748	595 167,938	17,391	16,923
20	9	98 954	32 346,421	560 945,191	17,342	16,874
21	10	98 903	30 571,866	528 598,770	17,290	16,823
22	11	98 853	28 894,926	498 026,903	17,236	16,768
23	12	98 801	27 309,449	469 131,978	17,178	16,711
24	13	98 748	25 810,637	441 822,529	17,118	16,650
25	14	98 692	24 393,332	416 011,891	17,054	16,587
26	15	98 634	23 053,463	391 618,559	16,987	16,520
27	16	98 575	21 786,910	368 565,096	16,917	16,449
28	17	98 509	20 588,501	346 778,187	16,843	16,376
29	18	98 444	19 456,155	326 189,685	16,765	16,298
30	19	98 367	18 383,976	306 733,530	16,685	16,217
31	20	98 292	17 371,005	288 349,555	16,599	16,132
32	21	98 206	16 412,136	270 978,550	16,511	16,043
33	22	98 121	15 506,311	254 566,414	16,417	15,949
34	23	98 034	14 650,230	239 060,103	16,318	15,850
35	24	97 934	13 839,486	224 409,873	16,215	15,748
36	25	97 830	13 073,149	210 570,387	16,107	15,640
37	26	97 725	12 349,044	197 497,237	15,993	15,525
38	27	97 615	11 664,372	185 148,193	15,873	15,405
39	28	97 491	11 016,156	173 483,821	15,748	15,281
40	29	97 360	10 403,204	162 467,665	15,617	15,150
41	30	97 213	9 822,640	152 064,461	15,481	15,013
42	31	97 055	9 273,491	142 241,821	15,339	14,871
43	32	96 880	8 753,397	132 968,330	15,190	14,723
44	33	96 687	8 261,021	124 214,932	15,036	14,569
45	34	96 480	7 795,037	115 953,911	14,875	14,408
46	35	96 245	7 353,248	108 158,874	14,709	14,241
47	36	95 996	6 935,441	100 805,627	14,535	14,067
48	37	95 712	6 538,967	93 870,185	14,356	13,888
49	38	95 402	6 163,363	87 331,218	14,169	13,702
50	39	95 046	5 806,496	81 167,855	13,979	13,511
51	40	94 655	5 468,202	75 361,358	13,782	13,314
52	41	94 226	5 147,416	69 893,156	13,578	13,111
53	42	93 737	4 842,296	64 745,740	13,371	12,903
54	43	93 192	4 552,390	59 903,445	13,159	12,691
55	44	92 589	4 277,012	55 351,055	12,942	12,474
56	45	91 926	4 015,489	51 074,043	12,719	12,252
57	46	91 197	3 767,023	47 058,553	12,492	12,025
58	47	90 394	3 530,848	43 291,530	12,261	11,793
59	48	89 503	3 305,935	39 760,682	12,027	11,559
60	49	88 533	3 092,307	36 454,747	11,789	11,321
61	50	87 485	2 889,562	33 362,440	11,546	11,078
62	51	86 353	2 697,096	30 472,877	11,298	10,831
63	52	85 118	2 513,952	27 775,781	11,049	10,581
64	53	83 799	2 340,433	25 261,829	10,794	10,326
65	54	82 377	2 175,616	22 921,396	10,536	10,068
66	55	80 867	2 019,608	20 745,780	10,272	9,805
67	56	79 282	1 872,354	18 726,172	10,001	9,534
68	57	77 577	1 732,467	16 853,818	9,728	9,261
69	58	75 822	1 601,208	15 121,352	9,444	8,976
70	59	73 930	1 476,360	13 520,144	9,158	8,690
71	60	71 924	1 358,214	12 043,784	8,867	8,400
72	61	69 792	1 246,281	10 685,570	8,574	8,106
73	62	67 586	1 141,278	9 439,289	8,271	7,803
74	63	65 275	1 042,313	8 298,010	7,961	7,494
75	64	62 840	948,874	7 255,698	7,647	7,179
76	65	60 259	860,428	6 306,824	7,330	6,862
77	66	57 526	776,742	5 446,396	7,012	6,544
78	67	54 671	698,054	4 669,654	6,690	6,222
79	68	51 638	623,471	3 971,600	6,370	5,903
80	69	48 438	553,042	3 348,129	6,054	5,586
81	70	45 091	486,832	2 795,087	5,741	5,274
82	71	41 578	424,496	2 308,255	5,438	4,970
83	72	37 954	366,427	1 883,759	5,141	4,673
84	73	34 235	312,550	1 517,332	4,855	4,387
85	74	30 492	263,242	1 204,782	4,577	4,109
86	75	26 748	218,364	941,540	4,312	3,844
87	76	23 089	178,243	723,175	4,057	3,590
88	77	19 582	142,946	544,932	3,812	3,345
89	78	16 284	112,414	401,986	3,576	3,108
90	79	13 256	86,531	289,572	3,346	2,879
91	80	10 518	64,924	203,041	3,127	2,660
92	81	8 067	47,087	138,117	2,933	2,466
93	82	5 982	33,020	91,030	2,757	2,289
94	83	4 296	22,422	58,010	2,587	2,120
95	84	2 940	14,509	35,588	2,453	1,985
96	85	1 958	9,139	21,079	2,306	1,839
97	86	1 242	5,482	11,940	2,178	1,711
98	87	749	3,126	6,458	2,066	1,598
99	88	430	1,696	3,332	1,964	1,496
100	89	234	0,874	1,635	1,872	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9						
10						
11						
12	0	99 518	50 878,594	897 539,303	17,641	17,173
13	1	99 205	47 960,979	846 660,709	17,653	17,186
14	2	99 172	45 338,356	798 699,731	17,616	17,149
15	3	99 149	42 862,867	753 361,375	17,576	17,109
16	4	99 122	40 521,342	710 498,508	17,534	17,066
17	5	99 087	38 304,701	669 977,166	17,491	17,023
18	6	99 051	36 208,603	631 672,465	17,445	16,978
19	7	99 006	34 224,435	595 463,862	17,399	16,931
20	8	98 960	32 348,423	561 239,427	17,350	16,882
21	9	98 909	30 573,845	528 891,004	17,299	16,831
22	10	98 859	28 896,638	498 317,159	17,245	16,777
23	11	98 808	27 311,483	469 420,521	17,188	16,720
24	12	98 756	25 812,679	442 109,038	17,128	16,660
25	13	98 700	24 395,423	416 296,359	17,065	16,597
26	14	98 644	23 055,882	391 900,935	16,998	16,530
27	15	98 587	21 789,636	368 845,053	16,928	16,460
28	16	98 523	20 591,407	347 055,417	16,854	16,387
29	17	98 458	19 459,004	326 464,010	16,777	16,309
30	18	98 387	18 387,720	307 005,006	16,696	16,229
31	19	98 311	17 374,359	288 617,286	16,612	16,144
32	20	98 224	16 415,175	271 242,927	16,524	16,056
33	21	98 137	15 508,878	254 827,752	16,431	15,964
34	22	98 051	14 652,766	239 318,874	16,333	15,865
35	23	97 955	13 842,490	224 666,108	16,230	15,763
36	24	97 847	13 075,367	210 823,618	16,124	15,656
37	25	97 744	12 351,347	197 748,251	16,010	15,543
38	26	97 634	11 666,642	185 396,904	15,891	15,424
39	27	97 512	11 018,563	173 730,262	15,767	15,299
40	28	97 385	10 405,799	162 711,700	15,637	15,169
41	29	97 238	9 825,183	152 305,900	15,502	15,034
42	30	97 084	9 276,246	142 480,718	15,360	14,892
43	31	96 911	8 756,192	133 204,472	15,213	14,745
44	32	96 721	8 263,889	124 448,280	15,059	14,592
45	33	96 514	7 797,813	116 184,391	14,900	14,432
46	34	96 282	7 356,125	108 386,577	14,734	14,267
47	35	96 034	6 938,234	101 030,453	14,561	14,094
48	36	95 757	6 542,035	94 092,219	14,383	13,915
49	37	95 446	6 166,201	87 550,184	14,198	13,731
50	38	95 102	5 809,899	81 383,983	14,008	13,540
51	39	94 711	5 471,461	75 574,084	13,812	13,345
52	40	94 290	5 150,912	70 102,623	13,610	13,142
53	41	93 809	4 845,992	64 951,711	13,403	12,936
54	42	93 270	4 556,171	60 105,718	13,192	12,725
55	43	92 673	4 280,864	55 549,547	12,976	12,509
56	44	92 020	4 019,589	51 268,683	12,755	12,287
57	45	91 298	3 771,217	47 249,094	12,529	12,061
58	46	90 509	3 535,337	43 477,877	12,298	11,831
59	47	89 631	3 310,681	39 942,540	12,065	11,597
60	48	88 675	3 097,262	36 631,859	11,827	11,360
61	49	87 644	2 894,806	33 534,597	11,584	11,117
62	50	86 524	2 702,422	30 639,791	11,338	10,870
63	51	85 306	2 519,517	27 937,369	11,088	10,621
64	52	84 006	2 346,194	25 417,852	10,834	10,366
65	53	82 603	2 181,578	23 071,659	10,576	10,108
66	54	81 111	2 025,705	20 890,080	10,312	9,845
67	55	79 545	1 878,578	18 864,375	10,042	9,574
68	56	77 858	1 738,759	16 985,797	9,769	9,301
69	57	76 126	1 607,626	15 247,038	9,484	9,017
70	58	74 257	1 482,900	13 639,412	9,198	8,730
71	59	72 273	1 364,806	12 156,512	8,907	8,440
72	60	70 170	1 253,036	10 791,706	8,612	8,145
73	61	67 967	1 147,700	9 538,670	8,311	7,844
74	62	65 674	1 048,685	8 390,970	8,001	7,534
75	63	63 257	955,163	7 342,285	7,687	7,219
76	64	60 701	866,744	6 387,122	7,369	6,902
77	65	57 991	783,016	5 520,378	7,050	6,583
78	66	55 153	704,206	4 737,362	6,727	6,260
79	67	52 143	629,574	4 033,156	6,406	5,939
80	68	48 938	558,749	3 403,582	6,091	5,624
81	69	45 600	492,332	2 844,833	5,778	5,311
82	70	42 091	429,732	2 352,500	5,474	5,007
83	71	38 469	371,401	1 922,768	5,177	4,709
84	72	34 736	317,119	1 551,368	4,892	4,424
85	73	30 972	267,382	1 234,249	4,616	4,148
86	74	27 214	222,165	966,867	4,352	3,884
87	75	23 538	181,708	744,701	4,098	3,631
88	76	20 018	146,136	562,993	3,853	3,385
89	77	16 693	115,231	416,857	3,618	3,150
90	78	13 639	89,033	301,626	3,388	2,920
91	79	10 876	67,134	212,593	3,167	2,699
92	80	8 389	48,967	145,459	2,971	2,503
93	81	6 258	34,542	96,492	2,793	2,326
94	82	4 523	23,611	61,949	2,624	2,156
95	83	3 121	15,404	38,338	2,489	2,021
96	84	2 099	9,797	22,934	2,341	1,873
97	85	1 346	5,940	13,137	2,211	1,744
98	86	822	3,431	7,197	2,097	1,630
99	87	478	1,887	3,765	1,995	1,527
100	88	264	0,987	1,878	1,903	1,435

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	48 108,376	847 106,826	17,608	17,141
14	1	99 195	45 348,834	798 998,450	17,619	17,151
15	2	99 160	42 867,972	753 649,616	17,581	17,113
16	3	99 134	40 526,170	710 781,644	17,539	17,071
17	4	99 096	38 308,184	670 255,474	17,496	17,029
18	5	99 058	36 211,319	631 947,290	17,452	16,984
19	6	99 013	34 226,688	595 735,972	17,406	16,938
20	7	98 965	32 350,018	561 509,284	17,357	16,890
21	8	98 916	30 575,738	529 159,266	17,307	16,839
22	9	98 865	28 898,508	498 583,528	17,253	16,785
23	10	98 814	27 313,102	469 685,020	17,196	16,729
24	11	98 763	25 814,602	442 371,918	17,136	16,669
25	12	98 708	24 397,353	416 557,316	17,074	16,606
26	13	98 653	23 057,859	392 159,963	17,008	16,540
27	14	98 597	21 791,922	369 102,104	16,938	16,470
28	15	98 535	20 593,983	347 310,181	16,865	16,397
29	16	98 472	19 461,750	326 716,198	16,788	16,320
30	17	98 402	18 390,413	307 254,448	16,707	16,240
31	18	98 331	17 377,898	288 864,035	16,622	16,155
32	19	98 243	16 418,344	271 486,137	16,536	16,068
33	20	98 155	15 511,750	255 067,793	16,444	15,976
34	21	98 067	14 655,192	239 556,043	16,346	15,879
35	22	97 972	13 844,886	224 900,850	16,244	15,777
36	23	97 868	13 078,204	211 055,965	16,138	15,670
37	24	97 760	12 353,442	197 977,760	16,026	15,559
38	25	97 652	11 668,817	185 624,318	15,908	15,440
39	26	97 531	11 020,707	173 955,501	15,784	15,317
40	27	97 406	10 408,073	162 934,794	15,655	15,187
41	28	97 262	9 827,634	152 526,721	15,520	15,053
42	29	97 109	9 278,647	142 699,087	15,379	14,912
43	30	96 939	8 758,793	133 420,440	15,233	14,765
44	31	96 752	8 266,528	124 661,647	15,080	14,613
45	32	96 547	7 800,521	116 395,120	14,921	14,454
46	33	96 317	7 358,745	108 594,599	14,757	14,290
47	34	96 072	6 940,949	101 235,854	14,585	14,118
48	35	95 796	6 544,669	94 294,906	14,408	13,940
49	36	95 490	6 169,094	87 750,237	14,224	13,757
50	37	95 145	5 812,574	81 581,143	14,035	13,568
51	38	94 767	5 474,668	75 768,570	13,840	13,372
52	39	94 346	5 153,982	70 293,902	13,639	13,171
53	40	93 872	4 849,284	65 139,920	13,433	12,965
54	41	93 341	4 559,649	60 290,636	13,223	12,755
55	42	92 750	4 284,420	55 730,987	13,008	12,540
56	43	92 103	4 023,210	51 446,567	12,787	12,320
57	44	91 392	3 775,067	47 423,357	12,562	12,095
58	45	90 610	3 539,272	43 648,290	12,333	11,865
59	46	89 745	3 314,890	40 109,018	12,100	11,632
60	47	88 802	3 101,708	36 794,127	11,863	11,395
61	48	87 784	2 899,444	33 692,419	11,620	11,153
62	49	86 681	2 707,326	30 792,975	11,374	10,906
63	50	85 475	2 524,492	28 085,649	11,125	10,658
64	51	84 191	2 351,387	25 561,157	10,871	10,403
65	52	82 806	2 186,948	23 209,770	10,613	10,145
66	53	81 334	2 031,257	21 022,822	10,350	9,882
67	54	79 785	1 884,249	18 991,565	10,079	9,612
68	55	78 117	1 744,539	17 107,316	9,806	9,339
69	56	76 402	1 613,465	15 362,777	9,522	9,054
70	57	74 555	1 488,844	13 749,312	9,235	8,767
71	58	72 593	1 370,853	12 260,468	8,944	8,476
72	59	70 510	1 259,118	10 889,616	8,649	8,181
73	60	68 335	1 153,921	9 630,498	8,346	7,878
74	61	66 043	1 054,585	8 476,577	8,038	7,570
75	62	63 643	961,003	7 421,991	7,723	7,256
76	63	61 104	872,489	6 460,989	7,405	6,938
77	64	58 417	788,764	5 588,500	7,085	6,618
78	65	55 598	709,894	4 799,736	6,761	6,294
79	66	52 603	635,122	4 089,842	6,439	5,972
80	67	49 417	564,219	3 454,720	6,123	5,655
81	68	46 071	497,413	2 890,501	5,811	5,343
82	69	42 566	434,587	2 393,088	5,507	5,039
83	70	38 944	375,981	1 958,501	5,209	4,741
84	71	35 207	321,423	1 582,519	4,923	4,456
85	72	31 424	271,291	1 261,096	4,648	4,181
86	73	27 642	225,659	989,805	4,386	3,919
87	74	23 948	184,871	764,146	4,133	3,666
88	75	20 408	148,977	579,275	3,888	3,421
89	76	17 065	117,802	430,299	3,653	3,185
90	77	13 981	91,265	312,496	3,424	2,956
91	78	11 190	69,075	221,231	3,203	2,735
92	79	8 674	50,634	152,156	3,005	2,537
93	80	6 508	35,922	101,522	2,826	2,359
94	81	4 732	24,699	65,600	2,656	2,188
95	82	3 286	16,221	40,901	2,522	2,054
96	83	2 228	10,402	24,680	2,373	1,905
97	84	1 443	6,368	14,279	2,242	1,775
98	85	891	3,719	7,910	2,127	1,660
99	86	525	2,072	4,192	2,023	1,556
100	87	294	1,098	2,120	1,931	1,463

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	45 488,204	799 411,147	17,574	17,106
15	1	99 183	42 877,879	753 922,944	17,583	17,115
16	2	99 146	40 530,996	711 045,065	17,543	17,076
17	3	99 108	38 312,749	670 514,069	17,501	17,033
18	4	99 067	36 214,612	632 201,320	17,457	16,990
19	5	99 020	34 229,255	595 986,708	17,412	16,944
20	6	98 972	32 352,148	561 757,453	17,364	16,896
21	7	98 920	30 577,245	529 405,305	17,314	16,846
22	8	98 871	28 900,297	498 828,060	17,260	16,793
23	9	98 821	27 314,869	469 927,763	17,204	16,737
24	10	98 769	25 816,132	442 612,894	17,145	16,677
25	11	98 715	24 399,171	416 796,762	17,082	16,615
26	12	98 660	23 059,683	392 397,591	17,017	16,549
27	13	98 606	21 793,791	369 337,908	16,947	16,479
28	14	98 545	20 596,145	347 544,118	16,874	16,407
29	15	98 484	19 464,185	326 947,973	16,797	16,330
30	16	98 416	18 393,008	307 483,788	16,717	16,250
31	17	98 345	17 380,443	289 090,780	16,633	16,166
32	18	98 263	16 421,689	271 710,337	16,546	16,078
33	19	98 174	15 514,745	255 288,649	16,455	15,987
34	20	98 085	14 657,906	239 773,904	16,358	15,890
35	21	97 988	13 847,178	225 115,997	16,257	15,790
36	22	97 885	13 080,468	211 268,819	16,151	15,684
37	23	97 781	12 356,123	198 188,351	16,040	15,572
38	24	97 669	11 670,796	185 832,228	15,923	15,455
39	25	97 550	11 022,762	174 161,431	15,800	15,333
40	26	97 425	10 410,098	163 138,669	15,671	15,204
41	27	97 284	9 829,781	152 728,571	15,537	15,070
42	28	97 133	9 280,961	142 898,790	15,397	14,929
43	29	96 965	8 761,060	133 617,829	15,251	14,784
44	30	96 781	8 268,983	124 856,768	15,099	14,632
45	31	96 578	7 803,011	116 587,785	14,941	14,474
46	32	96 350	7 361,299	108 784,774	14,778	14,310
47	33	96 106	6 943,421	101 423,475	14,607	14,140
48	34	95 833	6 547,230	94 480,054	14,431	13,963
49	35	95 529	6 171,578	87 932,824	14,248	13,780
50	36	95 190	5 815,300	81 761,247	14,060	13,592
51	37	94 811	5 477,188	75 945,946	13,866	13,398
52	38	94 401	5 157,002	70 468,758	13,665	13,197
53	39	93 928	4 852,174	65 311,755	13,460	12,993
54	40	93 404	4 562,746	60 459,581	13,251	12,783
55	41	92 821	4 287,691	55 896,836	13,037	12,569
56	42	92 179	4 026,551	51 609,145	12,817	12,350
57	43	91 474	3 778,468	47 582,594	12,593	12,126
58	44	90 702	3 542,886	43 804,126	12,364	11,896
59	45	89 845	3 318,581	40 261,240	12,132	11,664
60	46	88 915	3 105,651	36 942,659	11,895	11,428
61	47	87 910	2 903,606	33 837,008	11,653	11,186
62	48	86 820	2 711,664	30 933,402	11,408	10,940
63	49	85 630	2 529,073	28 221,738	11,159	10,691
64	50	84 358	2 356,030	25 692,665	10,905	10,437
65	51	82 990	2 191,789	23 336,634	10,647	10,180
66	52	81 534	2 036,256	21 144,845	10,384	9,917
67	53	80 004	1 889,413	19 108,589	10,114	9,646
68	54	78 353	1 749,806	17 219,176	9,841	9,373
69	55	76 656	1 618,828	15 469,370	9,556	9,088
70	56	74 826	1 494,251	13 850,542	9,269	8,802
71	57	72 884	1 376,347	12 356,290	8,978	8,510
72	58	70 823	1 264,696	10 979,943	8,682	8,214
73	59	68 667	1 159,521	9 715,247	8,379	7,911
74	60	66 401	1 060,302	8 555,726	8,069	7,602
75	61	64 001	966,410	7 495,424	7,756	7,288
76	62	61 477	877,823	6 529,014	7,438	6,970
77	63	58 804	793,992	5 651,191	7,117	6,650
78	64	56 007	715,105	4 857,200	6,792	6,325
79	65	53 027	640,252	4 142,095	6,469	6,002
80	66	49 853	569,191	3 501,843	6,152	5,685
81	67	46 522	502,283	2 932,652	5,839	5,371
82	68	43 006	439,072	2 430,369	5,535	5,068
83	69	39 384	380,229	1 991,297	5,237	4,770
84	70	35 641	325,387	1 611,067	4,951	4,484
85	71	31 851	274,973	1 285,680	4,676	4,208
86	72	28 046	228,958	1 010,707	4,414	3,947
87	73	24 324	187,778	781,748	4,163	3,696
88	74	20 763	151,570	593,970	3,919	3,451
89	75	17 397	120,092	442,401	3,684	3,216
90	76	14 293	93,301	322,308	3,454	2,987
91	77	11 471	70,806	229,007	3,234	2,767
92	78	8 925	52,098	158,201	3,037	2,569
93	79	6 729	37,145	106,102	2,856	2,389
94	80	4 921	25,686	68,958	2,685	2,217
95	81	3 438	16,968	43,272	2,550	2,083
96	82	2 347	10,953	26,303	2,402	1,934
97	83	1 532	6,761	15,351	2,270	1,803
98	84	955	3,987	8,589	2,155	1,687
99	85	569	2,245	4,603	2,050	1,583
100	86	323	1,205	2,358	1,956	1,489

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	43 009,654	754 304,798	17,538	17,070
16	1	99 168	40 540,363	711 295,143	17,545	17,078
17	2	99 120	38 317,311	670 754,780	17,505	17,038
18	3	99 079	36 218,927	632 437,469	17,462	16,994
19	4	99 029	34 232,368	596 218,542	17,417	16,949
20	5	98 979	32 354,574	561 986,174	17,370	16,902
21	6	98 927	30 579,258	529 631,600	17,320	16,852
22	7	98 876	28 901,722	499 052,342	17,267	16,800
23	8	98 827	27 316,560	470 150,620	17,211	16,744
24	9	98 775	25 817,802	442 834,060	17,152	16,685
25	10	98 721	24 400,617	417 016,257	17,090	16,623
26	11	98 668	23 061,401	392 615,641	17,025	16,557
27	12	98 614	21 795,515	369 554,240	16,956	16,488
28	13	98 554	20 597,910	347 758,725	16,883	16,416
29	14	98 495	19 466,228	327 160,815	16,807	16,339
30	15	98 428	18 395,310	307 694,587	16,727	16,259
31	16	98 359	17 382,895	289 299,277	16,643	16,175
32	17	98 277	16 424,093	271 916,382	16,556	16,088
33	18	98 194	15 517,905	255 492,289	16,464	15,997
34	19	98 104	14 660,736	239 974,383	16,369	15,901
35	20	98 006	13 849,743	225 313,647	16,268	15,801
36	21	97 901	13 082,634	211 463,905	16,164	15,696
37	22	97 798	12 358,262	198 381,271	16,053	15,585
38	23	97 690	11 673,329	186 023,009	15,936	15,468
39	24	97 566	11 024,632	174 349,679	15,815	15,347
40	25	97 443	10 412,040	163 325,048	15,686	15,219
41	26	97 302	9 831,694	152 913,008	15,553	15,085
42	27	97 155	9 282,989	143 081,314	15,413	14,946
43	28	96 989	8 763,246	133 798,325	15,268	14,801
44	29	96 806	8 271,123	125 035,079	15,117	14,649
45	30	96 607	7 805,329	116 763,956	14,960	14,492
46	31	96 381	7 363,650	108 958,627	14,797	14,329
47	32	96 140	6 945,831	101 594,977	14,627	14,159
48	33	95 867	6 549,561	94 649,146	14,451	13,984
49	34	95 566	6 173,992	88 099,584	14,269	13,802
50	35	95 228	5 817,642	81 925,592	14,082	13,615
51	36	94 855	5 479,758	76 107,950	13,889	13,421
52	37	94 445	5 159,377	70 628,193	13,689	13,222
53	38	93 983	4 855,018	65 468,816	13,485	13,017
54	39	93 460	4 565,465	60 613,798	13,277	12,809
55	40	92 884	4 290,603	56 048,333	13,063	12,595
56	41	92 250	4 029,625	51 757,730	12,844	12,377
57	42	91 550	3 781,606	47 728,105	12,621	12,154
58	43	90 784	3 546,077	43 946,499	12,393	11,925
59	44	89 937	3 321,969	40 400,422	12,162	11,694
60	45	89 014	3 109,109	37 078,452	11,926	11,458
61	46	88 022	2 907,298	33 969,344	11,684	11,217
62	47	86 945	2 715,556	31 062,046	11,439	10,971
63	48	85 767	2 533,125	28 346,490	11,190	10,723
64	49	84 511	2 360,306	25 813,364	10,936	10,469
65	50	83 153	2 196,117	23 453,059	10,679	10,212
66	51	81 714	2 040,764	21 256,942	10,416	9,949
67	52	80 201	1 894,064	19 216,178	10,145	9,678
68	53	78 568	1 754,601	17 322,114	9,872	9,405
69	54	76 888	1 623,715	15 567,513	9,588	9,120
70	55	75 074	1 499,219	13 943,798	9,301	8,833
71	56	73 149	1 381,346	12 444,579	9,009	8,541
72	57	71 107	1 269,765	11 063,232	8,713	8,245
73	58	68 971	1 164,658	9 793,467	8,409	7,941
74	59	66 724	1 065,448	8 628,809	8,099	7,631
75	60	64 348	971,648	7 563,362	7,784	7,316
76	61	61 823	882,762	6 591,713	7,467	7,000
77	62	59 163	798,846	5 708,951	7,146	6,679
78	63	56 378	719,845	4 910,105	6,821	6,353
79	64	53 417	644,952	4 190,261	6,497	6,029
80	65	50 255	573,788	3 545,309	6,179	5,711
81	66	46 932	506,709	2 971,520	5,864	5,397
82	67	43 427	443,370	2 464,811	5,559	5,092
83	68	39 790	384,153	2 021,441	5,262	4,794
84	69	36 044	329,064	1 637,288	4,976	4,508
85	70	32 244	278,365	1 308,224	4,700	4,232
86	71	28 427	232,066	1 029,859	4,438	3,970
87	72	24 680	190,523	797,793	4,187	3,720
88	73	21 089	153,953	607,270	3,945	3,477
89	74	17 700	122,183	453,316	3,710	3,243
90	75	14 571	95,115	331,134	3,481	3,014
91	76	11 727	72,386	236,019	3,261	2,793
92	77	9 149	53,404	163,633	3,064	2,596
93	78	6 924	38,219	110,229	2,884	2,417
94	79	5 088	26,560	72,010	2,711	2,244
95	80	3 575	17,646	45,450	2,576	2,108
96	81	2 455	11,458	27,803	2,427	1,959
97	82	1 613	7,120	16,346	2,296	1,828
98	83	1 014	4,232	9,226	2,180	1,712
99	84	610	2,407	4,994	2,075	1,607
100	85	350	1,306	2,587	1,981	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	40 664,955	711 648,524	17,500	17,033
17	1	99 143	38 326,167	670 983,569	17,507	17,040
18	2	99 091	36 223,240	632 657,402	17,466	16,998
19	3	99 041	34 236,447	596 434,162	17,421	16,953
20	4	98 988	32 357,516	562 197,715	17,375	16,907
21	5	98 934	30 581,551	529 840,199	17,325	16,858
22	6	98 883	28 903,625	499 258,648	17,273	16,806
23	7	98 832	27 317,907	470 355,023	17,218	16,750
24	8	98 781	25 819,401	443 037,116	17,159	16,692
25	9	98 728	24 402,196	417 217,715	17,098	16,630
26	10	98 674	23 062,767	392 815,519	17,032	16,565
27	11	98 621	21 797,138	369 752,752	16,963	16,496
28	12	98 562	20 599,540	347 955,613	16,891	16,424
29	13	98 503	19 467,896	327 356,074	16,815	16,348
30	14	98 438	18 397,240	307 888,177	16,736	16,268
31	15	98 371	17 385,070	289 490,937	16,652	16,184
32	16	98 291	16 426,411	272 105,867	16,565	16,098
33	17	98 209	15 520,178	255 679,456	16,474	16,006
34	18	98 124	14 663,722	240 159,278	16,378	15,910
35	19	98 025	13 852,416	225 495,555	16,278	15,811
36	20	97 919	13 085,057	211 643,139	16,174	15,707
37	21	97 814	12 360,308	198 558,082	16,064	15,597
38	22	97 707	11 675,350	186 197,774	15,948	15,480
39	23	97 587	11 027,024	174 522,424	15,827	15,359
40	24	97 460	10 413,806	163 495,400	15,700	15,232
41	25	97 321	9 833,527	153 081,594	15,567	15,100
42	26	97 174	9 284,796	143 248,067	15,428	14,961
43	27	97 010	8 765,160	133 963,271	15,284	14,816
44	28	96 830	8 273,187	125 198,111	15,133	14,665
45	29	96 632	7 807,349	116 924,924	14,976	14,509
46	30	96 409	7 365,837	109 117,575	14,814	14,346
47	31	96 170	6 948,049	101 751,738	14,645	14,177
48	32	95 901	6 551,835	94 803,689	14,470	14,002
49	33	95 600	6 176,191	88 251,854	14,289	13,821
50	34	95 266	5 819,918	82 075,662	14,103	13,635
51	35	94 893	5 481,964	76 255,744	13,910	13,443
52	36	94 489	5 161,797	70 773,780	13,711	13,243
53	37	94 027	4 857,253	65 611,983	13,508	13,040
54	38	93 515	4 568,141	60 754,730	13,300	12,832
55	39	92 939	4 293,160	56 186,589	13,087	12,620
56	40	92 313	4 032,362	51 893,429	12,869	12,402
57	41	91 620	3 784,493	47 861,067	12,647	12,179
58	42	90 860	3 549,022	44 076,574	12,419	11,952
59	43	90 018	3 324,961	40 527,552	12,189	11,721
60	44	89 105	3 112,283	37 202,591	11,953	11,486
61	45	88 120	2 910,534	34 090,307	11,713	11,245
62	46	87 055	2 719,009	31 179,773	11,467	11,000
63	47	85 890	2 536,762	28 460,764	11,219	10,752
64	48	84 646	2 364,087	25 924,002	10,966	10,498
65	49	83 304	2 200,102	23 559,915	10,709	10,241
66	50	81 876	2 044,794	21 359,813	10,446	9,978
67	51	80 379	1 898,256	19 315,019	10,175	9,708
68	52	78 761	1 758,920	17 416,763	9,902	9,434
69	53	77 098	1 628,165	15 657,843	9,617	9,149
70	54	75 301	1 503,745	14 029,678	9,330	8,862
71	55	73 392	1 385,938	12 525,933	9,038	8,570
72	56	71 365	1 274,377	11 139,995	8,742	8,274
73	57	69 247	1 169,326	9 865,618	8,437	7,969
74	58	67 019	1 070,168	8 696,291	8,126	7,659
75	59	64 661	976,364	7 626,124	7,811	7,343
76	60	62 158	887,547	6 649,760	7,492	7,025
77	61	59 496	803,341	5 762,213	7,173	6,705
78	62	56 722	724,246	4 958,872	6,847	6,379
79	63	53 771	649,227	4 234,626	6,523	6,055
80	64	50 624	578,000	3 585,400	6,203	5,736
81	65	47 311	510,802	3 007,399	5,888	5,420
82	66	43 809	447,278	2 496,597	5,582	5,114
83	67	40 180	387,914	2 049,320	5,283	4,815
84	68	36 416	332,460	1 661,406	4,997	4,530
85	69	32 608	281,510	1 328,946	4,721	4,253
86	70	28 777	234,928	1 047,436	4,459	3,991
87	71	25 015	193,109	812,508	4,208	3,740
88	72	21 398	156,204	619,399	3,965	3,498
89	73	17 978	124,104	463,195	3,732	3,265
90	74	14 824	96,770	339,091	3,504	3,036
91	75	11 955	73,793	242,320	3,284	2,816
92	76	9 353	54,596	168,527	3,087	2,619
93	77	7 097	39,177	113,931	2,908	2,441
94	78	5 236	27,328	74,755	2,735	2,268
95	79	3 697	18,247	47,426	2,599	2,132
96	80	2 553	11,915	29,180	2,449	1,981
97	81	1 687	7,448	17,264	2,318	1,850
98	82	1 068	4,457	9,816	2,203	1,735
99	83	647	2,555	5,360	2,098	1,630
100	84	375	1,400	2,805	2,003	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	38 443,954	671 310,648	17,462	16,994
18	1	99 114	36 231,612	632 866,694	17,467	17,000
19	2	99 053	34 240,524	596 635,082	17,425	16,957
20	3	99 000	32 361,372	562 394,558	17,379	16,911
21	4	98 943	30 584,333	530 033,186	17,330	16,863
22	5	98 890	28 905,792	499 448,854	17,279	16,811
23	6	98 838	27 319,705	470 543,062	17,224	16,756
24	7	98 786	25 820,674	443 223,356	17,165	16,698
25	8	98 734	24 403,707	417 402,683	17,104	16,636
26	9	98 680	23 064,260	392 998,976	17,039	16,572
27	10	98 627	21 798,430	369 934,716	16,971	16,503
28	11	98 569	20 601,074	348 136,286	16,899	16,431
29	12	98 511	19 469,437	327 535,212	16,823	16,355
30	13	98 447	18 398,817	308 065,775	16,744	16,276
31	14	98 382	17 386,895	289 666,958	16,660	16,192
32	15	98 304	16 428,466	272 280,063	16,574	16,106
33	16	98 222	15 522,368	255 851,596	16,483	16,015
34	17	98 139	14 665,870	240 329,229	16,387	15,919
35	18	98 045	13 855,238	225 663,359	16,287	15,820
36	19	97 938	13 087,583	211 808,121	16,184	15,716
37	20	97 833	12 362,597	198 720,538	16,074	15,607
38	21	97 723	11 677,283	186 357,940	15,959	15,491
39	22	97 604	11 028,933	174 680,657	15,838	15,371
40	23	97 481	10 416,066	163 651,724	15,711	15,244
41	24	97 337	9 835,195	153 235,659	15,580	15,113
42	25	97 192	9 286,527	143 400,464	15,442	14,974
43	26	97 029	8 766,866	134 113,936	15,298	14,830
44	27	96 851	8 274,994	125 347,070	15,148	14,680
45	28	96 656	7 809,297	117 072,076	14,991	14,524
46	29	96 434	7 367,744	109 262,779	14,830	14,362
47	30	96 199	6 950,113	101 895,035	14,661	14,193
48	31	95 931	6 553,927	94 944,923	14,487	14,019
49	32	95 633	6 178,335	88 390,995	14,307	13,839
50	33	95 299	5 821,991	82 212,660	14,121	13,653
51	34	94 930	5 484,109	76 390,669	13,929	13,462
52	35	94 527	5 163,875	70 906,560	13,731	13,264
53	36	94 071	4 859,531	65 742,685	13,529	13,061
54	37	93 558	4 570,244	60 883,153	13,322	12,854
55	38	92 993	4 295,676	56 312,909	13,109	12,642
56	39	92 368	4 034,765	52 017,233	12,892	12,425
57	40	91 682	3 787,063	47 982,468	12,670	12,203
58	41	90 929	3 551,732	44 195,405	12,443	11,976
59	42	90 093	3 327,723	40 643,673	12,214	11,746
60	43	89 185	3 115,087	37 315,950	11,979	11,512
61	44	88 210	2 913,506	34 200,863	11,739	11,271
62	45	87 152	2 722,036	31 287,357	11,494	11,027
63	46	85 999	2 539,987	28 565,322	11,246	10,779
64	47	84 768	2 367,481	26 025,335	10,993	10,525
65	48	83 438	2 203,627	23 657,854	10,736	10,268
66	49	82 024	2 048,504	21 454,226	10,473	10,006
67	50	80 537	1 902,005	19 405,722	10,203	9,735
68	51	78 935	1 762,814	17 503,717	9,929	9,462
69	52	77 288	1 632,173	15 740,904	9,644	9,177
70	53	75 507	1 507,866	14 108,731	9,357	8,889
71	54	73 614	1 390,122	12 600,865	9,065	8,597
72	55	71 602	1 278,614	11 210,743	8,768	8,300
73	56	69 499	1 173,573	9 932,129	8,463	7,996
74	57	67 288	1 074,457	8 758,556	8,152	7,684
75	58	64 947	980,689	7 684,099	7,835	7,368
76	59	62 460	891,854	6 703,410	7,516	7,049
77	60	59 819	807,695	5 811,555	7,195	6,728
78	61	57 042	728,321	5 003,860	6,870	6,403
79	62	54 099	653,196	4 275,539	6,546	6,078
80	63	50 960	581,831	3 622,343	6,226	5,758
81	64	47 658	514,551	3 040,512	5,909	5,441
82	65	44 163	450,890	2 525,960	5,602	5,135
83	66	40 534	391,332	2 075,070	5,303	4,835
84	67	36 772	335,714	1 683,738	5,015	4,548
85	68	32 945	284,415	1 348,023	4,740	4,272
86	69	29 102	237,582	1 063,609	4,477	4,009
87	70	25 323	195,491	826,026	4,225	3,758
88	71	21 688	158,324	630,535	3,983	3,515
89	72	18 241	125,918	472,211	3,750	3,283
90	73	15 058	98,292	346,293	3,523	3,056
91	74	12 163	75,078	248,000	3,303	2,836
92	75	9 535	55,657	172,922	3,107	2,639
93	76	7 256	40,051	117,265	2,928	2,460
94	77	5 367	28,013	77,215	2,756	2,289
95	78	3 804	18,774	49,201	2,621	2,153
96	79	2 640	12,321	30,427	2,470	2,002
97	80	1 755	7,745	18,106	2,338	1,870
98	81	1 117	4,662	10,361	2,222	1,755
99	82	682	2,691	5,699	2,118	1,650
100	83	398	1,487	3,008	2,023	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	36 342,961	633 169,477	17,422	16,954
19	1	99 076	34 248,437	596 826,516	17,426	16,959
20	2	99 012	32 365,226	562 578,078	17,382	16,915
21	3	98 955	30 587,977	530 212,852	17,334	16,866
22	4	98 899	28 908,421	499 624,876	17,283	16,815
23	5	98 846	27 321,754	470 716,455	17,229	16,761
24	6	98 793	25 822,373	443 394,700	17,171	16,703
25	7	98 739	24 404,910	417 572,327	17,110	16,643
26	8	98 686	23 065,688	393 167,417	17,046	16,578
27	9	98 633	21 799,841	370 101,729	16,977	16,510
28	10	98 575	20 602,295	348 301,889	16,906	16,438
29	11	98 518	19 470,887	327 699,593	16,830	16,363
30	12	98 454	18 400,273	308 228,706	16,751	16,284
31	13	98 390	17 388,385	289 828,433	16,668	16,200
32	14	98 314	16 430,191	272 440,048	16,582	16,114
33	15	98 235	15 524,310	256 009,858	16,491	16,023
34	16	98 153	14 667,940	240 485,548	16,395	15,928
35	17	98 060	13 857,267	225 817,608	16,296	15,828
36	18	97 958	13 090,249	211 960,341	16,192	15,725
37	19	97 851	12 364,984	198 870,092	16,083	15,616
38	20	97 741	11 679,446	186 505,108	15,969	15,501
39	21	97 620	11 030,759	174 825,663	15,849	15,381
40	22	97 498	10 417,869	163 794,903	15,722	15,255
41	23	97 358	9 837,330	153 377,035	15,591	15,124
42	24	97 208	9 288,102	143 539,705	15,454	14,987
43	25	97 047	8 768,501	134 251,603	15,311	14,843
44	26	96 870	8 276,604	125 483,102	15,161	14,694
45	27	96 677	7 811,003	117 206,497	15,005	14,538
46	28	96 458	7 369,582	109 395,494	14,844	14,377
47	29	96 224	6 951,912	102 025,913	14,676	14,208
48	30	95 960	6 555,874	95 074,001	14,502	14,035
49	31	95 664	6 180,308	88 518,127	14,323	13,855
50	32	95 333	5 824,012	82 337,819	14,138	13,670
51	33	94 964	5 486,062	76 513,807	13,947	13,479
52	34	94 564	5 165,896	71 027,744	13,749	13,282
53	35	94 109	4 861,488	65 861,849	13,548	13,080
54	36	93 602	4 572,388	61 000,361	13,341	12,873
55	37	93 036	4 297,654	56 427,973	13,130	12,662
56	38	92 422	4 037,130	52 130,319	12,913	12,445
57	39	91 737	3 789,320	48 093,189	12,692	12,224
58	40	90 991	3 554,144	44 303,868	12,465	11,998
59	41	90 161	3 330,263	40 749,725	12,236	11,769
60	42	89 259	3 117,674	37 419,461	12,002	11,535
61	43	88 290	2 916,130	34 301,788	11,763	11,295
62	44	87 241	2 724,815	31 385,657	11,518	11,051
63	45	86 095	2 542,814	28 660,842	11,271	10,804
64	46	84 876	2 370,491	26 118,028	11,018	10,550
65	47	83 558	2 206,791	23 747,537	10,761	10,294
66	48	82 156	2 051,786	21 540,746	10,499	10,031
67	49	80 683	1 905,456	19 488,960	10,228	9,760
68	50	79 091	1 766,294	17 583,503	9,955	9,487
69	51	77 459	1 635,786	15 817,209	9,669	9,202
70	52	75 693	1 511,577	14 181,423	9,382	8,914
71	53	73 816	1 393,932	12 669,846	9,089	8,622
72	54	71 818	1 282,473	11 275,914	8,792	8,325
73	55	69 730	1 177,475	9 993,441	8,487	8,020
74	56	67 532	1 078,360	8 815,966	8,175	7,708
75	57	65 207	984,620	7 737,606	7,858	7,391
76	58	62 737	895,805	6 752,986	7,538	7,071
77	59	60 109	811,615	5 857,180	7,217	6,749
78	60	57 351	732,268	5 045,565	6,890	6,423
79	61	54 404	656,871	4 313,297	6,566	6,099
80	62	51 271	585,389	3 656,426	6,246	5,779
81	63	47 974	517,962	3 071,037	5,929	5,462
82	64	44 488	454,200	2 553,075	5,621	5,153
83	65	40 861	394,493	2 098,875	5,320	4,853
84	66	37 096	338,673	1 704,382	5,033	4,565
85	67	33 267	287,199	1 365,709	4,755	4,288
86	68	29 403	240,034	1 078,510	4,493	4,026
87	69	25 609	197,700	838,476	4,241	3,774
88	70	21 956	160,277	640,776	3,998	3,530
89	71	18 488	127,627	480,499	3,765	3,297
90	72	15 278	99,729	352,871	3,538	3,071
91	73	12 354	76,259	253,142	3,320	2,852
92	74	9 701	56,626	176,884	3,124	2,656
93	75	7 397	40,829	120,258	2,945	2,478
94	76	5 487	28,638	79,428	2,774	2,306
95	77	3 899	19,245	50,790	2,639	2,172
96	78	2 716	12,677	31,545	2,488	2,021
97	79	1 815	8,009	18,868	2,356	1,888
98	80	1 162	4,848	10,859	2,240	1,772
99	81	713	2,815	6,011	2,136	1,668
100	82	419	1,565	3,196	2,042	1,574

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	34 353,692	597 106,844	17,381	16,914
20	1	99 035	32 372,706	562 753,152	17,384	16,916
21	2	98 967	30 591,620	530 380,446	17,337	16,870
22	3	98 911	28 911,865	499 788,827	17,287	16,819
23	4	98 855	27 324,239	470 876,961	17,233	16,765
24	5	98 800	25 824,310	443 552,722	17,176	16,708
25	6	98 745	24 406,516	417 728,412	17,115	16,648
26	7	98 691	23 066,825	393 321,896	17,051	16,584
27	8	98 639	21 801,190	370 255,071	16,983	16,516
28	9	98 581	20 603,628	348 453,881	16,912	16,445
29	10	98 524	19 472,041	327 850,252	16,837	16,369
30	11	98 462	18 401,644	308 378,211	16,758	16,291
31	12	98 398	17 389,761	289 976,568	16,675	16,208
32	13	98 322	16 431,599	272 586,807	16,589	16,122
33	14	98 245	15 525,939	256 155,208	16,499	16,031
34	15	98 165	14 669,775	240 629,268	16,403	15,935
35	16	98 074	13 859,223	225 959,494	16,304	15,836
36	17	97 973	13 092,166	212 100,271	16,201	15,733
37	18	97 871	12 367,503	199 008,106	16,091	15,624
38	19	97 760	11 681,701	186 640,603	15,977	15,510
39	20	97 638	11 032,802	174 958,902	15,858	15,390
40	21	97 514	10 419,594	163 926,100	15,732	15,265
41	22	97 375	9 839,032	153 506,507	15,602	15,134
42	23	97 229	9 290,118	143 667,474	15,465	14,997
43	24	97 063	8 769,988	134 377,356	15,322	14,855
44	25	96 888	8 278,148	125 607,368	15,173	14,706
45	26	96 696	7 812,523	117 329,220	15,018	14,551
46	27	96 479	7 371,192	109 516,697	14,857	14,390
47	28	96 248	6 953,646	102 145,505	14,689	14,222
48	29	95 984	6 557,571	95 191,859	14,516	14,049
49	30	95 692	6 182,144	88 634,288	14,337	13,870
50	31	95 363	5 825,872	82 452,144	14,153	13,685
51	32	94 997	5 487,967	76 626,273	13,963	13,495
52	33	94 598	5 167,736	71 138,306	13,766	13,298
53	34	94 145	4 863,390	65 970,570	13,565	13,097
54	35	93 639	4 574,229	61 107,180	13,359	12,891
55	36	93 080	4 299,670	56 532,951	13,148	12,681
56	37	92 464	4 038,989	52 233,281	12,932	12,465
57	38	91 790	3 791,541	48 194,292	12,711	12,243
58	39	91 045	3 556,262	44 402,751	12,486	12,018
59	40	90 223	3 332,525	40 846,489	12,257	11,789
60	41	89 327	3 120,054	37 513,964	12,023	11,556
61	42	88 363	2 918,552	34 393,910	11,785	11,317
62	43	87 320	2 727,269	31 475,358	11,541	11,073
63	44	86 183	2 545,411	28 748,088	11,294	10,827
64	45	84 970	2 373,130	26 202,678	11,041	10,574
65	46	83 664	2 209,596	23 829,548	10,785	10,317
66	47	82 274	2 054,732	21 619,952	10,522	10,054
67	48	80 813	1 908,509	19 565,220	10,252	9,784
68	49	79 235	1 769,500	17 656,711	9,978	9,511
69	50	77 612	1 639,016	15 887,211	9,693	9,226
70	51	75 861	1 514,923	14 248,195	9,405	8,938
71	52	73 997	1 397,363	12 733,272	9,112	8,645
72	53	72 015	1 285,988	11 335,909	8,815	8,347
73	54	69 940	1 181,029	10 049,920	8,509	8,042
74	55	67 757	1 081,945	8 868,891	8,197	7,730
75	56	65 444	988,196	7 786,947	7,880	7,412
76	57	62 988	899,396	6 798,750	7,559	7,092
77	58	60 375	815,211	5 899,354	7,237	6,769
78	59	57 629	735,822	5 084,143	6,909	6,442
79	60	54 699	660,432	4 348,321	6,584	6,116
80	61	51 560	588,682	3 687,889	6,265	5,797
81	62	48 268	521,129	3 099,207	5,947	5,480
82	63	44 782	457,211	2 578,078	5,639	5,171
83	64	41 161	397,389	2 120,868	5,337	4,869
84	65	37 396	341,408	1 723,479	5,048	4,581
85	66	33 560	289,730	1 382,071	4,770	4,303
86	67	29 690	242,384	1 092,340	4,507	4,039
87	68	25 874	199,740	849,956	4,255	3,788
88	69	22 204	162,088	650,216	4,012	3,544
89	70	18 716	129,202	488,129	3,778	3,310
90	71	15 485	101,083	358,927	3,551	3,083
91	72	12 534	77,373	257,844	3,332	2,865
92	73	9 853	57,516	180,471	3,138	2,670
93	74	7 526	41,540	122,954	2,960	2,492
94	75	5 593	29,195	81,414	2,789	2,321
95	76	3 986	19,674	52,219	2,654	2,187
96	77	2 784	12,995	32,545	2,504	2,037
97	78	1 867	8,240	19,550	2,372	1,905
98	79	1 201	5,013	11,310	2,256	1,788
99	80	742	2,927	6,296	2,151	1,683
100	81	439	1,638	3,369	2,057	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	32 472,196	563 012,729	17,338	16,871
21	1	98 990	30 598,690	530 540,533	17,339	16,871
22	2	98 923	28 915,309	499 941,844	17,290	16,822
23	3	98 866	27 327,495	471 026,535	17,236	16,769
24	4	98 809	25 826,659	443 699,040	17,180	16,712
25	5	98 752	24 408,347	417 872,382	17,120	16,652
26	6	98 698	23 068,344	393 464,035	17,056	16,589
27	7	98 644	21 802,265	370 395,691	16,989	16,521
28	8	98 587	20 604,904	348 593,426	16,918	16,450
29	9	98 530	19 473,301	327 988,522	16,843	16,375
30	10	98 468	18 402,734	308 515,221	16,765	16,297
31	11	98 405	17 391,056	290 112,487	16,682	16,214
32	12	98 330	16 432,899	272 721,431	16,596	16,128
33	13	98 253	15 527,270	256 288,532	16,506	16,038
34	14	98 175	14 671,314	240 761,262	16,410	15,943
35	15	98 086	13 860,957	226 089,947	16,311	15,844
36	16	97 987	13 094,013	212 228,991	16,208	15,741
37	17	97 886	12 369,314	199 134,977	16,099	15,632
38	18	97 780	11 684,080	186 765,664	15,985	15,517
39	19	97 657	11 034,932	175 081,584	15,866	15,399
40	20	97 532	10 421,523	164 046,652	15,741	15,274
41	21	97 391	9 840,661	153 625,128	15,611	15,144
42	22	97 246	9 291,726	143 784,467	15,474	15,007
43	23	97 084	8 771,892	134 492,741	15,332	14,865
44	24	96 904	8 279,552	125 720,849	15,184	14,717
45	25	96 714	7 813,980	117 441,297	15,030	14,562
46	26	96 498	7 372,626	109 627,317	14,870	14,402
47	27	96 269	6 955,165	102 254,691	14,702	14,234
48	28	96 008	6 559,207	95 299,526	14,529	14,062
49	29	95 717	6 183,744	88 740,319	14,351	13,883
50	30	95 391	5 827,602	82 556,575	14,166	13,699
51	31	95 027	5 489,719	76 728,973	13,977	13,509
52	32	94 630	5 169,530	71 239,254	13,781	13,313
53	33	94 179	4 865,122	66 069,724	13,580	13,113
54	34	93 676	4 576,019	61 204,601	13,375	12,908
55	35	93 117	4 301,401	56 628,583	13,165	12,698
56	36	92 508	4 040,883	52 327,182	12,949	12,482
57	37	91 833	3 793,287	48 286,298	12,729	12,262
58	38	91 098	3 558,346	44 493,012	12,504	12,036
59	39	90 276	3 334,511	40 934,665	12,276	11,808
60	40	89 388	3 122,173	37 600,154	12,043	11,575
61	41	88 430	2 920,780	34 477,981	11,804	11,337
62	42	87 392	2 729,534	31 557,201	11,561	11,094
63	43	86 261	2 547,704	28 827,666	11,315	10,848
64	44	85 057	2 375,553	26 279,963	11,063	10,595
65	45	83 757	2 212,056	23 904,409	10,806	10,339
66	46	82 378	2 057,344	21 692,354	10,544	10,076
67	47	80 929	1 911,249	19 635,009	10,273	9,806
68	48	79 362	1 772,335	17 723,760	10,000	9,533
69	49	77 753	1 641,990	15 951,426	9,715	9,247
70	50	76 011	1 517,915	14 309,436	9,427	8,959
71	51	74 161	1 400,456	12 791,521	9,134	8,666
72	52	72 192	1 289,153	11 391,065	8,836	8,369
73	53	70 132	1 184,266	10 101,911	8,530	8,063
74	54	67 961	1 085,211	8 917,645	8,217	7,750
75	55	65 662	991,482	7 832,435	7,900	7,432
76	56	63 217	902,663	6 840,953	7,579	7,111
77	57	60 617	818,478	5 938,290	7,255	6,788
78	58	57 884	739,082	5 119,812	6,927	6,460
79	59	54 964	663,637	4 380,730	6,601	6,134
80	60	51 839	591,873	3 717,093	6,280	5,813
81	61	48 539	524,061	3 125,220	5,963	5,496
82	62	45 056	460,006	2 601,159	5,655	5,187
83	63	41 434	400,023	2 141,153	5,353	4,885
84	64	37 671	343,914	1 741,130	5,063	4,595
85	65	33 831	292,070	1 397,215	4,784	4,316
86	66	29 952	244,520	1 105,145	4,520	4,052
87	67	26 127	201,695	860,625	4,267	3,799
88	68	22 433	163,761	658,930	4,024	3,556
89	69	18 928	130,661	495,169	3,790	3,322
90	70	15 676	102,330	364,508	3,562	3,095
91	71	12 705	78,424	262,178	3,343	2,876
92	72	9 997	58,357	183,755	3,149	2,681
93	73	7 644	42,193	125,398	2,972	2,504
94	74	5 691	29,703	83,204	2,801	2,334
95	75	4 063	20,057	53,501	2,667	2,200
96	76	2 846	13,285	33,444	2,517	2,050
97	77	1 914	8,447	20,159	2,387	1,919
98	78	1 236	5,158	11,712	2,271	1,803
99	79	767	3,027	6,554	2,165	1,698
100	80	456	1,703	3,527	2,071	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	30 692,728	530 780,928	17,293	16,826
22	1	98 946	28 921,991	500 088,200	17,291	16,823
23	2	98 878	27 330,749	471 166,209	17,239	16,772
24	3	98 821	25 829,736	443 835,460	17,183	16,716
25	4	98 761	24 410,566	418 005,724	17,124	16,656
26	5	98 705	23 070,074	393 595,158	17,061	16,593
27	6	98 651	21 803,700	370 525,084	16,994	16,526
28	7	98 592	20 605,920	348 721,384	16,923	16,456
29	8	98 537	19 474,507	328 115,464	16,848	16,381
30	9	98 474	18 403,925	308 640,957	16,770	16,303
31	10	98 411	17 392,087	290 237,032	16,688	16,220
32	11	98 337	16 434,123	272 844,945	16,602	16,135
33	12	98 261	15 528,499	256 410,822	16,512	16,045
34	13	98 184	14 672,572	240 882,323	16,417	15,950
35	14	98 096	13 862,411	226 209,751	16,318	15,851
36	15	97 999	13 095,652	212 347,340	16,215	15,748
37	16	97 900	12 371,059	199 251,689	16,106	15,639
38	17	97 794	11 685,791	186 880,629	15,992	15,525
39	18	97 677	11 037,180	175 194,838	15,873	15,406
40	19	97 551	10 423,535	164 157,659	15,749	15,281
41	20	97 409	9 842,484	153 734,123	15,619	15,152
42	21	97 262	9 293,264	143 891,639	15,483	15,016
43	22	97 101	8 773,410	134 598,375	15,342	14,874
44	23	96 925	8 281,349	125 824,965	15,194	14,726
45	24	96 730	7 815,305	117 543,616	15,040	14,573
46	25	96 516	7 374,001	109 728,311	14,880	14,413
47	26	96 287	6 956,519	102 354,310	14,713	14,246
48	27	96 029	6 560,640	95 397,791	14,541	14,073
49	28	95 741	6 185,287	88 837,151	14,363	13,895
50	29	95 416	5 829,111	82 651,864	14,179	13,712
51	30	95 056	5 491,350	76 822,754	13,990	13,522
52	31	94 661	5 171,181	71 331,404	13,794	13,326
53	32	94 212	4 866,811	66 160,223	13,594	13,127
54	33	93 709	4 577,649	61 293,412	13,390	12,922
55	34	93 154	4 303,084	56 715,763	13,180	12,713
56	35	92 545	4 042,510	52 412,680	12,965	12,498
57	36	91 876	3 795,066	48 370,169	12,746	12,278
58	37	91 140	3 559,985	44 575,103	12,521	12,054
59	38	90 329	3 336,465	41 015,118	12,293	11,825
60	39	89 441	3 124,034	37 678,653	12,061	11,593
61	40	88 491	2 922,764	34 554,619	11,823	11,355
62	41	87 459	2 731,618	31 631,855	11,580	11,112
63	42	86 332	2 549,819	28 900,237	11,334	10,867
64	43	85 133	2 377,693	26 350,417	11,082	10,615
65	44	83 842	2 214,315	23 972,724	10,826	10,359
66	45	82 470	2 059,634	21 758,410	10,564	10,097
67	46	81 032	1 913,679	19 698,775	10,294	9,826
68	47	79 476	1 774,879	17 785,097	10,020	9,553
69	48	77 877	1 644,621	16 010,217	9,735	9,267
70	49	76 148	1 520,669	14 365,597	9,447	8,979
71	50	74 308	1 403,222	12 844,927	9,154	8,686
72	51	72 352	1 292,007	11 441,706	8,856	8,388
73	52	70 305	1 187,181	10 149,699	8,549	8,082
74	53	68 148	1 088,185	8 962,518	8,236	7,769
75	54	65 860	994,475	7 874,333	7,918	7,451
76	55	63 427	905,664	6 879,858	7,596	7,129
77	56	60 837	821,451	5 974,195	7,273	6,805
78	57	58 116	742,045	5 152,744	6,944	6,476
79	58	55 208	666,577	4 410,699	6,617	6,149
80	59	52 091	594,746	3 744,122	6,295	5,828
81	60	48 802	526,901	3 149,376	5,977	5,510
82	61	45 310	462,594	2 622,475	5,669	5,201
83	62	41 687	402,469	2 159,881	5,367	4,899
84	63	37 920	346,194	1 757,412	5,076	4,609
85	64	34 080	294,214	1 411,218	4,797	4,329
86	65	30 194	246,495	1 117,004	4,532	4,064
87	66	26 357	203,473	870,509	4,278	3,811
88	67	22 652	165,364	667,036	4,034	3,566
89	68	19 123	132,010	501,673	3,800	3,333
90	69	15 853	103,486	369,663	3,572	3,105
91	70	12 861	79,391	266,177	3,353	2,885
92	71	10 133	59,149	186,786	3,158	2,690
93	72	7 756	42,810	127,637	2,981	2,514
94	73	5 780	30,170	84,827	2,812	2,344
95	74	4 134	20,406	54,657	2,678	2,211
96	75	2 902	13,543	34,251	2,529	2,061
97	76	1 957	8,635	20,707	2,398	1,930
98	77	1 267	5,288	12,072	2,283	1,815
99	78	789	3,114	6,784	2,179	1,711
100	79	472	1,761	3,670	2,084	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	29 010,877	500 310,865	17,246	16,778
23	1	98 901	27 337,066	471 299,988	17,240	16,773
24	2	98 833	25 832,812	443 962,923	17,186	16,718
25	3	98 773	24 413,475	418 130,111	17,127	16,659
26	4	98 714	23 072,172	393 716,636	17,065	16,597
27	5	98 658	21 805,336	370 644,464	16,998	16,530
28	6	98 599	20 607,276	348 839,128	16,928	16,460
29	7	98 541	19 475,467	328 231,852	16,854	16,386
30	8	98 480	18 405,064	308 756,385	16,776	16,308
31	9	98 417	17 393,212	290 351,321	16,693	16,226
32	10	98 343	16 435,097	272 958,109	16,608	16,141
33	11	98 268	15 529,656	256 523,012	16,518	16,051
34	12	98 191	14 673,733	240 993,356	16,423	15,956
35	13	98 105	13 863,600	226 319,623	16,325	15,857
36	14	98 009	13 097,026	212 456,024	16,222	15,754
37	15	97 912	12 372,607	199 358,998	16,113	15,645
38	16	97 808	11 687,440	186 986,391	15,999	15,531
39	17	97 691	11 038,796	175 298,950	15,880	15,413
40	18	97 571	10 425,659	164 260,154	15,755	15,288
41	19	97 428	9 844,384	153 834,496	15,627	15,159
42	20	97 280	9 294,986	143 990,112	15,491	15,024
43	21	97 117	8 774,863	134 695,126	15,350	14,883
44	22	96 942	8 282,782	125 920,264	15,203	14,735
45	23	96 751	7 817,002	117 637,481	15,049	14,581
46	24	96 533	7 375,252	109 820,480	14,890	14,423
47	25	96 305	6 957,816	102 445,228	14,724	14,256
48	26	96 048	6 561,916	95 487,412	14,552	14,084
49	27	95 762	6 186,638	88 925,495	14,374	13,906
50	28	95 440	5 830,565	82 738,857	14,191	13,723
51	29	95 080	5 492,771	76 908,293	14,002	13,534
52	30	94 689	5 172,716	71 415,522	13,806	13,339
53	31	94 242	4 868,365	66 242,805	13,607	13,139
54	32	93 742	4 579,238	61 374,440	13,403	12,935
55	33	93 187	4 304,617	56 795,202	13,194	12,726
56	34	92 581	4 044,092	52 490,585	12,980	12,512
57	35	91 913	3 796,594	48 446,493	12,761	12,293
58	36	91 183	3 561,655	44 649,899	12,536	12,069
59	37	90 371	3 338,002	41 088,245	12,309	11,842
60	38	89 494	3 125,865	37 750,243	12,077	11,609
61	39	88 543	2 924,506	34 624,378	11,839	11,372
62	40	87 518	2 733,473	31 699,872	11,597	11,129
63	41	86 398	2 551,766	28 966,399	11,352	10,884
64	42	85 204	2 379,668	26 414,632	11,100	10,633
65	43	83 918	2 216,309	24 034,965	10,845	10,377
66	44	82 554	2 061,737	21 818,656	10,583	10,115
67	45	81 122	1 915,809	19 756,918	10,313	9,845
68	46	79 577	1 777,136	17 841,109	10,039	9,572
69	47	77 989	1 646,982	16 063,974	9,754	9,286
70	48	76 270	1 523,106	14 416,992	9,466	8,998
71	49	74 442	1 405,768	12 893,886	9,172	8,705
72	50	72 495	1 294,558	11 488,118	8,874	8,407
73	51	70 460	1 189,809	10 193,560	8,567	8,100
74	52	68 315	1 090,863	9 003,751	8,254	7,786
75	53	66 041	997,200	7 912,888	7,935	7,468
76	54	63 619	908,398	6 915,688	7,613	7,145
77	55	61 040	824,182	6 007,290	7,289	6,821
78	56	58 328	744,740	5 183,108	6,960	6,492
79	57	55 429	669,249	4 438,369	6,632	6,164
80	58	52 322	597,381	3 769,120	6,309	5,842
81	59	49 039	529,459	3 171,739	5,991	5,523
82	60	45 555	465,101	2 642,281	5,681	5,214
83	61	41 922	404,733	2 177,179	5,379	4,912
84	62	38 152	348,311	1 772,446	5,089	4,621
85	63	34 306	296,164	1 424,135	4,809	4,341
86	64	30 416	248,304	1 127,971	4,543	4,075
87	65	26 570	205,116	879,667	4,289	3,821
88	66	22 852	166,821	674,550	4,044	3,576
89	67	19 310	133,302	507,729	3,809	3,341
90	68	16 017	104,554	374,427	3,581	3,114
91	69	13 007	80,288	269,874	3,361	2,894
92	70	10 258	59,879	189,586	3,166	2,699
93	71	7 861	43,391	129,707	2,989	2,522
94	72	5 865	30,611	86,316	2,820	2,352
95	73	4 199	20,727	55,705	2,688	2,220
96	74	2 952	13,779	34,978	2,538	2,071
97	75	1 995	8,803	21,199	2,408	1,940
98	76	1 295	5,406	12,395	2,293	1,825
99	77	809	3,192	6,990	2,190	1,722
100	78	485	1,812	3,798	2,096	1,628

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	27 421,080	471 506,261	17,195	16,727
24	1	98 856	25 838,782	444 085,181	17,187	16,719
25	2	98 785	24 416,382	418 246,399	17,130	16,662
26	3	98 726	23 074,921	393 830,017	17,067	16,600
27	4	98 667	21 807,319	370 755,096	17,001	16,534
28	5	98 606	20 608,822	348 947,777	16,932	16,464
29	6	98 548	19 476,749	328 338,955	16,858	16,390
30	7	98 485	18 405,972	308 862,207	16,781	16,313
31	8	98 423	17 394,289	290 456,235	16,698	16,231
32	9	98 350	16 436,161	273 061,946	16,613	16,146
33	10	98 274	15 530,576	256 625,785	16,524	16,056
34	11	98 199	14 674,826	241 095,209	16,429	15,962
35	12	98 112	13 864,697	226 420,383	16,331	15,863
36	13	98 017	13 098,149	212 555,687	16,228	15,760
37	14	97 922	12 373,906	199 457,538	16,119	15,652
38	15	97 820	11 688,902	187 083,633	16,005	15,538
39	16	97 705	11 040,354	175 394,730	15,887	15,419
40	17	97 585	10 427,185	164 354,376	15,762	15,295
41	18	97 448	9 846,389	153 927,191	15,633	15,165
42	19	97 299	9 296,780	144 080,802	15,498	15,030
43	20	97 135	8 776,488	134 784,022	15,357	14,890
44	21	96 958	8 284,154	126 007,534	15,211	14,743
45	22	96 768	7 818,355	117 723,380	15,057	14,590
46	23	96 554	7 376,852	109 905,026	14,899	14,431
47	24	96 322	6 958,996	102 528,174	14,733	14,266
48	25	96 066	6 563,140	95 569,177	14,562	14,094
49	26	95 781	6 187,842	89 006,037	14,384	13,916
50	27	95 461	5 831,839	82 818,195	14,201	13,733
51	28	95 104	5 494,141	76 986,356	14,012	13,545
52	29	94 713	5 174,055	71 492,215	13,817	13,350
53	30	94 270	4 869,811	66 318,160	13,618	13,151
54	31	93 772	4 580,700	61 448,348	13,415	12,947
55	32	93 219	4 306,111	56 867,648	13,206	12,739
56	33	92 614	4 045,532	52 561,537	12,992	12,525
57	34	91 949	3 798,080	48 516,005	12,774	12,306
58	35	91 220	3 563,089	44 717,925	12,550	12,083
59	36	90 413	3 339,567	41 154,837	12,323	11,856
60	37	89 535	3 127,304	37 815,269	12,092	11,624
61	38	88 595	2 926,220	34 687,965	11,854	11,387
62	39	87 570	2 735,103	31 761,745	11,613	11,145
63	40	86 457	2 553,499	29 026,643	11,367	10,900
64	41	85 269	2 381,484	26 473,143	11,116	10,649
65	42	83 988	2 218,150	24 091,659	10,861	10,394
66	43	82 628	2 063,595	21 873,509	10,600	10,132
67	44	81 205	1 917,765	19 809,915	10,330	9,862
68	45	79 665	1 779,114	17 892,150	10,057	9,589
69	46	78 088	1 649,076	16 113,036	9,771	9,303
70	47	76 380	1 525,292	14 463,960	9,483	9,015
71	48	74 562	1 408,020	12 938,668	9,189	8,722
72	49	72 627	1 296,908	11 530,648	8,891	8,423
73	50	70 599	1 192,158	10 233,740	8,584	8,117
74	51	68 467	1 093,278	9 041,582	8,270	7,803
75	52	66 203	999,655	7 948,304	7,951	7,483
76	53	63 793	910,887	6 948,649	7,628	7,161
77	54	61 224	826,670	6 037,762	7,304	6,836
78	55	58 521	747,215	5 211,092	6,974	6,506
79	56	55 630	671,680	4 463,877	6,646	6,178
80	57	52 531	599,775	3 792,197	6,323	5,855
81	58	49 256	531,804	3 192,422	6,003	5,535
82	59	45 776	467,359	2 660,618	5,693	5,225
83	60	42 149	406,927	2 193,259	5,390	4,922
84	61	38 367	350,270	1 786,332	5,100	4,632
85	62	34 515	297,975	1 436,062	4,819	4,352
86	63	30 617	249,950	1 138,087	4,553	4,086
87	64	26 765	206,622	888,137	4,298	3,831
88	65	23 037	168,168	681,515	4,053	3,585
89	66	19 481	134,477	513,346	3,817	3,350
90	67	16 174	105,577	378,870	3,589	3,121
91	68	13 141	81,116	273,292	3,369	2,902
92	69	10 374	60,555	192,176	3,174	2,706
93	70	7 958	43,926	131,621	2,996	2,529
94	71	5 944	31,027	87,694	2,826	2,359
95	72	4 261	21,030	56,667	2,695	2,227
96	73	2 999	13,996	35,638	2,546	2,079
97	74	2 029	8,957	21,642	2,416	1,949
98	75	1 320	5,511	12,685	2,302	1,834
99	76	827	3,263	7,175	2,198	1,731
100	77	498	1,857	3,911	2,106	1,638

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	25 918,192	444 276,300	17,141	16,674
25	1	98 808	24 422,025	418 358,108	17,130	16,663
26	2	98 737	23 077,669	393 936,083	17,070	16,602
27	3	98 679	21 809,917	370 858,414	17,004	16,537
28	4	98 615	20 610,696	349 048,497	16,935	16,468
29	5	98 555	19 478,209	328 437,801	16,862	16,394
30	6	98 491	18 407,183	308 959,591	16,785	16,317
31	7	98 428	17 395,147	290 552,408	16,703	16,235
32	8	98 356	16 437,178	273 157,261	16,618	16,151
33	9	98 281	15 531,581	256 720,083	16,529	16,061
34	10	98 205	14 675,696	241 188,502	16,435	15,967
35	11	98 120	13 865,729	226 512,807	16,336	15,869
36	12	98 025	13 099,185	212 647,077	16,234	15,766
37	13	97 930	12 374,966	199 547,892	16,125	15,658
38	14	97 830	11 690,129	187 172,926	16,011	15,544
39	15	97 717	11 041,735	175 482,797	15,893	15,425
40	16	97 599	10 428,657	164 441,062	15,768	15,301
41	17	97 462	9 847,831	154 012,405	15,639	15,172
42	18	97 319	9 298,674	144 164,574	15,504	15,036
43	19	97 154	8 778,182	134 865,900	15,364	14,896
44	20	96 976	8 285,688	126 087,718	15,218	14,750
45	21	96 784	7 819,649	117 802,030	15,065	14,597
46	22	96 570	7 378,129	109 982,381	14,907	14,439
47	23	96 343	6 960,506	102 604,252	14,741	14,273
48	24	96 082	6 564,253	95 643,745	14,570	14,103
49	25	95 798	6 188,996	89 079,492	14,393	13,926
50	26	95 479	5 832,974	82 890,496	14,211	13,743
51	27	95 125	5 495,342	77 057,522	14,022	13,555
52	28	94 737	5 175,346	71 562,181	13,828	13,360
53	29	94 294	4 871,072	66 386,835	13,629	13,161
54	30	93 800	4 582,060	61 515,763	13,425	12,958
55	31	93 249	4 307,486	56 933,702	13,217	12,750
56	32	92 646	4 046,937	52 626,216	13,004	12,536
57	33	91 981	3 799,432	48 579,279	12,786	12,318
58	34	91 255	3 564,483	44 779,847	12,563	12,095
59	35	90 450	3 340,912	41 215,364	12,337	11,869
60	36	89 577	3 128,771	37 874,452	12,105	11,638
61	37	88 636	2 927,567	34 745,681	11,868	11,401
62	38	87 622	2 736,706	31 818,114	11,626	11,159
63	39	86 508	2 555,021	29 081,408	11,382	10,914
64	40	85 327	2 383,102	26 526,387	11,131	10,663
65	41	84 052	2 219,843	24 143,286	10,876	10,409
66	42	82 697	2 065,308	21 923,442	10,615	10,148
67	43	81 278	1 919,493	19 858,134	10,346	9,878
68	44	79 747	1 780,931	17 938,641	10,073	9,605
69	45	78 175	1 650,911	16 157,711	9,787	9,320
70	46	76 477	1 527,231	14 506,799	9,499	9,031
71	47	74 669	1 410,042	12 979,568	9,205	8,738
72	48	72 743	1 298,985	11 569,526	8,907	8,439
73	49	70 728	1 194,322	10 270,541	8,599	8,132
74	50	68 602	1 095,437	9 076,219	8,285	7,818
75	51	66 350	1 001,867	7 980,782	7,966	7,498
76	52	63 950	913,129	6 978,915	7,643	7,175
77	53	61 392	828,936	6 065,786	7,318	6,850
78	54	58 698	749,471	5 236,850	6,987	6,520
79	55	55 815	673,912	4 487,379	6,659	6,191
80	56	52 722	601,953	3 813,467	6,335	5,868
81	57	49 454	533,936	3 211,513	6,015	5,547
82	58	45 979	469,429	2 677,577	5,704	5,236
83	59	42 354	408,902	2 208,148	5,400	4,933
84	60	38 575	352,169	1 799,246	5,109	4,641
85	61	34 710	299,652	1 447,077	4,829	4,362
86	62	30 804	251,478	1 147,426	4,563	4,095
87	63	26 943	207,991	895,948	4,308	3,840
88	64	23 206	169,403	687,956	4,061	3,593
89	65	19 638	135,563	518,553	3,825	3,358
90	66	16 316	106,508	382,990	3,596	3,128
91	67	13 269	81,910	276,483	3,375	2,908
92	68	10 481	61,180	194,572	3,180	2,713
93	69	8 048	44,423	133,392	3,003	2,535
94	70	6 018	31,410	88,969	2,833	2,365
95	71	4 318	21,315	57,560	2,700	2,233
96	72	3 042	14,200	36,245	2,552	2,085
97	73	2 061	9,097	22,044	2,423	1,956
98	74	1 343	5,607	12,947	2,309	1,842
99	75	843	3,327	7,340	2,206	1,739
100	76	509	1,899	4,013	2,114	1,646

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 5,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	24 497,081	418 535,214	17,085	16,618
26	1	98 760	23 083,002	394 038,133	17,070	16,603
27	2	98 691	21 812,515	370 955,131	17,007	16,539
28	3	98 627	20 613,152	349 142,617	16,938	16,470
29	4	98 564	19 479,981	328 529,465	16,865	16,397
30	5	98 499	18 408,564	309 049,484	16,788	16,321
31	6	98 435	17 396,292	290 640,920	16,707	16,239
32	7	98 360	16 437,989	273 244,628	16,623	16,155
33	8	98 287	15 532,542	256 806,640	16,533	16,066
34	9	98 211	14 676,645	241 274,097	16,439	15,972
35	10	98 125	13 866,551	226 597,452	16,341	15,874
36	11	98 033	13 100,161	212 730,901	16,239	15,771
37	12	97 938	12 375,946	199 630,740	16,131	15,663
38	13	97 839	11 691,131	187 254,795	16,017	15,549
39	14	97 728	11 042,894	175 563,664	15,898	15,431
40	15	97 611	10 429,962	164 520,770	15,774	15,306
41	16	97 476	9 849,221	154 090,808	15,645	15,177
42	17	97 333	9 300,035	144 241,587	15,510	15,042
43	18	97 174	8 779,970	134 941,552	15,369	14,902
44	19	96 995	8 287,288	126 161,582	15,224	14,756
45	20	96 802	7 821,097	117 874,294	15,071	14,604
46	21	96 586	7 379,351	110 053,197	14,914	14,446
47	22	96 359	6 961,711	102 673,846	14,748	14,281
48	23	96 103	6 565,678	95 712,135	14,578	14,110
49	24	95 815	6 190,046	89 146,457	14,402	13,934
50	25	95 497	5 834,061	82 956,411	14,219	13,752
51	26	95 143	5 496,411	77 122,350	14,031	13,564
52	27	94 758	5 176,477	71 625,938	13,837	13,369
53	28	94 318	4 872,287	66 449,462	13,638	13,171
54	29	93 824	4 583,247	61 577,175	13,435	12,968
55	30	93 277	4 308,765	56 993,928	13,227	12,760
56	31	92 676	4 048,229	52 685,163	13,014	12,547
57	32	92 013	3 800,751	48 636,934	12,797	12,329
58	33	91 288	3 565,752	44 836,182	12,574	12,107
59	34	90 485	3 342,219	41 270,430	12,348	11,881
60	35	89 613	3 130,031	37 928,210	12,118	11,650
61	36	88 678	2 928,941	34 798,180	11,881	11,413
62	37	87 662	2 737,966	31 869,239	11,640	11,172
63	38	86 559	2 556,518	29 131,274	11,395	10,927
64	39	85 378	2 384,522	26 574,755	11,145	10,677
65	40	84 109	2 221,351	24 190,233	10,890	10,422
66	41	82 760	2 066,885	21 968,882	10,629	10,161
67	42	81 345	1 921,087	19 901,997	10,360	9,892
68	43	79 819	1 782,535	17 980,910	10,087	9,620
69	44	78 255	1 652,597	16 198,376	9,802	9,334
70	45	76 562	1 528,931	14 545,779	9,514	9,046
71	46	74 764	1 411,834	13 016,847	9,220	8,752
72	47	72 847	1 300,850	11 605,013	8,921	8,454
73	48	70 841	1 196,235	10 304,163	8,614	8,146
74	49	68 726	1 097,425	9 107,928	8,299	7,832
75	50	66 481	1 003,846	8 010,503	7,980	7,512
76	51	64 092	915,150	7 006,657	7,656	7,189
77	52	61 543	830,976	6 091,507	7,331	6,863
78	53	58 859	751,525	5 260,531	7,000	6,532
79	54	55 984	675,947	4 509,006	6,671	6,203
80	55	52 897	603,955	3 833,059	6,347	5,879
81	56	49 633	535,875	3 229,104	6,026	5,558
82	57	46 163	471,311	2 693,229	5,714	5,247
83	58	42 541	410,713	2 221,918	5,410	4,942
84	59	38 762	353,878	1 811,205	5,118	4,651
85	60	34 898	301,276	1 457,327	4,837	4,370
86	61	30 978	252,893	1 156,051	4,571	4,104
87	62	27 107	209,263	903,158	4,316	3,848
88	63	23 359	170,526	693,895	4,069	3,602
89	64	19 782	136,558	523,369	3,833	3,365
90	65	16 448	107,368	386,811	3,603	3,135
91	66	13 386	82,632	279,443	3,382	2,914
92	67	10 584	61,779	196,811	3,186	2,718
93	68	8 131	44,881	135,032	3,009	2,541
94	69	6 085	31,764	90,151	2,838	2,371
95	70	4 372	21,578	58,386	2,706	2,238
96	71	3 084	14,393	36,808	2,557	2,090
97	72	2 091	9,230	22,415	2,428	1,961
98	73	1 364	5,695	13,185	2,315	1,848
99	74	858	3,385	7,490	2,213	1,745
100	75	519	1,936	4,105	2,121	1,653

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 718 655,814	17,187	16,719
1	1	99 340	93 717,020	1 618 655,814	17,272	16,804
2	2	99 290	88 367,777	1 524 938,794	17,257	16,789
3	3	99 263	83 342,899	1 436 571,017	17,237	16,769
4	4	99 238	78 605,888	1 353 228,118	17,215	16,747
5	5	99 218	74 141,155	1 274 622,230	17,192	16,724
6	6	99 201	69 932,649	1 200 481,075	17,166	16,698
7	7	99 184	65 963,013	1 130 548,426	17,139	16,671
8	8	99 171	62 220,951	1 064 585,413	17,110	16,642
9	9	99 157	58 690,595	1 002 364,462	17,079	16,611
10	10	99 142	55 360,451	943 673,868	17,046	16,578
11	11	99 129	52 219,729	888 313,417	17,011	16,543
12	12	99 112	49 255,827	836 093,688	16,975	16,507
13	13	99 097	46 460,444	786 837,861	16,936	16,468
14	14	99 079	43 822,659	740 377,417	16,895	16,427
15	15	99 056	41 332,801	696 554,757	16,852	16,384
16	16	99 029	38 982,470	655 221,957	16,808	16,340
17	17	98 990	36 761,255	616 239,487	16,763	16,295
18	18	98 946	34 665,184	579 478,232	16,716	16,248
19	19	98 888	32 683,810	544 813,048	16,669	16,201
20	20	98 828	30 814,959	512 129,237	16,620	16,152
21	21	98 765	29 052,232	481 314,278	16,567	16,099
22	22	98 704	27 390,974	452 262,046	16,511	16,043
23	23	98 643	25 824,417	424 871,072	16,452	15,984
24	24	98 576	24 346,186	399 046,655	16,391	15,923
25	25	98 512	22 953,105	374 700,468	16,325	15,857
26	26	98 446	21 639,418	351 747,364	16,255	15,787
27	27	98 380	20 400,902	330 107,945	16,181	15,713
28	28	98 307	19 231,777	309 707,043	16,104	15,636
29	29	98 232	18 129,318	290 475,266	16,022	15,554
30	30	98 150	17 088,913	272 345,949	15,937	15,469
31	31	98 064	16 107,544	255 257,036	15,847	15,379
32	32	97 966	15 180,489	239 149,492	15,754	15,286
33	33	97 863	14 306,217	223 969,002	15,655	15,187
34	34	97 759	13 482,046	209 662,785	15,551	15,083
35	35	97 642	12 703,699	196 180,739	15,443	14,975
36	36	97 516	11 969,163	183 477,041	15,329	14,861
37	37	97 384	11 276,355	171 507,878	15,210	14,742
38	38	97 248	10 623,211	160 231,523	15,083	14,615
39	39	97 089	10 005,516	149 608,312	14,953	14,485
40	40	96 925	9 423,248	139 602,795	14,815	14,347
41	41	96 737	8 872,659	130 179,548	14,672	14,204
42	42	96 536	8 352,969	121 306,889	14,523	14,055
43	43	96 312	7 861,888	112 953,920	14,367	13,899
44	44	96 067	7 398,066	105 092,032	14,205	13,737
45	45	95 797	6 959,669	97 693,966	14,037	13,569
46	46	95 495	6 545,018	90 734,297	13,863	13,395
47	47	95 165	6 153,232	84 189,279	13,682	13,214
48	48	94 793	5 782,205	78 036,047	13,496	13,028
49	49	94 378	5 431,019	72 253,842	13,304	12,836
50	50	93 910	5 098,227	66 822,823	13,107	12,639
51	51	93 395	4 783,284	61 724,596	12,904	12,436
52	52	92 829	4 485,181	56 941,312	12,695	12,227
53	53	92 192	4 202,235	52 456,131	12,483	12,015
54	54	91 481	3 933,824	48 253,896	12,266	11,798
55	55	90 697	3 679,361	44 320,073	12,046	11,578
56	56	89 841	3 438,323	40 640,712	11,820	11,352
57	57	88 905	3 209,887	37 202,388	11,590	11,122
58	58	87 882	2 993,363	33 992,501	11,356	10,888
59	59	86 756	2 787,742	30 999,138	11,120	10,652
60	60	85 538	2 593,032	28 211,396	10,880	10,412
61	61	84 223	2 408,639	25 618,363	10,636	10,168
62	62	82 831	2 234,758	23 209,724	10,386	9,918
63	63	81 330	2 070,040	20 974,966	10,133	9,665
64	64	79 738	1 914,658	18 904,926	9,874	9,406
65	65	78 027	1 767,518	16 990,269	9,613	9,145
66	66	76 212	1 628,691	15 222,751	9,347	8,879
67	67	74 312	1 498,183	13 594,060	9,074	8,606
68	68	72 270	1 374,549	12 095,877	8,800	8,332
69	69	70 194	1 259,493	10 721,328	8,512	8,044
70	70	67 978	1 150,681	9 461,836	8,223	7,755
71	71	65 645	1 048,298	8 311,155	7,928	7,460
72	72	63 186	951,919	7 262,857	7,630	7,162
73	73	60 647	861,952	6 310,938	7,322	6,854
74	74	58 019	777,919	5 448,985	7,005	6,537
75	75	55 263	699,028	4 671,066	6,682	6,214
76	76	52 364	624,871	3 972,038	6,357	5,889
77	77	49 293	554,928	3 347,168	6,032	5,564
78	78	46 104	489,647	2 792,239	5,703	5,235
79	79	42 737	428,190	2 302,592	5,378	4,910
80	80	39 169	370,231	1 874,402	5,063	4,595
81	81	35 458	316,183	1 504,171	4,757	4,289
82	82	31 640	266,171	1 187,988	4,463	3,995
83	83	27 801	220,634	921,817	4,178	3,710
84	84	23 966	179,430	701,183	3,908	3,440
85	85	20 224	142,844	521,753	3,653	3,185
86	86	16 656	110,982	378,910	3,414	2,946
87	87	13 353	83,943	267,928	3,192	2,724
88	88	10 406	61,712	183,985	2,981	2,513
89	89	7 852	43,931	122,273	2,783	2,315
90	90	5 716	30,167	78,342	2,597	2,129
91	91	3 996	19,895	48,175	2,421	1,953
92	92	2 654	12,465	28,279	2,269	1,801
93	93	1 672	7,412	15,814	2,134	1,666
94	94	1 000	4,181	8,403	2,010	1,542
95	95	556	2,192	4,221	1,926	1,458
96	96	298	1,109	2,030	1,831	1,363
97	97	150	0,525	0,921	1,753	1,285
98	98	72	0,237	0,396	1,668	1,200
99	99	32	0,099	0,158	1,596	1,128
100	100	13	0,039	0,059	1,533	1,065

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 717 532,030	17,228	16,760	50	51	93 725	5 088,180	66 304,857	13,031	12,563
1	2	99 317	93 695,366	1 617 838,416	17,267	16,799	51	52	93 189	4 772,719	61 216,677	12,826	12,358
2	3	99 278	88 357,254	1 524 143,049	17,250	16,782	52	53	92 601	4 474,168	56 443,958	12,616	12,148
3	4	99 251	83 332,970	1 435 785,796	17,230	16,762	53	54	91 940	4 190,749	51 969,789	12,401	11,933
4	5	99 229	78 598,740	1 352 452,826	17,207	16,739	54	55	91 206	3 921,984	47 779,040	12,182	11,714
5	6	99 210	74 135,595	1 273 854,086	17,183	16,715	55	56	90 397	3 667,170	43 857,056	11,959	11,491
6	7	99 194	69 928,046	1 199 718,491	17,156	16,689	56	57	89 516	3 425,880	40 189,886	11,731	11,263
7	8	99 179	65 959,762	1 129 790,445	17,128	16,661	57	58	88 550	3 197,072	36 764,006	11,499	11,031
8	9	99 165	62 217,099	1 063 830,684	17,099	16,631	58	59	87 494	2 980,161	33 566,933	11,263	10,795
9	10	99 150	58 686,797	1 001 613,585	17,067	16,599	59	60	86 337	2 774,278	30 586,772	11,025	10,557
10	11	99 136	55 357,170	942 926,788	17,034	16,566	60	61	85 077	2 579,053	27 812,495	10,784	10,316
11	12	99 121	52 215,840	887 569,618	16,998	16,530	61	62	83 752	2 395,162	25 233,441	10,535	10,067
12	13	99 105	49 251,930	835 353,779	16,961	16,493	62	63	82 328	2 221,178	22 838,279	10,282	9,814
13	14	99 088	46 456,462	786 101,848	16,921	16,453	63	64	80 794	2 056,410	20 617,101	10,026	9,558
14	15	99 068	43 818,061	739 645,387	16,880	16,412	64	65	79 157	1 900,705	18 560,691	9,765	9,297
15	16	99 044	41 327,630	695 827,326	16,837	16,369	65	66	77 402	1 753,356	16 659,986	9,502	9,034
16	17	99 015	38 976,969	654 499,696	16,792	16,324	66	67	75 547	1 614,464	14 906,630	9,233	8,765
17	18	98 975	36 755,873	615 522,727	16,746	16,278	67	68	73 591	1 483,659	13 292,166	8,959	8,491
18	19	98 926	34 658,125	578 766,854	16,699	16,231	68	69	71 532	1 360,508	11 808,507	8,679	8,212
19	20	98 869	32 677,501	544 108,729	16,651	16,183	69	70	69 410	1 245,421	10 447,999	8,389	7,921
20	21	98 809	30 809,253	511 431,228	16,600	16,132	70	71	67 149	1 136,662	9 202,578	8,096	7,628
21	22	98 749	29 047,422	480 621,975	16,546	16,078	71	72	64 766	1 034,261	8 065,916	7,799	7,331
22	23	98 687	27 386,234	451 574,552	16,489	16,021	72	73	62 276	938,202	7 031,655	7,495	7,027
23	24	98 621	25 818,814	424 188,318	16,429	15,961	73	74	59 708	848,607	6 093,453	7,181	6,713
24	25	98 559	24 342,058	398 369,504	16,365	15,898	74	75	57 026	764,610	5 244,846	6,860	6,392
25	26	98 493	22 948,825	374 027,446	16,298	15,830	75	76	54 209	685,699	4 480,236	6,534	6,066
26	27	98 427	21 635,208	351 078,622	16,227	15,759	76	77	51 221	611,232	3 794,537	6,208	5,740
27	28	98 359	20 396,446	329 443,414	16,152	15,684	77	78	48 088	541,359	3 183,304	5,880	5,412
28	29	98 282	19 226,980	309 046,968	16,074	15,606	78	79	44 809	475,888	2 641,945	5,552	5,084
29	30	98 206	18 124,626	289 819,987	15,990	15,522	79	80	41 330	414,093	2 166,057	5,231	4,763
30	31	98 121	17 083,839	271 695,361	15,904	15,436	80	81	37 665	356,011	1 751,965	4,921	4,453
31	32	98 033	16 102,403	254 611,522	15,812	15,344	81	82	33 896	302,251	1 395,953	4,619	4,151
32	33	97 932	15 175,221	238 509,120	15,717	15,249	82	83	30 048	252,772	1 093,702	4,327	3,859
33	34	97 828	14 301,124	223 333,899	15,617	15,149	83	84	26 186	207,819	840,930	4,046	3,578
34	35	97 720	13 476,773	209 032,775	15,511	15,043	84	85	22 355	167,368	633,111	3,783	3,315
35	36	97 602	12 698,586	195 556,002	15,400	14,932	85	86	18 662	131,813	465,743	3,533	3,065
36	37	97 470	11 963,551	182 857,417	15,285	14,817	86	87	15 175	101,115	333,930	3,302	2,835
37	38	97 339	11 271,165	170 893,866	15,162	14,694	87	88	12 002	75,448	232,815	3,086	2,618
38	39	97 191	10 616,990	159 622,701	15,035	14,567	88	89	9 211	54,626	157,367	2,881	2,413
39	40	97 031	9 999,556	149 005,711	14,901	14,433	89	90	6 824	38,179	102,741	2,691	2,223
40	41	96 859	9 416,852	139 006,155	14,761	14,293	90	91	4 870	25,705	64,561	2,512	2,044
41	42	96 664	8 865,890	129 589,303	14,617	14,149	91	92	3 327	16,566	38,857	2,346	1,878
42	43	96 455	8 346,037	120 723,413	14,465	13,997	92	93	2 156	10,127	22,291	2,201	1,733
43	44	96 225	7 854,813	112 377,375	14,307	13,839	93	94	1 323	5,861	12,163	2,075	1,607
44	45	95 969	7 390,519	104 522,562	14,143	13,675	94	95	765	3,198	6,302	1,971	1,503
45	46	95 691	6 951,930	97 132,042	13,972	13,504	95	96	417	1,646	3,104	1,886	1,418
46	47	95 374	6 536,707	90 180,112	13,796	13,328	96	97	218	0,810	1,458	1,801	1,333
47	48	95 029	6 144,411	83 643,405	13,613	13,145	97	98	108	0,380	0,648	1,708	1,240
48	49	94 641	5 772,956	77 498,994	13,424	12,957	98	99	50	0,165	0,269	1,630	1,162
49	50	94 207	5 421,181	71 726,038	13,231	12,763	99	100	21	0,066	0,104	1,562	1,094

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 716 643,196	17,223	16,755
1	3	99 305	93 684,209	1 616 972,617	17,260	16,792
2	4	99 266	88 346,727	1 523 288,408	17,242	16,774
3	5	99 242	83 325,392	1 434 941,681	17,221	16,753
4	6	99 222	78 592,845	1 351 616,289	17,198	16,730
5	7	99 204	74 130,714	1 273 023,443	17,173	16,705
6	8	99 189	69 924,599	1 198 892,729	17,146	16,678
7	9	99 173	65 955,678	1 128 968,130	17,117	16,649
8	10	99 158	62 213,073	1 063 012,452	17,087	16,619
9	11	99 144	58 683,319	1 000 799,379	17,054	16,586
10	12	99 129	55 353,047	942 116,060	17,020	16,552
11	13	99 113	52 211,709	886 763,013	16,984	16,516
12	14	99 096	49 247,708	834 551,304	16,946	16,478
13	15	99 078	46 451,587	785 303,596	16,906	16,438
14	16	99 056	43 812,579	738 852,009	16,864	16,396
15	17	99 030	41 321,798	695 039,430	16,820	16,352
16	18	99 001	38 971,262	653 717,632	16,774	16,306
17	19	98 955	36 748,387	614 746,370	16,729	16,261
18	20	98 907	34 651,435	577 997,982	16,680	16,212
19	21	98 851	32 671,451	543 346,547	16,631	16,163
20	22	98 793	30 804,152	510 675,097	16,578	16,110
21	23	98 731	29 042,396	479 870,944	16,523	16,055
22	24	98 666	27 380,292	450 828,548	16,465	15,997
23	25	98 605	25 814,436	423 448,256	16,404	15,936
24	26	98 541	24 337,519	397 633,821	16,338	15,870
25	27	98 474	22 944,360	373 296,302	16,270	15,802
26	28	98 405	21 630,482	350 351,942	16,197	15,729
27	29	98 334	20 391,360	328 721,460	16,121	15,653
28	30	98 257	19 222,005	308 330,100	16,040	15,573
29	31	98 177	18 119,244	289 108,096	15,956	15,488
30	32	98 090	17 078,386	270 988,851	15,867	15,399
31	33	97 999	16 096,814	253 910,466	15,774	15,306
32	34	97 897	15 169,818	237 813,651	15,677	15,209
33	35	97 790	14 295,530	222 643,834	15,574	15,106
34	36	97 681	13 471,349	208 348,303	15,466	14,998
35	37	97 557	12 692,632	194 876,955	15,354	14,886
36	38	97 425	11 958,045	182 184,323	15,235	14,767
37	39	97 282	11 264,564	170 226,278	15,112	14,644
38	40	97 133	10 610,665	158 961,714	14,981	14,513
39	41	96 965	9 992,769	148 351,048	14,846	14,378
40	42	96 785	9 409,669	138 358,279	14,704	14,236
41	43	96 583	8 858,533	128 948,610	14,556	14,088
42	44	96 369	8 338,527	120 090,077	14,402	13,934
43	45	96 127	7 846,801	111 751,551	14,242	13,774
44	46	95 863	7 382,302	103 904,750	14,075	13,607
45	47	95 569	6 943,103	96 522,448	13,902	13,434
46	48	95 237	6 527,337	89 579,345	13,724	13,256
47	49	94 877	6 134,583	83 052,009	13,538	13,070
48	50	94 470	5 762,499	76 917,426	13,348	12,880
49	51	94 021	5 410,497	71 154,927	13,151	12,683
50	52	93 518	5 076,942	65 744,430	12,950	12,482
51	53	92 960	4 761,001	60 667,488	12,743	12,275
52	54	92 348	4 461,940	55 906,488	12,530	12,062
53	55	91 663	4 178,137	51 444,548	12,313	11,845
54	56	90 904	3 908,989	47 266,411	12,092	11,624
55	57	90 070	3 653,899	43 357,422	11,866	11,398
56	58	89 159	3 412,203	39 703,523	11,636	11,168
57	59	88 159	3 182,971	36 291,320	11,402	10,934
58	60	87 072	2 965,767	33 108,348	11,164	10,696
59	61	85 871	2 759,321	30 142,582	10,924	10,456
60	62	84 601	2 564,623	27 383,260	10,677	10,209
61	63	83 243	2 380,608	24 818,637	10,425	9,957
62	64	81 786	2 206,553	22 438,029	10,169	9,701
63	65	80 205	2 041,424	20 231,476	9,910	9,443
64	66	78 523	1 885,476	18 190,052	9,647	9,179
65	67	76 726	1 738,040	16 304,576	9,381	8,913
66	68	74 814	1 598,812	14 566,536	9,111	8,643
67	69	72 840	1 468,504	12 967,724	8,831	8,363
68	70	70 733	1 345,308	11 499,220	8,548	8,080
69	71	68 564	1 230,248	10 153,912	8,254	7,786
70	72	66 250	1 121,442	8 923,664	7,957	7,489
71	73	63 833	1 019,358	7 802,223	7,654	7,186
72	74	61 312	923,676	6 782,865	7,343	6,875
73	75	58 687	834,089	5 859,188	7,025	6,557
74	76	55 939	750,031	5 025,100	6,700	6,232
75	77	53 026	670,733	4 275,069	6,374	5,906
76	78	49 969	596,286	3 604,336	6,045	5,577
77	79	46 737	526,147	3 008,049	5,717	5,249
78	80	43 333	460,220	2 481,902	5,393	4,925
79	81	39 742	398,188	2 021,682	5,077	4,609
80	82	36 005	340,324	1 623,494	4,770	4,302
81	83	32 189	287,036	1 283,170	4,470	4,002
82	84	28 302	238,090	996,134	4,184	3,716
83	85	24 426	193,849	758,044	3,910	3,443
84	86	20 628	154,444	564,195	3,653	3,185
85	87	17 003	120,094	409,751	3,412	2,944
86	88	13 639	90,883	289,657	3,187	2,719
87	89	10 624	66,785	198,774	2,976	2,508
88	90	8 005	47,474	131,989	2,780	2,312
89	91	5 815	32,531	84,515	2,598	2,130
90	92	4 055	21,403	51,983	2,429	1,961
91	93	2 703	13,459	30,580	2,272	1,804
92	94	1 705	8,009	17,121	2,138	1,670
93	95	1 012	4,483	9,112	2,033	1,565
94	96	574	2,401	4,629	1,928	1,460
95	97	305	1,202	2,228	1,853	1,385
96	98	157	0,586	1,026	1,751	1,283
97	99	75	0,264	0,440	1,667	1,199
98	100	33	0,110	0,176	1,594	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 715 702,125	17,216	16,748
1	4	99 293	93 673,048	1 616 043,415	17,252	16,784
2	5	99 257	88 338,694	1 522 370,367	17,233	16,765
3	6	99 234	83 319,143	1 434 031,673	17,211	16,743
4	7	99 215	78 587,672	1 350 712,530	17,187	16,719
5	8	99 199	74 127,060	1 272 124,858	17,161	16,693
6	9	99 183	69 920,270	1 197 997,798	17,134	16,666
7	10	99 167	65 951,410	1 128 077,528	17,105	16,637
8	11	99 152	62 209,386	1 062 126,118	17,073	16,605
9	12	99 137	58 678,948	999 916,732	17,040	16,573
10	13	99 121	55 348,668	941 237,783	17,006	16,538
11	14	99 105	52 207,233	885 889,115	16,969	16,501
12	15	99 086	49 242,540	833 681,882	16,930	16,462
13	16	99 066	46 445,775	784 439,342	16,889	16,421
14	17	99 042	43 806,397	737 993,567	16,847	16,379
15	18	99 016	41 315,748	694 187,170	16,802	16,334
16	19	98 981	38 963,326	652 871,422	16,756	16,288
17	20	98 936	36 741,294	613 908,095	16,709	16,241
18	21	98 889	34 645,019	577 166,801	16,659	16,191
19	22	98 834	32 666,042	542 521,782	16,608	16,140
20	23	98 776	30 798,822	509 855,741	16,554	16,086
21	24	98 710	29 036,094	479 056,919	16,499	16,031
22	25	98 649	27 375,649	450 020,825	16,439	15,971
23	26	98 586	25 809,622	422 645,176	16,375	15,908
24	27	98 522	24 332,784	396 835,553	16,309	15,841
25	28	98 453	22 939,348	372 502,770	16,239	15,771
26	29	98 381	21 625,088	349 563,422	16,165	15,697
27	30	98 309	20 386,083	327 938,334	16,086	15,618
28	31	98 228	19 216,297	307 552,252	16,005	15,537
29	32	98 146	18 113,461	288 335,955	15,918	15,450
30	33	98 056	17 072,459	270 222,494	15,828	15,360
31	34	97 964	16 091,083	253 150,035	15,732	15,264
32	35	97 858	15 163,885	237 058,952	15,633	15,165
33	36	97 750	14 289,776	221 895,067	15,528	15,060
34	37	97 635	13 465,033	207 605,291	15,418	14,950
35	38	97 512	12 686,790	194 140,258	15,303	14,835
36	39	97 368	11 951,042	181 453,468	15,183	14,715
37	40	97 224	11 257,854	169 502,426	15,056	14,588
38	41	97 067	10 603,464	158 244,573	14,924	14,456
39	42	96 891	9 985,146	147 641,109	14,786	14,318
40	43	96 705	9 401,860	137 655,962	14,641	14,173
41	44	96 496	8 850,561	128 254,102	14,491	14,023
42	45	96 270	8 330,021	119 403,541	14,334	13,866
43	46	96 020	7 838,076	111 073,520	14,171	13,703
44	47	95 741	7 372,928	103 235,444	14,002	13,534
45	48	95 432	6 933,150	95 862,516	13,827	13,359
46	49	95 085	6 516,896	88 929,366	13,646	13,178
47	50	94 705	6 123,470	82 412,471	13,458	12,990
48	51	94 283	5 751,143	76 289,001	13,265	12,797
49	52	93 813	5 398,547	70 537,858	13,066	12,598
50	53	93 288	5 064,476	65 139,311	12,862	12,394
51	54	92 706	4 747,988	60 074,835	12,653	12,185
52	55	92 070	4 448,511	55 326,847	12,437	11,969
53	56	91 359	4 164,293	50 878,336	12,218	11,750
54	57	90 575	3 894,843	46 714,043	11,994	11,526
55	58	89 710	3 639,311	42 819,200	11,766	11,298
56	59	88 765	3 397,154	39 179,889	11,533	11,065
57	60	87 733	3 167,598	35 782,735	11,296	10,829
58	61	86 602	2 949,778	32 615,137	11,057	10,589
59	62	85 391	2 743,883	29 665,359	10,811	10,343
60	63	84 087	2 549,039	26 921,476	10,561	10,093
61	64	82 694	2 364,933	24 372,437	10,306	9,838
62	65	81 190	2 190,473	22 007,505	10,047	9,579
63	66	79 563	2 025,068	19 817,031	9,786	9,318
64	67	77 837	1 869,006	17 791,963	9,519	9,052
65	68	75 982	1 721,190	15 922,958	9,251	8,783
66	69	74 050	1 582,481	14 201,767	8,974	8,506
67	70	72 026	1 452,097	12 619,286	8,690	8,222
68	71	69 871	1 328,918	11 167,189	8,403	7,935
69	72	67 646	1 213,774	9 838,272	8,106	7,638
70	73	65 296	1 105,282	8 624,497	7,803	7,335
71	74	62 844	1 003,575	7 519,215	7,492	7,024
72	75	60 263	907,874	6 515,640	7,177	6,709
73	76	57 568	818,185	5 607,766	6,854	6,386
74	77	54 718	733,661	4 789,581	6,528	6,060
75	78	51 729	654,332	4 055,920	6,199	5,731
76	79	48 565	579,531	3 401,588	5,870	5,402
77	80	45 198	508,825	2 822,057	5,546	5,078
78	81	41 669	442,544	2 313,233	5,227	4,759
79	82	37 991	380,643	1 870,689	4,915	4,447
80	83	34 192	323,192	1 490,046	4,610	4,142
81	84	30 320	270,364	1 166,854	4,316	3,848
82	85	26 400	222,086	896,490	4,037	3,569
83	86	22 540	178,880	674,404	3,770	3,302
84	87	18 794	140,713	495,525	3,522	3,054
85	88	15 282	107,941	354,812	3,287	2,819
86	89	12 073	80,448	246,871	3,069	2,601
87	90	9 233	58,042	166,423	2,867	2,399
88	91	6 821	40,451	108,381	2,679	2,211
89	92	4 842	27,088	67,930	2,508	2,040
90	93	3 295	17,389	40,843	2,349	1,881
91	94	2 138	10,643	23,454	2,204	1,736
92	95	1 304	6,125	12,810	2,091	1,623
93	96	760	3,366	6,685	1,986	1,518
94	97	420	1,754	3,319	1,892	1,424
95	98	220	0,869	1,564	1,799	1,332
96	99	109	0,407	0,695	1,707	1,239
97	100	50	0,177	0,288	1,628	1,160

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 714 692,960	17,208	16,740
1	5	99 284	93 664,530	1 615 046,123	17,243	16,775
2	6	99 250	88 332,069	1 521 381,593	17,223	16,755
3	7	99 228	83 313,659	1 433 049,524	17,201	16,733
4	8	99 210	78 583,798	1 349 735,865	17,176	16,708
5	9	99 193	74 122,471	1 271 152,067	17,149	16,681
6	10	99 177	69 915,745	1 197 029,597	17,121	16,653
7	11	99 161	65 947,502	1 127 113,851	17,091	16,623
8	12	99 145	62 204,753	1 061 166,349	17,059	16,591
9	13	99 129	58 674,306	998 961,596	17,026	16,558
10	14	99 113	55 343,923	940 287,290	16,990	16,522
11	15	99 095	52 201,755	884 943,367	16,952	16,484
12	16	99 073	49 236,380	832 741,612	16,913	16,445
13	17	99 052	46 439,222	783 505,232	16,872	16,404
14	18	99 028	43 799,983	737 066,010	16,828	16,360
15	19	98 995	41 307,334	693 266,027	16,783	16,315
16	20	98 961	38 955,805	651 958,693	16,736	16,268
17	21	98 918	36 734,491	613 002,888	16,687	16,219
18	22	98 872	34 639,283	576 268,397	16,636	16,168
19	23	98 817	32 660,389	541 629,114	16,584	16,116
20	24	98 755	30 792,139	508 968,725	16,529	16,061
21	25	98 693	29 031,170	478 176,586	16,471	16,003
22	26	98 631	27 370,544	449 145,415	16,410	15,942
23	27	98 567	25 804,601	421 774,871	16,345	15,877
24	28	98 500	24 327,469	395 970,271	16,277	15,809
25	29	98 428	22 933,627	371 642,802	16,205	15,737
26	30	98 355	21 619,491	348 709,175	16,129	15,661
27	31	98 280	20 380,029	327 089,683	16,050	15,582
28	32	98 196	19 210,163	306 709,654	15,966	15,498
29	33	98 112	18 107,174	287 499,491	15,878	15,410
30	34	98 021	17 066,380	269 392,316	15,785	15,317
31	35	97 926	16 084,790	252 325,936	15,687	15,219
32	36	97 819	15 157,781	236 241,147	15,585	15,118
33	37	97 705	14 283,077	221 083,365	15,479	15,011
34	38	97 590	13 458,836	206 800,288	15,365	14,897
35	39	97 455	12 679,360	193 341,453	15,249	14,781
36	40	97 310	11 943,922	180 662,092	15,126	14,658
37	41	97 158	11 250,213	168 718,170	14,997	14,529
38	42	96 993	10 595,375	157 467,957	14,862	14,394
39	43	96 811	9 976,861	146 872,582	14,721	14,253
40	44	96 618	9 393,399	136 895,722	14,574	14,106
41	45	96 398	8 841,533	127 502,322	14,421	13,953
42	46	96 163	8 320,758	118 660,789	14,261	13,793
43	47	95 898	7 828,123	110 340,031	14,095	13,627
44	48	95 604	7 362,359	102 511,907	13,924	13,456
45	49	95 279	6 922,060	95 149,549	13,746	13,278
46	50	94 912	6 505,091	88 227,489	13,563	13,095
47	51	94 518	6 111,403	81 722,398	13,372	12,904
48	52	94 075	5 738,440	75 610,996	13,176	12,708
49	53	93 583	5 385,292	69 872,556	12,975	12,507
50	54	93 033	5 050,634	64 487,264	12,768	12,300
51	55	92 427	4 733,698	59 436,630	12,556	12,088
52	56	91 765	4 433,771	54 702,931	12,338	11,870
53	57	91 029	4 149,223	50 269,160	12,115	11,647
54	58	90 213	3 879,294	46 119,937	11,889	11,421
55	59	89 315	3 623,260	42 240,644	11,658	11,190
56	60	88 337	3 380,745	38 617,384	11,423	10,955
57	61	87 260	3 150,521	35 236,638	11,184	10,716
58	62	86 118	2 933,274	32 086,117	10,939	10,471
59	63	84 872	2 727,209	29 152,843	10,690	10,222
60	64	83 533	2 532,255	26 425,634	10,436	9,968
61	65	82 092	2 347,699	23 893,379	10,177	9,709
62	66	80 539	2 172,923	21 545,680	9,916	9,448
63	67	78 868	2 007,378	19 372,758	9,651	9,183
64	68	77 082	1 850,887	17 365,379	9,382	8,914
65	69	75 206	1 703,609	15 514,493	9,107	8,639
66	70	73 223	1 564,801	13 810,884	8,826	8,358
67	71	71 148	1 434,406	12 246,083	8,537	8,069
68	72	68 935	1 311,123	10 811,677	8,246	7,778
69	73	66 671	1 196,285	9 500,554	7,942	7,474
70	74	64 285	1 088,170	8 304,270	7,631	7,163
71	75	61 769	986,406	7 216,100	7,316	6,848
72	76	59 114	890,563	6 229,694	6,995	6,527
73	77	56 311	800,327	5 339,132	6,671	6,203
74	78	53 380	715,722	4 538,805	6,342	5,874
75	79	50 276	635,945	3 823,083	6,012	5,544
76	80	46 966	560,451	3 187,138	5,687	5,219
77	81	43 462	489,282	2 626,687	5,368	4,900
78	82	39 833	423,044	2 137,405	5,052	4,584
79	83	36 079	361,481	1 714,361	4,743	4,275
80	84	32 206	304,420	1 352,881	4,444	3,976
81	85	28 282	252,190	1 048,460	4,157	3,689
82	86	24 361	204,936	796,270	3,885	3,417
83	87	20 536	162,976	591,334	3,628	3,160
84	88	16 892	126,474	428,358	3,387	2,919
85	89	13 527	95,547	301,885	3,160	2,692
86	90	10 492	69,916	206,337	2,951	2,483
87	91	7 867	49,455	136,422	2,758	2,291
88	92	5 680	33,682	86,967	2,582	2,114
89	93	3 934	22,007	53,285	2,421	1,953
90	94	2 605	13,751	31,277	2,275	1,807
91	95	1 635	8,140	17,526	2,153	1,685
92	96	979	4,600	9,386	2,040	1,572
93	97	555	2,459	4,786	1,946	1,478
94	98	303	1,268	2,327	1,835	1,367
95	99	153	0,604	1,058	1,751	1,283
96	100	73	0,273	0,454	1,666	1,198

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 713 610,843	17,198	16,730
1	6	99 277	93 657,506	1 613 973,066	17,233	16,765
2	7	99 243	88 326,254	1 520 315,560	17,212	16,745
3	8	99 223	83 309,552	1 431 989,306	17,189	16,721
4	9	99 204	78 578,933	1 348 679,754	17,163	16,695
5	10	99 186	74 117,675	1 270 100,822	17,136	16,668
6	11	99 171	69 911,602	1 195 983,147	17,107	16,639
7	12	99 153	65 942,590	1 126 071,545	17,077	16,609
8	13	99 137	62 199,831	1 060 128,954	17,044	16,576
9	14	99 121	58 669,277	997 929,123	17,009	16,541
10	15	99 102	55 338,116	939 259,846	16,973	16,505
11	16	99 082	52 195,224	883 921,731	16,935	16,467
12	17	99 059	49 229,433	831 726,507	16,895	16,427
13	18	99 037	46 432,422	782 497,074	16,852	16,384
14	19	99 007	43 791,063	736 064,652	16,809	16,341
15	20	98 976	41 299,361	692 273,588	16,762	16,294
16	21	98 943	38 948,592	650 974,227	16,714	16,246
17	22	98 901	36 728,409	612 025,635	16,664	16,196
18	23	98 855	34 633,289	575 297,226	16,611	16,143
19	24	98 796	32 653,302	540 663,937	16,558	16,090
20	25	98 738	30 786,918	508 010,635	16,501	16,033
21	26	98 675	29 025,757	477 223,717	16,441	15,973
22	27	98 612	27 365,219	448 197,960	16,378	15,910
23	28	98 546	25 798,964	420 832,741	16,312	15,844
24	29	98 476	24 321,402	395 033,777	16,242	15,774
25	30	98 403	22 927,692	370 712,376	16,169	15,701
26	31	98 326	21 613,072	347 784,683	16,091	15,623
27	32	98 248	20 373,524	326 171,612	16,010	15,542
28	33	98 162	19 203,496	305 798,088	15,924	15,456
29	34	98 077	18 100,727	286 594,591	15,833	15,365
30	35	97 982	17 059,705	268 493,864	15,738	15,271
31	36	97 886	16 078,316	251 434,158	15,638	15,170
32	37	97 773	15 150,675	235 355,843	15,534	15,066
33	38	97 660	14 276,503	220 205,168	15,424	14,956
34	39	97 533	13 450,954	205 928,665	15,310	14,842
35	40	97 397	12 671,807	192 477,711	15,189	14,721
36	41	97 244	11 935,816	179 805,904	15,064	14,596
37	42	97 084	11 241,631	167 870,088	14,933	14,465
38	43	96 912	10 586,583	156 628,457	14,795	14,327
39	44	96 723	9 967,882	146 041,874	14,651	14,183
40	45	96 519	9 383,818	136 073,992	14,501	14,033
41	46	96 291	8 831,702	126 690,175	14,345	13,877
42	47	96 041	8 310,193	117 858,473	14,182	13,714
43	48	95 761	7 816,901	109 548,280	14,014	13,546
44	49	95 451	7 350,582	101 731,378	13,840	13,372
45	50	95 107	6 909,521	94 380,796	13,660	13,192
46	51	94 725	6 492,271	87 471,276	13,473	13,005
47	52	94 310	6 097,904	80 979,004	13,280	12,812
48	53	93 844	5 724,350	74 881,100	13,081	12,613
49	54	93 327	5 370,573	69 156,750	12,877	12,409
50	55	92 753	5 035,434	63 786,177	12,667	12,199
51	56	92 121	4 718,014	58 750,743	12,452	11,984
52	57	91 433	4 417,726	54 032,730	12,231	11,763
53	58	90 665	4 132,658	49 615,004	12,006	11,538
54	59	89 815	3 862,184	45 482,346	11,776	11,308
55	60	88 883	3 605,759	41 620,162	11,543	11,075
56	61	87 860	3 362,520	38 014,402	11,305	10,837
57	62	86 772	3 132,894	34 651,883	11,061	10,593
58	63	85 594	2 915,450	31 518,989	10,811	10,343
59	64	84 313	2 709,252	28 603,539	10,558	10,090
60	65	82 925	2 513,802	25 894,287	10,301	9,833
61	66	81 434	2 328,888	23 380,486	10,039	9,571
62	67	79 836	2 153,941	21 051,597	9,774	9,306
63	68	78 103	1 987,918	18 897,656	9,506	9,038
64	69	76 295	1 831,980	16 909,738	9,230	8,762
65	70	74 366	1 684,576	15 077,757	8,950	8,483
66	71	72 331	1 545,736	13 393,182	8,665	8,197
67	72	70 196	1 415,198	11 847,446	8,372	7,904
68	73	67 942	1 292,230	10 432,247	8,073	7,605
69	74	65 639	1 177,763	9 140,017	7,760	7,293
70	75	63 185	1 069,553	7 962,254	7,444	6,977
71	76	60 591	967,597	6 892,701	7,124	6,656
72	77	57 823	871,125	5 925,104	6,802	6,334
73	78	54 934	780,757	5 053,978	6,473	6,005
74	79	51 880	695,610	4 273,221	6,143	5,675
75	80	48 621	615,008	3 577,611	5,817	5,349
76	81	45 162	538,925	2 962,604	5,497	5,029
77	82	41 547	467,723	2 423,679	5,182	4,714
78	83	37 828	401,747	1 955,956	4,869	4,401
79	84	33 983	340,485	1 554,209	4,565	4,097
80	85	30 042	283,957	1 213,723	4,274	3,806
81	86	26 098	232,715	929,766	3,995	3,527
82	87	22 195	186,716	697,051	3,733	3,265
83	88	18 458	146,484	510,335	3,484	3,016
84	89	14 953	111,951	363,851	3,250	2,782
85	90	11 756	83,038	251,899	3,034	2,566
86	91	8 940	59,572	168,861	2,835	2,367
87	92	6 551	41,180	109,289	2,654	2,186
88	93	4 614	27,365	68,109	2,489	2,021
89	94	3 111	17,403	40,744	2,341	1,873
90	95	1 993	10,517	23,341	2,219	1,751
91	96	1 228	6,113	12,824	2,098	1,630
92	97	715	3,360	6,710	1,997	1,529
93	98	401	1,778	3,350	1,884	1,416
94	99	211	0,882	1,572	1,783	1,315
95	100	103	0,405	0,691	1,707	1,239

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 712 447,735	17,188	16,720
1	7	99 270	93 651,341	1 612 817,431	17,222	16,754
2	8	99 238	88 321,900	1 519 166,091	17,200	16,732
3	9	99 217	83 304,394	1 430 844,191	17,176	16,708
4	10	99 198	78 573,848	1 347 539,797	17,150	16,682
5	11	99 180	74 113,283	1 268 965,949	17,122	16,654
6	12	99 164	69 906,395	1 194 852,666	17,092	16,624
7	13	99 145	65 937,373	1 124 946,271	17,061	16,593
8	14	99 129	62 194,500	1 059 008,897	17,027	16,559
9	15	99 110	58 663,120	996 814,398	16,992	16,524
10	16	99 090	55 331,193	938 151,278	16,955	16,487
11	17	99 068	52 187,859	882 820,085	16,916	16,448
12	18	99 045	49 222,225	830 632,226	16,875	16,407
13	19	99 017	46 422,967	781 410,001	16,832	16,364
14	20	98 988	43 782,611	734 987,034	16,787	16,319
15	21	98 958	41 291,714	691 204,424	16,740	16,272
16	22	98 927	38 942,144	649 912,710	16,689	16,221
17	23	98 884	36 722,053	610 970,566	16,638	16,170
18	24	98 834	34 625,774	574 248,513	16,584	16,116
19	25	98 779	32 647,765	539 622,739	16,529	16,061
20	26	98 719	30 781,177	506 974,974	16,470	16,002
21	27	98 656	29 020,110	476 193,797	16,409	15,941
22	28	98 590	27 359,241	447 173,687	16,345	15,877
23	29	98 521	25 792,530	419 814,446	16,277	15,809
24	30	98 450	24 315,108	394 021,916	16,205	15,737
25	31	98 373	22 920,884	369 706,808	16,130	15,662
26	32	98 295	21 606,173	346 785,924	16,050	15,582
27	33	98 214	20 366,454	325 179,751	15,966	15,498
28	34	98 127	19 196,659	304 813,297	15,878	15,410
29	35	98 038	18 093,648	285 616,638	15,785	15,317
30	36	97 943	17 052,839	267 522,990	15,688	15,220
31	37	97 841	16 070,777	250 470,151	15,585	15,117
32	38	97 728	15 143,702	234 399,373	15,478	15,010
33	39	97 603	14 268,142	219 255,671	15,367	14,899
34	40	97 475	13 442,941	204 987,529	15,249	14,781
35	41	97 331	12 663,207	191 544,589	15,126	14,658
36	42	97 170	11 926,711	178 881,382	14,998	14,530
37	43	97 003	11 232,302	166 954,671	14,864	14,396
38	44	96 825	10 577,056	155 722,369	14,723	14,255
39	45	96 625	9 957,714	145 145,313	14,576	14,108
40	46	96 412	9 373,383	135 187,599	14,422	13,955
41	47	96 169	8 820,488	125 814,216	14,264	13,796
42	48	95 903	8 298,280	116 993,728	14,099	13,631
43	49	95 607	7 804,398	108 695,448	13,927	13,459
44	50	95 278	7 337,267	100 891,050	13,750	13,283
45	51	94 919	6 895,905	93 553,783	13,567	13,099
46	52	94 516	6 477,931	86 657,879	13,377	12,909
47	53	94 078	6 082,932	80 179,947	13,181	12,713
48	54	93 588	5 708,705	74 097,016	12,980	12,512
49	55	93 046	5 354,409	68 388,311	12,772	12,304
50	56	92 446	5 018,749	63 033,901	12,560	12,092
51	57	91 788	4 700,940	58 015,152	12,341	11,873
52	58	91 068	4 400,089	53 314,212	12,117	11,649
53	59	90 265	4 114,431	48 914,123	11,888	11,420
54	60	89 381	3 843,529	44 799,692	11,656	11,188
55	61	88 404	3 586,321	40 956,163	11,420	10,952
56	62	87 369	3 343,706	37 369,842	11,176	10,708
57	63	86 245	3 113,856	34 026,136	10,927	10,459
58	64	85 031	2 896,253	30 912,280	10,673	10,205
59	65	83 699	2 689,509	28 016,027	10,417	9,949
60	66	82 260	2 493,661	25 326,518	10,156	9,688
61	67	80 723	2 308,545	22 832,857	9,891	9,423
62	68	79 062	2 133,060	20 524,313	9,622	9,154
63	69	77 305	1 967,612	18 391,252	9,347	8,879
64	70	75 443	1 811,513	16 423,641	9,066	8,598
65	71	73 460	1 664,052	14 612,127	8,781	8,313
66	72	71 362	1 525,038	12 948,076	8,490	8,022
67	73	69 184	1 394,806	11 423,038	8,190	7,722
68	74	66 890	1 272,223	10 028,231	7,882	7,414
69	75	64 516	1 157,613	8 756,008	7,564	7,096
70	76	61 980	1 049,159	7 598,395	7,242	6,774
71	77	59 269	946,479	6 549,236	6,920	6,452
72	78	56 409	849,825	5 602,757	6,593	6,125
73	79	53 391	758,818	4 752,933	6,264	5,796
74	80	50 172	672,708	3 994,115	5,937	5,469
75	81	46 753	591,387	3 321,407	5,616	5,148
76	82	43 172	515,178	2 730,020	5,299	4,831
77	83	39 455	444,177	2 214,842	4,986	4,518
78	84	35 631	378,413	1 770,665	4,679	4,211
79	85	31 699	317,598	1 392,252	4,384	3,916
80	86	27 722	262,029	1 074,654	4,101	3,633
81	87	23 777	212,025	812,625	3,833	3,365
82	88	19 949	167,822	600,600	3,579	3,111
83	89	16 338	129,664	432,778	3,338	2,870
84	90	12 995	97,295	303,113	3,115	2,647
85	91	10 017	70,754	205,818	2,909	2,441
86	92	7 444	49,604	135,065	2,723	2,255
87	93	5 322	33,456	85,461	2,554	2,086
88	94	3 649	21,640	52,005	2,403	1,935
89	95	2 379	13,311	30,364	2,281	1,813
90	96	1 496	7,898	17,054	2,159	1,691
91	97	897	4,466	9,156	2,050	1,582
92	98	517	2,429	4,690	1,931	1,463
93	99	279	1,236	2,261	1,829	1,361
94	100	141	0,590	1,025	1,736	1,268

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 711 196,525	17,177	16,709
1	8	99 266	93 646,724	1 611 572,779	17,209	16,741
2	9	99 232	88 316,432	1 517 926,055	17,187	16,719
3	10	99 210	83 299,004	1 429 609,623	17,162	16,694
4	11	99 192	78 569,192	1 346 310,620	17,135	16,667
5	12	99 173	74 107,763	1 267 741,427	17,107	16,639
6	13	99 156	69 900,865	1 193 633,665	17,076	16,608
7	14	99 137	65 931,721	1 123 732,800	17,044	16,576
8	15	99 118	62 187,973	1 057 801,079	17,010	16,542
9	16	99 098	58 655,781	995 613,106	16,974	16,506
10	17	99 076	55 323,385	936 957,325	16,936	16,468
11	18	99 054	52 180,218	881 633,939	16,896	16,428
12	19	99 025	49 212,201	829 453,721	16,855	16,387
13	20	98 998	46 414,006	780 241,520	16,810	16,343
14	21	98 970	43 774,504	733 827,514	16,764	16,296
15	22	98 942	41 284,878	690 053,011	16,714	16,246
16	23	98 910	38 935,405	648 768,133	16,663	16,195
17	24	98 863	36 714,085	609 832,728	16,610	16,142
18	25	98 817	34 619,902	573 118,643	16,555	16,087
19	26	98 761	32 641,678	538 498,740	16,497	16,029
20	27	98 700	30 775,188	505 857,063	16,437	15,969
21	28	98 634	29 013,771	475 081,875	16,374	15,906
22	29	98 565	27 352,418	446 068,104	16,308	15,840
23	30	98 496	25 785,855	418 715,686	16,238	15,770
24	31	98 421	24 307,888	392 929,831	16,165	15,697
25	32	98 342	22 913,568	368 621,943	16,087	15,620
26	33	98 261	21 598,675	345 708,375	16,006	15,538
27	34	98 179	20 359,202	324 109,700	15,920	15,452
28	35	98 089	19 189,151	303 750,498	15,829	15,361
29	36	97 999	18 086,366	284 561,347	15,733	15,266
30	37	97 897	17 044,844	266 474,982	15,634	15,166
31	38	97 795	16 063,381	249 430,138	15,528	15,060
32	39	97 671	15 134,833	233 366,756	15,419	14,951
33	40	97 544	14 259,643	218 231,923	15,304	14,836
34	41	97 409	13 433,817	203 972,281	15,183	14,716
35	42	97 256	12 653,547	190 538,464	15,058	14,590
36	43	97 089	11 916,814	177 884,917	14,927	14,459
37	44	96 916	11 222,194	165 968,103	14,789	14,321
38	45	96 726	10 566,267	154 745,910	14,645	14,177
39	46	96 517	9 946,642	144 179,643	14,495	14,027
40	47	96 290	9 361,482	134 233,001	14,339	13,871
41	48	96 031	8 807,843	124 871,520	14,177	13,709
42	49	95 750	8 285,006	116 063,676	14,009	13,541
43	50	95 434	7 790,260	107 778,670	13,835	13,367
44	51	95 090	7 322,807	99 988,409	13,654	13,186
45	52	94 710	6 880,673	92 665,602	13,468	13,000
46	53	94 284	6 462,026	85 784,929	13,275	12,807
47	54	93 821	6 066,306	79 322,903	13,076	12,608
48	55	93 306	5 691,524	73 256,597	12,871	12,403
49	56	92 738	5 336,668	67 565,073	12,661	12,193
50	57	92 112	5 000,587	62 228,405	12,444	11,976
51	58	91 421	4 682,172	57 227,818	12,222	11,755
52	59	90 666	4 380,682	52 545,645	11,995	11,527
53	60	89 829	4 094,558	48 164,963	11,763	11,295
54	61	88 899	3 822,809	44 070,405	11,528	11,060
55	62	87 909	3 566,255	40 247,596	11,286	10,818
56	63	86 838	3 323,388	36 681,341	11,037	10,569
57	64	85 677	3 093,353	33 357,954	10,784	10,316
58	65	84 411	2 875,147	30 264,600	10,526	10,058
59	66	83 028	2 667,960	27 389,453	10,266	9,798
60	67	81 542	2 471,877	24 721,493	10,001	9,533
61	68	79 940	2 286,165	22 249,616	9,732	9,264
62	69	78 254	2 111,271	19 963,451	9,456	8,988
63	70	76 442	1 945,629	17 852,180	9,176	8,708
64	71	74 523	1 789,442	15 906,550	8,889	8,421
65	72	72 476	1 641,769	14 117,108	8,599	8,131
66	73	70 334	1 503,063	12 475,338	8,300	7,832
67	74	68 113	1 373,211	10 972,275	7,990	7,522
68	75	65 746	1 250,457	9 599,064	7,676	7,208
69	76	63 286	1 135,540	8 348,607	7,352	6,884
70	77	60 627	1 026,260	7 213,066	7,028	6,561
71	78	57 820	923,335	6 186,806	6,700	6,233
72	79	54 824	825,944	5 263,471	6,373	5,905
73	80	51 633	733,835	4 437,527	6,047	5,579
74	81	48 245	646,871	3 703,691	5,726	5,258
75	82	44 693	565,329	3 056,821	5,407	4,939
76	83	40 999	489,244	2 491,492	5,093	4,625
77	84	37 164	418,378	2 002,249	4,786	4,318
78	85	33 236	352,976	1 583,871	4,487	4,019
79	86	29 251	293,072	1 230,895	4,200	3,732
80	87	25 257	238,733	937,822	3,928	3,460
81	88	21 371	190,570	699,089	3,668	3,200
82	89	17 659	148,552	508,519	3,423	2,955
83	90	14 199	112,689	359,967	3,194	2,726
84	91	11 073	82,901	247,278	2,983	2,515
85	92	8 341	58,914	164,377	2,790	2,322
86	93	6 048	40,300	105,463	2,617	2,149
87	94	4 209	26,457	65,162	2,463	1,995
88	95	2 791	16,551	38,705	2,339	1,871
89	96	1 787	9,996	22,154	2,216	1,748
90	97	1 093	5,770	12,159	2,107	1,639
91	98	648	3,229	6,389	1,979	1,511
92	99	360	1,689	3,160	1,871	1,403
93	100	187	0,828	1,471	1,778	1,310

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 709 850,496	17,164	16,696
1	9	99 259	93 640,926	1 610 231,661	17,196	16,728
2	10	99 226	88 310,717	1 516 590,735	17,173	16,705
3	11	99 205	83 294,068	1 428 280,018	17,147	16,679
4	12	99 184	78 563,340	1 344 985,950	17,120	16,652
5	13	99 165	74 101,900	1 266 422,610	17,090	16,622
6	14	99 147	69 894,873	1 192 320,710	17,059	16,591
7	15	99 127	65 924,802	1 122 425,838	17,026	16,558
8	16	99 106	62 180,193	1 056 501,035	16,991	16,523
9	17	99 084	58 647,505	994 320,842	16,954	16,486
10	18	99 061	55 315,285	935 673,337	16,915	16,447
11	19	99 033	52 169,592	880 358,052	16,875	16,407
12	20	99 006	49 202,702	828 188,460	16,832	16,364
13	21	98 979	46 405,412	778 985,758	16,787	16,319
14	22	98 954	43 767,256	732 580,347	16,738	16,270
15	23	98 924	41 277,733	688 813,090	16,687	16,219
16	24	98 888	38 926,957	647 535,357	16,635	16,167
17	25	98 846	36 707,860	608 608,400	16,580	16,112
18	26	98 799	34 613,447	571 900,541	16,522	16,055
19	27	98 741	32 635,326	537 287,093	16,463	15,995
20	28	98 679	30 768,466	504 651,767	16,402	15,934
21	29	98 610	29 006,535	473 883,301	16,337	15,869
22	30	98 540	27 345,340	444 876,766	16,269	15,801
23	31	98 466	25 778,199	417 531,427	16,197	15,729
24	32	98 390	24 300,129	391 753,228	16,121	15,653
25	33	98 308	22 905,616	367 453,099	16,042	15,574
26	34	98 226	21 590,985	344 547,483	15,958	15,490
27	35	98 141	20 351,239	322 956,499	15,869	15,401
28	36	98 049	19 181,428	302 605,259	15,776	15,308
29	37	97 953	18 077,886	283 423,832	15,678	15,210
30	38	97 852	17 036,999	265 345,946	15,575	15,107
31	39	97 738	16 053,974	248 308,946	15,467	14,999
32	40	97 613	15 125,817	232 254,973	15,355	14,887
33	41	97 478	14 249,965	217 129,156	15,237	14,769
34	42	97 335	13 423,569	202 879,191	15,114	14,646
35	43	97 176	12 643,046	189 455,622	14,985	14,517
36	44	97 002	11 906,090	176 812,576	14,851	14,383
37	45	96 817	11 210,747	164 906,486	14,710	14,242
38	46	96 619	10 554,517	153 695,739	14,562	14,094
39	47	96 395	9 934,012	143 141,222	14,409	13,941
40	48	96 152	9 348,061	133 207,210	14,250	13,782
41	49	95 877	8 793,754	123 859,148	14,085	13,617
42	50	95 577	8 269,999	115 065,394	13,914	13,446
43	51	95 246	7 774,908	106 795,395	13,736	13,268
44	52	94 880	7 306,633	99 020,487	13,552	13,084
45	53	94 477	6 863,779	91 713,854	13,362	12,894
46	54	94 026	6 444,364	84 850,075	13,167	12,699
47	55	93 539	6 048,049	78 405,711	12,964	12,496
48	56	92 997	5 672,665	72 357,662	12,755	12,288
49	57	92 402	5 317,355	66 684,996	12,541	12,073
50	58	91 744	4 980,623	61 367,641	12,321	11,853
51	59	91 018	4 661,521	56 387,017	12,096	11,628
52	60	90 229	4 359,524	51 725,496	11,865	11,397
53	61	89 345	4 072,484	47 365,972	11,631	11,163
54	62	88 402	3 801,420	43 293,488	11,389	10,921
55	63	87 375	3 544,584	39 492,068	11,142	10,674
56	64	86 266	3 301,505	35 947,484	10,888	10,420
57	65	85 053	3 070,811	32 645,979	10,631	10,163
58	66	83 735	2 852,111	29 575,168	10,370	9,902
59	67	82 303	2 644,654	26 723,057	10,105	9,637
60	68	80 751	2 447,914	24 078,403	9,836	9,368
61	69	79 124	2 262,812	21 630,489	9,559	9,091
62	70	77 380	2 087,684	19 367,677	9,277	8,809
63	71	75 510	1 921,925	17 279,993	8,991	8,523
64	72	73 526	1 765,481	15 358,068	8,699	8,231
65	73	71 432	1 618,113	13 592,587	8,400	7,932
66	74	69 245	1 479,792	11 974,475	8,092	7,624
67	75	66 948	1 349,718	10 494,683	7,775	7,308
68	76	64 492	1 226,614	9 144,965	7,455	6,987
69	77	61 905	1 110,756	7 918,351	7,129	6,661
70	78	59 145	1 001,166	6 807,595	6,800	6,332
71	79	56 195	897,389	5 806,429	6,470	6,002
72	80	53 019	798,752	4 909,040	6,146	5,678
73	81	49 650	705,650	4 110,288	5,825	5,357
74	82	46 119	618,368	3 404,638	5,506	5,038
75	83	42 443	536,869	2 786,270	5,190	4,722
76	84	38 617	460,827	2 249,401	4,881	4,413
77	85	34 666	390,254	1 788,574	4,583	4,115
78	86	30 669	325,719	1 398,319	4,293	3,825
79	87	26 650	267,016	1 072,601	4,017	3,549
80	88	22 701	214,576	805,585	3,754	3,286
81	89	18 917	168,688	591,009	3,504	3,036
82	90	15 347	129,104	422,321	3,271	2,803
83	91	12 099	96,018	293,218	3,054	2,586
84	92	9 220	69,029	197,200	2,857	2,389
85	93	6 777	47,864	128,170	2,678	2,210
86	94	4 783	31,870	80,306	2,520	2,052
87	95	3 219	20,235	48,436	2,394	1,926
88	96	2 096	12,429	28,201	2,269	1,801
89	97	1 305	7,302	15,772	2,160	1,692
90	98	790	4,171	8,470	2,031	1,563
91	99	451	2,245	4,299	1,915	1,447
92	100	241	1,131	2,054	1,817	1,349

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 708 401,851	17,150	16,682
1	10	99 253	93 634,867	1 608 789,184	17,182	16,714
2	11	99 220	88 305,485	1 515 154,317	17,158	16,690
3	12	99 197	83 287,864	1 426 848,832	17,132	16,664
4	13	99 177	78 557,125	1 343 560,969	17,103	16,635
5	14	99 157	74 095,548	1 265 003,844	17,073	16,605
6	15	99 137	69 887,538	1 190 908,296	17,040	16,572
7	16	99 114	65 916,555	1 121 020,758	17,007	16,539
8	17	99 092	62 171,420	1 055 104,203	16,971	16,503
9	18	99 069	58 638,918	992 932,784	16,933	16,465
10	19	99 041	55 304,021	934 293,866	16,894	16,426
11	20	99 014	52 159,522	878 989,845	16,852	16,384
12	21	98 987	49 193,591	826 830,323	16,808	16,340
13	22	98 963	46 397,729	777 636,732	16,760	16,292
14	23	98 936	43 759,683	731 239,004	16,710	16,242
15	24	98 903	41 268,777	687 479,321	16,659	16,191
16	25	98 871	38 920,356	646 210,544	16,603	16,135
17	26	98 827	36 701,015	607 290,188	16,547	16,079
18	27	98 779	34 606,712	570 589,173	16,488	16,020
19	28	98 720	32 628,198	535 982,461	16,427	15,959
20	29	98 654	30 760,792	503 354,263	16,364	15,896
21	30	98 584	28 999,029	472 593,471	16,297	15,829
22	31	98 511	27 337,220	443 594,442	16,227	15,759
23	32	98 435	25 769,970	416 257,222	16,153	15,685
24	33	98 355	24 291,696	390 487,252	16,075	15,607
25	34	98 273	22 897,460	366 195,556	15,993	15,525
26	35	98 187	21 582,540	343 298,096	15,906	15,438
27	36	98 101	20 343,048	321 715,556	15,815	15,347
28	37	98 003	19 172,434	301 372,508	15,719	15,251
29	38	97 908	18 069,566	282 200,073	15,617	15,149
30	39	97 795	17 027,022	264 130,507	15,512	15,044
31	40	97 680	16 044,410	247 103,485	15,401	14,933
32	41	97 546	15 115,551	231 059,075	15,286	14,818
33	42	97 404	14 239,094	215 943,524	15,166	14,698
34	43	97 254	13 412,430	201 704,430	15,039	14,571
35	44	97 088	12 631,669	188 292,000	14,906	14,438
36	45	96 903	11 893,945	175 660,332	14,769	14,301
37	46	96 709	11 198,281	163 766,387	14,624	14,156
38	47	96 496	10 541,116	152 568,106	14,474	14,006
39	48	96 257	9 919,771	142 026,990	14,318	13,850
40	49	95 998	9 333,109	132 107,218	14,155	13,687
41	50	95 703	8 777,825	122 774,110	13,987	13,519
42	51	95 388	8 253,701	113 996,285	13,812	13,344
43	52	95 036	7 757,735	105 742,584	13,631	13,163
44	53	94 647	7 288,693	97 984,848	13,443	12,975
45	54	94 219	6 845,019	90 696,155	13,250	12,782
46	55	93 743	6 424,969	83 851,136	13,051	12,583
47	56	93 229	6 028,009	77 426,167	12,844	12,376
48	57	92 660	5 652,137	71 398,158	12,632	12,164
49	58	92 033	5 296,127	65 746,021	12,414	11,946
50	59	91 339	4 958,656	60 449,894	12,191	11,723
51	60	90 578	4 639,006	55 491,238	11,962	11,494
52	61	89 742	4 336,021	50 852,232	11,728	11,260
53	62	88 845	4 049,698	46 516,210	11,486	11,018
54	63	87 865	3 778,320	42 466,512	11,240	10,772
55	64	86 800	3 521,245	38 688,192	10,987	10,519
56	65	85 637	3 277,446	35 166,947	10,730	10,262
57	66	84 371	3 046,207	31 889,501	10,469	10,001
58	67	83 003	2 827,196	28 843,294	10,202	9,734
59	68	81 505	2 619,016	26 016,098	9,934	9,466
60	69	79 926	2 422,909	23 397,082	9,657	9,189
61	70	78 240	2 237,531	20 974,172	9,374	8,906
62	71	76 437	2 062,249	18 736,641	9,086	8,618
63	72	74 499	1 896,189	16 674,393	8,794	8,326
64	73	72 466	1 740,042	14 778,203	8,493	8,025
65	74	70 326	1 593,060	13 038,161	8,184	7,716
66	75	68 060	1 454,475	11 445,101	7,869	7,401
67	76	65 671	1 323,982	9 990,626	7,546	7,078
68	77	63 085	1 199,842	8 666,645	7,223	6,755
69	78	60 391	1 083,596	7 466,803	6,891	6,423
70	79	57 483	973,033	6 383,207	6,560	6,092
71	80	54 345	867,844	5 410,174	6,234	5,766
72	81	50 983	768,073	4 542,329	5,914	5,446
73	82	47 462	674,557	3 774,256	5,595	5,127
74	83	43 797	587,238	3 099,699	5,278	4,810
75	84	39 978	505,687	2 512,461	4,968	4,500
76	85	36 022	429,850	2 006,774	4,669	4,201
77	86	31 989	360,118	1 576,924	4,379	3,911
78	87	27 942	296,760	1 216,806	4,100	3,632
79	88	23 953	239,997	920,046	3,834	3,366
80	89	20 095	189,937	680,049	3,580	3,112
81	90	16 441	146,604	490,112	3,343	2,875
82	91	13 076	110,004	343,509	3,123	2,655
83	92	10 074	79,951	233,504	2,921	2,453
84	93	7 491	56,082	153,553	2,738	2,270
85	94	5 359	37,851	97,471	2,575	2,107
86	95	3 658	24,375	59,620	2,446	1,978
87	96	2 417	15,196	35,245	2,319	1,851
88	97	1 531	9,080	20,049	2,208	1,740
89	98	944	5,279	10,970	2,078	1,610
90	99	549	2,900	5,691	1,962	1,494
91	100	302	1,503	2,791	1,857	1,389

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 706 845,507	17,136	16,668
1	11	99 247	93 629,319	1 607 239,285	17,166	16,698
2	12	99 213	88 298,907	1 513 609,966	17,142	16,674
3	13	99 189	83 281,274	1 425 311,059	17,114	16,646
4	14	99 168	78 550,391	1 342 029,785	17,085	16,617
5	15	99 146	74 087,772	1 263 479,394	17,054	16,586
6	16	99 124	69 878,795	1 189 391,622	17,021	16,553
7	17	99 100	65 907,254	1 119 512,827	16,986	16,518
8	18	99 077	62 162,317	1 053 605,572	16,949	16,481
9	19	99 049	58 626,976	991 443,256	16,911	16,443
10	20	99 022	55 293,346	932 816,279	16,870	16,402
11	21	98 996	52 149,864	877 522,934	16,827	16,359
12	22	98 971	49 185,447	825 373,070	16,781	16,313
13	23	98 946	46 389,700	776 187,624	16,732	16,264
14	24	98 915	43 750,187	729 797,924	16,681	16,213
15	25	98 886	41 261,779	686 047,736	16,627	16,159
16	26	98 853	38 913,099	644 785,958	16,570	16,102
17	27	98 808	36 693,874	605 872,859	16,512	16,044
18	28	98 758	34 599,153	569 178,985	16,451	15,983
19	29	98 695	32 620,061	534 579,832	16,388	15,920
20	30	98 628	30 752,832	501 959,771	16,322	15,854
21	31	98 555	28 990,418	471 206,939	16,254	15,786
22	32	98 479	27 328,494	442 216,521	16,182	15,714
23	33	98 401	25 761,027	414 888,027	16,105	15,637
24	34	98 320	24 283,047	389 127,000	16,025	15,557
25	35	98 235	22 888,505	364 843,953	15,940	15,472
26	36	98 148	21 573,853	341 955,449	15,850	15,382
27	37	98 055	20 333,511	320 381,595	15,756	15,288
28	38	97 958	19 163,611	300 048,085	15,657	15,189
29	39	97 851	18 058,983	280 884,474	15,554	15,086
30	40	97 736	17 016,878	262 825,490	15,445	14,977
31	41	97 614	16 033,521	245 808,612	15,331	14,863
32	42	97 472	15 104,020	229 775,091	15,213	14,745
33	43	97 323	14 227,278	214 671,071	15,089	14,621
34	44	97 166	13 400,360	200 443,793	14,958	14,490
35	45	96 989	12 618,784	187 043,433	14,823	14,355
36	46	96 795	11 880,719	174 424,649	14,681	14,213
37	47	96 587	11 184,062	162 543,930	14,534	14,066
38	48	96 358	10 526,005	151 359,868	14,380	13,912
39	49	96 103	9 903,904	140 833,863	14,220	13,752
40	50	95 824	9 316,202	130 929,959	14,054	13,586
41	51	95 515	8 760,527	121 613,757	13,882	13,414
42	52	95 178	8 235,471	112 853,230	13,703	13,235
43	53	94 802	7 738,688	104 617,760	13,519	13,051
44	54	94 389	7 268,772	96 879,072	13,328	12,860
45	55	93 935	6 824,418	89 610,300	13,131	12,663
46	56	93 433	6 403,681	82 785,882	12,928	12,460
47	57	92 891	6 006,195	76 382,201	12,717	12,249
48	58	92 290	5 629,572	70 376,006	12,501	12,033
49	59	91 628	5 272,768	64 746,434	12,279	11,811
50	60	90 898	4 934,706	59 473,666	12,052	11,584
51	61	90 090	4 613,997	54 538,960	11,820	11,352
52	62	89 240	4 311,761	49 924,963	11,579	11,111
53	63	88 305	4 025,090	45 613,202	11,332	10,864
54	64	87 286	3 753,442	41 588,113	11,080	10,612
55	65	86 167	3 495,584	37 834,671	10,824	10,356
56	66	84 951	3 251,186	34 339,086	10,562	10,094
57	67	83 634	3 019,597	31 087,900	10,295	9,827
58	68	82 199	2 799,788	28 068,303	10,025	9,557
59	69	80 672	2 592,263	25 268,514	9,748	9,280
60	70	79 033	2 395,840	22 676,251	9,465	8,997
61	71	77 286	2 210,270	20 280,411	9,176	8,708
62	72	75 414	2 034,634	18 070,141	8,881	8,413
63	73	73 426	1 868,867	16 035,506	8,580	8,112
64	74	71 344	1 713,101	14 166,640	8,270	7,802
65	75	69 122	1 565,805	12 453,538	7,953	7,485
66	76	66 762	1 426,742	10 887,733	7,631	7,163
67	77	64 238	1 295,084	9 460,992	7,305	6,837
68	78	61 542	1 170,504	8 165,907	6,976	6,508
69	79	58 694	1 053,147	6 995,403	6,642	6,174
70	80	55 590	940,997	5 942,257	6,315	5,847
71	81	52 258	834,512	5 001,259	5,993	5,525
72	82	48 737	734,230	4 166,747	5,675	5,207
73	83	45 073	640,599	3 432,517	5,358	4,890
74	84	41 254	553,130	2 791,918	5,047	4,580
75	85	37 291	471,694	2 238,788	4,746	4,278
76	86	33 240	396,657	1 767,094	4,455	3,987
77	87	29 145	328,101	1 370,438	4,177	3,709
78	88	25 115	266,731	1 042,336	3,908	3,440
79	89	21 203	212,439	775,606	3,651	3,183
80	90	17 464	165,071	563,167	3,412	2,944
81	91	14 009	124,916	398,096	3,187	2,719
82	92	10 888	91,597	273,180	2,982	2,514
83	93	8 185	64,955	181,584	2,796	2,328
84	94	5 924	44,350	116,628	2,630	2,162
85	95	4 099	28,950	72,278	2,497	2,029
86	96	2 747	18,305	43,329	2,367	1,899
87	97	1 766	11,101	25,024	2,254	1,786
88	98	1 107	6,564	13,923	2,121	1,653
89	99	656	3,670	7,359	2,005	1,537
90	100	368	1,942	3,689	1,900	1,432

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 705 175,132	17,120	16,652
1	12	99 240	93 622,345	1 605 574,813	17,149	16,682
2	13	99 205	88 291,922	1 511 952,468	17,124	16,657
3	14	99 181	83 274,136	1 423 660,546	17,096	16,628
4	15	99 158	78 542,148	1 340 386,411	17,066	16,598
5	16	99 134	74 078,504	1 261 844,263	17,034	16,566
6	17	99 110	69 868,935	1 187 765,759	17,000	16,532
7	18	99 086	65 897,604	1 117 896,824	16,964	16,496
8	19	99 057	62 149,658	1 051 999,220	16,927	16,459
9	20	99 030	58 615,660	989 849,562	16,887	16,419
10	21	99 004	55 283,107	931 233,902	16,845	16,377
11	22	98 980	52 141,230	875 950,795	16,800	16,332
12	23	98 954	49 176,935	823 809,565	16,752	16,284
13	24	98 924	46 379,634	774 632,630	16,702	16,234
14	25	98 898	43 742,769	728 252,996	16,649	16,181
15	26	98 868	41 254,085	684 510,227	16,593	16,125
16	27	98 834	38 905,527	643 256,142	16,534	16,066
17	28	98 787	36 685,859	604 350,615	16,474	16,006
18	29	98 733	34 590,524	567 664,756	16,411	15,943
19	30	98 670	32 611,619	533 074,231	16,346	15,878
20	31	98 599	30 743,700	500 462,612	16,279	15,811
21	32	98 523	28 981,164	469 718,912	16,208	15,740
22	33	98 445	27 319,010	440 737,748	16,133	15,665
23	34	98 366	25 751,855	413 418,738	16,054	15,586
24	35	98 282	24 273,549	387 666,883	15,971	15,503
25	36	98 195	22 879,293	363 393,334	15,883	15,415
26	37	98 102	21 563,739	340 514,041	15,791	15,323
27	38	98 010	20 324,153	318 950,303	15,693	15,225
28	39	97 901	19 152,388	298 626,150	15,592	15,124
29	40	97 792	18 048,226	279 473,762	15,485	15,017
30	41	97 670	17 005,329	261 425,537	15,373	14,905
31	42	97 539	16 021,290	244 420,208	15,256	14,788
32	43	97 391	15 091,487	228 398,918	15,134	14,666
33	44	97 235	14 214,474	213 307,431	15,006	14,538
34	45	97 067	13 386,691	199 092,957	14,872	14,404
35	46	96 881	12 604,752	185 706,266	14,733	14,265
36	47	96 672	11 865,634	173 101,514	14,588	14,121
37	48	96 448	11 168,029	161 235,880	14,437	13,969
38	49	96 204	10 509,168	150 067,851	14,280	13,812
39	50	95 929	9 885,964	139 558,683	14,117	13,649
40	51	95 635	9 297,843	129 672,719	13,947	13,479
41	52	95 304	8 741,177	120 374,876	13,771	13,303
42	53	94 944	8 215,250	111 633,700	13,589	13,121
43	54	94 543	7 717,537	103 418,450	13,400	12,932
44	55	94 104	7 246,896	95 700,913	13,206	12,738
45	56	93 624	6 801,806	88 454,017	13,004	12,537
46	57	93 095	6 380,506	81 652,211	12,797	12,329
47	58	92 520	5 982,216	75 271,704	12,583	12,115
48	59	91 883	5 604,742	69 289,488	12,363	11,895
49	60	91 185	5 247,301	63 684,746	12,137	11,669
50	61	90 408	4 908,103	58 437,445	11,906	11,438
51	62	89 586	4 588,182	53 529,343	11,667	11,199
52	63	88 698	4 285,560	48 941,161	11,420	10,952
53	64	87 724	3 998,587	44 655,601	11,168	10,700
54	65	86 650	3 726,089	40 657,014	10,911	10,443
55	66	85 477	3 467,577	36 930,925	10,650	10,182
56	67	84 209	3 222,786	33 463,348	10,383	9,915
57	68	82 823	2 990,324	30 240,562	10,113	9,645
58	69	81 359	2 771,189	27 250,238	9,833	9,365
59	70	79 771	2 563,302	24 479,049	9,550	9,082
60	71	78 070	2 366,650	21 915,747	9,260	8,792
61	72	76 252	2 180,674	19 549,096	8,965	8,497
62	73	74 327	2 005,317	17 368,422	8,661	8,193
63	74	72 289	1 839,931	15 363,106	8,350	7,882
64	75	70 124	1 683,793	13 523,174	8,031	7,563
65	76	67 804	1 535,949	11 839,382	7,708	7,240
66	77	65 305	1 395,602	10 303,433	7,383	6,915
67	78	62 667	1 263,417	8 907,831	7,051	6,583
68	79	59 813	1 137,612	7 644,414	6,720	6,252
69	80	56 762	1 018,473	6 506,802	6,389	5,921
70	81	53 455	904,856	5 488,328	6,065	5,597
71	82	49 955	797,742	4 583,472	5,746	5,278
72	83	46 283	697,268	3 785,731	5,429	4,961
73	84	42 455	603,392	3 088,463	5,119	4,651
74	85	38 480	515,948	2 485,071	4,817	4,349
75	86	34 411	435,269	1 969,123	4,524	4,056
76	87	30 285	361,391	1 533,854	4,244	3,776
77	88	26 196	294,901	1 172,463	3,976	3,508
78	89	22 231	236,103	877,563	3,717	3,249
79	90	18 427	184,627	641,459	3,474	3,006
80	91	14 880	140,651	456,833	3,248	2,780
81	92	11 664	104,013	316,182	3,040	2,572
82	93	8 846	74,417	212,169	2,851	2,383
83	94	6 472	51,367	137,752	2,682	2,214
84	95	4 531	33,920	86,385	2,547	2,079
85	96	3 078	21,740	52,465	2,413	1,945
86	97	2 007	13,372	30,725	2,298	1,830
87	98	1 277	8,025	17,353	2,162	1,694
88	99	770	4,564	9,328	2,044	1,576
89	100	439	2,457	4,764	1,939	1,471

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 703 383,220	17,103	16,635
1	13	99 232	93 614,938	1 603 790,319	17,132	16,664
2	14	99 196	88 284,353	1 510 175,382	17,106	16,638
3	15	99 170	83 265,397	1 421 891,028	17,077	16,609
4	16	99 145	78 532,322	1 338 625,631	17,046	16,578
5	17	99 120	74 068,051	1 260 093,309	17,013	16,545
6	18	99 096	69 858,705	1 186 025,258	16,977	16,510
7	19	99 065	65 884,185	1 116 166,553	16,941	16,473
8	20	99 038	62 137,661	1 050 282,368	16,903	16,435
9	21	99 012	58 604,806	988 144,707	16,861	16,393
10	22	98 987	55 273,955	929 539,901	16,817	16,349
11	23	98 962	52 132,207	874 265,946	16,770	16,302
12	24	98 932	49 166,265	822 133,739	16,722	16,254
13	25	98 908	46 371,769	772 967,475	16,669	16,201
14	26	98 880	43 734,612	726 595,705	16,614	16,146
15	27	98 849	41 246,058	682 861,093	16,556	16,088
16	28	98 812	38 897,029	641 615,035	16,495	16,027
17	29	98 762	36 676,710	602 718,006	16,433	15,965
18	30	98 708	34 581,573	566 041,296	16,368	15,900
19	31	98 640	32 601,936	531 459,723	16,301	15,834
20	32	98 568	30 733,887	498 857,787	16,232	15,764
21	33	98 489	28 971,106	468 123,900	16,158	15,690
22	34	98 410	27 309,283	439 152,793	16,081	15,613
23	35	98 327	25 741,783	411 843,510	15,999	15,531
24	36	98 242	24 263,779	386 101,727	15,913	15,445
25	37	98 149	22 868,566	361 837,948	15,823	15,355
26	38	98 057	21 553,814	338 969,382	15,727	15,259
27	39	97 953	20 312,249	317 415,568	15,627	15,159
28	40	97 843	19 140,978	297 103,318	15,522	15,054
29	41	97 726	18 035,976	277 962,340	15,412	14,944
30	42	97 595	16 992,356	259 926,364	15,297	14,829
31	43	97 458	16 007,995	242 934,007	15,176	14,708
32	44	97 304	15 077,905	226 926,012	15,050	14,582
33	45	97 136	14 199,975	211 848,107	14,919	14,451
34	46	96 959	13 371,805	197 648,132	14,781	14,313
35	47	96 758	12 588,748	184 276,326	14,638	14,170
36	48	96 534	11 848,624	171 687,579	14,490	14,022
37	49	96 294	11 150,165	159 838,955	14,335	13,867
38	50	96 029	10 490,131	148 688,790	14,174	13,706
39	51	95 739	9 866,482	138 198,659	14,007	13,539
40	52	95 424	9 277,306	128 332,177	13,833	13,365
41	53	95 070	8 719,714	119 054,871	13,654	13,186
42	54	94 684	8 192,797	110 335,156	13,467	12,999
43	55	94 259	7 694,310	102 142,360	13,275	12,807
44	56	93 793	7 222,884	94 448,050	13,076	12,608
45	57	93 285	6 777,191	87 225,166	12,870	12,402
46	58	92 723	6 355,034	80 447,975	12,659	12,191
47	59	92 112	5 955,831	74 092,941	12,440	11,972
48	60	91 440	5 577,671	68 137,110	12,216	11,748
49	61	90 693	5 219,012	62 559,438	11,987	11,519
50	62	89 902	4 880,641	57 340,426	11,749	11,281
51	63	89 042	4 560,301	52 459,785	11,504	11,036
52	64	88 114	4 257,342	47 899,484	11,251	10,783
53	65	87 085	3 969,448	43 642,142	10,995	10,527
54	66	85 956	3 696,235	39 672,694	10,733	10,265
55	67	84 730	3 437,287	35 976,459	10,467	9,999
56	68	83 393	3 191,543	32 539,172	10,195	9,727
57	69	81 977	2 959,778	29 347,629	9,915	9,448
58	70	80 450	2 740,229	26 387,851	9,630	9,162
59	71	78 799	2 532,072	23 647,622	9,339	8,871
60	72	77 025	2 334,960	21 115,550	9,043	8,575
61	73	75 153	2 149,252	18 780,590	8,738	8,270
62	74	73 176	1 974,269	16 631,338	8,424	7,956
63	75	71 052	1 808,453	14 657,069	8,105	7,637
64	76	68 786	1 651,687	12 848,616	7,779	7,311
65	77	66 325	1 502,425	11 196,929	7,453	6,985
66	78	63 708	1 361,476	9 694,504	7,121	6,653
67	79	60 906	1 227,915	8 333,027	6,786	6,318
68	80	57 843	1 100,158	7 105,113	6,458	5,990
69	81	54 581	979,356	6 004,954	6,132	5,664
70	82	51 100	864,985	5 025,598	5,810	5,342
71	83	47 440	757,582	4 160,613	5,492	5,024
72	84	43 595	656,769	3 403,031	5,181	4,714
73	85	39 601	562,831	2 746,262	4,879	4,411
74	86	35 509	476,106	2 183,431	4,586	4,118
75	87	31 352	396,570	1 707,325	4,305	3,837
76	88	27 220	324,822	1 310,754	4,035	3,567
77	89	23 188	261,039	985,933	3,777	3,309
78	90	19 321	205,193	724,894	3,533	3,065
79	91	15 701	157,314	519,701	3,304	2,836
80	92	12 390	117,115	362,387	3,094	2,626
81	93	9 477	84,504	245,272	2,902	2,435
82	94	6 996	58,849	160,768	2,732	2,264
83	95	4 950	39,287	101,919	2,594	2,126
84	96	3 402	25,473	62,632	2,459	1,991
85	97	2 248	15,882	37,159	2,340	1,872
86	98	1 451	9,667	21,278	2,201	1,733
87	99	888	5,580	11,611	2,081	1,613
88	100	515	3,055	6,031	1,974	1,506

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 701 464,071	17,086	16,618
1	14	99 223	93 606,913	1 601 879,050	17,113	16,645
2	15	99 186	88 275,089	1 508 272,136	17,086	16,618
3	16	99 158	83 254,980	1 419 997,047	17,056	16,588
4	17	99 131	78 521,241	1 336 742,067	17,024	16,556
5	18	99 105	74 057,206	1 258 220,826	16,990	16,522
6	19	99 076	69 844,479	1 184 163,620	16,954	16,486
7	20	99 046	65 871,467	1 114 319,141	16,917	16,449
8	21	99 020	62 126,155	1 048 447,673	16,876	16,408
9	22	98 995	58 595,104	986 321,518	16,833	16,365
10	23	98 970	55 264,390	927 726,414	16,787	16,319
11	24	98 941	52 120,895	872 462,025	16,739	16,271
12	25	98 915	49 157,927	820 341,130	16,688	16,220
13	26	98 889	46 363,123	771 183,202	16,634	16,166
14	27	98 861	43 726,103	724 820,079	16,576	16,108
15	28	98 827	41 237,049	681 093,976	16,517	16,049
16	29	98 787	38 887,328	639 856,928	16,454	15,986
17	30	98 736	36 667,219	600 969,599	16,390	15,922
18	31	98 678	34 571,305	564 302,380	16,323	15,855
19	32	98 609	32 591,529	529 731,076	16,254	15,786
20	33	98 534	30 723,221	497 139,547	16,181	15,713
21	34	98 454	28 960,791	466 416,325	16,105	15,637
22	35	98 372	27 298,602	437 455,534	16,025	15,557
23	36	98 288	25 731,422	410 156,932	15,940	15,472
24	37	98 196	24 252,403	384 425,510	15,851	15,383
25	38	98 104	22 858,041	360 173,106	15,757	15,289
26	39	97 999	21 541,191	337 315,065	15,659	15,191
27	40	97 894	20 300,149	315 773,874	15,555	15,087
28	41	97 776	19 127,987	295 473,725	15,447	14,979
29	42	97 651	18 022,217	276 345,737	15,334	14,866
30	43	97 514	16 978,256	258 323,520	15,215	14,747
31	44	97 371	15 993,589	241 345,264	15,090	14,622
32	45	97 204	15 062,525	225 351,675	14,961	14,493
33	46	97 028	14 184,185	210 289,150	14,826	14,358
34	47	96 836	13 354,827	196 104,964	14,684	14,216
35	48	96 619	12 570,701	182 750,138	14,538	14,070
36	49	96 379	11 829,671	170 179,436	14,386	13,918
37	50	96 119	11 129,967	158 349,765	14,227	13,759
38	51	95 840	10 469,458	147 219,798	14,062	13,594
39	52	95 528	9 844,689	136 750,340	13,891	13,423
40	53	95 189	9 254,528	126 905,651	13,713	13,245
41	54	94 810	8 695,882	117 651,123	13,530	13,062
42	55	94 399	8 168,139	108 955,241	13,339	12,871
43	56	93 946	7 668,816	100 787,102	13,142	12,674
44	57	93 453	7 196,745	93 118,286	12,939	12,471
45	58	92 913	6 750,135	85 921,541	12,729	12,261
46	59	92 314	6 327,004	79 171,406	12,513	12,045
47	60	91 667	5 927,065	72 844,402	12,290	11,822
48	61	90 947	5 547,602	66 917,337	12,062	11,594
49	62	90 186	5 189,811	61 369,735	11,825	11,357
50	63	89 356	4 850,983	56 179,924	11,581	11,113
51	64	88 455	4 530,274	51 328,940	11,330	10,862
52	65	87 472	4 226,317	46 798,666	11,073	10,605
53	66	86 387	3 937,644	42 572,349	10,812	10,344
54	67	85 205	3 663,947	38 634,705	10,545	10,077
55	68	83 909	3 403,964	34 970,758	10,274	9,806
56	69	82 541	3 158,942	31 566,794	9,993	9,525
57	70	81 061	2 926,711	28 407,852	9,706	9,238
58	71	79 470	2 706,843	25 481,141	9,414	8,946
59	72	77 744	2 498,167	22 774,297	9,116	8,648
60	73	75 915	2 301,315	20 276,131	8,811	8,343
61	74	73 989	2 115,976	17 974,816	8,495	8,027
62	75	71 924	1 940,492	15 858,841	8,173	7,705
63	76	69 697	1 773,970	13 918,348	7,846	7,378
64	77	67 285	1 615,637	12 144,378	7,517	7,049
65	78	64 703	1 465,688	10 528,741	7,183	6,716
66	79	61 918	1 323,219	9 063,053	6,849	6,381
67	80	58 901	1 187,488	7 739,834	6,518	6,050
68	81	55 622	1 057,903	6 552,346	6,194	5,726
69	82	52 176	936,203	5 494,443	5,869	5,401
70	83	48 527	821,441	4 558,240	5,549	5,081
71	84	44 685	713,580	3 736,799	5,237	4,769
72	85	40 664	612,620	3 023,219	4,935	4,467
73	86	36 543	519,369	2 410,598	4,641	4,173
74	87	32 352	433,777	1 891,230	4,360	3,892
75	88	28 179	356,441	1 457,453	4,089	3,621
76	89	24 095	287,524	1 101,012	3,829	3,361
77	90	20 152	226,864	813,488	3,586	3,118
78	91	16 462	174,837	586,624	3,355	2,887
79	92	13 074	130,990	411,787	3,144	2,676
80	93	10 066	95,149	280,797	2,951	2,483
81	94	7 494	66,826	185,648	2,778	2,310
82	95	5 350	45,009	118,822	2,640	2,172
83	96	3 718	29,503	73,812	2,502	2,034
84	97	2 485	18,608	44,309	2,381	1,913
85	98	1 626	11,481	25,701	2,238	1,771
86	99	1 009	6,721	14,219	2,116	1,648
87	100	594	3,735	7,498	2,007	1,539

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 699 410,581	17,066	16,598
1	15	99 213	93 597,091	1 599 834,095	17,093	16,625
2	16	99 173	88 264,046	1 506 237,005	17,065	16,597
3	17	99 144	83 243,233	1 417 972,959	17,034	16,566
4	18	99 117	78 509,744	1 334 729,726	17,001	16,533
5	19	99 085	74 042,125	1 256 219,982	16,966	16,498
6	20	99 057	69 830,997	1 182 177,857	16,929	16,461
7	21	99 028	65 859,270	1 112 346,860	16,890	16,422
8	22	99 003	62 115,870	1 046 487,590	16,847	16,379
9	23	98 978	58 584,964	984 371,720	16,802	16,334
10	24	98 949	55 252,398	925 786,756	16,756	16,288
11	25	98 924	52 112,057	870 534,358	16,705	16,237
12	26	98 897	49 148,761	818 422,301	16,652	16,184
13	27	98 870	46 354,102	769 273,539	16,596	16,128
14	28	98 839	43 716,552	722 919,437	16,537	16,069
15	29	98 802	41 226,765	679 202,886	16,475	16,007
16	30	98 762	38 877,265	637 976,121	16,410	15,942
17	31	98 707	36 656,331	599 098,856	16,344	15,876
18	32	98 647	34 560,270	562 442,525	16,274	15,806
19	33	98 575	32 580,218	527 882,255	16,203	15,735
20	34	98 498	30 712,282	495 302,037	16,127	15,659
21	35	98 416	28 949,464	464 589,755	16,048	15,580
22	36	98 332	27 287,615	435 640,290	15,965	15,497
23	37	98 242	25 719,358	408 352,676	15,877	15,409
24	38	98 151	24 241,242	382 633,317	15,784	15,316
25	39	98 046	22 844,654	358 392,076	15,688	15,220
26	40	97 941	21 528,359	335 547,421	15,586	15,118
27	41	97 828	20 286,372	314 019,062	15,479	15,011
28	42	97 702	19 113,395	293 732,691	15,368	14,900
29	43	97 570	18 007,262	274 619,295	15,250	14,783
30	44	97 427	16 962,977	256 612,033	15,128	14,660
31	45	97 271	15 977,275	239 649,056	14,999	14,531
32	46	97 096	15 045,776	223 671,781	14,866	14,398
33	47	96 905	14 166,175	208 626,005	14,727	14,259
34	48	96 697	13 335,682	194 459,830	14,582	14,114
35	49	96 465	12 550,593	181 124,148	14,432	13,964
36	50	96 205	11 808,242	168 573,554	14,276	13,808
37	51	95 930	11 108,034	156 765,312	14,113	13,645
38	52	95 628	10 446,334	145 657,278	13,943	13,475
39	53	95 293	9 820,517	135 210,945	13,768	13,300
40	54	94 929	9 229,234	125 390,427	13,586	13,118
41	55	94 525	8 669,711	116 161,194	13,399	12,931
42	56	94 087	8 141,075	107 491,483	13,204	12,736
43	57	93 606	7 641,063	99 350,408	13,002	12,534
44	58	93 080	7 168,014	91 709,345	12,794	12,326
45	59	92 503	6 720,363	84 541,331	12,580	12,112
46	60	91 868	6 296,445	77 820,968	12,360	11,892
47	61	91 173	5 895,112	71 524,523	12,133	11,665
48	62	90 438	5 516,563	65 629,411	11,897	11,429
49	63	89 638	5 158,275	60 112,849	11,654	11,186
50	64	88 768	4 819,042	54 954,574	11,404	10,936
51	65	87 811	4 497,260	50 135,531	11,148	10,680
52	66	86 771	4 192,455	45 638,271	10,886	10,418
53	67	85 632	3 903,247	41 445,816	10,618	10,150
54	68	84 379	3 628,427	37 542,569	10,347	9,879
55	69	83 052	3 369,193	33 914,142	10,066	9,598
56	70	81 619	3 123,650	30 544,948	9,779	9,311
57	71	80 074	2 891,054	27 421,299	9,485	9,017
58	72	78 406	2 670,598	24 530,245	9,185	8,717
59	73	76 624	2 462,170	21 859,647	8,878	8,410
60	74	74 740	2 265,684	19 397,478	8,561	8,093
61	75	72 723	2 079,775	17 131,794	8,237	7,769
62	76	70 553	1 903,492	15 052,019	7,908	7,440
63	77	68 176	1 735,252	13 148,527	7,577	7,109
64	78	65 640	1 576,132	11 413,276	7,241	6,773
65	79	62 885	1 424,502	9 837,144	6,906	6,438
66	80	59 880	1 279,654	8 412,642	6,574	6,106
67	81	56 639	1 141,879	7 132,988	6,247	5,779
68	82	53 171	1 011,290	5 991,109	5,924	5,456
69	83	49 550	889,073	4 979,820	5,601	5,133
70	84	45 709	773,730	4 090,747	5,287	4,819
71	85	41 681	665,613	3 317,017	4,983	4,515
72	86	37 524	565,313	2 651,404	4,690	4,222
73	87	33 294	473,193	2 086,091	4,409	3,941
74	88	29 078	389,883	1 612,898	4,137	3,669
75	89	24 943	315,513	1 223,016	3,876	3,408
76	90	20 940	249,882	907,503	3,632	3,164
77	91	17 171	193,302	657,621	3,402	2,934
78	92	13 708	145,581	464,318	3,189	2,721
79	93	10 622	106,421	318,737	2,995	2,527
80	94	7 961	75,244	212,316	2,822	2,354
81	95	5 732	51,111	137,072	2,682	2,214
82	96	4 018	33,801	85,961	2,543	2,075
83	97	2 716	21,552	52,161	2,420	1,952
84	98	1 797	13,453	30,608	2,275	1,807
85	99	1 130	7,983	17,156	2,149	1,681
86	100	675	4,500	9,173	2,039	1,571

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 697 215,470	17,046	16,578
1	16	99 201	93 585,381	1 597 649,434	17,072	16,604
2	17	99 159	88 251,591	1 504 064,053	17,043	16,575
3	18	99 130	83 231,045	1 415 812,461	17,011	16,543
4	19	99 097	78 493,756	1 332 581,417	16,977	16,509
5	20	99 066	74 027,833	1 254 087,660	16,941	16,473
6	21	99 038	69 818,067	1 180 059,827	16,902	16,434
7	22	99 012	65 848,367	1 110 241,761	16,861	16,393
8	23	98 986	62 105,121	1 044 393,394	16,817	16,349
9	24	98 957	58 572,252	982 288,273	16,771	16,303
10	25	98 932	55 243,029	923 716,021	16,721	16,253
11	26	98 906	52 102,340	868 472,992	16,669	16,201
12	27	98 878	49 139,198	816 370,652	16,613	16,145
13	28	98 848	46 343,977	767 231,454	16,555	16,087
14	29	98 814	43 705,649	720 887,477	16,494	16,026
15	30	98 777	41 216,096	677 181,828	16,430	15,962
16	31	98 733	38 865,721	635 965,732	16,363	15,895
17	32	98 676	36 644,630	597 100,011	16,294	15,826
18	33	98 612	34 548,276	560 455,380	16,222	15,754
19	34	98 540	32 568,618	525 907,104	16,148	15,680
20	35	98 460	30 700,270	493 338,486	16,070	15,602
21	36	98 376	28 937,813	462 638,216	15,987	15,519
22	37	98 286	27 274,821	433 700,403	15,901	15,433
23	38	98 196	25 707,522	406 425,582	15,810	15,342
24	39	98 094	24 227,045	380 718,061	15,715	15,247
25	40	97 988	22 831,045	356 491,016	15,614	15,146
26	41	97 874	21 513,748	333 659,971	15,509	15,041
27	42	97 753	20 270,896	312 146,223	15,399	14,931
28	43	97 621	19 097,535	291 875,327	15,283	14,815
29	44	97 483	17 991,057	272 777,792	15,162	14,694
30	45	97 327	16 945,674	254 786,735	15,036	14,568
31	46	97 163	15 959,509	237 841,061	14,903	14,435
32	47	96 973	15 026,672	221 881,552	14,766	14,298
33	48	96 766	14 145,867	206 854,880	14,623	14,155
34	49	96 543	13 314,351	192 709,012	14,474	14,006
35	50	96 290	12 527,859	179 394,662	14,320	13,852
36	51	96 015	11 784,972	166 866,803	14,159	13,691
37	52	95 718	11 083,499	155 081,831	13,992	13,524
38	53	95 394	10 420,685	143 998,332	13,819	13,351
39	54	95 033	9 793,676	133 577,648	13,639	13,171
40	55	94 644	9 201,457	123 783,971	13,453	12,985
41	56	94 211	8 640,985	114 582,514	13,260	12,792
42	57	93 746	8 111,613	105 941,530	13,060	12,593
43	58	93 233	7 610,558	97 829,916	12,855	12,387
44	59	92 670	7 136,399	90 219,358	12,642	12,174
45	60	92 056	6 687,904	83 082,960	12,423	11,955
46	61	91 373	6 262,501	76 395,056	12,199	11,731
47	62	90 663	5 862,128	70 132,555	11,964	11,496
48	63	89 888	5 483,040	64 270,427	11,722	11,254
49	64	89 048	5 124,311	58 787,387	11,472	11,004
50	65	88 121	4 783,924	53 663,076	11,217	10,749
51	66	87 107	4 461,227	48 879,152	10,956	10,488
52	67	86 013	4 155,833	44 417,924	10,688	10,220
53	68	84 802	3 865,407	40 262,092	10,416	9,948
54	69	83 517	3 591,364	36 396,685	10,135	9,667
55	70	82 124	3 331,552	32 805,321	9,847	9,379
56	71	80 625	3 085,593	29 473,769	9,552	9,084
57	72	79 002	2 852,341	26 388,176	9,251	8,783
58	73	77 276	2 632,116	23 535,835	8,942	8,474
59	74	75 438	2 424,049	20 903,719	8,623	8,156
60	75	73 461	2 226,922	18 479,670	8,298	7,830
61	76	71 337	2 040,118	16 252,748	7,967	7,499
62	77	69 013	1 861,946	14 212,630	7,633	7,165
63	78	66 509	1 692,821	12 350,684	7,296	6,828
64	79	63 795	1 531,842	10 657,863	6,958	6,490
65	80	60 814	1 377,603	9 126,021	6,625	6,157
66	81	57 580	1 230,505	7 748,418	6,297	5,829
67	82	54 143	1 091,565	6 517,913	5,971	5,503
68	83	50 494	960,380	5 426,348	5,650	5,182
69	84	46 672	837,434	4 465,968	5,333	4,865
70	85	42 636	721,719	3 628,534	5,028	4,560
71	86	38 462	614,213	2 906,815	4,733	4,265
72	87	34 188	515,052	2 292,602	4,451	3,983
73	88	29 925	425,310	1 777,550	4,179	3,711
74	89	25 739	345,114	1 352,239	3,918	3,450
75	90	21 678	274,207	1 007,125	3,673	3,205
76	91	17 842	212,915	732,918	3,442	2,974
77	92	14 297	160,956	520,003	3,231	2,763
78	93	11 137	118,276	359,047	3,036	2,568
79	94	8 400	84,158	240,771	2,861	2,393
80	95	6 088	57,549	156,613	2,721	2,253
81	96	4 304	38,382	99,064	2,581	2,113
82	97	2 935	24,692	60,682	2,458	1,990
83	98	1 963	15,581	35,990	2,310	1,842
84	99	1 249	9,353	20,409	2,182	1,714
85	100	757	5,344	11,056	2,069	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 694 872,394	17,025	16,557
1	17	99 187	93 572,176	1 595 318,814	17,049	16,581
2	18	99 145	88 238,670	1 501 746,638	17,019	16,551
3	19	99 109	83 214,095	1 413 507,968	16,986	16,518
4	20	99 077	78 478,605	1 330 293,873	16,951	16,483
5	21	99 048	74 014,125	1 251 815,268	16,913	16,445
6	22	99 022	69 806,508	1 177 801,142	16,872	16,404
7	23	98 994	65 836,972	1 107 994,634	16,829	16,361
8	24	98 965	62 091,645	1 042 157,663	16,784	16,316
9	25	98 940	58 562,320	980 066,017	16,735	16,267
10	26	98 913	55 232,728	921 503,698	16,684	16,216
11	27	98 887	52 092,202	866 270,969	16,630	16,162
12	28	98 856	49 128,465	814 178,767	16,572	16,104
13	29	98 824	46 332,419	765 050,302	16,512	16,044
14	30	98 789	43 694,339	718 717,883	16,449	15,981
15	31	98 747	41 203,857	675 023,544	16,383	15,915
16	32	98 701	38 853,315	633 819,687	16,313	15,845
17	33	98 641	36 631,913	594 966,371	16,242	15,774
18	34	98 577	34 535,975	558 334,458	16,167	15,699
19	35	98 501	32 555,880	523 798,483	16,089	15,621
20	36	98 420	30 687,914	491 242,603	16,008	15,540
21	37	98 330	28 924,245	460 554,689	15,923	15,455
22	38	98 241	27 262,269	431 630,444	15,833	15,365
23	39	98 139	25 692,466	404 368,175	15,739	15,271
24	40	98 035	24 212,613	378 675,710	15,640	15,172
25	41	97 921	22 815,550	354 463,097	15,536	15,068
26	42	97 800	21 497,336	331 647,547	15,427	14,959
27	43	97 672	20 254,075	310 150,211	15,313	14,845
28	44	97 533	19 080,348	289 896,136	15,193	14,725
29	45	97 383	17 972,705	270 815,788	15,068	14,600
30	46	97 219	16 926,831	252 843,082	14,937	14,469
31	47	97 040	15 939,244	235 916,251	14,801	14,333
32	48	96 834	15 005,131	219 977,007	14,660	14,192
33	49	96 611	14 123,240	204 971,876	14,513	14,045
34	50	96 368	13 290,232	190 848,636	14,360	13,892
35	51	96 100	12 503,170	177 558,404	14,201	13,733
36	52	95 803	11 758,942	165 055,233	14,037	13,569
37	53	95 483	11 056,285	153 296,291	13,865	13,397
38	54	95 133	10 392,203	142 240,006	13,687	13,219
39	55	94 747	9 764,201	131 847,803	13,503	13,035
40	56	94 330	9 170,969	122 083,602	13,312	12,844
41	57	93 871	8 609,714	112 912,633	13,115	12,647
42	58	93 372	8 079,230	104 302,919	12,910	12,442
43	59	92 822	7 576,991	96 223,689	12,699	12,231
44	60	92 222	7 101,930	88 646,698	12,482	12,014
45	61	91 560	6 651,849	81 544,768	12,259	11,791
46	62	90 862	6 227,461	74 892,919	12,026	11,558
47	63	90 112	5 826,506	68 665,458	11,785	11,317
48	64	89 296	5 446,938	62 838,952	11,537	11,069
49	65	88 399	5 086,968	57 392,014	11,282	10,814
50	66	87 415	4 745,595	52 305,046	11,022	10,554
51	67	86 346	4 422,257	47 559,451	10,755	10,287
52	68	85 179	4 115,544	43 137,195	10,482	10,014
53	69	83 936	3 825,923	39 021,650	10,199	9,731
54	70	82 584	3 551,240	35 195,728	9,911	9,443
55	71	81 123	3 290,962	31 644,487	9,616	9,148
56	72	79 545	3 044,275	28 353,525	9,314	8,846
57	73	77 863	2 811,241	25 309,250	9,003	8,535
58	74	76 080	2 591,364	22 498,009	8,682	8,214
59	75	74 147	2 382,577	19 906,645	8,355	7,887
60	76	72 060	2 184,460	17 524,068	8,022	7,554
61	77	69 780	1 995,591	15 339,608	7,687	7,219
62	78	67 325	1 816,418	13 344,017	7,346	6,878
63	79	64 640	1 645,253	11 527,600	7,007	6,539
64	80	61 695	1 481,409	9 882,347	6,671	6,203
65	81	58 478	1 324,692	8 400,938	6,342	5,874
66	82	55 043	1 176,286	7 076,246	6,016	5,548
67	83	51 417	1 036,614	5 899,960	5,692	5,224
68	84	47 561	904,599	4 863,347	5,376	4,908
69	85	43 535	781,141	3 958,748	5,068	4,600
70	86	39 344	665,987	3 177,607	4,771	4,303
71	87	35 043	559,605	2 511,620	4,488	4,020
72	88	30 729	462,934	1 952,015	4,217	3,749
73	89	26 489	376,474	1 489,081	3,955	3,487
74	90	22 370	299,933	1 112,607	3,710	3,242
75	91	18 471	233,641	812,674	3,478	3,010
76	92	14 857	177,287	579,033	3,266	2,798
77	93	11 616	130,767	401,746	3,072	2,604
78	94	8 807	93,533	270,978	2,897	2,429
79	95	6 424	64,367	177,446	2,757	2,289
80	96	4 572	43,217	113,079	2,617	2,149
81	97	3 144	28,039	69,862	2,492	2,024
82	98	2 122	17,851	41,823	2,343	1,875
83	99	1 365	10,833	23,972	2,213	1,745
84	100	836	6,262	13,139	2,098	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 692 374,760	17,002	16,534
1	18	99 172	93 558,476	1 592 835,228	17,025	16,557
2	19	99 125	88 220,701	1 499 276,752	16,995	16,527
3	20	99 090	83 198,033	1 411 056,051	16,960	16,492
4	21	99 059	78 464,073	1 327 858,018	16,923	16,455
5	22	99 031	74 001,872	1 249 393,945	16,883	16,415
6	23	99 005	69 794,428	1 175 392,073	16,841	16,373
7	24	98 973	65 822,686	1 105 597,645	16,797	16,329
8	25	98 948	62 081,116	1 039 774,959	16,749	16,281
9	26	98 921	58 551,400	977 693,842	16,698	16,230
10	27	98 894	55 221,981	919 142,442	16,645	16,177
11	28	98 865	52 080,824	863 920,461	16,588	16,120
12	29	98 831	49 116,213	811 839,637	16,529	16,061
13	30	98 798	46 320,429	762 723,424	16,466	15,998
14	31	98 759	43 681,365	716 402,995	16,401	15,933
15	32	98 716	41 190,705	672 721,631	16,332	15,864
16	33	98 667	38 839,832	631 530,925	16,260	15,792
17	34	98 606	36 618,870	592 691,094	16,185	15,717
18	35	98 539	34 522,467	556 072,223	16,108	15,640
19	36	98 461	32 542,777	521 549,756	16,027	15,559
20	37	98 374	30 673,526	489 006,979	15,942	15,474
21	38	98 285	28 910,934	458 333,453	15,853	15,385
22	39	98 183	27 246,302	429 422,519	15,761	15,293
23	40	98 080	25 677,161	402 176,217	15,663	15,195
24	41	97 969	24 196,180	376 499,057	15,560	15,092
25	42	97 847	22 798,145	352 302,877	15,453	14,985
26	43	97 718	21 479,497	329 504,732	15,340	14,872
27	44	97 584	20 235,848	308 025,235	15,222	14,754
28	45	97 433	19 060,886	287 789,387	15,098	14,630
29	46	97 275	17 952,721	268 728,502	14,969	14,501
30	47	97 096	16 905,338	250 775,781	14,834	14,366
31	48	96 901	15 916,395	233 870,443	14,694	14,226
32	49	96 679	14 981,129	217 954,048	14,549	14,081
33	50	96 436	14 097,657	202 972,919	14,398	13,930
34	51	96 178	13 264,042	188 875,262	14,240	13,772
35	52	95 888	12 475,554	175 611,220	14,076	13,608
36	53	95 568	11 730,070	163 135,667	13,907	13,440
37	54	95 222	11 026,067	151 405,597	13,732	13,264
38	55	94 847	10 360,927	140 379,530	13,549	13,081
39	56	94 433	9 731,848	130 018,603	13,360	12,892
40	57	93 989	9 137,780	120 286,755	13,164	12,696
41	58	93 496	8 575,342	111 148,974	12,961	12,493
42	59	92 960	8 043,596	102 573,633	12,752	12,284
43	60	92 373	7 540,394	94 530,037	12,536	12,069
44	61	91 725	7 063,643	86 989,643	12,315	11,847
45	62	91 048	6 614,631	79 926,000	12,083	11,615
46	63	90 310	6 189,619	73 311,369	11,844	11,376
47	64	89 519	5 788,142	67 121,749	11,596	11,128
48	65	88 646	5 407,244	61 333,607	11,343	10,875
49	66	87 691	5 046,210	55 926,363	11,083	10,615
50	67	86 651	4 704,140	50 880,153	10,816	10,348
51	68	85 509	4 379,386	46 176,013	10,544	10,076
52	69	84 309	4 073,505	41 796,627	10,261	9,793
53	70	82 998	3 783,179	37 723,122	9,971	9,503
54	71	81 578	3 507,974	33 939,944	9,675	9,207
55	72	80 037	3 246,895	30 431,970	9,373	8,905
56	73	78 399	3 000,409	27 185,075	9,060	8,592
57	74	76 658	2 767,715	24 184,666	8,738	8,270
58	75	74 778	2 547,030	21 416,950	8,409	7,941
59	76	72 733	2 337,147	18 869,921	8,074	7,606
60	77	70 487	2 136,782	16 532,774	7,737	7,269
61	78	68 073	1 946,795	14 395,992	7,395	6,927
62	79	65 434	1 765,376	12 449,197	7,052	6,584
63	80	62 512	1 591,086	10 683,821	6,715	6,247
64	81	59 325	1 424,511	9 092,735	6,383	5,915
65	82	55 902	1 266,322	7 668,225	6,056	5,588
66	83	52 272	1 117,070	6 401,902	5,731	5,263
67	84	48 431	976,405	5 284,832	5,413	4,945
68	85	44 364	843,791	4 308,427	5,106	4,638
69	86	40 173	720,820	3 464,636	4,807	4,339
70	87	35 846	606,776	2 743,816	4,522	4,054
71	88	31 497	502,978	2 137,040	4,249	3,781
72	89	27 200	409,778	1 634,062	3,988	3,520
73	90	23 021	327,187	1 224,284	3,742	3,274
74	91	19 060	255,562	897,097	3,510	3,042
75	92	15 380	194,545	641,536	3,298	2,830
76	93	12 070	144,035	446,991	3,103	2,635
77	94	9 186	103,411	302,956	2,930	2,462
78	95	6 736	71,537	199,545	2,789	2,321
79	96	4 824	48,337	128,008	2,648	2,180
80	97	3 340	31,571	79,671	2,524	2,056
81	98	2 273	20,271	48,100	2,373	1,905
82	99	1 475	12,411	27,830	2,242	1,774
83	100	914	7,252	15,419	2,126	1,658

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 689 715,169	16,978	16,510
1	19	99 152	93 539,423	1 590 190,210	17,000	16,532
2	20	99 106	88 203,672	1 496 650,787	16,968	16,500
3	21	99 072	83 182,627	1 408 447,115	16,932	16,464
4	22	99 043	78 451,083	1 325 264,488	16,893	16,425
5	23	99 014	73 989,066	1 246 813,404	16,851	16,383
6	24	98 983	69 779,284	1 172 824,338	16,808	16,340
7	25	98 956	65 811,525	1 103 045,055	16,761	16,293
8	26	98 929	62 069,541	1 037 233,530	16,711	16,243
9	27	98 902	58 540,008	975 163,989	16,658	16,190
10	28	98 873	55 209,919	916 623,982	16,603	16,135
11	29	98 840	52 067,835	861 414,062	16,544	16,076
12	30	98 806	49 103,502	809 346,227	16,482	16,014
13	31	98 769	46 306,675	760 242,725	16,418	15,950
14	32	98 728	43 667,422	713 936,050	16,349	15,881
15	33	98 682	41 176,410	670 268,628	16,278	15,810
16	34	98 632	38 826,003	629 092,218	16,203	15,735
17	35	98 568	36 604,548	590 266,215	16,125	15,658
18	36	98 499	34 508,573	553 661,667	16,044	15,576
19	37	98 415	32 527,520	519 153,094	15,960	15,492
20	38	98 329	30 659,409	486 625,575	15,872	15,404
21	39	98 227	28 894,002	455 966,166	15,781	15,313
22	40	98 125	27 230,071	427 072,164	15,684	15,216
23	41	98 014	25 659,734	399 842,093	15,582	15,115
24	42	97 894	24 177,721	374 182,359	15,476	15,008
25	43	97 765	22 779,227	350 004,638	15,365	14,897
26	44	97 631	21 460,167	327 225,411	15,248	14,780
27	45	97 485	20 215,206	305 765,244	15,126	14,658
28	46	97 325	19 039,691	285 550,038	14,998	14,530
29	47	97 151	17 929,925	266 510,347	14,864	14,396
30	48	96 956	16 881,104	248 580,421	14,725	14,257
31	49	96 746	15 890,935	231 699,317	14,581	14,113
32	50	96 504	14 953,992	215 808,382	14,431	13,964
33	51	96 246	14 069,875	200 854,390	14,275	13,808
34	52	95 965	13 234,744	186 784,516	14,113	13,645
35	53	95 653	12 444,922	173 549,771	13,945	13,477
36	54	95 307	11 698,010	161 104,849	13,772	13,304
37	55	94 935	10 992,882	149 406,839	13,591	13,123
38	56	94 532	10 326,597	138 413,956	13,404	12,936
39	57	94 091	9 696,630	128 087,359	13,209	12,742
40	58	93 613	9 101,300	118 390,729	13,008	12,540
41	59	93 083	8 537,520	109 289,430	12,801	12,333
42	60	92 511	8 004,745	100 751,910	12,587	12,119
43	61	91 875	7 499,744	92 747,165	12,367	11,899
44	62	91 212	7 024,121	85 247,421	12,136	11,668
45	63	90 495	6 574,437	78 223,300	11,898	11,430
46	64	89 715	6 148,864	71 648,863	11,652	11,184
47	65	88 867	5 745,962	65 499,999	11,399	10,931
48	66	87 935	5 363,920	59 754,037	11,140	10,672
49	67	86 925	5 002,130	54 390,117	10,873	10,405
50	68	85 811	4 658,536	49 387,987	10,602	10,134
51	69	84 636	4 334,651	44 729,451	10,319	9,851
52	70	83 367	4 027,995	40 394,800	10,029	9,561
53	71	81 987	3 737,086	36 366,805	9,731	9,263
54	72	80 486	3 461,001	32 629,719	9,428	8,960
55	73	78 884	3 200,109	29 168,718	9,115	8,647
56	74	77 185	2 953,955	25 968,609	8,791	8,323
57	75	75 346	2 720,364	23 014,654	8,460	7,992
58	76	73 352	2 498,464	20 294,290	8,123	7,655
59	77	71 146	2 286,136	17 795,826	7,784	7,316
60	78	68 764	2 084,533	15 509,690	7,440	6,972
61	79	66 161	1 892,089	13 425,156	7,095	6,627
62	80	63 279	1 707,254	11 533,067	6,755	6,287
63	81	60 111	1 529,975	9 825,813	6,422	5,954
64	82	56 711	1 361,743	8 295,838	6,092	5,624
65	83	53 088	1 202,574	6 934,094	5,766	5,298
66	84	49 236	1 052,188	5 731,521	5,447	4,979
67	85	45 175	910,770	4 679,332	5,138	4,670
68	86	40 938	778,632	3 768,562	4,840	4,372
69	87	36 601	656,734	2 989,930	4,553	4,085
70	88	32 219	545,376	2 333,196	4,278	3,810
71	89	27 880	445,224	1 787,820	4,016	3,548
72	90	23 639	356,130	1 342,596	3,770	3,302
73	91	19 615	278,784	986,466	3,538	3,070
74	92	15 871	212,797	707,682	3,326	2,858
75	93	12 495	158,056	494,885	3,131	2,663
76	94	9 545	113,903	336,828	2,957	2,489
77	95	7 026	79,092	222,925	2,819	2,351
78	96	5 058	53,722	143,833	2,677	2,209
79	97	3 524	35,311	90,112	2,552	2,084
80	98	2 415	22,824	54,801	2,401	1,933
81	99	1 580	14,093	31,977	2,269	1,801
82	100	988	8,309	17,883	2,152	1,684

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 686 884,653	16,953	16,485
1	20	99 133	93 521,368	1 587 379,962	16,973	16,505
2	21	99 087	88 187,339	1 493 858,594	16,940	16,472
3	22	99 055	83 168,856	1 405 671,255	16,901	16,433
4	23	99 026	78 437,507	1 322 502,399	16,861	16,393
5	24	98 993	73 973,012	1 244 064,892	16,818	16,350
6	25	98 966	69 767,451	1 170 091,880	16,771	16,303
7	26	98 938	65 799,253	1 100 324,429	16,722	16,254
8	27	98 910	62 057,464	1 034 525,176	16,670	16,202
9	28	98 881	58 527,221	972 467,712	16,616	16,148
10	29	98 848	55 196,150	913 940,491	16,558	16,090
11	30	98 815	52 054,361	858 744,341	16,497	16,029
12	31	98 777	49 088,922	806 689,980	16,433	15,965
13	32	98 737	46 291,894	757 601,058	16,366	15,898
14	33	98 694	43 652,267	711 309,164	16,295	15,827
15	34	98 647	41 161,750	667 656,897	16,220	15,752
16	35	98 593	38 810,817	626 495,147	16,142	15,674
17	36	98 528	36 589,815	587 684,330	16,061	15,593
18	37	98 453	34 492,393	551 094,514	15,977	15,509
19	38	98 370	32 512,550	516 602,121	15,889	15,421
20	39	98 271	30 641,453	484 089,571	15,799	15,331
21	40	98 168	28 876,789	453 448,118	15,703	15,235
22	41	98 058	27 211,590	424 571,329	15,603	15,135
23	42	97 939	25 640,159	397 359,738	15,498	15,030
24	43	97 813	24 157,658	371 719,580	15,387	14,919
25	44	97 678	22 758,727	347 561,921	15,272	14,804
26	45	97 531	21 438,277	324 803,194	15,151	14,683
27	46	97 376	20 192,728	303 364,918	15,023	14,556
28	47	97 201	19 015,516	283 172,190	14,892	14,424
29	48	97 012	17 904,222	264 156,674	14,754	14,286
30	49	96 801	16 854,101	246 252,452	14,611	14,143
31	50	96 570	15 862,150	229 398,351	14,462	13,994
32	51	96 314	14 924,522	213 536,201	14,308	13,840
33	52	96 034	14 038,798	198 611,679	14,147	13,679
34	53	95 730	13 202,249	184 572,881	13,980	13,512
35	54	95 391	12 410,909	171 370,632	13,808	13,340
36	55	95 020	11 662,804	158 959,723	13,630	13,162
37	56	94 621	10 956,459	147 296,920	13,444	12,976
38	57	94 190	10 289,226	136 340,461	13,251	12,783
39	58	93 716	9 657,918	126 051,235	13,052	12,584
40	59	93 201	9 061,158	116 393,317	12,845	12,377
41	60	92 634	8 496,283	107 332,159	12,633	12,165
42	61	92 012	7 961,591	98 835,876	12,414	11,946
43	62	91 361	7 457,782	90 874,284	12,185	11,717
44	63	90 657	6 981,438	83 416,502	11,948	11,480
45	64	89 899	6 531,148	76 435,064	11,703	11,235
46	65	89 061	6 104,055	69 903,916	11,452	10,984
47	66	88 155	5 699,924	63 799,861	11,193	10,725
48	67	87 167	5 317,064	58 099,937	10,927	10,459
49	68	86 082	4 953,637	52 782,872	10,655	10,187
50	69	84 934	4 610,950	47 829,236	10,373	9,905
51	70	83 690	4 286,224	43 218,285	10,083	9,615
52	71	82 351	3 978,920	38 932,062	9,785	9,317
53	72	80 889	3 687,045	34 953,142	9,480	9,012
54	73	79 326	3 411,130	31 266,097	9,166	8,698
55	74	77 662	3 150,563	27 854,967	8,841	8,373
56	75	75 864	2 903,417	24 704,404	8,509	8,041
57	76	73 910	2 668,493	21 800,986	8,170	7,702
58	77	71 751	2 443,932	19 132,493	7,829	7,361
59	78	69 406	2 230,236	16 688,561	7,483	7,015
60	79	66 832	2 025,957	14 458,325	7,137	6,669
61	80	63 982	1 829,796	12 432,367	6,794	6,326
62	81	60 849	1 641,682	10 602,572	6,458	5,990
63	82	57 462	1 462,561	8 960,890	6,127	5,659
64	83	53 856	1 293,191	7 498,329	5,798	5,330
65	84	50 004	1 132,726	6 205,138	5,478	5,010
66	85	45 926	981,459	5 072,412	5,168	4,700
67	86	41 687	840,439	4 090,953	4,868	4,400
68	87	37 299	709,406	3 250,514	4,582	4,114
69	88	32 897	590,279	2 541,108	4,305	3,837
70	89	28 519	482,753	1 950,829	4,041	3,573
71	90	24 230	386,936	1 468,076	3,794	3,326
72	91	20 142	303,446	1 081,140	3,563	3,095
73	92	16 333	232,134	777,694	3,350	2,882
74	93	12 894	172,885	545,561	3,156	2,688
75	94	9 881	124,991	372,675	2,982	2,514
76	95	7 300	87,116	247,684	2,843	2,375
77	96	5 276	59,395	160,568	2,703	2,235
78	97	3 695	39,244	101,172	2,578	2,110
79	98	2 548	25,528	61,928	2,426	1,958
80	99	1 679	15,869	36,400	2,294	1,826
81	100	1 058	9,435	20,532	2,176	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 683 879,233	16,926	16,458
1	21	99 114	93 504,051	1 584 393,749	16,945	16,477
2	22	99 071	88 172,739	1 490 889,698	16,909	16,441
3	23	99 038	83 154,464	1 402 716,959	16,869	16,401
4	24	99 004	78 420,488	1 319 562,495	16,827	16,359
5	25	98 976	73 960,468	1 241 142,007	16,781	16,313
6	26	98 948	69 754,442	1 167 181,539	16,733	16,265
7	27	98 918	65 786,451	1 097 427,097	16,682	16,214
8	28	98 889	62 043,909	1 031 640,647	16,628	16,160
9	29	98 856	58 512,625	969 596,738	16,571	16,103
10	30	98 822	55 181,867	911 084,113	16,511	16,043
11	31	98 785	52 038,904	855 902,247	16,447	15,979
12	32	98 745	49 073,253	803 863,342	16,381	15,913
13	33	98 703	46 275,829	754 790,089	16,311	15,843
14	34	98 658	43 636,725	708 514,261	16,237	15,769
15	35	98 608	41 145,651	664 877,536	16,159	15,691
16	36	98 553	38 795,197	623 731,885	16,078	15,610
17	37	98 482	36 572,660	584 936,689	15,994	15,526
18	38	98 408	34 476,519	548 364,028	15,905	15,437
19	39	98 312	32 493,508	513 887,509	15,815	15,347
20	40	98 213	30 623,200	481 394,001	15,720	15,252
21	41	98 102	28 857,191	450 770,801	15,621	15,153
22	42	97 983	27 190,832	421 913,610	15,517	15,049
23	43	97 858	25 618,882	394 722,779	15,407	14,940
24	44	97 725	24 135,918	369 103,896	15,293	14,825
25	45	97 578	22 735,512	344 967,978	15,173	14,705
26	46	97 422	21 414,438	322 232,466	15,047	14,579
27	47	97 253	20 167,089	300 818,028	14,916	14,448
28	48	97 062	18 988,256	280 650,939	14,780	14,312
29	49	96 857	17 875,583	261 662,683	14,638	14,170
30	50	96 626	16 823,571	243 787,100	14,491	14,023
31	51	96 380	15 830,891	226 963,529	14,337	13,869
32	52	96 101	14 891,557	211 132,638	14,178	13,710
33	53	95 798	14 004,328	196 241,081	14,013	13,545
34	54	95 468	13 166,166	182 236,753	13,841	13,373
35	55	95 104	12 373,556	169 070,587	13,664	13,196
36	56	94 705	11 624,160	156 697,031	13,480	13,012
37	57	94 279	10 916,809	145 072,871	13,289	12,821
38	58	93 814	10 248,149	134 156,063	13,091	12,623
39	59	93 302	9 615,321	123 907,914	12,887	12,419
40	60	92 750	9 017,392	114 292,592	12,675	12,207
41	61	92 134	8 450,480	105 275,200	12,458	11,990
42	62	91 498	7 917,045	96 824,720	12,230	11,762
43	63	90 806	7 412,464	88 907,675	11,994	11,526
44	64	90 060	6 935,470	81 495,211	11,750	11,283
45	65	89 244	6 483,553	74 559,742	11,500	11,032
46	66	88 348	6 055,149	68 076,189	11,243	10,775
47	67	87 384	5 650,133	62 021,040	10,977	10,509
48	68	86 322	5 265,519	56 370,907	10,706	10,238
49	69	85 203	4 903,037	51 105,389	10,423	9,955
50	70	83 986	4 559,436	46 202,352	10,133	9,665
51	71	82 670	4 234,002	41 642,916	9,835	9,367
52	72	81 249	3 925,640	37 408,914	9,529	9,061
53	73	79 723	3 633,918	33 483,273	9,214	8,746
54	74	78 098	3 358,316	29 849,356	8,888	8,420
55	75	76 334	3 096,662	26 491,039	8,555	8,087
56	76	74 418	2 848,056	23 394,378	8,214	7,746
57	77	72 296	2 610,251	20 546,321	7,871	7,403
58	78	69 997	2 384,174	17 936,071	7,523	7,055
59	79	67 456	2 167,566	15 551,897	7,175	6,707
60	80	64 631	1 959,256	13 384,331	6,831	6,363
61	81	61 525	1 759,517	11 425,075	6,493	6,025
62	82	58 168	1 569,345	9 665,558	6,159	5,691
63	83	54 570	1 388,933	8 096,213	5,829	5,361
64	84	50 728	1 218,080	6 707,280	5,506	5,038
65	85	46 643	1 056,583	5 489,200	5,195	4,727
66	86	42 380	905,670	4 432,617	4,894	4,426
67	87	37 981	765,718	3 526,947	4,606	4,138
68	88	33 524	637,621	2 761,230	4,331	3,863
69	89	29 120	522,500	2 123,608	4,064	3,596
70	90	24 785	419,552	1 601,108	3,816	3,348
71	91	20 646	329,694	1 181,556	3,584	3,116
72	92	16 772	252,669	851,862	3,371	2,903
73	93	13 270	188,595	599,194	3,177	2,709
74	94	10 197	136,718	410,599	3,003	2,535
75	95	7 558	95,597	273,881	2,865	2,397
76	96	5 482	65,422	178,284	2,725	2,257
77	97	3 854	43,389	112,863	2,601	2,133
78	98	2 671	28,371	69,474	2,449	1,981
79	99	1 771	17,749	41,102	2,316	1,848
80	100	1 124	10,624	23,354	2,198	1,730

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 680 687,549	16,897	16,429
1	22	99 098	93 488,570	1 581 220,486	16,914	16,446
2	23	99 054	88 157,481	1 487 731,916	16,876	16,408
3	24	99 017	83 136,421	1 399 574,435	16,835	16,367
4	25	98 987	78 407,190	1 316 438,014	16,790	16,322
5	26	98 957	73 946,677	1 238 030,824	16,742	16,274
6	27	98 929	69 740,870	1 164 084,147	16,692	16,224
7	28	98 897	65 772,081	1 094 343,277	16,638	16,170
8	29	98 864	62 028,435	1 028 571,196	16,582	16,114
9	30	98 830	58 497,483	966 542,761	16,523	16,055
10	31	98 793	55 165,481	908 045,278	16,460	15,992
11	32	98 754	52 022,294	852 879,797	16,395	15,927
12	33	98 711	49 056,222	800 857,503	16,325	15,857
13	34	98 668	46 259,352	751 801,281	16,252	15,784
14	35	98 620	43 619,658	705 541,928	16,175	15,707
15	36	98 568	41 129,090	661 922,271	16,094	15,626
16	37	98 507	38 777,008	620 793,180	16,009	15,541
17	38	98 437	36 555,829	582 016,173	15,921	15,453
18	39	98 350	34 456,328	545 460,344	15,830	15,363
19	40	98 254	32 474,152	511 004,017	15,736	15,268
20	41	98 146	30 602,416	478 529,865	15,637	15,169
21	42	98 027	28 835,177	447 927,449	15,534	15,066
22	43	97 902	27 168,269	419 092,272	15,426	14,958
23	44	97 770	25 595,827	391 924,003	15,312	14,844
24	45	97 625	24 111,298	366 328,176	15,193	14,725
25	46	97 469	22 710,231	342 216,878	15,069	14,601
26	47	97 299	21 387,248	319 506,647	14,939	14,471
27	48	97 113	20 138,178	298 119,399	14,804	14,336
28	49	96 907	18 957,883	277 981,221	14,663	14,195
29	50	96 681	17 843,202	259 023,338	14,517	14,049
30	51	96 436	16 790,417	241 180,135	14,364	13,896
31	52	96 167	15 795,924	224 389,718	14,206	13,738
32	53	95 865	14 854,994	208 593,794	14,042	13,574
33	54	95 536	13 966,052	193 738,800	13,872	13,404
34	55	95 181	13 126,540	179 772,748	13,695	13,227
35	56	94 789	12 332,558	166 646,208	13,513	13,045
36	57	94 362	11 582,094	154 313,650	13,323	12,856
37	58	93 902	10 873,226	142 731,556	13,127	12,659
38	59	93 400	10 202,949	131 858,331	12,924	12,456
39	60	92 852	9 568,879	121 655,382	12,714	12,246
40	61	92 250	8 968,780	112 086,503	12,497	12,029
41	62	91 619	8 403,198	103 117,723	12,271	11,803
42	63	90 942	7 868,936	94 714,525	12,037	11,569
43	64	90 208	7 363,657	86 845,589	11,794	11,326
44	65	89 404	6 884,928	79 481,932	11,544	11,076
45	66	88 529	6 431,606	72 597,003	11,288	10,820
46	67	87 576	6 002,254	66 165,397	11,023	10,555
47	68	86 537	5 595,358	60 163,143	10,752	10,284
48	69	85 440	5 211,732	54 567,785	10,470	10,002
49	70	84 251	4 848,259	49 356,052	10,180	9,712
50	71	82 962	4 503,886	44 507,794	9,882	9,414
51	72	81 563	4 177,307	40 003,908	9,576	9,109
52	73	80 078	3 869,075	35 826,600	9,260	8,792
53	74	78 489	3 577,655	31 957,526	8,933	8,465
54	75	76 762	3 300,861	28 379,871	8,598	8,130
55	76	74 878	3 037,616	25 079,010	8,256	7,788
56	77	72 794	2 785,894	22 041,394	7,912	7,444
57	78	70 529	2 546,425	19 255,500	7,562	7,094
58	79	68 030	2 317,178	16 709,075	7,211	6,743
59	80	65 235	2 096,202	14 391,897	6,866	6,398
60	81	62 149	1 884,005	12 295,694	6,526	6,058
61	82	58 814	1 681,988	10 411,689	6,190	5,722
62	83	55 239	1 490,342	8 729,701	5,858	5,390
63	84	51 400	1 308,261	7 239,359	5,534	5,066
64	85	47 318	1 136,199	5 931,098	5,220	4,752
65	86	43 041	974,992	4 794,899	4,918	4,450
66	87	38 612	825,149	3 819,906	4,629	4,161
67	88	34 137	688,235	2 994,758	4,351	3,883
68	89	29 675	564,406	2 306,523	4,087	3,619
69	90	25 308	454,095	1 742,117	3,836	3,368
70	91	21 119	357,485	1 288,021	3,603	3,135
71	92	17 191	274,525	930,537	3,390	2,922
72	93	13 626	205,278	656,012	3,196	2,728
73	94	10 494	149,141	450,734	3,022	2,554
74	95	7 799	104,566	301,593	2,884	2,416
75	96	5 675	71,790	197,027	2,744	2,277
76	97	4 005	47,791	125,237	2,620	2,153
77	98	2 786	31,368	77,446	2,469	2,001
78	99	1 857	19,726	46,078	2,336	1,868
79	100	1 186	11,882	26,352	2,218	1,750

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 677 297,879	16,866	16,398
1	23	99 081	93 472,392	1 577 847,284	16,880	16,412
2	24	99 032	88 138,353	1 484 374,892	16,841	16,373
3	25	99 000	83 122,323	1 396 236,539	16,797	16,329
4	26	98 969	78 392,570	1 313 114,216	16,750	16,283
5	27	98 938	73 932,289	1 234 721,646	16,701	16,233
6	28	98 907	69 725,637	1 160 789,357	16,648	16,180
7	29	98 872	65 755,678	1 091 063,720	16,593	16,125
8	30	98 838	62 012,383	1 025 308,043	16,534	16,066
9	31	98 801	58 480,113	963 295,659	16,472	16,004
10	32	98 761	55 147,873	904 815,546	16,407	15,939
11	33	98 720	52 004,240	849 667,674	16,338	15,870
12	34	98 676	49 038,756	797 663,434	16,266	15,798
13	35	98 629	46 241,259	748 624,678	16,190	15,722
14	36	98 580	43 602,102	702 383,419	16,109	15,641
15	37	98 522	41 109,807	658 781,317	16,025	15,557
16	38	98 462	38 759,162	617 671,510	15,936	15,468
17	39	98 379	36 534,419	578 912,348	15,846	15,378
18	40	98 291	34 435,802	542 377,929	15,750	15,282
19	41	98 187	32 452,112	507 942,127	15,652	15,184
20	42	98 071	30 579,071	475 490,016	15,550	15,082
21	43	97 946	28 811,249	444 910,945	15,442	14,974
22	44	97 814	27 143,819	416 099,696	15,329	14,861
23	45	97 670	25 569,718	388 955,877	15,212	14,744
24	46	97 517	24 084,488	363 386,159	15,088	14,620
25	47	97 346	22 681,395	339 301,671	14,959	14,492
26	48	97 159	21 356,588	316 620,275	14,825	14,357
27	49	96 958	20 105,966	295 263,687	14,685	14,217
28	50	96 731	18 923,542	275 157,722	14,540	14,073
29	51	96 491	17 808,039	256 234,180	14,389	13,921
30	52	96 223	16 753,331	238 426,141	14,232	13,764
31	53	95 931	15 757,140	221 672,810	14,068	13,600
32	54	95 603	14 814,393	205 915,670	13,900	13,432
33	55	95 249	13 924,020	191 101,276	13,725	13,257
34	56	94 866	13 083,047	177 177,257	13,543	13,075
35	57	94 446	12 287,928	164 094,210	13,354	12,886
36	58	93 986	11 535,855	151 806,282	13,160	12,692
37	59	93 488	10 825,269	140 270,428	12,958	12,490
38	60	92 949	10 153,668	129 445,159	12,749	12,281
39	61	92 351	9 517,293	119 291,491	12,534	12,066
40	62	91 734	8 918,598	109 774,197	12,308	11,840
41	63	91 062	8 352,135	100 855,599	12,075	11,607
42	64	90 343	7 817,124	92 503,464	11,833	11,365
43	65	89 551	7 309,995	84 686,340	11,585	11,117
44	66	88 688	6 829,765	77 376,344	11,329	10,861
45	67	87 755	6 375,423	70 546,579	11,065	10,597
46	68	86 727	5 944,066	64 171,156	10,796	10,328
47	69	85 653	5 538,203	58 227,090	10,514	10,046
48	70	84 486	5 153,506	52 688,887	10,224	9,756
49	71	83 224	4 789,190	47 535,381	9,926	9,458
50	72	81 851	4 443,577	42 746,191	9,620	9,152
51	73	80 388	4 117,115	38 302,614	9,303	8,835
52	74	78 838	3 809,171	34 185,499	8,975	8,507
53	75	77 146	3 516,447	30 376,328	8,638	8,170
54	76	75 298	3 237,922	26 859,882	8,295	7,827
55	77	73 244	2 971,317	23 621,960	7,950	7,482
56	78	71 014	2 717,774	20 650,643	7,598	7,130
57	79	68 547	2 474,870	17 932,869	7,246	6,778
58	80	65 790	2 240,889	15 457,999	6,898	6,430
59	81	62 729	2 015,691	13 217,111	6,557	6,089
60	82	59 411	1 800,991	11 201,419	6,220	5,752
61	83	55 853	1 597,314	9 400,428	5,885	5,417
62	84	52 031	1 403,780	7 803,114	5,559	5,091
63	85	47 945	1 220,319	6 399,334	5,244	4,776
64	86	43 664	1 048,461	5 179,015	4,940	4,472
65	87	39 214	888,308	4 130,555	4,650	4,182
66	88	34 705	741,652	3 242,247	4,372	3,904
67	89	30 218	609,208	2 500,595	4,105	3,637
68	90	25 790	490,515	1 891,387	3,856	3,388
69	91	21 564	386,918	1 400,871	3,621	3,153
70	92	17 585	297,665	1 013,953	3,406	2,938
71	93	13 967	223,035	716,288	3,212	2,744
72	94	10 775	162,335	493,253	3,038	2,571
73	95	8 026	114,067	330,919	2,901	2,433
74	96	5 857	78,525	216,851	2,762	2,294
75	97	4 146	52,444	138,326	2,638	2,170
76	98	2 895	34,550	85,883	2,486	2,018
77	99	1 937	21,809	51,332	2,354	1,886
78	100	1 243	13,206	29,523	2,236	1,768

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 673 696,576	16,832	16,364
1	24	99 059	93 452,110	1 574 263,190	16,846	16,378
2	25	99 015	88 123,407	1 480 811,080	16,804	16,336
3	26	98 982	83 106,824	1 392 687,673	16,758	16,290
4	27	98 950	78 377,317	1 309 580,849	16,709	16,241
5	28	98 916	73 916,140	1 231 203,532	16,657	16,189
6	29	98 882	69 708,247	1 157 287,391	16,602	16,134
7	30	98 847	65 738,661	1 087 579,144	16,544	16,076
8	31	98 809	61 993,970	1 021 840,483	16,483	16,015
9	32	98 769	58 461,446	959 846,513	16,418	15,950
10	33	98 727	55 128,734	901 385,066	16,351	15,883
11	34	98 684	51 985,724	846 256,333	16,279	15,811
12	35	98 637	49 019,576	794 270,609	16,203	15,735
13	36	98 590	46 222,648	745 251,033	16,123	15,655
14	37	98 534	43 581,659	699 028,385	16,040	15,572
15	38	98 477	41 090,887	655 446,726	15,951	15,483
16	39	98 404	38 736,462	614 355,838	15,860	15,392
17	40	98 320	36 512,656	575 619,377	15,765	15,297
18	41	98 225	34 412,430	539 106,721	15,666	15,198
19	42	98 112	32 427,355	504 694,291	15,564	15,096
20	43	97 990	30 553,696	472 266,935	15,457	14,989
21	44	97 858	28 785,321	441 713,240	15,345	14,877
22	45	97 714	27 116,131	412 927,919	15,228	14,760
23	46	97 561	25 541,286	385 811,787	15,105	14,637
24	47	97 393	24 053,907	360 270,502	14,978	14,510
25	48	97 206	22 648,881	336 216,595	14,845	14,377
26	49	97 004	21 322,427	313 567,714	14,706	14,238
27	50	96 782	20 069,545	292 245,287	14,562	14,094
28	51	96 541	18 886,250	272 175,743	14,411	13,943
29	52	96 278	17 768,705	253 289,493	14,255	13,787
30	53	95 986	16 712,197	235 520,788	14,093	13,625
31	54	95 669	15 714,074	218 808,591	13,924	13,456
32	55	95 315	14 769,807	203 094,518	13,751	13,283
33	56	94 933	13 877,884	188 324,710	13,570	13,102
34	57	94 522	13 035,701	174 446,826	13,382	12,914
35	58	94 069	12 238,871	161 411,126	13,188	12,720
36	59	93 571	11 484,975	149 172,255	12,988	12,521
37	60	93 036	10 772,983	137 687,280	12,781	12,313
38	61	92 448	10 098,930	126 914,297	12,567	12,099
39	62	91 834	9 464,043	116 815,367	12,343	11,875
40	63	91 177	8 864,403	107 351,324	12,110	11,642
41	64	90 463	8 297,141	98 486,921	11,870	11,402
42	65	89 684	7 760,158	90 189,780	11,622	11,154
43	66	88 833	7 251,426	82 429,622	11,367	10,899
44	67	87 913	6 770,104	75 178,195	11,104	10,636
45	68	86 904	6 313,617	68 408,091	10,835	10,367
46	69	85 841	5 883,349	62 094,474	10,554	10,086
47	70	84 696	5 476,329	56 211,125	10,264	9,796
48	71	83 457	5 090,718	50 734,796	9,966	9,498
49	72	82 110	4 725,061	45 644,078	9,660	9,192
50	73	80 672	4 379,548	40 919,017	9,343	8,875
51	74	79 144	4 053,371	36 539,469	9,015	8,547
52	75	77 489	3 744,002	32 486,098	8,677	8,209
53	76	75 675	3 449,397	28 742,096	8,332	7,865
54	77	73 654	3 167,250	25 292,700	7,986	7,518
55	78	71 453	2 898,662	22 125,449	7,633	7,165
56	79	69 018	2 641,404	19 226,787	7,279	6,811
57	80	66 290	2 393,389	16 585,383	6,930	6,462
58	81	63 263	2 154,821	14 191,994	6,586	6,118
59	82	59 965	1 926,875	12 037,173	6,247	5,779
60	83	56 420	1 710,326	10 110,298	5,911	5,443
61	84	52 609	1 504,539	8 399,972	5,583	5,115
62	85	48 533	1 309,417	6 895,433	5,266	4,798
63	86	44 243	1 126,084	5 586,016	4,961	4,493
64	87	39 782	955,244	4 459,932	4,669	4,201
65	88	35 246	798,420	3 504,687	4,390	3,922
66	89	30 720	656,492	2 706,267	4,122	3,654
67	90	26 261	529,452	2 049,776	3,872	3,404
68	91	21 975	417,950	1 520,324	3,638	3,170
69	92	17 955	322,173	1 102,374	3,422	2,954
70	93	14 287	241,835	780,201	3,226	2,758
71	94	11 045	176,377	538,366	3,052	2,584
72	95	8 241	124,158	361,989	2,916	2,448
73	96	6 027	85,661	237,831	2,776	2,308
74	97	4 278	57,364	152,170	2,653	2,185
75	98	2 997	37,914	94,807	2,501	2,033
76	99	2 013	24,022	56,893	2,368	1,900
77	100	1 297	14,601	32,871	2,251	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 669 872,045	16,798	16,330
1	25	99 042	93 436,264	1 570 460,235	16,808	16,340
2	26	98 997	88 106,975	1 477 023,972	16,764	16,296
3	27	98 962	83 090,654	1 388 916,996	16,716	16,248
4	28	98 928	78 360,197	1 305 826,343	16,664	16,196
5	29	98 892	73 897,706	1 227 466,146	16,610	16,142
6	30	98 857	69 690,208	1 153 568,439	16,553	16,085
7	31	98 817	65 719,141	1 083 878,231	16,493	16,025
8	32	98 777	61 974,182	1 018 159,090	16,429	15,961
9	33	98 735	58 441,157	956 184,908	16,361	15,894
10	34	98 692	55 109,105	897 743,751	16,290	15,822
11	35	98 646	51 965,391	842 634,645	16,215	15,747
12	36	98 597	48 999,847	790 669,254	16,136	15,668
13	37	98 543	46 200,977	741 669,407	16,053	15,585
14	38	98 489	43 561,602	695 468,431	15,965	15,497
15	39	98 419	41 066,822	651 906,829	15,874	15,406
16	40	98 346	38 713,386	610 840,007	15,779	15,311
17	41	98 254	36 487,875	572 126,621	15,680	15,212
18	42	98 150	34 386,178	535 638,746	15,577	15,109
19	43	98 031	32 400,447	501 252,568	15,471	15,003
20	44	97 902	30 526,200	468 852,121	15,359	14,891
21	45	97 758	28 755,959	438 325,921	15,243	14,775
22	46	97 605	27 085,979	409 569,963	15,121	14,653
23	47	97 437	25 508,855	382 483,983	14,994	14,526
24	48	97 253	24 019,425	356 975,128	14,862	14,394
25	49	97 051	22 612,652	332 955,703	14,724	14,256
26	50	96 828	21 283,802	310 343,051	14,581	14,113
27	51	96 592	20 029,994	289 059,249	14,431	13,963
28	52	96 327	18 844,534	269 029,255	14,276	13,808
29	53	96 041	17 725,078	250 184,721	14,115	13,647
30	54	95 724	16 666,520	232 459,643	13,948	13,480
31	55	95 381	15 666,780	215 793,123	13,774	13,306
32	56	94 999	14 720,869	200 126,343	13,595	13,127
33	57	94 589	13 827,661	185 405,474	13,408	12,940
34	58	94 145	12 983,659	171 577,813	13,215	12,747
35	59	93 654	12 184,891	158 594,154	13,016	12,548
36	60	93 119	11 429,503	146 409,263	12,810	12,342
37	61	92 535	10 714,905	134 979,761	12,597	12,129
38	62	91 931	10 042,425	124 264,856	12,374	11,906
39	63	91 276	9 406,534	114 222,430	12,143	11,675
40	64	90 576	8 806,036	104 815,897	11,903	11,435
41	65	89 803	8 236,677	96 009,861	11,656	11,188
42	66	88 966	7 697,982	87 773,184	11,402	10,934
43	67	88 057	7 188,082	80 075,201	11,140	10,672
44	68	87 061	6 704,472	72 887,119	10,871	10,403
45	69	86 017	6 249,125	66 182,647	10,591	10,123
46	70	84 882	5 817,619	59 933,522	10,302	9,834
47	71	83 665	5 409,608	54 115,903	10,004	9,536
48	72	82 339	5 022,551	48 706,295	9,698	9,230
49	73	80 927	4 656,976	43 683,744	9,380	8,912
50	74	79 423	4 311,741	39 026,768	9,051	8,583
51	75	77 790	3 984,024	34 715,027	8,714	8,246
52	76	76 012	3 672,613	30 731,003	8,368	7,900
53	77	74 024	3 374,110	27 058,390	8,019	7,551
54	78	71 853	3 089,805	23 684,280	7,665	7,197
55	79	69 445	2 817,209	20 594,475	7,310	6,842
56	80	66 746	2 554,440	17 777,265	6,959	6,491
57	81	63 744	2 301,464	15 222,825	6,614	6,146
58	82	60 476	2 059,874	12 921,361	6,273	5,805
59	83	56 946	1 829,873	10 861,487	5,936	5,468
60	84	53 143	1 610,987	9 031,614	5,606	5,138
61	85	49 073	1 403,402	7 420,627	5,288	4,820
62	86	44 786	1 208,302	6 017,225	4,980	4,512
63	87	40 309	1 025,966	4 808,923	4,687	4,219
64	88	35 757	858,583	3 782,956	4,406	3,938
65	89	31 199	706,741	2 924,373	4,138	3,670
66	90	26 698	570,545	2 217,632	3,887	3,419
67	91	22 376	451,126	1 647,087	3,651	3,183
68	92	18 298	348,012	1 195,960	3,437	2,969
69	93	14 588	261,747	847,948	3,240	2,772
70	94	11 298	191,244	586,201	3,065	2,597
71	95	8 447	134,898	394,957	2,928	2,460
72	96	6 189	93,238	260,060	2,789	2,321
73	97	4 403	62,576	166,821	2,666	2,198
74	98	3 093	41,471	104,245	2,514	2,046
75	99	2 084	26,360	62,774	2,381	1,913
76	100	1 348	16,082	36,414	2,264	1,796

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 665 815,903	16,760	16,292
1	26	99 024	93 418,841	1 566 420,951	16,768	16,300
2	27	98 978	88 089,832	1 473 002,109	16,722	16,254
3	28	98 941	83 072,504	1 384 912,277	16,671	16,203
4	29	98 903	78 340,655	1 301 839,773	16,618	16,150
5	30	98 866	73 878,583	1 223 499,118	16,561	16,093
6	31	98 828	69 669,515	1 149 620,535	16,501	16,033
7	32	98 786	65 698,164	1 079 951,020	16,438	15,970
8	33	98 743	61 952,674	1 014 252,856	16,371	15,903
9	34	98 700	58 420,350	952 300,182	16,301	15,833
10	35	98 653	55 087,551	893 879,833	16,227	15,759
11	36	98 606	51 944,476	838 792,281	16,148	15,680
12	37	98 551	48 976,873	786 847,805	16,066	15,598
13	38	98 498	46 179,714	737 870,932	15,978	15,510
14	39	98 431	43 536,089	691 691,218	15,888	15,420
15	40	98 360	41 042,358	648 155,129	15,792	15,324
16	41	98 279	38 687,112	607 112,771	15,693	15,225
17	42	98 179	36 460,040	568 425,659	15,590	15,122
18	43	98 068	34 357,644	531 965,619	15,483	15,015
19	44	97 943	32 371,288	497 607,975	15,372	14,904
20	45	97 802	30 495,062	465 236,686	15,256	14,788
21	46	97 649	28 723,983	434 741,625	15,135	14,667
22	47	97 481	27 051,587	406 017,641	15,009	14,541
23	48	97 298	25 472,287	378 966,054	14,878	14,410
24	49	97 098	23 981,004	353 493,767	14,741	14,273
25	50	96 875	22 571,690	329 512,763	14,598	14,131
26	51	96 637	21 241,859	306 941,073	14,450	13,982
27	52	96 378	19 985,753	285 699,214	14,295	13,827
28	53	96 091	18 798,265	265 713,461	14,135	13,667
29	54	95 779	17 676,633	246 915,196	13,968	13,500
30	55	95 436	16 616,360	229 238,564	13,796	13,328
31	56	95 065	15 614,870	212 622,204	13,617	13,149
32	57	94 656	14 667,596	197 007,334	13,431	12,964
33	58	94 212	13 772,457	182 339,738	13,239	12,771
34	59	93 730	12 926,393	168 567,281	13,041	12,573
35	60	93 202	12 126,038	155 640,887	12,835	12,367
36	61	92 617	11 367,886	143 514,850	12,625	12,157
37	62	92 017	10 654,954	132 146,964	12,402	11,934
38	63	91 372	9 981,401	121 492,009	12,172	11,704
39	64	90 675	9 344,597	111 510,608	11,933	11,465
40	65	89 916	8 741,864	102 166,011	11,687	11,219
41	66	89 084	8 170,683	93 424,148	11,434	10,966
42	67	88 189	7 630,737	85 253,464	11,172	10,704
43	68	87 204	7 118,398	77 622,727	10,905	10,437
44	69	86 171	6 635,988	70 504,329	10,625	10,157
45	70	85 056	6 179,308	63 868,342	10,336	9,868
46	71	83 848	5 746,740	57 689,033	10,039	9,571
47	72	82 544	5 337,171	51 942,294	9,732	9,264
48	73	81 153	4 950,180	46 605,122	9,415	8,947
49	74	79 674	4 584,873	41 654,942	9,085	8,617
50	75	78 064	4 237,974	37 070,069	8,747	8,279
51	76	76 306	3 908,059	32 832,095	8,401	7,933
52	77	74 353	3 592,454	28 924,037	8,051	7,583
53	78	72 214	3 291,607	25 331,582	7,696	7,228
54	79	69 834	3 002,981	22 039,976	7,339	6,871
55	80	67 159	2 724,457	19 036,995	6,987	6,519
56	81	64 182	2 456,329	16 312,537	6,641	6,173
57	82	60 935	2 200,055	13 856,208	6,298	5,830
58	83	57 431	1 956,177	11 656,153	5,959	5,491
59	84	53 639	1 723,591	9 699,976	5,628	5,160
60	85	49 570	1 502,695	7 976,386	5,308	4,840
61	86	45 283	1 295,030	6 473,690	4,999	4,531
62	87	40 804	1 100,874	5 178,660	4,704	4,236
63	88	36 230	922,149	4 077,786	4,422	3,954
64	89	31 651	759,996	3 155,637	4,152	3,684
65	90	27 115	614,216	2 395,641	3,900	3,432
66	91	22 748	486,140	1 781,424	3,664	3,196
67	92	18 632	375,637	1 295,284	3,448	2,980
68	93	14 866	282,740	919,647	3,253	2,785
69	94	11 536	206,990	636,907	3,077	2,609
70	95	8 641	146,269	429,918	2,939	2,471
71	96	6 344	101,304	283,649	2,800	2,332
72	97	4 521	68,112	182,346	2,677	2,209
73	98	3 183	45,239	114,234	2,525	2,057
74	99	2 150	28,833	68,994	2,393	1,925
75	100	1 395	17,648	40,161	2,276	1,808

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	94 005,038	1 619 694,900	17,230	16,762
2	1	99 313	88 388,199	1 525 689,861	17,261	16,793
3	2	99 275	83 352,825	1 437 301,662	17,244	16,776
4	3	99 250	78 615,254	1 353 948,837	17,222	16,755
5	4	99 227	74 147,897	1 275 333,583	17,200	16,732
6	5	99 208	69 937,894	1 201 185,686	17,175	16,707
7	6	99 191	65 967,356	1 131 247,792	17,149	16,681
8	7	99 176	62 224,018	1 065 280,437	17,120	16,652
9	8	99 163	58 694,228	1 003 056,418	17,090	16,622
10	9	99 149	55 364,033	944 362,190	17,057	16,589
11	10	99 135	52 222,824	888 998,157	17,023	16,555
12	11	99 120	49 259,496	836 775,334	16,987	16,519
13	12	99 105	46 464,120	787 515,837	16,949	16,481
14	13	99 087	43 826,416	741 051,717	16,909	16,441
15	14	99 067	41 337,138	697 225,301	16,867	16,399
16	15	99 042	38 987,347	655 888,163	16,823	16,355
17	16	99 004	36 766,443	616 900,816	16,779	16,311
18	17	98 961	34 670,261	580 134,373	16,733	16,265
19	18	98 908	32 690,467	545 464,112	16,686	16,218
20	19	98 847	30 820,908	512 773,645	16,637	16,169
21	20	98 783	29 057,613	481 952,736	16,586	16,118
22	21	98 721	27 395,509	452 895,124	16,532	16,064
23	22	98 660	25 828,887	425 499,614	16,474	16,006
24	23	98 598	24 351,470	399 670,727	16,413	15,945
25	24	98 528	22 956,998	375 319,257	16,349	15,881
26	25	98 464	21 643,454	352 362,259	16,280	15,812
27	26	98 399	20 404,873	330 718,806	16,208	15,740
28	27	98 328	19 235,978	310 313,933	16,132	15,664
29	28	98 256	18 133,840	291 077,955	16,052	15,584
30	29	98 175	17 093,337	272 944,115	15,968	15,500
31	30	98 093	16 112,328	255 850,778	15,879	15,411
32	31	97 997	15 185,336	239 738,450	15,787	15,320
33	32	97 897	14 311,184	224 553,113	15,691	15,223
34	33	97 793	13 486,848	210 241,930	15,589	15,121
35	34	97 680	12 708,669	196 755,082	15,482	15,014
36	35	97 555	11 973,982	184 046,412	15,371	14,903
37	36	97 429	11 281,644	172 072,430	15,252	14,784
38	37	97 292	10 628,103	160 790,786	15,129	14,661
39	38	97 145	10 011,380	150 162,684	14,999	14,531
40	39	96 983	9 428,865	140 151,304	14,864	14,396
41	40	96 803	8 878,685	130 722,439	14,723	14,255
42	41	96 609	8 359,346	121 843,755	14,576	14,108
43	42	96 392	7 868,418	113 484,409	14,423	13,955
44	43	96 154	7 404,730	105 615,991	14,263	13,795
45	44	95 895	6 966,776	98 211,262	14,097	13,629
46	45	95 601	6 552,303	91 244,486	13,926	13,458
47	46	95 286	6 161,055	84 692,183	13,746	13,278
48	47	94 929	5 790,506	78 531,128	13,562	13,094
49	48	94 529	5 439,720	72 740,622	13,372	12,904
50	49	94 081	5 107,479	67 300,902	13,177	12,709
51	50	93 580	4 792,729	62 193,423	12,977	12,509
52	51	93 035	4 495,110	57 400,693	12,770	12,302
53	52	92 418	4 212,578	52 905,584	12,559	12,091
54	53	91 732	3 944,605	48 693,006	12,344	11,876
55	54	90 971	3 690,468	44 748,401	12,125	11,657
56	55	90 140	3 449,754	41 057,933	11,902	11,434
57	56	89 227	3 221,546	37 608,180	11,674	11,206
58	57	88 234	3 005,362	34 386,634	11,442	10,974
59	58	87 140	2 800,092	31 381,273	11,207	10,739
60	59	85 953	2 605,618	28 581,180	10,969	10,501
61	60	84 679	2 421,694	25 975,563	10,726	10,258
62	61	83 297	2 247,332	23 553,869	10,481	10,013
63	62	81 827	2 082,696	21 306,536	10,230	9,762
64	63	80 267	1 927,348	19 223,840	9,974	9,506
65	64	78 600	1 780,493	17 296,492	9,714	9,246
66	65	76 828	1 641,846	15 516,000	9,450	8,982
67	66	74 967	1 511,386	13 874,154	9,180	8,712
68	67	72 978	1 388,005	12 362,768	8,907	8,439
69	68	70 918	1 272,491	10 974,764	8,625	8,157
70	69	68 746	1 163,682	9 702,273	8,338	7,870
71	70	66 455	1 061,227	8 538,591	8,046	7,578
72	71	64 044	964,838	7 477,364	7,750	7,282
73	72	61 534	874,554	6 512,525	7,447	6,979
74	73	58 931	790,153	5 637,971	7,135	6,667
75	74	56 225	711,195	4 847,818	6,816	6,348
76	75	53 382	637,017	4 136,623	6,494	6,026
77	76	50 393	567,311	3 499,606	6,169	5,701
78	77	47 260	501,920	2 932,295	5,842	5,374
79	78	43 972	440,570	2 430,375	5,516	5,048
80	79	40 502	382,835	1 989,805	5,198	4,730
81	80	36 874	328,812	1 606,970	4,887	4,419
82	81	33 099	278,440	1 278,158	4,590	4,122
83	82	29 275	232,330	999,718	4,303	3,835
84	83	25 443	190,494	767,388	4,028	3,560
85	84	21 681	153,138	576,894	3,767	3,299
86	85	18 049	120,270	423,757	3,523	3,055
87	86	14 656	92,134	303,487	3,294	2,826
88	87	11 578	68,660	211,353	3,078	2,610
89	88	8 871	49,630	142,694	2,875	2,407
90	89	6 577	34,712	93,064	2,681	2,213
91	90	4 689	23,350	58,352	2,499	2,031
92	91	3 187	14,970	35,002	2,338	1,870
93	92	2 059	9,123	20,032	2,196	1,728
94	93	1 265	5,287	10,909	2,063	1,595
95	94	727	2,866	5,622	1,962	1,494
96	95	397	1,476	2,756	1,867	1,399
97	96	205	0,719	1,280	1,780	1,312
98	97	99	0,328	0,561	1,710	1,242
99	98	46	0,143	0,233	1,631	1,163
100	99	20	0,058	0,090	1,563	1,095

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	88 659,841	1 526 651,042	17,219	16,751
3	1	99 297	83 372,088	1 437 991,201	17,248	16,780
4	2	99 262	78 624,616	1 354 619,112	17,229	16,761
5	3	99 238	74 156,732	1 275 994,496	17,207	16,739
6	4	99 217	69 944,254	1 201 837,764	17,183	16,715
7	5	99 198	65 972,303	1 131 893,510	17,157	16,689
8	6	99 182	62 228,114	1 065 921,207	17,129	16,661
9	7	99 168	58 697,122	1 003 693,092	17,100	16,632
10	8	99 155	55 367,461	944 995,971	17,068	16,600
11	9	99 141	52 226,203	889 628,510	17,034	16,566
12	10	99 126	49 262,415	837 402,307	16,999	16,531
13	11	99 112	46 467,581	788 139,892	16,961	16,493
14	12	99 095	43 829,884	741 672,310	16,922	16,454
15	13	99 075	41 340,682	697 842,427	16,880	16,412
16	14	99 052	38 991,439	656 501,745	16,837	16,369
17	15	99 016	36 771,043	617 510,306	16,793	16,325
18	16	98 975	34 675,153	580 739,263	16,748	16,280
19	17	98 923	32 695,255	546 064,109	16,702	16,234
20	18	98 867	30 827,186	513 368,855	16,653	16,185
21	19	98 802	29 063,223	482 541,669	16,603	16,135
22	20	98 739	27 400,583	453 478,446	16,550	16,082
23	21	98 676	25 833,164	426 077,863	16,493	16,025
24	22	98 615	24 355,685	400 244,699	16,433	15,965
25	23	98 550	22 961,980	375 889,014	16,370	15,902
26	24	98 481	21 647,125	352 927,034	16,304	15,836
27	25	98 418	20 408,678	331 279,910	16,232	15,764
28	26	98 347	19 239,722	310 871,232	16,158	15,690
29	27	98 278	18 137,802	291 631,510	16,079	15,611
30	28	98 200	17 097,601	273 493,708	15,996	15,528
31	29	98 119	16 116,499	256 396,107	15,909	15,441
32	30	98 026	15 189,847	240 279,609	15,818	15,350
33	31	97 928	14 315,753	225 089,762	15,723	15,255
34	32	97 827	13 491,530	210 774,008	15,623	15,155
35	33	97 715	12 713,196	197 282,478	15,518	15,050
36	34	97 593	11 978,667	184 569,283	15,408	14,940
37	35	97 468	11 286,187	172 590,616	15,292	14,824
38	36	97 338	10 633,088	161 304,429	15,170	14,702
39	37	97 190	10 015,989	150 671,341	15,043	14,575
40	38	97 039	9 434,390	140 655,352	14,909	14,441
41	39	96 861	8 883,977	131 220,962	14,771	14,303
42	40	96 675	8 365,023	122 336,985	14,625	14,157
43	41	96 465	7 874,425	113 971,962	14,474	14,006
44	42	96 234	7 410,879	106 097,537	14,316	13,848
45	43	95 981	6 973,051	98 686,658	14,153	13,685
46	44	95 699	6 558,994	91 713,607	13,983	13,515
47	45	95 392	6 167,913	85 154,613	13,806	13,338
48	46	95 050	5 797,868	78 986,700	13,623	13,155
49	47	94 664	5 447,529	73 188,832	13,435	12,967
50	48	94 231	5 115,662	67 741,303	13,242	12,774
51	49	93 750	4 801,427	62 625,641	13,043	12,575
52	50	93 218	4 503,985	57 824,214	12,838	12,370
53	51	92 623	4 221,903	53 320,229	12,629	12,161
54	52	91 958	3 954,314	49 098,325	12,416	11,948
55	53	91 221	3 700,582	45 144,012	12,199	11,731
56	54	90 412	3 460,168	41 443,430	11,977	11,509
57	55	89 524	3 232,255	37 983,262	11,751	11,283
58	56	88 555	3 016,277	34 751,007	11,521	11,053
59	57	87 489	2 811,316	31 734,730	11,288	10,820
60	58	86 334	2 617,161	28 923,414	11,051	10,583
61	59	85 090	2 433,448	26 306,253	10,810	10,342
62	60	83 749	2 259,513	23 872,805	10,565	10,097
63	61	82 287	2 094,414	21 613,292	10,319	9,852
64	62	80 757	1 939,131	19 518,878	10,066	9,598
65	63	79 121	1 792,294	17 579,746	9,809	9,341
66	64	77 392	1 653,898	15 787,452	9,546	9,078
67	65	75 572	1 523,593	14 133,554	9,276	8,808
68	66	73 621	1 400,236	12 609,961	9,006	8,538
69	67	71 613	1 284,948	11 209,725	8,724	8,256
70	68	69 455	1 175,692	9 924,777	8,442	7,974
71	69	67 205	1 073,218	8 749,086	8,152	7,684
72	70	64 834	976,739	7 675,868	7,859	7,391
73	71	62 369	886,424	6 699,130	7,557	7,090
74	72	59 793	801,705	5 812,706	7,250	6,782
75	73	57 109	722,379	5 011,001	6,937	6,469
76	74	54 311	648,105	4 288,622	6,617	6,149
77	75	51 373	578,338	3 640,516	6,295	5,827
78	76	48 314	513,119	3 062,178	5,968	5,500
79	77	45 074	451,613	2 549,059	5,644	5,176
80	78	41 673	393,904	2 097,446	5,325	4,857
81	79	38 130	340,006	1 703,542	5,010	4,542
82	80	34 421	289,562	1 363,536	4,709	4,241
83	81	30 624	243,038	1 073,974	4,419	3,951
84	82	26 792	200,592	830,936	4,142	3,674
85	83	23 018	162,581	630,344	3,877	3,409
86	84	19 350	128,937	467,763	3,628	3,160
87	85	15 883	99,844	338,826	3,394	2,926
88	86	12 707	75,360	238,982	3,171	2,703
89	87	9 869	55,217	163,623	2,963	2,495
90	88	7 430	39,215	108,406	2,764	2,296
91	89	5 396	26,867	69,191	2,575	2,107
92	90	3 740	17,569	42,324	2,409	1,941
93	91	2 472	10,956	24,755	2,259	1,791
94	92	1 557	6,508	13,798	2,120	1,652
95	93	919	3,624	7,291	2,012	1,544
96	94	519	1,930	3,667	1,899	1,432
97	95	273	0,957	1,736	1,814	1,346
98	96	136	0,449	0,779	1,735	1,267
99	97	63	0,198	0,330	1,670	1,202
100	98	28	0,083	0,132	1,596	1,128

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	83 628,314	1 438 880,001	17,206	16,738
4	1	99 285	78 642,787	1 355 251,687	17,233	16,765
5	2	99 250	74 165,563	1 276 608,900	17,213	16,745
6	3	99 229	69 952,588	1 202 443,337	17,189	16,721
7	4	99 207	65 978,303	1 132 490,749	17,165	16,697
8	5	99 190	62 232,782	1 066 512,446	17,137	16,670
9	6	99 174	58 700,986	1 004 279,664	17,108	16,640
10	7	99 160	55 370,190	945 578,678	17,077	16,609
11	8	99 147	52 229,437	890 208,488	17,044	16,576
12	9	99 132	49 265,603	837 979,051	17,009	16,541
13	10	99 118	46 470,335	788 713,449	16,972	16,504
14	11	99 103	43 833,149	742 243,114	16,933	16,465
15	12	99 083	41 343,953	698 409,965	16,893	16,425
16	13	99 060	38 994,782	657 066,012	16,850	16,382
17	14	99 026	36 774,902	618 071,231	16,807	16,339
18	15	98 987	34 679,492	581 296,329	16,762	16,294
19	16	98 937	32 699,869	546 616,837	16,716	16,248
20	17	98 881	30 831,700	513 916,968	16,668	16,200
21	18	98 822	29 069,142	483 085,268	16,618	16,151
22	19	98 758	27 405,873	454 016,126	16,566	16,098
23	20	98 694	25 837,948	426 610,252	16,511	16,043
24	21	98 631	24 359,718	400 772,304	16,452	15,984
25	22	98 567	22 965,954	376 412,586	16,390	15,922
26	23	98 502	21 651,823	353 446,632	16,324	15,856
27	24	98 434	20 412,139	331 794,810	16,255	15,787
28	25	98 366	19 243,310	311 382,670	16,181	15,713
29	26	98 297	18 141,332	292 139,360	16,104	15,636
30	27	98 221	17 101,336	273 998,029	16,022	15,554
31	28	98 143	16 120,519	256 896,693	15,936	15,468
32	29	98 051	15 193,779	240 776,173	15,847	15,379
33	30	97 957	14 320,005	225 582,395	15,753	15,285
34	31	97 859	13 495,838	211 262,389	15,654	15,186
35	32	97 749	12 717,609	197 766,551	15,551	15,083
36	33	97 628	11 982,934	185 048,942	15,443	14,975
37	34	97 507	11 290,602	173 066,009	15,328	14,860
38	35	97 377	10 637,369	161 775,406	15,208	14,740
39	36	97 236	10 020,687	151 138,037	15,083	14,615
40	37	97 084	9 438,734	141 117,349	14,951	14,483
41	38	96 918	8 889,183	131 678,615	14,813	14,345
42	39	96 732	8 370,009	122 789,432	14,670	14,202
43	40	96 531	7 879,773	114 419,423	14,521	14,053
44	41	96 307	7 416,537	106 539,651	14,365	13,897
45	42	96 061	6 978,842	99 123,114	14,203	13,735
46	43	95 785	6 564,902	92 144,272	14,036	13,568
47	44	95 490	6 174,211	85 579,370	13,861	13,393
48	45	95 155	5 804,322	79 405,159	13,680	13,212
49	46	94 785	5 454,455	73 600,836	13,494	13,026
50	47	94 367	5 123,006	68 146,382	13,302	12,834
51	48	93 900	4 809,119	63 023,376	13,105	12,637
52	49	93 388	4 512,159	58 214,256	12,902	12,434
53	50	92 806	4 230,239	53 702,097	12,695	12,227
54	51	92 161	3 963,067	49 471,858	12,483	12,015
55	52	91 445	3 709,690	45 508,790	12,268	11,800
56	53	90 660	3 469,651	41 799,100	12,047	11,579
57	54	89 794	3 242,013	38 329,449	11,823	11,355
58	55	88 849	3 026,305	35 087,437	11,594	11,126
59	56	87 807	2 821,527	32 061,132	11,363	10,895
60	57	86 680	2 627,651	29 239,606	11,128	10,660
61	58	85 467	2 444,228	26 611,955	10,888	10,420
62	59	84 155	2 270,480	24 167,727	10,644	10,176
63	60	82 733	2 105,767	21 897,247	10,399	9,931
64	61	81 212	1 950,042	19 791,480	10,149	9,681
65	62	79 604	1 803,252	17 841,438	9,894	9,426
66	63	77 905	1 664,860	16 038,186	9,633	9,165
67	64	76 127	1 534,777	14 373,326	9,365	8,897
68	65	74 215	1 411,546	12 838,549	9,095	8,627
69	66	72 244	1 296,271	11 427,003	8,815	8,347
70	67	70 135	1 187,201	10 130,732	8,533	8,065
71	68	67 899	1 084,293	8 943,531	8,248	7,780
72	69	65 566	987,774	7 859,238	7,957	7,489
73	70	63 138	897,357	6 871,464	7,657	7,189
74	71	60 604	812,586	5 974,107	7,352	6,884
75	72	57 944	732,941	5 161,521	7,042	6,574
76	73	55 166	658,297	4 428,580	6,727	6,259
77	74	52 267	588,405	3 770,283	6,408	5,940
78	75	49 253	523,093	3 181,878	6,083	5,615
79	76	46 080	461,690	2 658,785	5,759	5,291
80	77	42 718	403,777	2 197,095	5,441	4,973
81	78	39 232	349,837	1 793,318	5,126	4,658
82	79	35 593	299,419	1 443,481	4,821	4,353
83	80	31 847	252,746	1 144,062	4,527	4,059
84	81	28 027	209,838	891,316	4,248	3,780
85	82	24 238	171,199	681,478	3,981	3,513
86	83	20 543	136,888	510,279	3,728	3,260
87	84	17 028	107,039	373,391	3,488	3,020
88	85	13 771	81,666	266,352	3,261	2,794
89	86	10 833	60,605	184,686	3,047	2,579
90	87	8 266	43,629	124,081	2,844	2,376
91	88	6 096	30,352	80,451	2,651	2,183
92	89	4 304	20,216	50,099	2,478	2,010
93	90	2 902	12,858	29,883	2,324	1,856
94	91	1 869	7,816	17,025	2,178	1,710
95	92	1 131	4,460	9,209	2,065	1,597
96	93	656	2,441	4,749	1,945	1,477
97	94	357	1,252	2,307	1,843	1,375
98	95	181	0,598	1,056	1,765	1,297
99	96	87	0,270	0,458	1,692	1,224
100	97	39	0,115	0,187	1,633	1,165

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	78 884,478	1 356 073,316	17,191	16,723
5	1	99 273	74 182,704	1 277 188,838	17,217	16,749
6	2	99 241	69 960,919	1 203 006,134	17,195	16,727
7	3	99 219	65 986,164	1 133 045,215	17,171	16,703
8	4	99 199	62 238,441	1 067 059,051	17,145	16,677
9	5	99 182	58 705,389	1 004 820,610	17,116	16,648
10	6	99 166	55 373,835	946 115,222	17,086	16,618
11	7	99 152	52 232,011	890 741,386	17,054	16,586
12	8	99 138	49 268,653	838 509,375	17,019	16,551
13	9	99 124	46 473,342	789 240,722	16,983	16,515
14	10	99 108	43 835,746	742 767,380	16,944	16,476
15	11	99 091	41 347,033	698 931,634	16,904	16,436
16	12	99 068	38 997,867	657 584,601	16,862	16,394
17	13	99 035	36 778,055	618 586,734	16,819	16,351
18	14	98 997	34 683,131	581 808,680	16,775	16,307
19	15	98 949	32 703,960	547 125,548	16,730	16,262
20	16	98 895	30 836,051	514 421,588	16,682	16,215
21	17	98 837	29 073,399	483 585,537	16,633	16,165
22	18	98 778	27 411,455	454 512,138	16,581	16,113
23	19	98 714	25 842,937	427 100,682	16,527	16,059
24	20	98 649	24 364,229	401 257,746	16,469	16,001
25	21	98 583	22 969,757	376 893,517	16,408	15,940
26	22	98 519	21 655,570	353 923,760	16,343	15,875
27	23	98 456	20 416,569	332 268,189	16,274	15,806
28	24	98 382	19 246,573	311 851,620	16,203	15,735
29	25	98 315	18 144,715	292 605,047	16,126	15,658
30	26	98 240	17 104,664	274 460,332	16,046	15,578
31	27	98 165	16 124,041	257 355,667	15,961	15,493
32	28	98 076	15 197,569	241 231,626	15,873	15,405
33	29	97 983	14 323,712	226 034,057	15,780	15,312
34	30	97 888	13 499,847	211 710,345	15,682	15,214
35	31	97 780	12 721,670	198 210,499	15,581	15,113
36	32	97 662	11 987,094	185 488,829	15,474	15,006
37	33	97 541	11 294,624	173 501,735	15,361	14,893
38	34	97 415	10 641,532	162 207,111	15,243	14,775
39	35	97 275	10 024,722	151 565,580	15,119	14,651
40	36	97 130	9 443,161	141 540,858	14,989	14,521
41	37	96 962	8 893,276	132 097,696	14,854	14,386
42	38	96 789	8 374,914	123 204,421	14,711	14,243
43	39	96 588	7 884,469	114 829,507	14,564	14,096
44	40	96 373	7 421,574	106 945,037	14,410	13,942
45	41	96 134	6 984,170	99 523,463	14,250	13,782
46	42	95 865	6 570,354	92 539,293	14,084	13,616
47	43	95 576	6 179,773	85 968,939	13,911	13,443
48	44	95 252	5 810,249	79 789,167	13,732	13,265
49	45	94 890	5 460,527	73 978,918	13,548	13,080
50	46	94 487	5 129,519	68 518,391	13,358	12,890
51	47	94 035	4 816,023	63 388,872	13,162	12,694
52	48	93 537	4 519,388	58 572,849	12,960	12,492
53	49	92 974	4 237,916	54 053,460	12,755	12,287
54	50	92 343	3 970,893	49 815,544	12,545	12,077
55	51	91 647	3 717,902	45 844,652	12,331	11,863
56	52	90 883	3 478,191	42 126,749	12,112	11,644
57	53	90 040	3 250,898	38 648,559	11,889	11,421
58	54	89 117	3 035,440	35 397,661	11,661	11,193
59	55	88 099	2 830,907	32 362,221	11,432	10,964
60	56	86 995	2 637,195	29 531,314	11,198	10,730
61	57	85 810	2 454,025	26 894,119	10,959	10,491
62	58	84 528	2 280,538	24 440,094	10,717	10,249
63	59	83 135	2 115,987	22 159,556	10,472	10,004
64	60	81 652	1 960,612	20 043,569	10,223	9,755
65	61	80 052	1 813,398	18 082,957	9,972	9,504
66	62	78 381	1 675,039	16 269,560	9,713	9,245
67	63	76 632	1 544,950	14 594,521	9,447	8,979
68	64	74 760	1 421,908	13 049,571	9,178	8,710
69	65	72 827	1 306,741	11 627,663	8,898	8,430
70	66	70 753	1 197,663	10 320,922	8,618	8,150
71	67	68 564	1 094,908	9 123,259	8,332	7,864
72	68	66 243	997,968	8 028,352	8,045	7,577
73	69	63 852	907,495	7 030,383	7,747	7,279
74	70	61 352	822,608	6 122,888	7,443	6,975
75	71	58 730	742,888	5 300,280	7,135	6,667
76	72	55 972	667,922	4 557,392	6,823	6,355
77	73	53 089	597,658	3 889,470	6,508	6,040
78	74	50 111	532,198	3 291,812	6,185	5,717
79	75	46 976	470,664	2 759,613	5,863	5,395
80	76	43 671	412,787	2 288,949	5,545	5,077
81	77	40 215	358,605	1 876,162	5,232	4,764
82	78	36 622	308,076	1 517,557	4,926	4,458
83	79	32 931	261,350	1 209,481	4,628	4,160
84	80	29 146	218,219	948,130	4,345	3,877
85	81	25 355	179,090	729,911	4,076	3,608
86	82	21 632	144,144	550,821	3,821	3,353
87	83	18 078	113,640	406,677	3,579	3,111
88	84	14 763	87,551	293,037	3,347	2,879
89	85	11 739	65,677	205,486	3,129	2,661
90	86	9 073	47,887	139,809	2,920	2,452
91	87	6 782	33,769	91,922	2,722	2,254
92	88	4 862	22,839	58,152	2,546	2,078
93	89	3 339	14,795	35,314	2,387	1,919
94	90	2 194	9,173	20,519	2,237	1,769
95	91	1 358	5,357	11,346	2,118	1,650
96	92	808	3,005	5,989	1,993	1,525
97	93	451	1,583	2,984	1,885	1,417
98	94	236	0,782	1,401	1,793	1,325
99	95	115	0,360	0,620	1,721	1,253
100	96	53	0,157	0,259	1,653	1,185

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	74 410,688	1 277 948,209	17,174	16,706
6	1	99 264	69 977,088	1 203 537,521	17,199	16,731
7	2	99 231	65 994,023	1 133 560,433	17,177	16,709
8	3	99 210	62 245,857	1 067 566,411	17,151	16,683
9	4	99 191	58 710,727	1 005 320,554	17,123	16,655
10	5	99 174	55 377,988	946 609,827	17,094	16,626
11	6	99 158	52 235,450	891 231,838	17,062	16,594
12	7	99 143	49 271,082	838 996,388	17,028	16,560
13	8	99 130	46 476,219	789 725,306	16,992	16,524
14	9	99 115	43 838,583	743 249,087	16,954	16,486
15	10	99 096	41 349,483	699 410,504	16,915	16,447
16	11	99 076	39 000,772	658 061,022	16,873	16,405
17	12	99 043	36 780,965	619 060,250	16,831	16,363
18	13	99 006	34 686,105	582 279,285	16,787	16,319
19	14	98 959	32 707,392	547 593,181	16,742	16,274
20	15	98 908	30 839,910	514 885,789	16,695	16,227
21	16	98 851	29 077,502	484 045,879	16,647	16,179
22	17	98 793	27 415,469	454 968,377	16,595	16,127
23	18	98 734	25 848,200	427 552,907	16,541	16,073
24	19	98 668	24 368,933	401 704,707	16,484	16,016
25	20	98 601	22 974,011	377 335,774	16,424	15,956
26	21	98 536	21 659,156	354 361,763	16,361	15,893
27	22	98 473	20 420,103	332 702,607	16,293	15,825
28	23	98 404	19 250,751	312 282,504	16,222	15,754
29	24	98 332	18 147,792	293 031,753	16,147	15,679
30	25	98 259	17 107,854	274 883,961	16,068	15,600
31	26	98 184	16 127,179	257 776,107	15,984	15,516
32	27	98 097	15 200,889	241 648,928	15,897	15,429
33	28	98 007	14 327,285	226 448,039	15,805	15,337
34	29	97 913	13 503,341	212 120,754	15,709	15,241
35	30	97 809	12 725,449	198 617,413	15,608	15,140
36	31	97 693	11 990,921	185 891,964	15,503	15,035
37	32	97 575	11 298,545	173 901,043	15,391	14,923
38	33	97 450	10 645,322	162 602,498	15,275	14,807
39	34	97 313	10 028,645	151 957,176	15,152	14,684
40	35	97 169	9 446,964	141 928,532	15,024	14,556
41	36	97 008	8 897,447	132 481,568	14,890	14,422
42	37	96 834	8 378,770	123 584,121	14,750	14,282
43	38	96 645	7 889,090	115 205,351	14,603	14,135
44	39	96 430	7 425,998	107 316,261	14,451	13,983
45	40	96 200	6 988,913	99 890,263	14,293	13,825
46	41	95 938	6 575,370	92 901,350	14,129	13,661
47	42	95 655	6 184,905	86 325,980	13,958	13,490
48	43	95 338	5 815,482	80 141,075	13,781	13,313
49	44	94 987	5 466,102	74 325,593	13,598	13,130
50	45	94 592	5 135,229	68 859,490	13,409	12,941
51	46	94 154	4 822,146	63 724,261	13,215	12,747
52	47	93 672	4 525,876	58 902,115	13,015	12,547
53	48	93 123	4 244,706	54 376,239	12,810	12,342
54	49	92 511	3 978,099	50 131,533	12,602	12,134
55	50	91 828	3 725,244	46 153,434	12,389	11,921
56	51	91 084	3 485,890	42 428,190	12,171	11,703
57	52	90 262	3 258,899	38 942,300	11,950	11,482
58	53	89 362	3 043,759	35 683,401	11,723	11,255
59	54	88 365	2 839,452	32 639,642	11,495	11,027
60	55	87 284	2 645,962	29 800,189	11,263	10,795
61	56	86 121	2 462,938	27 154,228	11,025	10,557
62	57	84 867	2 289,679	24 691,289	10,784	10,316
63	58	83 503	2 125,361	22 401,610	10,540	10,072
64	59	82 048	1 970,128	20 276,249	10,292	9,824
65	60	80 486	1 823,227	18 306,122	10,041	9,573
66	61	78 822	1 684,464	16 482,895	9,785	9,317
67	62	77 100	1 554,395	14 798,431	9,520	9,052
68	63	75 256	1 431,332	13 244,036	9,253	8,785
69	64	73 362	1 316,333	11 812,704	8,974	8,506
70	65	71 325	1 207,336	10 496,370	8,694	8,226
71	66	69 168	1 104,557	9 289,034	8,410	7,942
72	67	66 891	1 007,738	8 184,477	8,122	7,654
73	68	64 511	916,861	7 176,740	7,828	7,360
74	69	62 045	831,902	6 259,879	7,525	7,057
75	70	59 455	752,051	5 427,976	7,218	6,750
76	71	56 732	676,987	4 675,926	6,907	6,439
77	72	53 865	606,396	3 998,939	6,595	6,127
78	73	50 899	540,568	3 392,543	6,276	5,808
79	74	47 794	478,857	2 851,975	5,956	5,488
80	75	44 520	420,810	2 373,118	5,639	5,171
81	76	41 113	366,607	1 952,308	5,325	4,857
82	77	37 540	315,798	1 585,701	5,021	4,553
83	78	33 884	268,907	1 269,902	4,722	4,254
84	79	30 139	225,648	1 000,996	4,436	3,968
85	80	26 368	186,243	775,347	4,163	3,695
86	81	22 629	150,788	589,104	3,907	3,439
87	82	19 036	119,664	438,316	3,663	3,195
88	83	15 673	92,950	318,652	3,428	2,960
89	84	12 585	70,410	225,702	3,206	2,738
90	85	9 832	51,894	155,292	2,992	2,525
91	86	7 444	37,065	103,398	2,790	2,322
92	87	5 409	25,410	66,333	2,611	2,143
93	88	3 772	16,715	40,923	2,448	1,980
94	89	2 525	10,554	24,209	2,294	1,826
95	90	1 594	6,287	13,654	2,172	1,704
96	91	970	3,609	7,367	2,042	1,574
97	92	555	1,948	3,759	1,929	1,461
98	93	299	0,989	1,810	1,831	1,363
99	94	151	0,471	0,822	1,745	1,277
100	95	71	0,209	0,351	1,679	1,211

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	70 192,147	1 204 239,258	17,156	16,688
7	1	99 254	66 009,274	1 134 047,111	17,180	16,712
8	2	99 222	62 253,270	1 068 037,837	17,156	16,688
9	3	99 202	58 717,723	1 005 784,567	17,129	16,661
10	4	99 183	55 383,024	947 066,844	17,100	16,632
11	5	99 166	52 239,367	891 683,820	17,069	16,601
12	6	99 150	49 274,326	839 444,452	17,036	16,568
13	7	99 135	46 478,511	790 170,127	17,001	16,533
14	8	99 121	43 841,297	743 691,616	16,963	16,495
15	9	99 103	41 352,158	699 850,319	16,924	16,456
16	10	99 082	39 003,083	658 498,161	16,883	16,415
17	11	99 050	36 783,704	619 495,078	16,842	16,374
18	12	99 014	34 688,849	582 711,373	16,798	16,330
19	13	98 968	32 710,196	548 022,524	16,754	16,286
20	14	98 918	30 843,146	515 312,328	16,708	16,240
21	15	98 863	29 081,140	484 469,182	16,659	16,191
22	16	98 807	27 419,338	455 388,042	16,608	16,140
23	17	98 748	25 851,985	427 968,704	16,555	16,087
24	18	98 688	24 373,897	402 116,718	16,498	16,030
25	19	98 621	22 978,446	377 742,822	16,439	15,971
26	20	98 554	21 663,167	354 764,375	16,376	15,908
27	21	98 489	20 423,484	333 101,208	16,310	15,842
28	22	98 421	19 254,082	312 677,724	16,240	15,772
29	23	98 353	18 151,731	293 423,641	16,165	15,697
30	24	98 275	17 110,756	275 271,910	16,088	15,620
31	25	98 202	16 130,187	258 161,155	16,005	15,537
32	26	98 116	15 203,847	242 030,968	15,919	15,451
33	27	98 028	14 330,415	226 827,121	15,828	15,360
34	28	97 937	13 506,709	212 496,705	15,733	15,265
35	29	97 834	12 728,742	198 989,996	15,633	15,165
36	30	97 722	11 994,483	186 261,253	15,529	15,061
37	31	97 606	11 302,153	174 266,771	15,419	14,951
38	32	97 484	10 649,017	162 964,618	15,303	14,835
39	33	97 348	10 032,217	152 315,601	15,183	14,715
40	34	97 207	9 450,660	142 283,384	15,055	14,587
41	35	97 047	8 901,030	132 832,724	14,923	14,455
42	36	96 879	8 382,700	123 931,694	14,784	14,316
43	37	96 689	7 892,722	115 548,994	14,640	14,172
44	38	96 487	7 430,349	107 656,272	14,489	14,021
45	39	96 257	6 993,079	100 225,922	14,332	13,864
46	40	96 003	6 579,836	93 232,843	14,169	13,702
47	41	95 728	6 189,627	86 653,008	14,000	13,532
48	42	95 417	5 820,312	80 463,381	13,825	13,357
49	43	95 073	5 471,026	74 643,069	13,643	13,175
50	44	94 688	5 140,473	69 172,043	13,456	12,988
51	45	94 259	4 827,514	64 031,570	13,264	12,796
52	46	93 791	4 531,630	59 204,056	13,065	12,597
53	47	93 257	4 250,800	54 672,426	12,862	12,394
54	48	92 659	3 984,472	50 421,626	12,655	12,187
55	49	91 995	3 732,004	46 437,154	12,443	11,975
56	50	91 264	3 492,773	42 705,150	12,227	11,759
57	51	90 462	3 266,113	39 212,377	12,006	11,538
58	52	89 581	3 051,251	35 946,263	11,781	11,313
59	53	88 607	2 847,234	32 895,012	11,553	11,085
60	54	87 548	2 653,949	30 047,778	11,322	10,854
61	55	86 408	2 471,126	27 393,829	11,086	10,618
62	56	85 175	2 297,995	24 922,703	10,845	10,377
63	57	83 838	2 133,880	22 624,708	10,603	10,135
64	58	82 412	1 978,855	20 490,828	10,355	9,887
65	59	80 877	1 832,076	18 511,972	10,104	9,636
66	60	79 249	1 693,594	16 679,896	9,849	9,381
67	61	77 534	1 563,141	14 986,303	9,587	9,119
68	62	75 716	1 440,083	13 423,161	9,321	8,853
69	63	73 848	1 325,058	11 983,078	9,043	8,575
70	64	71 848	1 216,199	10 658,020	8,763	8,295
71	65	69 727	1 113,478	9 441,821	8,480	8,012
72	66	67 481	1 016,618	8 328,343	8,192	7,724
73	67	65 142	925,836	7 311,725	7,897	7,429
74	68	62 685	840,488	6 385,888	7,598	7,130
75	69	60 127	760,548	5 545,401	7,291	6,823
76	70	57 431	685,337	4 784,853	6,982	6,514
77	71	54 596	614,626	4 099,516	6,670	6,202
78	72	51 643	548,471	3 484,890	6,354	5,886
79	73	48 545	486,387	2 936,419	6,037	5,569
80	74	45 295	428,135	2 450,032	5,723	5,255
81	75	41 912	373,733	2 021,897	5,410	4,942
82	76	38 377	322,845	1 648,163	5,105	4,637
83	77	34 733	275,647	1 325,319	4,808	4,340
84	78	31 010	232,172	1 049,672	4,521	4,053
85	79	27 266	192,584	817,499	4,245	3,777
86	80	23 533	156,811	624,916	3,985	3,517
87	81	19 913	125,180	468,105	3,739	3,271
88	82	16 504	97,877	342,925	3,504	3,036
89	83	13 361	74,752	245,048	3,278	2,810
90	84	10 541	55,634	170,296	3,061	2,593
91	85	8 067	40,167	114,662	2,855	2,387
92	86	5 937	27,889	74,496	2,671	2,203
93	87	4 196	18,596	46,606	2,506	2,038
94	88	2 852	11,924	28,010	2,349	1,881
95	89	1 834	7,234	16,086	2,224	1,756
96	90	1 138	4,235	8,853	2,090	1,622
97	91	667	2,340	4,618	1,973	1,505
98	92	367	1,217	2,277	1,872	1,404
99	93	191	0,595	1,061	1,781	1,313
100	94	93	0,273	0,465	1,702	1,234

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	66 212,139	1 134 695,545	17,137	16,669
8	1	99 245	62 267,657	1 068 483,406	17,160	16,692
9	2	99 214	58 724,716	1 006 215,749	17,134	16,666
10	3	99 194	55 389,623	947 491,033	17,106	16,638
11	4	99 175	52 244,118	892 101,410	17,076	16,608
12	5	99 157	49 278,021	839 857,292	17,043	16,575
13	6	99 142	46 481,570	790 579,271	17,008	16,540
14	7	99 126	43 843,458	744 097,700	16,972	16,504
15	8	99 109	41 354,719	700 254,242	16,933	16,465
16	9	99 088	39 005,607	658 899,523	16,892	16,424
17	10	99 056	36 785,884	619 893,916	16,851	16,383
18	11	99 021	34 691,433	583 108,032	16,808	16,340
19	12	98 976	32 712,784	548 416,599	16,765	16,297
20	13	98 927	30 845,790	515 703,815	16,719	16,251
21	14	98 874	29 084,192	484 858,025	16,671	16,203
22	15	98 819	27 422,769	455 773,833	16,620	16,152
23	16	98 762	25 855,634	428 351,064	16,567	16,099
24	17	98 703	24 377,466	402 495,430	16,511	16,043
25	18	98 641	22 983,127	378 117,964	16,452	15,984
26	19	98 573	21 667,350	355 134,838	16,390	15,922
27	20	98 507	20 427,267	333 467,488	16,325	15,857
28	21	98 437	19 257,271	313 040,221	16,256	15,788
29	22	98 370	18 154,873	293 782,951	16,182	15,714
30	23	98 297	17 114,469	275 628,078	16,105	15,637
31	24	98 219	16 132,922	258 513,609	16,024	15,556
32	25	98 135	15 206,683	242 380,686	15,939	15,471
33	26	98 048	14 333,204	227 174,004	15,849	15,382
34	27	97 959	13 509,660	212 840,799	15,755	15,287
35	28	97 859	12 731,918	199 331,139	15,656	15,188
36	29	97 747	11 997,587	186 599,221	15,553	15,085
37	30	97 635	11 305,510	174 601,634	15,444	14,976
38	31	97 515	10 652,418	163 296,124	15,329	14,862
39	32	97 381	10 035,699	152 643,707	15,210	14,742
40	33	97 241	9 454,026	142 608,007	15,084	14,616
41	34	97 085	8 904,512	133 153,981	14,954	14,486
42	35	96 918	8 386,076	124 249,469	14,816	14,348
43	36	96 735	7 896,424	115 863,393	14,673	14,205
44	37	96 531	7 433,771	107 966,969	14,524	14,056
45	38	96 313	6 997,177	100 533,198	14,368	13,900
46	39	96 060	6 583,758	93 536,021	14,207	13,739
47	40	95 793	6 193,830	86 952,263	14,039	13,571
48	41	95 490	5 824,756	80 758,433	13,865	13,397
49	42	95 152	5 475,570	74 933,677	13,685	13,217
50	43	94 774	5 145,103	69 458,108	13,500	13,032
51	44	94 355	4 832,443	64 313,005	13,309	12,841
52	45	93 895	4 536,675	59 480,561	13,111	12,643
53	46	93 376	4 256,204	54 943,887	12,909	12,441
54	47	92 792	3 990,192	50 687,683	12,703	12,235
55	48	92 142	3 737,983	46 697,490	12,493	12,025
56	49	91 429	3 499,112	42 959,507	12,277	11,809
57	50	90 640	3 272,563	39 460,396	12,058	11,590
58	51	89 780	3 058,005	36 187,833	11,834	11,366
59	52	88 825	2 854,242	33 129,828	11,607	11,139
60	53	87 788	2 661,223	30 275,585	11,377	10,909
61	54	86 669	2 478,586	27 614,363	11,141	10,673
62	55	85 458	2 305,635	25 135,777	10,902	10,434
63	56	84 142	2 141,630	22 830,142	10,660	10,192
64	57	82 742	1 986,787	20 688,512	10,413	9,945
65	58	81 235	1 840,192	18 701,725	10,163	9,695
66	59	79 634	1 701,814	16 861,533	9,908	9,440
67	60	77 954	1 571,614	15 159,719	9,646	9,178
68	61	76 142	1 448,186	13 588,105	9,383	8,915
69	62	74 300	1 333,159	12 139,919	9,106	8,638
70	63	72 324	1 224,260	10 806,760	8,827	8,359
71	64	70 238	1 121,652	9 582,500	8,543	8,075
72	65	68 026	1 024,829	8 460,848	8,256	7,788
73	66	65 716	933,995	7 436,019	7,962	7,494
74	67	63 299	848,716	6 502,023	7,661	7,193
75	68	60 747	768,397	5 653,308	7,357	6,889
76	69	58 080	693,080	4 884,911	7,048	6,580
77	70	55 270	622,207	4 191,831	6,737	6,269
78	71	52 344	555,915	3 569,624	6,421	5,953
79	72	49 255	493,498	3 013,710	6,107	5,639
80	73	46 007	434,868	2 520,211	5,795	5,327
81	74	42 641	380,238	2 085,343	5,484	5,016
82	75	39 123	329,120	1 705,105	5,181	4,713
83	76	35 508	281,797	1 375,985	4,883	4,415
84	77	31 787	237,992	1 094,187	4,598	4,130
85	78	28 054	198,152	856,195	4,321	3,853
86	79	24 334	162,149	658,043	4,058	3,590
87	80	20 709	130,180	495,894	3,809	3,341
88	81	17 265	102,389	365,714	3,572	3,104
89	82	14 069	78,714	263,326	3,345	2,877
90	83	11 191	59,065	184,612	3,126	2,658
91	84	8 648	43,061	125,547	2,916	2,448
92	85	6 434	30,223	82,486	2,729	2,261
93	86	4 606	20,411	52,262	2,561	2,093
94	87	3 173	13,266	31,851	2,401	1,933
95	88	2 072	8,172	18,585	2,274	1,806
96	89	1 310	4,873	10,413	2,137	1,669
97	90	782	2,746	5,540	2,017	1,549
98	91	441	1,461	2,794	1,912	1,444
99	92	235	0,733	1,333	1,818	1,350
100	93	117	0,346	0,600	1,735	1,267

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	62 459,023	1 069 082,590	17,117	16,649
9	1	99 237	58 738,287	1 006 623,567	17,137	16,669
10	2	99 206	55 396,220	947 885,280	17,111	16,643
11	3	99 187	52 250,343	892 489,060	17,081	16,613
12	4	99 166	49 282,502	840 238,717	17,049	16,581
13	5	99 149	46 485,056	790 956,214	17,015	16,547
14	6	99 132	43 846,345	744 471,158	16,979	16,511
15	7	99 114	41 356,758	700 624,813	16,941	16,473
16	8	99 094	39 008,022	659 268,056	16,901	16,433
17	9	99 062	36 788,264	620 260,034	16,860	16,392
18	10	99 027	34 693,489	583 471,770	16,818	16,350
19	11	98 983	32 715,221	548 778,281	16,774	16,306
20	12	98 934	30 848,231	516 063,060	16,729	16,261
21	13	98 882	29 086,686	485 214,829	16,682	16,214
22	14	98 829	27 425,647	456 128,144	16,631	16,163
23	15	98 774	25 858,869	428 702,497	16,579	16,111
24	16	98 717	24 380,906	402 843,628	16,523	16,055
25	17	98 655	22 986,492	378 462,722	16,465	15,997
26	18	98 593	21 671,763	355 476,230	16,403	15,935
27	19	98 526	20 431,211	333 804,467	16,338	15,870
28	20	98 455	19 260,837	313 373,256	16,270	15,802
29	21	98 386	18 157,879	294 112,419	16,198	15,730
30	22	98 314	17 117,431	275 954,540	16,121	15,653
31	23	98 240	16 136,424	258 837,109	16,041	15,573
32	24	98 151	15 209,262	242 700,685	15,957	15,489
33	25	98 066	14 335,877	227 491,423	15,869	15,401
34	26	97 978	13 512,289	213 155,546	15,775	15,307
35	27	97 880	12 734,699	199 643,257	15,677	15,209
36	28	97 772	12 000,580	186 908,557	15,575	15,107
37	29	97 661	11 308,436	174 907,977	15,467	14,999
38	30	97 544	10 655,582	163 599,541	15,353	14,885
39	31	97 413	10 038,904	152 943,959	15,235	14,767
40	32	97 275	9 457,308	142 905,056	15,111	14,643
41	33	97 119	8 907,684	133 447,747	14,981	14,513
42	34	96 956	8 389,357	124 540,063	14,845	14,377
43	35	96 774	7 899,604	116 150,707	14,703	14,235
44	36	96 576	7 437,257	108 251,103	14,555	14,087
45	37	96 358	7 000,399	100 813,845	14,401	13,933
46	38	96 117	6 587,616	93 813,446	14,241	13,773
47	39	95 850	6 197,522	87 225,831	14,074	13,606
48	40	95 555	5 828,712	81 028,308	13,902	13,434
49	41	95 224	5 479,750	75 199,597	13,723	13,255
50	42	94 852	5 149,376	69 719,847	13,539	13,072
51	43	94 440	4 836,796	64 570,471	13,350	12,882
52	44	93 991	4 541,307	59 733,675	13,153	12,685
53	45	93 480	4 260,942	55 192,368	12,953	12,485
54	46	92 910	3 995,265	50 931,426	12,748	12,280
55	47	92 275	3 743,349	46 936,160	12,539	12,071
56	48	91 576	3 504,718	43 192,811	12,324	11,856
57	49	90 805	3 278,501	39 688,093	12,106	11,638
58	50	89 957	3 064,044	36 409,592	11,883	11,415
59	51	89 022	2 860,561	33 345,548	11,657	11,189
60	52	88 004	2 667,773	30 484,988	11,427	10,959
61	53	86 906	2 485,379	27 817,215	11,192	10,724
62	54	85 716	2 312,595	25 331,836	10,954	10,486
63	55	84 422	2 148,750	23 019,241	10,713	10,245
64	56	83 043	1 994,003	20 870,491	10,467	9,999
65	57	81 561	1 847,568	18 876,488	10,217	9,749
66	58	79 987	1 709,353	17 028,920	9,962	9,494
67	59	78 332	1 579,242	15 319,567	9,701	9,233
68	60	76 555	1 456,035	13 740,326	9,437	8,969
69	61	74 718	1 340,660	12 284,290	9,163	8,695
70	62	72 766	1 231,745	10 943,630	8,885	8,417
71	63	70 704	1 129,086	9 711,885	8,602	8,134
72	64	68 525	1 032,352	8 582,799	8,314	7,846
73	65	66 247	941,539	7 550,446	8,019	7,551
74	66	63 857	856,195	6 608,907	7,719	7,251
75	67	61 342	775,919	5 752,712	7,414	6,946
76	68	58 680	700,233	4 976,794	7,107	6,639
77	69	55 894	629,237	4 276,561	6,796	6,328
78	70	52 989	562,771	3 647,324	6,481	6,013
79	71	49 923	500,196	3 084,553	6,167	5,699
80	72	46 680	441,226	2 584,357	5,857	5,389
81	73	43 312	386,218	2 143,131	5,549	5,081
82	74	39 804	334,849	1 756,913	5,247	4,779
83	75	36 198	287,275	1 422,064	4,950	4,482
84	76	32 497	243,302	1 134,789	4,664	4,196
85	77	28 757	203,119	891,487	4,389	3,921
86	78	25 038	166,838	688,368	4,126	3,658
87	79	21 414	134,611	521,530	3,874	3,406
88	80	17 955	106,478	386,919	3,634	3,166
89	81	14 718	82,342	280,441	3,406	2,938
90	82	11 784	62,196	198,098	3,185	2,717
91	83	9 181	45,716	135,903	2,973	2,505
92	84	6 898	32,401	90,186	2,783	2,315
93	85	4 991	22,119	57,785	2,612	2,144
94	86	3 483	14,560	35,666	2,449	1,982
95	87	2 305	9,092	21,105	2,321	1,853
96	88	1 480	5,505	12,013	2,182	1,714
97	89	900	3,160	6,508	2,059	1,591
98	90	518	1,715	3,348	1,952	1,484
99	91	282	0,880	1,633	1,855	1,387
100	92	144	0,425	0,753	1,769	1,301

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
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8						
9	0	99 542	58 918,806	1 007 177,274	17,094	16,626
10	1	99 229	55 409,023	948 258,467	17,114	16,646
11	2	99 199	52 256,566	892 849,445	17,086	16,618
12	3	99 178	49 288,375	840 592,879	17,055	16,587
13	4	99 158	46 489,284	791 304,504	17,021	16,553
14	5	99 140	43 849,633	744 815,221	16,986	16,518
15	6	99 120	41 359,480	700 965,588	16,948	16,480
16	7	99 099	39 009,945	659 606,108	16,909	16,441
17	8	99 069	36 790,542	620 596,163	16,868	16,400
18	9	99 033	34 695,734	583 805,621	16,826	16,358
19	10	98 989	32 717,159	549 109,887	16,784	16,316
20	11	98 942	30 850,529	516 392,727	16,739	16,271
21	12	98 890	29 088,987	485 542,199	16,692	16,224
22	13	98 838	27 427,998	456 453,212	16,642	16,174
23	14	98 785	25 861,583	429 025,214	16,589	16,121
24	15	98 729	24 383,957	403 163,631	16,534	16,066
25	16	98 669	22 989,736	378 779,675	16,476	16,008
26	17	98 608	21 674,936	355 789,938	16,415	15,947
27	18	98 546	20 435,372	334 115,002	16,350	15,882
28	19	98 474	19 264,556	313 679,630	16,283	15,815
29	20	98 405	18 161,242	294 415,074	16,211	15,743
30	21	98 330	17 120,266	276 253,833	16,136	15,668
31	22	98 257	16 139,217	259 133,567	16,056	15,588
32	23	98 173	15 212,563	242 994,350	15,973	15,505
33	24	98 082	14 338,309	227 781,788	15,886	15,418
34	25	97 996	13 514,809	213 443,479	15,793	15,325
35	26	97 899	12 737,178	199 928,669	15,696	15,228
36	27	97 793	12 003,202	187 191,492	15,595	15,127
37	28	97 685	11 311,257	175 188,290	15,488	15,020
38	29	97 569	10 658,340	163 877,033	15,375	14,908
39	30	97 442	10 041,886	153 218,693	15,258	14,790
40	31	97 306	9 460,328	143 176,807	15,134	14,666
41	32	97 153	8 910,776	133 716,480	15,006	14,538
42	33	96 991	8 392,345	124 805,703	14,871	14,403
43	34	96 812	7 902,695	116 413,358	14,731	14,263
44	35	96 615	7 440,252	108 510,663	14,584	14,116
45	36	96 403	7 003,682	101 070,411	14,431	13,963
46	37	96 161	6 590,649	94 066,729	14,273	13,805
47	38	95 907	6 201,154	87 476,080	14,106	13,638
48	39	95 612	5 832,186	81 274,926	13,936	13,468
49	40	95 289	5 483,472	75 442,740	13,758	13,290
50	41	94 925	5 153,307	69 959,268	13,576	13,108
51	42	94 519	4 840,813	64 805,961	13,387	12,919
52	43	94 076	4 545,398	59 965,148	13,192	12,725
53	44	93 575	4 265,293	55 419,751	12,993	12,525
54	45	93 013	3 999,713	51 154,458	12,790	12,322
55	46	92 392	3 748,108	47 154,745	12,581	12,113
56	47	91 707	3 509,749	43 406,637	12,367	11,899
57	48	90 950	3 283,754	39 896,887	12,150	11,682
58	49	90 120	3 069,604	36 613,134	11,928	11,460
59	50	89 198	2 866,209	33 543,530	11,703	11,235
60	51	88 198	2 673,679	30 677,321	11,474	11,006
61	52	87 120	2 491,496	28 003,642	11,240	10,772
62	53	85 951	2 318,933	25 512,146	11,002	10,534
63	54	84 677	2 155,236	23 193,213	10,761	10,293
64	55	83 319	2 000,632	21 037,977	10,516	10,048
65	56	81 857	1 854,278	19 037,345	10,267	9,799
66	57	80 307	1 716,204	17 183,066	10,012	9,544
67	58	78 679	1 586,238	15 466,862	9,751	9,283
68	59	76 926	1 463,102	13 880,624	9,487	9,019
69	60	75 123	1 347,927	12 417,522	9,212	8,744
70	61	73 176	1 238,676	11 069,595	8,937	8,469
71	62	71 136	1 135,989	9 830,919	8,654	8,186
72	63	68 979	1 039,195	8 694,930	8,367	7,899
73	64	66 733	948,451	7 655,735	8,072	7,604
74	65	64 372	863,110	6 707,284	7,771	7,303
75	66	61 882	782,757	5 844,174	7,466	6,998
76	67	59 254	707,087	5 061,418	7,158	6,690
77	68	56 471	635,731	4 354,330	6,849	6,381
78	69	53 588	569,130	3 718,600	6,534	6,066
79	70	50 539	506,365	3 149,470	6,220	5,752
80	71	47 313	447,214	2 643,105	5,910	5,442
81	72	43 945	391,865	2 195,890	5,604	5,136
82	73	40 430	340,115	1 804,026	5,304	4,836
83	74	36 828	292,275	1 463,911	5,009	4,541
84	75	33 128	248,032	1 171,635	4,724	4,256
85	76	29 399	207,651	923,604	4,448	3,980
86	77	25 665	171,019	715,953	4,186	3,718
87	78	22 033	138,503	544,934	3,934	3,466
88	79	18 566	110,103	406,430	3,691	3,223
89	80	15 306	85,631	296,327	3,460	2,993
90	81	12 327	65,063	210,696	3,238	2,770
91	82	9 668	48,140	145,633	3,025	2,557
92	83	7 323	34,399	97,493	2,834	2,366
93	84	5 351	23,713	63,094	2,661	2,193
94	85	3 774	15,779	39,381	2,496	2,028
95	86	2 530	9,979	23,602	2,365	1,897
96	87	1 646	6,125	13,623	2,224	1,756
97	88	1 017	3,570	7,498	2,100	1,632
98	89	596	1,973	3,928	1,990	1,522
99	90	331	1,033	1,954	1,892	1,424
100	91	173	0,511	0,921	1,803	1,335

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10	0	99 534	55 579,310	948 770,200	17,071	16,603
11	1	99 221	52 268,643	893 190,890	17,088	16,620
12	2	99 190	49 294,244	840 922,247	17,059	16,591
13	3	99 170	46 494,823	791 628,003	17,026	16,558
14	4	99 149	43 853,621	745 133,180	16,991	16,523
15	5	99 128	41 362,582	701 279,559	16,954	16,486
16	6	99 106	39 012,513	659 916,977	16,916	16,448
17	7	99 073	36 792,356	620 904,464	16,876	16,408
18	8	99 040	34 697,882	584 112,108	16,834	16,366
19	9	98 995	32 719,277	549 414,226	16,792	16,324
20	10	98 948	30 852,357	516 694,950	16,747	16,279
21	11	98 897	29 091,154	485 842,593	16,701	16,233
22	12	98 846	27 430,168	456 751,439	16,651	16,183
23	13	98 793	25 863,800	429 321,271	16,599	16,131
24	14	98 739	24 386,516	403 457,471	16,544	16,076
25	15	98 681	22 992,613	379 070,956	16,487	16,019
26	16	98 622	21 677,995	356 078,343	16,426	15,958
27	17	98 561	20 438,365	334 400,348	16,361	15,893
28	18	98 494	19 268,480	313 961,983	16,294	15,826
29	19	98 424	18 164,748	294 693,504	16,223	15,755
30	20	98 348	17 123,436	276 528,756	16,149	15,681
31	21	98 273	16 141,889	259 405,319	16,070	15,602
32	22	98 190	15 215,196	243 263,430	15,988	15,520
33	23	98 104	14 341,421	228 048,235	15,901	15,433
34	24	98 013	13 517,102	213 706,814	15,810	15,342
35	25	97 917	12 739,553	200 189,713	15,714	15,246
36	26	97 812	12 005,538	187 450,160	15,614	15,146
37	27	97 706	11 313,728	175 444,622	15,507	15,039
38	28	97 593	10 660,999	164 130,893	15,395	14,927
39	29	97 467	10 044,485	153 469,895	15,279	14,811
40	30	97 335	9 463,138	143 425,410	15,156	14,688
41	31	97 184	8 913,622	133 962,272	15,029	14,561
42	32	97 024	8 395,258	125 048,651	14,895	14,427
43	33	96 846	7 905,510	116 653,392	14,756	14,288
44	34	96 653	7 443,163	108 747,883	14,610	14,142
45	35	96 442	7 006,502	101 304,719	14,459	13,991
46	36	96 206	6 593,741	94 298,217	14,301	13,833
47	37	95 951	6 204,009	87 704,476	14,137	13,669
48	38	95 668	5 835,603	81 500,467	13,966	13,498
49	39	95 346	5 486,740	75 664,864	13,790	13,323
50	40	94 989	5 156,807	70 178,124	13,609	13,141
51	41	94 591	4 844,509	65 021,316	13,422	12,954
52	42	94 154	4 549,172	60 176,808	13,228	12,760
53	43	93 659	4 269,135	55 627,635	13,030	12,562
54	44	93 108	4 003,797	51 358,501	12,827	12,359
55	45	92 495	3 752,281	47 354,704	12,620	12,152
56	46	91 824	3 514,211	43 602,423	12,407	11,939
57	47	91 081	3 288,468	40 088,212	12,191	11,723
58	48	90 265	3 074,522	36 799,743	11,969	11,501
59	49	89 360	2 871,410	33 725,222	11,745	11,277
60	50	88 373	2 678,958	30 853,811	11,517	11,049
61	51	87 313	2 497,011	28 174,853	11,283	10,815
62	52	86 163	2 324,641	25 677,842	11,046	10,578
63	53	84 909	2 161,143	23 353,202	10,806	10,338
64	54	83 570	2 006,672	21 192,058	10,561	10,093
65	55	82 129	1 860,443	19 185,387	10,312	9,844
66	56	80 599	1 722,438	17 324,944	10,058	9,590
67	57	78 995	1 592,596	15 602,506	9,797	9,329
68	58	77 267	1 469,584	14 009,910	9,533	9,065
69	59	75 487	1 354,469	12 540,327	9,258	8,791
70	60	73 573	1 245,389	11 185,857	8,982	8,514
71	61	71 536	1 142,381	9 940,468	8,702	8,234
72	62	69 401	1 045,548	8 798,087	8,415	7,947
73	63	67 176	954,737	7 752,539	8,120	7,652
74	64	64 845	869,446	6 797,802	7,819	7,351
75	65	62 382	789,079	5 928,355	7,513	7,045
76	66	59 776	713,318	5 139,277	7,205	6,737
77	67	57 024	641,954	4 425,958	6,895	6,427
78	68	54 141	575,003	3 784,004	6,581	6,113
79	69	51 110	512,087	3 209,001	6,267	5,799
80	70	47 897	452,730	2 696,914	5,957	5,489
81	71	44 542	397,183	2 244,184	5,650	5,182
82	72	41 021	345,087	1 847,001	5,352	4,884
83	73	37 407	296,872	1 501,914	5,059	4,591
84	74	33 705	252,349	1 205,042	4,775	4,307
85	75	29 970	211,687	952,693	4,500	4,033
86	76	26 238	174,835	741,006	4,238	3,770
87	77	22 585	141,975	566,171	3,988	3,520
88	78	19 103	113,287	424,196	3,744	3,276
89	79	15 827	88,547	310,909	3,511	3,043
90	80	12 819	67,661	222,363	3,286	2,818
91	81	10 114	50,359	154,701	3,072	2,604
92	82	7 711	36,223	104,343	2,881	2,413
93	83	5 681	25,175	68,120	2,706	2,238
94	84	4 046	16,916	42,944	2,539	2,071
95	85	2 742	10,815	26,028	2,407	1,939
96	86	1 807	6,723	15,214	2,263	1,795
97	87	1 132	3,972	8,491	2,138	1,670
98	88	673	2,229	4,519	2,027	1,559
99	89	380	1,189	2,290	1,927	1,459
100	90	203	0,600	1,101	1,837	1,369

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10						
11	0	99 526	52 429,279	893 663,894	17,045	16,577
12	1	99 213	49 305,637	841 234,615	17,062	16,594
13	2	99 182	46 500,360	791 928,978	17,031	16,563
14	3	99 161	43 858,846	745 428,618	16,996	16,528
15	4	99 137	41 366,343	701 569,772	16,960	16,492
16	5	99 113	39 015,439	660 203,429	16,922	16,454
17	6	99 080	36 794,778	621 187,990	16,883	16,415
18	7	99 044	34 699,592	584 393,212	16,842	16,374
19	8	99 002	32 721,302	549 693,620	16,799	16,331
20	9	98 954	30 854,353	516 972,317	16,755	16,287
21	10	98 903	29 092,878	486 117,964	16,709	16,241
22	11	98 853	27 432,211	457 025,086	16,660	16,192
23	12	98 801	25 865,846	429 592,875	16,608	16,141
24	13	98 748	24 388,606	403 727,029	16,554	16,086
25	14	98 692	22 995,026	379 338,423	16,497	16,029
26	15	98 634	21 680,708	356 343,397	16,436	15,968
27	16	98 575	20 441,249	334 662,689	16,372	15,904
28	17	98 509	19 271,301	314 221,440	16,305	15,837
29	18	98 444	18 168,448	294 950,139	16,234	15,766
30	19	98 367	17 126,742	276 781,692	16,161	15,693
31	20	98 292	16 144,879	259 654,949	16,083	15,615
32	21	98 206	15 217,715	243 510,071	16,002	15,534
33	22	98 121	14 343,903	228 292,356	15,916	15,448
34	23	98 034	13 520,035	213 948,453	15,825	15,357
35	24	97 934	12 741,714	200 428,418	15,730	15,262
36	25	97 830	12 007,777	187 686,704	15,630	15,162
37	26	97 725	11 315,930	175 678,927	15,525	15,057
38	27	97 615	10 663,328	164 362,997	15,414	14,946
39	28	97 491	10 046,991	153 699,669	15,298	14,830
40	29	97 360	9 465,587	143 652,679	15,176	14,708
41	30	97 213	8 916,269	134 187,092	15,050	14,582
42	31	97 055	8 397,939	125 270,822	14,917	14,449
43	32	96 880	7 908,254	116 872,883	14,779	14,311
44	33	96 687	7 445,814	108 964,629	14,634	14,166
45	34	96 480	7 009,244	101 518,815	14,484	14,016
46	35	96 245	6 596,395	94 509,571	14,327	13,859
47	36	95 996	6 206,919	87 913,176	14,164	13,696
48	37	95 712	5 838,290	81 706,256	13,995	13,527
49	38	95 402	5 489,955	75 867,966	13,819	13,351
50	39	95 046	5 159,881	70 378,011	13,639	13,171
51	40	94 655	4 847,799	65 218,130	13,453	12,985
52	41	94 226	4 552,645	60 370,331	13,260	12,793
53	42	93 737	4 272,680	55 817,685	13,064	12,596
54	43	93 192	4 007,403	51 545,005	12,862	12,394
55	44	92 589	3 756,112	47 537,602	12,656	12,188
56	45	91 926	3 518,123	43 781,490	12,445	11,977
57	46	91 197	3 292,649	40 263,366	12,228	11,760
58	47	90 394	3 078,936	36 970,718	12,008	11,540
59	48	89 503	2 876,011	33 891,782	11,784	11,316
60	49	88 533	2 683,819	31 015,771	11,557	11,089
61	50	87 485	2 501,942	28 331,952	11,324	10,856
62	51	86 353	2 329,786	25 830,010	11,087	10,619
63	52	85 118	2 166,462	23 500,223	10,847	10,379
64	53	83 799	2 012,171	21 333,761	10,602	10,134
65	54	82 377	1 866,059	19 321,590	10,354	9,886
66	55	80 867	1 728,164	17 455,531	10,101	9,633
67	56	79 282	1 598,380	15 727,367	9,840	9,372
68	57	77 577	1 475,474	14 128,987	9,576	9,108
69	58	75 822	1 360,470	12 653,513	9,301	8,833
70	59	73 930	1 251,434	11 293,043	9,024	8,556
71	60	71 924	1 148,573	10 041,609	8,743	8,275
72	61	69 792	1 051,431	8 893,036	8,458	7,990
73	62	67 586	960,574	7 841,605	8,163	7,695
74	63	65 275	875,209	6 881,031	7,862	7,394
75	64	62 840	794,871	6 005,822	7,556	7,088
76	65	60 259	719,080	5 210,950	7,247	6,779
77	66	57 526	647,611	4 491,871	6,936	6,468
78	67	54 671	580,632	3 844,260	6,621	6,153
79	68	51 638	517,371	3 263,627	6,308	5,840
80	69	48 438	457,845	2 746,256	5,998	5,530
81	70	45 091	402,082	2 288,411	5,691	5,223
82	71	41 578	349,771	1 886,329	5,393	4,925
83	72	37 954	301,212	1 536,558	5,101	4,633
84	73	34 235	256,317	1 235,346	4,820	4,352
85	74	30 492	215,372	979,029	4,546	4,078
86	75	26 748	178,234	763,657	4,285	3,817
87	76	23 089	145,143	585,423	4,033	3,565
88	77	19 582	116,126	440,280	3,791	3,323
89	78	16 284	91,107	324,154	3,558	3,090
90	79	13 256	69,965	233,047	3,331	2,863
91	80	10 518	52,370	163,082	3,114	2,646
92	81	8 067	37,892	110,712	2,922	2,454
93	82	5 982	26,510	72,820	2,747	2,279
94	83	4 296	17,959	46,310	2,579	2,111
95	84	2 940	11,594	28,351	2,445	1,977
96	85	1 958	7,285	16,757	2,300	1,832
97	86	1 242	4,360	9,472	2,173	1,705
98	87	749	2,480	5,112	2,061	1,593
99	88	430	1,343	2,632	1,960	1,492
100	89	234	0,690	1,289	1,868	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	49 457,167	841 671,889	17,018	16,550
13	1	99 205	46 511,107	792 214,722	17,033	16,565
14	2	99 172	43 864,069	745 703,615	17,000	16,532
15	3	99 149	41 371,272	701 839,546	16,964	16,496
16	4	99 122	39 018,987	660 468,274	16,927	16,459
17	5	99 087	36 797,538	621 449,287	16,888	16,420
18	6	99 051	34 701,877	584 651,749	16,848	16,380
19	7	99 006	32 722,916	549 949,872	16,806	16,338
20	8	98 960	30 856,264	517 226,957	16,762	16,294
21	9	98 909	29 094,760	486 370,693	16,717	16,249
22	10	98 859	27 433,837	457 275,933	16,668	16,200
23	11	98 808	25 867,773	429 842,096	16,617	16,149
24	12	98 756	24 390,536	403 974,323	16,563	16,095
25	13	98 700	22 996,997	379 583,787	16,506	16,038
26	14	98 644	21 682,983	356 586,790	16,445	15,978
27	15	98 587	20 443,806	334 903,808	16,382	15,914
28	16	98 523	19 274,021	314 460,001	16,315	15,847
29	17	98 458	18 171,108	295 185,980	16,245	15,777
30	18	98 387	17 130,231	277 014,872	16,171	15,703
31	19	98 311	16 147,996	259 884,641	16,094	15,626
32	20	98 224	15 220,533	243 736,646	16,014	15,546
33	21	98 137	14 346,278	228 516,112	15,929	15,461
34	22	98 051	13 522,375	214 169,835	15,838	15,370
35	23	97 955	12 744,479	200 647,459	15,744	15,276
36	24	97 847	12 009,814	187 902,980	15,646	15,178
37	25	97 744	11 318,040	175 893,167	15,541	15,073
38	26	97 634	10 665,403	164 575,126	15,431	14,963
39	27	97 512	10 049,186	153 909,723	15,316	14,848
40	28	97 385	9 467,948	143 860,538	15,194	14,727
41	29	97 238	8 918,577	134 392,589	15,069	14,601
42	30	97 084	8 400,433	125 474,012	14,937	14,469
43	31	96 911	7 910,779	117 073,579	14,799	14,331
44	32	96 721	7 448,399	109 162,800	14,656	14,188
45	33	96 514	7 011,740	101 714,401	14,506	14,038
46	34	96 282	6 598,976	94 702,660	14,351	13,883
47	35	96 034	6 209,419	88 103,684	14,189	13,721
48	36	95 757	5 841,029	81 894,265	14,021	13,553
49	37	95 446	5 492,483	76 053,236	13,847	13,379
50	38	95 102	5 162,905	70 560,753	13,667	13,199
51	39	94 711	4 850,689	65 397,849	13,482	13,014
52	40	94 290	4 555,737	60 547,160	13,290	12,822
53	41	93 809	4 275,942	55 991,423	13,095	12,627
54	42	93 270	4 010,731	51 715,480	12,894	12,426
55	43	92 673	3 759,496	47 704,749	12,689	12,221
56	44	92 020	3 521,716	43 945,254	12,478	12,010
57	45	91 298	3 296,314	40 423,538	12,263	11,795
58	46	90 509	3 082,850	37 127,224	12,043	11,575
59	47	89 631	2 880,140	34 044,374	11,820	11,352
60	48	88 675	2 688,119	31 164,234	11,593	11,125
61	49	87 644	2 506,482	28 476,115	11,361	10,893
62	50	86 524	2 334,387	25 969,633	11,125	10,657
63	51	85 306	2 171,258	23 635,246	10,886	10,418
64	52	84 006	2 017,124	21 463,988	10,641	10,173
65	53	82 603	1 871,173	19 446,864	10,393	9,925
66	54	81 111	1 733,381	17 575,691	10,140	9,672
67	55	79 545	1 603,694	15 842,310	9,879	9,411
68	56	77 858	1 480,833	14 238,616	9,615	9,147
69	57	76 126	1 365,923	12 757,783	9,340	8,872
70	58	74 257	1 256,978	11 391,860	9,063	8,595
71	59	72 273	1 154,147	10 134,882	8,781	8,313
72	60	70 170	1 057,130	8 980,735	8,495	8,027
73	61	67 967	965,979	7 923,605	8,203	7,735
74	62	65 674	880,560	6 957,626	7,901	7,433
75	63	63 257	800,140	6 077,066	7,595	7,127
76	64	60 701	724,359	5 276,926	7,285	6,817
77	65	57 991	652,842	4 552,568	6,973	6,505
78	66	55 153	585,749	3 899,726	6,658	6,190
79	67	52 143	522,436	3 313,977	6,343	5,875
80	68	48 938	462,570	2 791,541	6,035	5,567
81	69	45 600	406,625	2 328,971	5,728	5,260
82	70	42 091	354,085	1 922,346	5,429	4,961
83	71	38 469	305,300	1 568,261	5,137	4,669
84	72	34 736	260,065	1 262,961	4,856	4,388
85	73	30 972	218,759	1 002,896	4,584	4,117
86	74	27 214	181,336	784,137	4,324	3,856
87	75	23 538	147,964	602,801	4,074	3,606
88	76	20 018	118,717	454,837	3,831	3,363
89	77	16 693	93,390	336,120	3,599	3,131
90	78	13 639	71,988	242,729	3,372	2,904
91	79	10 876	54,153	170,742	3,153	2,685
92	80	8 389	39,406	116,589	2,959	2,491
93	81	6 258	27,732	77,183	2,783	2,315
94	82	4 523	18,911	49,451	2,615	2,147
95	83	3 121	12,309	30,540	2,481	2,013
96	84	2 099	7,810	18,231	2,334	1,866
97	85	1 346	4,724	10,421	2,206	1,738
98	86	822	2,723	5,696	2,092	1,624
99	87	478	1,494	2,974	1,991	1,523
100	88	264	0,779	1,480	1,899	1,431

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13	0	99 510	46 654,048	792 619,034	16,989	16,521
14	1	99 195	43 874,207	745 964,986	17,002	16,534
15	2	99 160	41 376,199	702 090,779	16,968	16,501
16	3	99 134	39 023,636	660 714,580	16,931	16,463
17	4	99 096	36 800,884	621 690,944	16,893	16,425
18	5	99 058	34 704,479	584 890,060	16,853	16,385
19	6	99 013	32 725,070	550 185,580	16,812	16,344
20	7	98 965	30 857,785	517 460,511	16,769	16,301
21	8	98 916	29 096,562	486 602,726	16,724	16,256
22	9	98 865	27 435,612	457 506,164	16,676	16,208
23	10	98 814	25 869,306	430 070,552	16,625	16,157
24	11	98 763	24 392,353	404 201,246	16,571	16,103
25	12	98 708	22 998,817	379 808,894	16,514	16,046
26	13	98 653	21 684,842	356 810,077	16,454	15,986
27	14	98 597	20 445,952	335 125,235	16,391	15,923
28	15	98 535	19 276,432	314 679,283	16,325	15,857
29	16	98 472	18 173,673	295 402,851	16,254	15,786
30	17	98 402	17 132,739	277 229,179	16,181	15,713
31	18	98 331	16 151,285	260 096,439	16,104	15,636
32	19	98 243	15 223,472	243 945,155	16,024	15,556
33	20	98 155	14 348,935	228 721,683	15,940	15,472
34	21	98 067	13 524,614	214 372,748	15,851	15,383
35	22	97 972	12 746,685	200 848,134	15,757	15,289
36	23	97 868	12 012,420	188 101,449	15,659	15,191
37	24	97 760	11 319,960	176 089,029	15,556	15,088
38	25	97 652	10 667,392	164 769,069	15,446	14,978
39	26	97 531	10 051,141	154 101,677	15,332	14,864
40	27	97 406	9 470,017	144 050,536	15,211	14,743
41	28	97 262	8 920,802	134 580,519	15,086	14,618
42	29	97 109	8 402,608	125 659,717	14,955	14,487
43	30	96 939	7 913,129	117 257,109	14,818	14,350
44	31	96 752	7 450,777	109 343,980	14,676	14,208
45	32	96 547	7 014,175	101 893,203	14,527	14,059
46	33	96 317	6 601,327	94 879,028	14,373	13,905
47	34	96 072	6 211,848	88 277,701	14,211	13,743
48	35	95 796	5 843,381	82 065,853	14,044	13,576
49	36	95 490	5 495,059	76 222,472	13,871	13,403
50	37	95 145	5 165,282	70 727,413	13,693	13,225
51	38	94 767	4 853,531	65 562,131	13,508	13,040
52	39	94 346	4 558,453	60 708,600	13,318	12,850
53	40	93 872	4 278,846	56 150,147	13,123	12,655
54	41	93 341	4 013,793	51 871,301	12,923	12,455
55	42	92 750	3 762,618	47 857,508	12,719	12,251
56	43	92 103	3 524,888	44 094,890	12,510	12,042
57	44	91 392	3 299,680	40 570,002	12,295	11,827
58	45	90 610	3 086,282	37 270,322	12,076	11,608
59	46	89 745	2 883,801	34 184,040	11,854	11,386
60	47	88 802	2 691,978	31 300,239	11,627	11,159
61	48	87 784	2 510,498	28 608,261	11,395	10,927
62	49	86 681	2 338,623	26 097,763	11,159	10,691
63	50	85 475	2 175,546	23 759,140	10,921	10,453
64	51	84 191	2 021,589	21 583,594	10,677	10,209
65	52	82 806	1 875,779	19 562,005	10,429	9,961
66	53	81 334	1 738,131	17 686,226	10,175	9,707
67	54	79 785	1 608,535	15 948,095	9,915	9,447
68	55	78 117	1 485,756	14 339,560	9,651	9,183
69	56	76 402	1 370,884	12 853,804	9,376	8,908
70	57	74 555	1 262,016	11 482,920	9,099	8,631
71	58	72 593	1 159,260	10 220,904	8,817	8,349
72	59	70 510	1 062,261	9 061,643	8,531	8,063
73	60	68 335	971,215	7 999,383	8,236	7,769
74	61	66 043	885,514	7 028,168	7,937	7,469
75	62	63 643	805,032	6 142,654	7,630	7,162
76	63	61 104	729,160	5 337,622	7,320	6,852
77	64	58 417	657,634	4 608,462	7,008	6,540
78	65	55 598	590,480	3 950,828	6,691	6,223
79	66	52 603	527,040	3 360,348	6,376	5,908
80	67	49 417	467,099	2 833,308	6,066	5,598
81	68	46 071	410,821	2 366,210	5,760	5,292
82	69	42 566	358,086	1 955,388	5,461	4,993
83	70	38 944	309,066	1 597,303	5,168	4,700
84	71	35 207	263,594	1 288,237	4,887	4,419
85	72	31 424	221,957	1 024,643	4,616	4,148
86	73	27 642	184,188	802,686	4,358	3,890
87	74	23 948	150,540	618,498	4,109	3,641
88	75	20 408	121,025	467,958	3,867	3,399
89	76	17 065	95,474	346,933	3,634	3,166
90	77	13 981	73,792	251,459	3,408	2,940
91	78	11 190	55,719	177,667	3,189	2,721
92	79	8 674	40,747	121,948	2,993	2,525
93	80	6 508	28,839	81,201	2,816	2,348
94	81	4 732	19,783	52,362	2,647	2,179
95	82	3 286	12,961	32,579	2,514	2,046
96	83	2 228	8,292	19,617	2,366	1,898
97	84	1 443	5,065	11,326	2,236	1,768
98	85	891	2,950	6,261	2,122	1,654
99	86	525	1,640	3,310	2,019	1,551
100	87	294	0,867	1,671	1,927	1,459

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13						
14	0	99 500	44 009,044	746 338,884	16,959	16,491
15	1	99 183	41 385,762	702 329,840	16,970	16,502
16	2	99 146	39 028,284	660 944,078	16,935	16,467
17	3	99 108	36 805,269	621 915,795	16,897	16,430
18	4	99 067	34 707,635	585 110,526	16,858	16,390
19	5	99 020	32 727,524	550 402,891	16,818	16,350
20	6	98 972	30 859,816	517 675,367	16,775	16,307
21	7	98 920	29 097,996	486 815,550	16,730	16,262
22	8	98 871	27 437,311	457 717,554	16,682	16,214
23	9	98 821	25 870,980	430 280,243	16,632	16,164
24	10	98 769	24 393,798	404 409,264	16,578	16,110
25	11	98 715	23 000,530	380 015,466	16,522	16,054
26	12	98 660	21 686,557	357 014,936	16,462	15,995
27	13	98 606	20 447,705	335 328,378	16,399	15,931
28	14	98 545	19 278,455	314 880,674	16,333	15,865
29	15	98 484	18 175,946	295 602,218	16,263	15,795
30	16	98 416	17 135,157	277 426,272	16,190	15,723
31	17	98 345	16 153,650	260 291,115	16,113	15,645
32	18	98 263	15 226,573	244 137,465	16,034	15,566
33	19	98 174	14 351,705	228 910,892	15,950	15,482
34	20	98 085	13 527,119	214 559,187	15,861	15,393
35	21	97 988	12 748,796	201 032,068	15,769	15,301
36	22	97 885	12 014,499	188 283,273	15,671	15,203
37	23	97 781	11 322,417	176 268,774	15,568	15,100
38	24	97 669	10 669,201	164 946,357	15,460	14,992
39	25	97 550	10 053,016	154 277,156	15,346	14,878
40	26	97 425	9 471,860	144 224,140	15,227	14,759
41	27	97 284	8 922,751	134 752,280	15,102	14,634
42	28	97 133	8 404,704	125 829,529	14,971	14,503
43	29	96 965	7 915,177	117 424,825	14,835	14,367
44	30	96 781	7 452,990	109 509,648	14,693	14,225
45	31	96 578	7 016,414	102 056,658	14,545	14,077
46	32	96 350	6 603,619	95 040,244	14,392	13,924
47	33	96 106	6 214,061	88 436,625	14,232	13,764
48	34	95 833	5 845,667	82 222,564	14,066	13,598
49	35	95 529	5 497,272	76 376,897	13,894	13,426
50	36	95 190	5 167,705	70 879,625	13,716	13,248
51	37	94 811	4 855,766	65 711,920	13,533	13,065
52	38	94 401	4 561,124	60 856,155	13,342	12,874
53	39	93 928	4 281,397	56 295,030	13,149	12,681
54	40	93 404	4 016,519	52 013,634	12,950	12,482
55	41	92 821	3 765,490	47 997,115	12,747	12,279
56	42	92 179	3 527,815	44 231,624	12,538	12,070
57	43	91 474	3 302,652	40 703,809	12,325	11,857
58	44	90 702	3 089,433	37 401,157	12,106	11,638
59	45	89 845	2 887,011	34 311,724	11,885	11,417
60	46	88 915	2 695,401	31 424,712	11,659	11,191
61	47	87 910	2 514,102	28 729,311	11,427	10,959
62	48	86 820	2 342,370	26 215,209	11,192	10,724
63	49	85 630	2 179,494	23 872,840	10,953	10,485
64	50	84 358	2 025,581	21 693,346	10,710	10,242
65	51	82 990	1 879,931	19 667,765	10,462	9,994
66	52	81 534	1 742,409	17 787,834	10,209	9,741
67	53	80 004	1 612,944	16 045,425	9,948	9,480
68	54	78 353	1 490,241	14 432,481	9,685	9,217
69	55	76 656	1 375,441	12 942,240	9,410	8,942
70	56	74 826	1 266,600	11 566,799	9,132	8,664
71	57	72 884	1 163,907	10 300,199	8,850	8,382
72	58	70 823	1 066,967	9 136,292	8,563	8,095
73	59	68 667	975,928	8 069,325	8,268	7,800
74	60	66 401	890,314	7 093,397	7,967	7,499
75	61	64 001	809,561	6 203,083	7,662	7,194
76	62	61 477	733,618	5 393,521	7,352	6,884
77	63	58 804	661,993	4 659,904	7,039	6,571
78	64	56 007	594,815	3 997,911	6,721	6,253
79	65	53 027	531,297	3 403,096	6,405	5,937
80	66	49 853	471,215	2 871,800	6,094	5,626
81	67	46 522	414,843	2 400,585	5,787	5,319
82	68	43 006	361,781	1 985,742	5,489	5,021
83	69	39 384	312,558	1 623,961	5,196	4,728
84	70	35 641	266,845	1 311,403	4,914	4,447
85	71	31 851	224,970	1 044,558	4,643	4,175
86	72	28 046	186,881	819,588	4,386	3,918
87	73	24 324	152,907	632,708	4,138	3,670
88	74	20 763	123,132	479,801	3,897	3,429
89	75	17 397	97,330	356,669	3,665	3,197
90	76	14 293	75,439	259,339	3,438	2,970
91	77	11 471	57,115	183,901	3,220	2,752
92	78	8 925	41,926	126,785	3,024	2,556
93	79	6 729	29,821	84,860	2,846	2,378
94	80	4 921	20,573	55,038	2,675	2,207
95	81	3 438	13,559	34,465	2,542	2,074
96	82	2 347	8,731	20,907	2,394	1,926
97	83	1 532	5,377	12,175	2,264	1,796
98	84	955	3,163	6,798	2,149	1,681
99	85	569	1,777	3,635	2,046	1,578
100	86	323	0,952	1,858	1,952	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	41 512,952	702 675,670	16,927	16,459
16	1	99 168	39 037,303	661 162,718	16,937	16,469
17	2	99 120	36 809,652	622 125,415	16,901	16,433
18	3	99 079	34 711,771	585 315,763	16,862	16,394
19	4	99 029	32 730,500	550 603,992	16,822	16,354
20	5	98 979	30 862,131	517 873,492	16,780	16,312
21	6	98 927	29 099,912	487 011,361	16,736	16,268
22	7	98 876	27 438,664	457 911,449	16,689	16,221
23	8	98 827	25 872,581	430 472,786	16,638	16,170
24	9	98 775	24 395,377	404 600,204	16,585	16,117
25	10	98 721	23 001,893	380 204,828	16,529	16,061
26	11	98 668	21 688,173	357 202,935	16,470	16,002
27	12	98 614	20 449,323	335 514,762	16,407	15,939
28	13	98 554	19 280,108	315 065,440	16,341	15,874
29	14	98 495	18 177,854	295 785,332	16,272	15,804
30	15	98 428	17 137,301	277 607,478	16,199	15,731
31	16	98 359	16 155,929	260 470,177	16,122	15,654
32	17	98 277	15 228,802	244 314,247	16,043	15,575
33	18	98 194	14 354,628	229 085,445	15,959	15,491
34	19	98 104	13 529,731	214 730,817	15,871	15,403
35	20	98 006	12 751,157	201 201,086	15,779	15,311
36	21	97 901	12 016,488	188 449,929	15,683	15,215
37	22	97 798	11 324,376	176 433,441	15,580	15,112
38	23	97 690	10 671,517	165 109,065	15,472	15,004
39	24	97 566	10 054,721	154 437,548	15,360	14,892
40	25	97 443	9 473,626	144 382,827	15,241	14,773
41	26	97 302	8 924,487	134 909,201	15,117	14,649
42	27	97 155	8 406,540	125 984,713	14,987	14,519
43	28	96 989	7 917,152	117 578,173	14,851	14,383
44	29	96 806	7 454,920	109 661,021	14,710	14,242
45	30	96 607	7 018,498	102 206,102	14,562	14,094
46	31	96 381	6 605,727	95 187,604	14,410	13,942
47	32	96 140	6 216,218	88 581,877	14,250	13,782
48	33	95 867	5 847,749	82 365,659	14,085	13,617
49	34	95 566	5 499,423	76 517,909	13,914	13,446
50	35	95 228	5 169,785	71 018,487	13,737	13,269
51	36	94 855	4 858,044	65 848,701	13,555	13,087
52	37	94 445	4 563,224	60 990,658	13,366	12,898
53	38	93 983	4 283,905	56 427,433	13,172	12,704
54	39	93 460	4 018,913	52 143,528	12,975	12,507
55	40	92 884	3 768,048	48 124,614	12,772	12,304
56	41	92 250	3 530,508	44 356,567	12,564	12,096
57	42	91 550	3 305,395	40 826,058	12,351	11,883
58	43	90 784	3 092,216	37 520,663	12,134	11,666
59	44	89 937	2 889,959	34 428,447	11,913	11,445
60	45	89 014	2 698,401	31 538,488	11,688	11,220
61	46	88 022	2 517,298	28 840,087	11,457	10,989
62	47	86 945	2 345,733	26 322,788	11,222	10,754
63	48	85 767	2 182,985	23 977,056	10,984	10,516
64	49	84 511	2 029,257	21 794,070	10,740	10,272
65	50	83 153	1 883,643	19 764,814	10,493	10,025
66	51	81 714	1 746,266	17 881,170	10,240	9,772
67	52	80 201	1 616,914	16 134,904	9,979	9,511
68	53	78 568	1 494,325	14 517,991	9,715	9,247
69	54	76 888	1 379,593	13 023,665	9,440	8,972
70	55	75 074	1 270,811	11 644,072	9,163	8,695
71	56	73 149	1 168,134	10 373,261	8,880	8,412
72	57	71 107	1 071,244	9 205,127	8,593	8,125
73	58	68 971	980,252	8 133,883	8,298	7,830
74	59	66 724	894,635	7 153,631	7,996	7,528
75	60	64 348	813,949	6 258,996	7,690	7,222
76	61	61 823	737,745	5 445,047	7,381	6,913
77	62	59 163	666,040	4 707,302	7,068	6,600
78	63	56 378	598,757	4 041,262	6,749	6,281
79	64	53 417	535,197	3 442,505	6,432	5,964
80	65	50 255	475,021	2 907,307	6,120	5,652
81	66	46 932	418,499	2 432,287	5,812	5,344
82	67	43 427	365,323	2 013,788	5,512	5,044
83	68	39 790	315,783	1 648,465	5,220	4,752
84	69	36 044	269,860	1 332,682	4,938	4,470
85	70	32 244	227,744	1 062,822	4,667	4,199
86	71	28 427	189,417	835,078	4,409	3,941
87	72	24 680	155,143	645,661	4,162	3,694
88	73	21 089	125,068	490,518	3,922	3,454
89	74	17 700	99,024	365,450	3,691	3,223
90	75	14 571	76,905	266,426	3,464	2,996
91	76	11 727	58,390	189,521	3,246	2,778
92	77	9 149	42,976	131,131	3,051	2,583
93	78	6 924	30,683	88,155	2,873	2,405
94	79	5 088	21,273	57,471	2,702	2,234
95	80	3 575	14,100	36,198	2,567	2,099
96	81	2 455	9,134	22,098	2,419	1,951
97	82	1 613	5,662	12,964	2,290	1,822
98	83	1 014	3,358	7,302	2,174	1,706
99	84	610	1,905	3,944	2,070	1,602
100	85	350	1,031	2,039	1,976	1,508

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	39 157,276	661 482,636	16,893	16,425
17	1	99 143	36 818,159	622 325,361	16,903	16,435
18	2	99 091	34 715,905	585 507,201	16,866	16,398
19	3	99 041	32 734,400	550 791,297	16,826	16,358
20	4	98 988	30 864,937	518 056,896	16,785	16,317
21	5	98 934	29 102,094	487 191,959	16,741	16,273
22	6	98 883	27 440,470	458 089,865	16,694	16,226
23	7	98 832	25 873,857	430 649,395	16,644	16,176
24	8	98 781	24 396,887	404 775,538	16,591	16,123
25	9	98 728	23 003,381	380 378,651	16,536	16,068
26	10	98 674	21 689,458	357 375,270	16,477	16,009
27	11	98 621	20 450,846	335 685,812	16,414	15,946
28	12	98 562	19 281,633	315 234,966	16,349	15,881
29	13	98 503	18 179,412	295 953,333	16,280	15,812
30	14	98 438	17 139,099	277 773,920	16,207	15,739
31	15	98 371	16 157,951	260 634,821	16,130	15,662
32	16	98 291	15 230,952	244 476,870	16,051	15,583
33	17	98 209	14 356,730	229 245,919	15,968	15,500
34	18	98 124	13 532,486	214 889,188	15,880	15,412
35	19	98 025	12 753,618	201 356,702	15,788	15,320
36	20	97 919	12 018,714	188 603,083	15,692	15,224
37	21	97 814	11 326,251	176 584,369	15,591	15,123
38	22	97 707	10 673,364	165 258,118	15,483	15,015
39	23	97 587	10 056,903	154 584,754	15,371	14,903
40	24	97 460	9 475,233	144 527,851	15,253	14,785
41	25	97 321	8 926,152	135 052,618	15,130	14,662
42	26	97 174	8 408,176	126 126,467	15,000	14,532
43	27	97 010	7 918,881	117 718,290	14,866	14,398
44	28	96 830	7 456,779	109 799,409	14,725	14,257
45	29	96 632	7 020,315	102 342,630	14,578	14,110
46	30	96 409	6 607,689	95 322,315	14,426	13,958
47	31	96 170	6 218,203	88 714,626	14,267	13,799
48	32	95 901	5 849,779	82 496,423	14,102	13,635
49	33	95 600	5 501,382	76 646,643	13,932	13,464

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
50	34	95 266	5 171,808	71 145,262	13,756	13,288
51	35	94 893	4 860,000	65 973,454	13,575	13,107
52	36	94 489	4 565,365	61 113,454	13,386	12,918
53	37	94 027	4 285,878	56 548,089	13,194	12,726
54	38	93 515	4 021,268	52 262,211	12,996	12,528
55	39	92 939	3 770,294	48 240,943	12,795	12,327
56	40	92 313	3 532,906	44 470,649	12,588	12,120
57	41	91 620	3 307,919	40 937,743	12,376	11,908
58	42	90 860	3 094,784	37 629,824	12,159	11,691
59	43	90 018	2 892,562	34 535,040	11,939	11,471
60	44	89 105	2 701,157	31 642,478	11,714	11,246
61	45	88 120	2 520,101	28 941,321	11,484	11,016
62	46	87 055	2 348,715	26 421,221	11,249	10,781
63	47	85 890	2 186,119	24 072,506	11,012	10,544
64	48	84 646	2 032,508	21 886,387	10,768	10,300
65	49	83 304	1 887,061	19 853,879	10,521	10,053
66	50	81 876	1 749,714	17 966,817	10,268	9,800
67	51	80 379	1 620,493	16 217,103	10,008	9,540
68	52	78 761	1 498,003	14 596,610	9,744	9,276
69	53	77 098	1 383,374	13 098,607	9,469	9,001
70	54	75 301	1 274,647	11 715,232	9,191	8,723
71	55	73 392	1 172,018	10 440,586	8,908	8,440
72	56	71 365	1 075,134	9 268,568	8,621	8,153
73	57	69 247	984,181	8 193,433	8,325	7,857
74	58	67 019	898,598	7 209,252	8,023	7,555
75	59	64 661	817,900	6 310,654	7,716	7,248
76	60	62 158	741,744	5 492,754	7,405	6,937
77	61	59 496	669,788	4 751,010	7,093	6,625
78	62	56 722	602,418	4 081,222	6,775	6,307
79	63	53 771	538,744	3 478,805	6,457	5,989
80	64	50 624	478,508	2 940,060	6,144	5,676
81	65	47 311	421,879	2 461,553	5,835	5,367
82	66	43 809	368,542	2 039,674	5,534	5,066
83	67	40 180	318,874	1 671,132	5,241	4,773
84	68	36 416	272,645	1 352,257	4,960	4,492
85	69	32 608	230,317	1 079,612	4,687	4,220
86	70	28 777	191,753	849,295	4,429	3,961
87	71	25 015	157,248	657,541	4,182	3,714
88	72	21 398	126,896	500,293	3,943	3,475
89	73	17 978	100,581	373,397	3,712	3,244
90	74	14 824	78,244	272,815	3,487	3,019
91	75	11 955	59,525	194,572	3,269	2,801
92	76	9 353	43,935	135,047	3,074	2,606
93	77	7 097	31,453	91,112	2,897	2,429
94	78	5 236	21,889	59,659	2,726	2,258
95	79	3 697	14,580	37,771	2,591	2,123
96	80	2 553	9,499	23,190	2,441	1,973
97	81	1 687	5,923	13,692	2,312	1,844
98	82	1 068	3,536	7,768	2,197	1,729
99	83	647	2,022	4,232	2,093	1,625
100	84	375	1,106	2,210	1,999	1,531

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	36 931,312	622 621,344	16,859	16,391
18	1	99 114	34 723,928	585 690,032	16,867	16,399
19	2	99 053	32 738,299	550 966,104	16,829	16,361
20	3	99 000	30 868,615	518 227,806	16,788	16,320
21	4	98 943	29 104,741	487 359,191	16,745	16,277
22	5	98 890	27 442,528	458 254,450	16,699	16,231
23	6	98 838	25 875,560	430 811,922	16,649	16,181
24	7	98 786	24 398,090	404 936,362	16,597	16,129
25	8	98 734	23 004,805	380 538,272	16,542	16,074
26	9	98 680	21 690,862	357 533,467	16,483	16,015
27	10	98 627	20 452,058	335 842,605	16,421	15,953
28	11	98 569	19 283,070	315 390,548	16,356	15,888
29	12	98 511	18 180,851	296 107,478	16,287	15,819
30	13	98 447	17 140,569	277 926,627	16,215	15,747
31	14	98 382	16 159,647	260 786,059	16,138	15,670
32	15	98 304	15 232,857	244 626,412	16,059	15,591
33	16	98 222	14 358,756	229 393,555	15,976	15,508
34	17	98 139	13 534,468	215 034,798	15,888	15,420
35	18	98 045	12 756,216	201 500,330	15,796	15,328
36	19	97 938	12 021,034	188 744,114	15,701	15,233
37	20	97 833	11 328,349	176 723,080	15,600	15,132
38	21	97 723	10 675,131	165 394,731	15,493	15,025
39	22	97 604	10 058,644	154 719,600	15,382	14,914
40	23	97 481	9 477,290	144 660,956	15,264	14,796
41	24	97 337	8 927,666	135 183,667	15,142	14,674
42	25	97 192	8 409,744	126 256,001	15,013	14,545
43	26	97 029	7 920,422	117 846,257	14,879	14,411
44	27	96 851	7 458,408	109 925,834	14,739	14,271
45	28	96 656	7 022,066	102 467,426	14,592	14,124
46	29	96 434	6 609,400	95 445,360	14,441	13,973
47	30	96 199	6 220,050	88 835,960	14,282	13,814
48	31	95 931	5 851,647	82 615,910	14,118	13,650
49	32	95 633	5 503,291	76 764,263	13,949	13,481
50	33	95 299	5 173,650	71 260,972	13,774	13,306
51	34	94 930	4 861,901	66 087,321	13,593	13,125
52	35	94 527	4 567,203	61 225,420	13,405	12,937
53	36	94 071	4 287,888	56 658,217	13,214	12,746
54	37	93 558	4 023,120	52 370,329	13,017	12,549
55	38	92 993	3 772,503	48 347,209	12,816	12,348
56	39	92 368	3 535,012	44 574,706	12,609	12,142
57	40	91 682	3 310,165	41 039,694	12,398	11,930
58	41	90 929	3 097,147	37 729,529	12,182	11,714
59	42	90 093	2 894,965	34 632,382	11,963	11,495
60	43	89 185	2 703,590	31 737,417	11,739	11,271
61	44	88 210	2 522,674	29 033,828	11,509	11,041
62	45	87 152	2 351,329	26 511,154	11,275	10,807
63	46	85 999	2 188,899	24 159,824	11,037	10,569
64	47	84 768	2 035,426	21 970,926	10,794	10,326
65	48	83 438	1 890,085	19 935,500	10,547	10,079
66	49	82 024	1 752,890	18 045,415	10,295	9,827
67	50	80 537	1 623,693	16 292,526	10,034	9,566
68	51	78 935	1 501,320	14 668,833	9,771	9,303
69	52	77 288	1 386,779	13 167,513	9,495	9,027
70	53	75 507	1 278,140	11 780,734	9,217	8,749
71	54	73 614	1 175,556	10 502,594	8,934	8,466
72	55	71 602	1 078,709	9 327,038	8,646	8,179
73	56	69 499	987,756	8 248,330	8,351	7,883
74	57	67 288	902,200	7 260,574	8,048	7,580
75	58	64 947	821,523	6 358,374	7,740	7,272
76	59	62 460	745,344	5 536,851	7,429	6,961
77	60	59 819	673,418	4 791,507	7,115	6,647
78	61	57 042	605,807	4 118,089	6,798	6,330
79	62	54 099	542,038	3 512,281	6,480	6,012
80	63	50 960	481,679	2 970,243	6,166	5,698
81	64	47 658	424,976	2 488,564	5,856	5,388
82	65	44 163	371,519	2 063,588	5,554	5,087
83	66	40 534	321,685	1 692,069	5,260	4,792
84	67	36 772	275,314	1 370,385	4,978	4,510
85	68	32 945	232,694	1 095,071	4,706	4,238
86	69	29 102	193,920	862,376	4,447	3,979
87	70	25 323	159,188	668,456	4,199	3,731
88	71	21 688	128,619	509,269	3,960	3,492
89	72	18 241	102,052	380,650	3,730	3,262
90	73	15 058	79,474	278,598	3,506	3,038
91	74	12 163	60,561	199,124	3,288	2,820
92	75	9 535	44,789	138,563	3,094	2,626
93	76	7 256	32,154	93,774	2,916	2,448
94	77	5 367	22,437	61,619	2,746	2,278
95	78	3 804	15,002	39,182	2,612	2,144
96	79	2 640	9,822	24,180	2,462	1,994
97	80	1 755	6,160	14,358	2,331	1,863
98	81	1 117	3,699	8,199	2,216	1,748
99	82	682	2,130	4,500	2,113	1,645
100	83	398	1,174	2,370	2,019	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	34 830,644	585 963,909	16,823	16,355
19	1	99 076	32 745,865	551 133,265	16,831	16,363
20	2	99 012	30 872,291	518 387,400	16,791	16,323
21	3	98 955	29 108,209	487 515,109	16,748	16,280
22	4	98 899	27 445,024	458 406,900	16,703	16,235
23	5	98 846	25 877,501	430 961,877	16,654	16,186
24	6	98 793	24 399,696	405 084,376	16,602	16,134
25	7	98 739	23 005,939	380 684,680	16,547	16,079
26	8	98 686	21 692,205	357 678,740	16,489	16,021
27	9	98 633	20 453,381	335 986,536	16,427	15,959
28	10	98 575	19 284,212	315 533,155	16,362	15,894
29	11	98 518	18 182,205	296 248,942	16,293	15,825
30	12	98 454	17 141,925	278 066,737	16,221	15,753
31	13	98 390	16 161,032	260 924,812	16,145	15,677
32	14	98 314	15 234,456	244 763,780	16,066	15,598
33	15	98 235	14 360,553	229 529,325	15,983	15,515
34	16	98 153	13 536,378	215 168,772	15,896	15,428
35	17	98 060	12 758,084	201 632,394	15,804	15,336
36	18	97 958	12 023,483	188 874,309	15,709	15,241
37	19	97 851	11 330,536	176 850,827	15,608	15,140
38	20	97 741	10 677,108	165 520,290	15,502	15,034
39	21	97 620	10 060,309	154 843,182	15,391	14,924
40	22	97 498	9 478,930	144 782,873	15,274	14,806
41	23	97 358	8 929,603	135 303,943	15,152	14,684
42	24	97 208	8 411,171	126 374,340	15,025	14,557
43	25	97 047	7 921,900	117 963,170	14,891	14,423
44	26	96 870	7 459,860	110 041,270	14,751	14,283
45	27	96 677	7 023,600	102 581,410	14,605	14,137
46	28	96 458	6 611,048	95 557,810	14,454	13,986
47	29	96 224	6 221,660	88 946,762	14,296	13,828
48	30	95 960	5 853,385	82 725,102	14,133	13,665
49	31	95 664	5 505,049	76 871,716	13,964	13,496
50	32	95 333	5 175,446	71 366,668	13,789	13,322
51	33	94 964	4 863,633	66 191,221	13,609	13,141
52	34	94 564	4 568,990	61 327,589	13,423	12,955
53	35	94 109	4 289,615	56 758,599	13,232	12,764
54	36	93 602	4 025,007	52 468,984	13,036	12,568
55	37	93 036	3 774,240	48 443,977	12,835	12,367
56	38	92 422	3 537,084	44 669,737	12,629	12,161
57	39	91 737	3 312,138	41 132,653	12,419	11,951
58	40	90 991	3 099,250	37 820,515	12,203	11,735
59	41	90 161	2 897,175	34 721,265	11,985	11,517
60	42	89 259	2 705,835	31 824,090	11,761	11,293
61	43	88 290	2 524,946	29 118,255	11,532	11,064
62	44	87 241	2 353,730	26 593,309	11,298	10,830
63	45	86 095	2 191,335	24 239,578	11,062	10,594
64	46	84 876	2 038,013	22 048,243	10,818	10,351
65	47	83 558	1 892,798	20 010,230	10,572	10,104
66	48	82 156	1 755,698	18 117,432	10,319	9,851
67	49	80 683	1 626,639	16 361,733	10,059	9,591
68	50	79 091	1 504,284	14 735,094	9,795	9,327
69	51	77 459	1 389,849	13 230,810	9,520	9,052
70	52	75 693	1 281,286	11 840,961	9,241	8,774
71	53	73 816	1 178,778	10 559,675	8,958	8,490
72	54	71 818	1 081,965	9 380,898	8,670	8,202
73	55	69 730	991,039	8 298,933	8,374	7,906
74	56	67 532	905,477	7 307,894	8,071	7,603
75	57	65 207	824,816	6 402,416	7,762	7,294
76	58	62 737	748,646	5 577,600	7,450	6,982
77	59	60 109	676,687	4 828,954	7,136	6,668
78	60	57 351	609,091	4 152,268	6,817	6,349
79	61	54 404	545,088	3 543,177	6,500	6,032
80	62	51 271	484,624	2 998,089	6,186	5,718
81	63	47 974	427,793	2 513,465	5,875	5,407
82	64	44 488	374,246	2 085,672	5,573	5,105
83	65	40 861	324,283	1 711,426	5,278	4,810
84	66	37 096	277,741	1 387,144	4,994	4,526
85	67	33 267	234,972	1 109,403	4,721	4,253
86	68	29 403	195,921	874,431	4,463	3,995
87	69	25 609	160,986	678,510	4,215	3,747
88	70	21 956	130,205	517,523	3,975	3,507
89	71	18 488	103,437	387,318	3,744	3,277
90	72	15 278	80,636	283,881	3,521	3,053
91	73	12 354	61,513	203,246	3,304	2,836
92	74	9 701	45,569	141,732	3,110	2,642
93	75	7 397	32,779	96,163	2,934	2,466
94	76	5 487	22,938	63,384	2,763	2,295
95	77	3 899	15,378	40,446	2,630	2,162
96	78	2 716	10,106	25,068	2,481	2,013
97	79	1 815	6,369	14,962	2,349	1,881
98	80	1 162	3,847	8,593	2,234	1,766
99	81	713	2,228	4,746	2,130	1,662
100	82	419	1,236	2,518	2,037	1,569

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	32 846,502	551 386,712	16,787	16,319
20	1	99 035	30 879,426	518 540,210	16,792	16,324
21	2	98 967	29 111,675	487 660,784	16,751	16,283
22	3	98 911	27 448,294	458 549,109	16,706	16,238
23	4	98 855	25 879,854	431 100,816	16,658	16,190
24	5	98 800	24 401,526	405 220,962	16,606	16,138
25	6	98 745	23 007,454	380 819,436	16,552	16,084
26	7	98 691	21 693,274	357 811,982	16,494	16,026
27	8	98 639	20 454,648	336 118,708	16,432	15,964
28	9	98 581	19 285,460	315 664,060	16,368	15,900
29	10	98 524	18 183,282	296 378,600	16,300	15,832
30	11	98 462	17 143,202	278 195,317	16,228	15,760
31	12	98 398	16 162,311	261 052,116	16,152	15,684
32	13	98 322	15 235,762	244 889,805	16,073	15,605
33	14	98 245	14 362,060	229 654,043	15,990	15,522
34	15	98 165	13 538,072	215 291,983	15,903	15,435
35	16	98 074	12 759,885	201 753,911	15,812	15,344
36	17	97 973	12 025,244	188 994,027	15,716	15,248
37	18	97 871	11 332,844	176 968,783	15,616	15,148
38	19	97 760	10 679,170	165 635,939	15,510	15,042
39	20	97 638	10 062,172	154 956,770	15,400	14,932
40	21	97 514	9 480,499	144 894,597	15,283	14,815
41	22	97 375	8 931,149	135 414,098	15,162	14,694
42	23	97 229	8 412,996	126 482,949	15,034	14,566
43	24	97 063	7 923,243	118 069,953	14,902	14,434
44	25	96 888	7 461,251	110 146,710	14,762	14,295
45	26	96 696	7 024,967	102 685,459	14,617	14,149
46	27	96 479	6 612,493	95 660,492	14,467	13,999
47	28	96 248	6 223,212	89 047,999	14,309	13,841
48	29	95 984	5 854,900	82 824,787	14,146	13,678
49	30	95 692	5 506,684	76 969,887	13,978	13,510
50	31	95 363	5 177,099	71 463,203	13,804	13,336
51	32	94 997	4 865,321	66 286,104	13,624	13,156
52	33	94 598	4 570,617	61 420,783	13,438	12,970
53	34	94 145	4 291,293	56 850,166	13,248	12,780
54	35	93 639	4 026,628	52 558,872	13,053	12,585
55	36	93 080	3 776,010	48 532,245	12,853	12,385
56	37	92 464	3 538,712	44 756,234	12,648	12,180
57	38	91 790	3 314,079	41 217,522	12,437	11,969
58	39	91 045	3 101,098	37 903,443	12,223	11,755
59	40	90 223	2 899,142	34 802,345	12,004	11,536
60	41	89 327	2 707,901	31 903,203	11,782	11,314
61	42	88 363	2 527,043	29 195,302	11,553	11,085
62	43	87 320	2 355,850	26 668,259	11,320	10,852
63	44	86 183	2 193,573	24 312,409	11,083	10,616
64	45	84 970	2 040,282	22 118,836	10,841	10,373
65	46	83 664	1 895,205	20 078,554	10,594	10,126
66	47	82 274	1 758,219	18 183,349	10,342	9,874
67	48	80 813	1 629,245	16 425,131	10,081	9,613
68	49	79 235	1 507,014	14 795,885	9,818	9,350
69	50	77 612	1 392,594	13 288,872	9,543	9,075
70	51	75 861	1 284,122	11 896,278	9,264	8,796
71	52	73 997	1 181,679	10 612,156	8,981	8,513
72	53	72 015	1 084,930	9 430,477	8,692	8,224
73	54	69 940	994,031	8 345,547	8,396	7,928
74	55	67 757	908,487	7 351,516	8,092	7,624
75	56	65 444	827,812	6 443,028	7,783	7,315
76	57	62 988	751,647	5 615,217	7,471	7,003
77	58	60 375	679,684	4 863,570	7,156	6,688
78	59	57 629	612,047	4 183,886	6,836	6,368
79	60	54 699	548,042	3 571,839	6,517	6,049
80	61	51 560	487,351	3 023,796	6,205	5,737
81	62	48 268	430,408	2 536,445	5,893	5,425
82	63	44 782	376,726	2 106,037	5,590	5,122
83	64	41 161	326,663	1 729,311	5,294	4,826
84	65	37 396	279,984	1 402,647	5,010	4,542
85	66	33 560	237,043	1 122,663	4,736	4,268
86	67	29 690	197,839	885,621	4,476	4,009
87	68	25 874	162,648	687,782	4,229	3,761
88	69	22 204	131,676	525,134	3,988	3,520
89	70	18 716	104,713	393,458	3,757	3,290
90	71	15 485	81,730	288,745	3,533	3,065
91	72	12 534	62,413	207,015	3,317	2,849
92	73	9 853	46,286	144,602	3,124	2,656
93	74	7 526	33,350	98,316	2,948	2,480
94	75	5 593	23,384	64,967	2,778	2,310
95	76	3 986	15,721	41,583	2,645	2,177
96	77	2 784	10,359	25,862	2,496	2,029
97	78	1 867	6,554	15,503	2,366	1,898
98	79	1 201	3,978	8,949	2,250	1,782
99	80	742	2,317	4,971	2,146	1,678
100	81	439	1,293	2,654	2,053	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	30 974,327	518 774,781	16,749	16,281
21	1	98 990	29 118,403	487 800,455	16,752	16,284
22	2	98 923	27 451,563	458 682,051	16,709	16,241
23	3	98 866	25 882,938	431 230,489	16,661	16,193
24	4	98 809	24 403,745	405 347,551	16,610	16,142
25	5	98 752	23 009,180	380 943,806	16,556	16,088
26	6	98 698	21 694,702	357 934,626	16,499	16,031
27	7	98 644	20 455,656	336 239,924	16,438	15,970
28	8	98 587	19 286,654	315 784,269	16,373	15,905
29	9	98 530	18 184,459	296 497,614	16,305	15,837
30	10	98 468	17 144,218	278 313,155	16,234	15,766
31	11	98 405	16 163,514	261 168,937	16,158	15,690
32	12	98 330	15 236,967	245 005,423	16,080	15,612
33	13	98 253	14 363,291	229 768,456	15,997	15,529
34	14	98 175	13 539,493	215 405,164	15,909	15,441
35	15	98 086	12 761,481	201 865,672	15,818	15,350
36	16	97 987	12 026,941	189 104,191	15,723	15,255
37	17	97 886	11 334,504	177 077,250	15,623	15,155
38	18	97 780	10 681,345	165 742,747	15,517	15,049
39	19	97 657	10 064,115	155 061,402	15,407	14,939
40	20	97 532	9 482,255	144 997,287	15,291	14,823
41	21	97 391	8 932,628	135 515,032	15,171	14,703
42	22	97 246	8 414,452	126 582,404	15,043	14,575
43	23	97 084	7 924,963	118 167,952	14,911	14,443
44	24	96 904	7 462,517	110 242,989	14,773	14,305
45	25	96 714	7 026,277	102 780,473	14,628	14,160
46	26	96 498	6 613,779	95 754,196	14,478	14,010
47	27	96 269	6 224,571	89 140,416	14,321	13,853
48	28	96 008	5 856,361	82 915,845	14,158	13,690
49	29	95 717	5 508,109	77 059,484	13,990	13,522
50	30	95 391	5 178,637	71 551,374	13,817	13,349
51	31	95 027	4 866,875	66 372,738	13,638	13,170
52	32	94 630	4 572,204	61 505,863	13,452	12,984
53	33	94 179	4 292,822	56 933,659	13,263	12,795
54	34	93 676	4 028,203	52 640,837	13,068	12,600
55	35	93 117	3 777,531	48 612,634	12,869	12,401
56	36	92 508	3 540,372	44 835,103	12,664	12,196
57	37	91 833	3 315,605	41 294,731	12,455	11,987
58	38	91 098	3 102,915	37 979,126	12,240	11,772
59	39	90 276	2 900,871	34 876,211	12,023	11,555
60	40	89 388	2 709,740	31 975,341	11,800	11,332
61	41	88 430	2 528,972	29 265,601	11,572	11,104
62	42	87 392	2 357,807	26 736,629	11,340	10,872
63	43	86 261	2 195,549	24 378,822	11,104	10,636
64	44	85 057	2 042,365	22 183,273	10,862	10,394
65	45	83 757	1 897,314	20 140,908	10,615	10,148
66	46	82 378	1 760,454	18 243,593	10,363	9,895
67	47	80 929	1 631,584	16 483,139	10,103	9,635
68	48	79 362	1 509,428	14 851,555	9,839	9,371
69	49	77 753	1 395,121	13 342,127	9,563	9,095
70	50	76 011	1 286,658	11 947,006	9,285	8,817
71	51	74 161	1 184,295	10 660,348	9,001	8,533
72	52	72 192	1 087,600	9 476,054	8,713	8,245
73	53	70 132	996,755	8 388,453	8,416	7,948
74	54	67 961	911,230	7 391,698	8,112	7,644
75	55	65 662	830,564	6 480,468	7,802	7,335
76	56	63 217	754,377	5 649,904	7,489	7,022
77	57	60 617	682,409	4 895,528	7,174	6,706
78	58	57 884	614,758	4 213,119	6,853	6,385
79	59	54 964	550,702	3 598,360	6,534	6,066
80	60	51 839	489,993	3 047,658	6,220	5,752
81	61	48 539	432,830	2 557,665	5,909	5,441
82	62	45 056	379,030	2 124,836	5,606	5,138
83	63	41 434	328,828	1 745,806	5,309	4,841
84	64	37 671	282,039	1 416,978	5,024	4,556
85	65	33 831	238,957	1 134,938	4,750	4,282
86	66	29 952	199,582	895,981	4,489	4,021
87	67	26 127	164,240	696,399	4,240	3,772
88	68	22 433	133,035	532,159	4,000	3,532
89	69	18 928	105,896	399,124	3,769	3,301
90	70	15 676	82,738	293,228	3,544	3,076
91	71	12 705	63,260	210,489	3,327	2,859
92	72	9 997	46,962	147,230	3,135	2,667
93	73	7 644	33,874	100,267	2,960	2,492
94	74	5 691	23,791	66,393	2,791	2,323
95	75	4 063	16,027	42,602	2,658	2,190
96	76	2 846	10,590	26,576	2,509	2,041
97	77	1 914	6,718	15,985	2,380	1,912
98	78	1 236	4,093	9,267	2,264	1,796
99	79	767	2,396	5,175	2,160	1,692
100	80	456	1,345	2,779	2,066	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	29 207,892	488 017,580	16,708	16,240
22	1	98 946	27 457,907	458 809,688	16,710	16,242
23	2	98 878	25 886,020	431 351,781	16,664	16,196
24	3	98 821	24 406,653	405 465,761	16,613	16,145
25	4	98 761	23 011,272	381 059,108	16,560	16,092
26	5	98 705	21 696,329	358 047,836	16,503	16,035
27	6	98 651	20 457,003	336 351,507	16,442	15,974
28	7	98 592	19 287,605	315 894,505	16,378	15,910
29	8	98 537	18 185,585	296 606,899	16,310	15,842
30	9	98 474	17 145,327	278 421,314	16,239	15,771
31	10	98 411	16 164,472	261 275,987	16,164	15,696
32	11	98 337	15 238,102	245 111,515	16,085	15,617
33	12	98 261	14 364,428	229 873,413	16,003	15,535
34	13	98 184	13 540,653	215 508,985	15,916	15,448
35	14	98 096	12 762,820	201 968,332	15,825	15,357
36	15	97 999	12 028,445	189 205,512	15,730	15,262
37	16	97 900	11 336,103	177 177,066	15,629	15,161
38	17	97 794	10 682,909	165 840,963	15,524	15,056
39	18	97 677	10 066,165	155 158,054	15,414	14,946
40	19	97 551	9 484,086	145 091,889	15,298	14,830
41	20	97 409	8 934,282	135 607,804	15,178	14,710
42	21	97 262	8 415,845	126 673,522	15,052	14,584
43	22	97 101	7 926,334	118 257,676	14,920	14,452
44	23	96 925	7 464,136	110 331,342	14,782	14,314
45	24	96 730	7 027,469	102 867,206	14,638	14,170
46	25	96 516	6 615,013	95 839,737	14,488	14,020
47	26	96 287	6 225,783	89 224,724	14,331	13,864
48	27	96 029	5 857,640	82 998,941	14,169	13,701
49	28	95 741	5 509,483	77 141,301	14,002	13,534
50	29	95 416	5 179,977	71 631,817	13,829	13,361
51	30	95 056	4 868,320	66 451,840	13,650	13,182
52	31	94 661	4 573,664	61 583,520	13,465	12,997
53	32	94 212	4 294,312	57 009,856	13,276	12,808
54	33	93 709	4 029,638	52 715,544	13,082	12,614
55	34	93 154	3 779,009	48 685,906	12,883	12,415
56	35	92 545	3 541,798	44 906,897	12,679	12,211
57	36	91 876	3 317,160	41 365,099	12,470	12,002
58	37	91 140	3 104,344	38 047,939	12,256	11,788
59	38	90 329	2 902,570	34 943,596	12,039	11,571
60	39	89 441	2 711,355	32 041,025	11,817	11,349
61	40	88 491	2 530,690	29 329,670	11,590	11,122
62	41	87 459	2 359,607	26 798,980	11,357	10,889
63	42	86 332	2 197,372	24 439,373	11,122	10,654
64	43	85 133	2 044,205	22 242,001	10,881	10,413
65	44	83 842	1 899,252	20 197,796	10,635	10,167
66	45	82 470	1 762,414	18 298,545	10,383	9,915
67	46	81 032	1 633,659	16 536,131	10,122	9,654
68	47	79 476	1 511,595	14 902,473	9,859	9,391
69	48	77 877	1 397,356	13 390,877	9,583	9,115
70	49	76 148	1 288,993	11 993,521	9,305	8,837
71	50	74 308	1 186,633	10 704,529	9,021	8,553
72	51	72 352	1 090,008	9 517,895	8,732	8,264
73	52	70 305	999,209	8 427,887	8,435	7,967
74	53	68 148	913,727	7 428,679	8,130	7,662
75	54	65 860	833,071	6 514,952	7,820	7,352
76	55	63 427	756,885	5 681,881	7,507	7,039
77	56	60 837	684,887	4 924,996	7,191	6,723
78	57	58 116	617,223	4 240,109	6,870	6,402
79	58	55 208	553,142	3 622,886	6,550	6,082
80	59	52 091	492,371	3 069,744	6,235	5,767
81	60	48 802	435,176	2 577,373	5,923	5,455
82	61	45 310	381,162	2 142,198	5,620	5,152
83	62	41 687	330,839	1 761,035	5,323	4,855
84	63	37 920	283,908	1 430,196	5,038	4,570
85	64	34 080	240,712	1 146,288	4,762	4,294
86	65	30 194	201,194	905,576	4,501	4,033
87	66	26 357	165,687	704,382	4,251	3,783
88	67	22 652	134,337	538,695	4,010	3,542
89	68	19 123	106,989	404,357	3,779	3,311
90	69	15 853	83,673	297,369	3,554	3,086
91	70	12 861	64,040	213,695	3,337	2,869
92	71	10 133	47,600	149,656	3,144	2,676
93	72	7 756	34,370	102,056	2,969	2,501
94	73	5 780	24,165	67,686	2,801	2,333
95	74	4 134	16,306	43,521	2,669	2,201
96	75	2 902	10,796	27,216	2,521	2,053
97	76	1 957	6,868	16,419	2,391	1,923
98	77	1 267	4,195	9,552	2,277	1,809
99	78	789	2,465	5,356	2,173	1,705
100	79	472	1,391	2,891	2,079	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	27 542,293	459 010,692	16,666	16,198
23	1	98 901	25 892,003	431 468,400	16,664	16,196
24	2	98 833	24 409,560	405 576,397	16,615	16,148
25	3	98 773	23 014,014	381 166,838	16,562	16,094
26	4	98 714	21 698,302	358 152,824	16,506	16,038
27	5	98 658	20 458,537	336 454,522	16,446	15,978
28	6	98 599	19 288,875	315 995,985	16,382	15,914
29	7	98 541	18 186,481	296 707,110	16,315	15,847
30	8	98 480	17 146,389	278 520,628	16,244	15,776
31	9	98 417	16 165,518	261 374,240	16,169	15,701
32	10	98 343	15 239,005	245 208,721	16,091	15,623
33	11	98 268	14 365,498	229 969,716	16,008	15,541
34	12	98 191	13 541,725	215 604,218	15,921	15,454
35	13	98 105	12 763,914	202 062,494	15,831	15,363
36	14	98 009	12 029,708	189 298,579	15,736	15,268
37	15	97 912	11 337,521	177 268,872	15,636	15,168
38	16	97 808	10 684,416	165 931,350	15,530	15,062
39	17	97 691	10 067,639	155 246,934	15,420	14,952
40	18	97 571	9 486,018	145 179,295	15,305	14,837
41	19	97 428	8 936,007	135 693,277	15,185	14,717
42	20	97 280	8 417,404	126 757,271	15,059	14,591
43	21	97 117	7 927,647	118 339,866	14,927	14,460
44	22	96 942	7 465,428	110 412,220	14,790	14,322
45	23	96 751	7 028,994	102 946,792	14,646	14,178
46	24	96 533	6 616,135	95 917,797	14,498	14,030
47	25	96 305	6 226,944	89 301,663	14,341	13,873
48	26	96 048	5 858,780	83 074,719	14,180	13,712
49	27	95 762	5 510,687	77 215,938	14,012	13,544
50	28	95 440	5 181,269	71 705,251	13,839	13,371
51	29	95 080	4 869,581	66 523,982	13,661	13,193
52	30	94 689	4 575,023	61 654,402	13,476	13,008
53	31	94 242	4 295,683	57 079,379	13,288	12,820
54	32	93 742	4 031,037	52 783,696	13,094	12,626
55	33	93 187	3 780,355	48 752,659	12,896	12,428
56	34	92 581	3 543,183	44 972,304	12,693	12,225
57	35	91 913	3 318,496	41 429,121	12,484	12,016
58	36	91 183	3 105,800	38 110,625	12,271	11,803
59	37	90 371	2 903,907	35 004,825	12,054	11,586
60	38	89 494	2 712,944	32 100,918	11,833	11,365
61	39	88 543	2 532,198	29 387,975	11,606	11,138
62	40	87 518	2 361,210	26 855,776	11,374	10,906
63	41	86 398	2 199,050	24 494,567	11,139	10,671
64	42	85 204	2 045,903	22 295,517	10,898	10,430
65	43	83 918	1 900,962	20 249,614	10,652	10,184
66	44	82 554	1 764,213	18 348,652	10,400	9,933
67	45	81 122	1 635,477	16 584,439	10,140	9,672
68	46	79 577	1 513,517	14 948,962	9,877	9,409
69	47	77 989	1 399,362	13 435,445	9,601	9,133
70	48	76 270	1 291,058	12 036,083	9,323	8,855
71	49	74 442	1 188,787	10 745,025	9,039	8,571
72	50	72 495	1 092,160	9 556,238	8,750	8,282
73	51	70 460	1 001,420	8 464,078	8,452	7,984
74	52	68 315	915,976	7 462,657	8,147	7,679
75	53	66 041	835,354	6 546,681	7,837	7,369
76	54	63 619	759,169	5 711,327	7,523	7,055
77	55	61 040	687,164	4 952,158	7,207	6,739
78	56	58 328	619,464	4 264,993	6,885	6,417
79	57	55 429	555,359	3 645,529	6,564	6,096
80	58	52 322	494,552	3 090,170	6,248	5,780
81	59	49 039	437,288	2 595,618	5,936	5,468
82	60	45 555	383,228	2 158,330	5,632	5,164
83	61	41 922	332,700	1 775,102	5,335	4,867
84	62	38 152	285,644	1 442,401	5,050	4,582
85	63	34 306	242,307	1 156,757	4,774	4,306
86	64	30 416	202,671	914,450	4,512	4,044
87	65	26 570	167,025	711,779	4,262	3,794
88	66	22 852	135,521	544,753	4,020	3,552
89	67	19 310	108,036	409,232	3,788	3,320
90	68	16 017	84,537	301,196	3,563	3,095
91	69	13 007	64,763	216,659	3,345	2,877
92	70	10 258	48,187	151,896	3,152	2,684
93	71	7 861	34,836	103,709	2,977	2,509
94	72	5 865	24,518	68,873	2,809	2,341
95	73	4 199	16,562	44,355	2,678	2,210
96	74	2 952	10,984	27,793	2,530	2,062
97	75	1 995	7,001	16,809	2,401	1,933
98	76	1 295	4,289	9,807	2,287	1,819
99	77	809	2,527	5,518	2,184	1,716
100	78	485	1,431	2,992	2,091	1,623

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	25 971,576	431 654,504	16,620	16,152
24	1	98 856	24 415,201	405 682,928	16,616	16,148
25	2	98 785	23 016,755	381 267,727	16,565	16,097
26	3	98 726	21 700,888	358 250,972	16,509	16,041
27	4	98 667	20 460,397	336 550,085	16,449	15,981
28	5	98 606	19 290,322	316 089,688	16,386	15,918
29	6	98 548	18 187,679	296 799,366	16,319	15,851
30	7	98 485	17 147,234	278 611,687	16,248	15,780
31	8	98 423	16 166,519	261 464,453	16,173	15,705
32	9	98 350	15 239,991	245 297,934	16,096	15,628
33	10	98 274	14 366,349	230 057,943	16,014	15,546
34	11	98 199	13 542,733	215 691,594	15,927	15,459
35	12	98 112	12 764,924	202 148,861	15,836	15,368
36	13	98 017	12 030,739	189 383,936	15,742	15,274
37	14	97 922	11 338,711	177 353,197	15,641	15,173
38	15	97 820	10 685,753	166 014,486	15,536	15,068
39	16	97 705	10 069,060	155 328,733	15,426	14,958
40	17	97 585	9 487,407	145 259,673	15,311	14,843
41	18	97 448	8 937,827	135 772,266	15,191	14,723
42	19	97 299	8 419,029	126 834,439	15,065	14,597
43	20	97 135	7 929,115	118 415,410	14,934	14,466
44	21	96 958	7 466,664	110 486,295	14,797	14,329
45	22	96 768	7 030,211	103 019,631	14,654	14,186
46	23	96 554	6 617,571	95 989,420	14,505	14,037
47	24	96 322	6 228,000	89 371,850	14,350	13,882
48	25	96 066	5 859,873	83 143,850	14,189	13,721
49	26	95 781	5 511,759	77 283,977	14,022	13,554
50	27	95 461	5 182,401	71 772,217	13,849	13,381
51	28	95 104	4 870,795	66 589,816	13,671	13,203
52	29	94 713	4 576,207	61 719,021	13,487	13,019
53	30	94 270	4 296,959	57 142,814	13,298	12,830
54	31	93 772	4 032,324	52 845,855	13,106	12,638
55	32	93 219	3 781,667	48 813,531	12,908	12,440
56	33	92 614	3 544,445	45 031,864	12,705	12,237
57	34	91 949	3 319,794	41 487,418	12,497	12,029
58	35	91 220	3 107,050	38 167,624	12,284	11,816
59	36	90 413	2 905,269	35 060,574	12,068	11,600
60	37	89 535	2 714,193	32 155,305	11,847	11,379
61	38	88 595	2 533,682	29 441,112	11,620	11,152
62	39	87 570	2 362,617	26 907,430	11,389	10,921
63	40	86 457	2 200,543	24 544,813	11,154	10,686
64	41	85 269	2 047,465	22 344,269	10,913	10,445
65	42	83 988	1 902,541	20 296,805	10,668	10,200
66	43	82 628	1 765,802	18 394,264	10,417	9,949
67	44	81 205	1 637,147	16 628,461	10,157	9,689
68	45	79 665	1 515,202	14 991,314	9,894	9,426
69	46	78 088	1 401,141	13 476,112	9,618	9,150
70	47	76 380	1 292,911	12 074,971	9,339	8,871
71	48	74 562	1 190,691	10 782,060	9,055	8,587
72	49	72 627	1 094,142	9 591,369	8,766	8,298
73	50	70 599	1 003,398	8 497,226	8,468	8,000
74	51	68 467	918,004	7 493,829	8,163	7,695
75	52	66 203	837,410	6 575,825	7,853	7,385
76	53	63 793	761,250	5 738,415	7,538	7,070
77	54	61 224	689,238	4 977,165	7,221	6,753
78	55	58 521	621,524	4 287,926	6,899	6,431
79	56	55 630	557,376	3 666,402	6,578	6,110
80	57	52 531	496,534	3 109,026	6,261	5,793
81	58	49 256	439,225	2 612,492	5,948	5,480
82	59	45 776	385,088	2 173,267	5,644	5,176
83	60	42 149	334,504	1 788,178	5,346	4,878
84	61	38 367	287,251	1 453,675	5,061	4,593
85	62	34 515	243,788	1 166,423	4,785	4,317
86	63	30 617	204,015	922,635	4,522	4,054
87	64	26 765	168,251	718,620	4,271	3,803
88	65	23 037	136,616	550,369	4,029	3,561
89	66	19 481	108,988	413,753	3,796	3,328
90	67	16 174	85,364	304,765	3,570	3,102
91	68	13 141	65,432	219,400	3,353	2,885
92	69	10 374	48,731	153,969	3,160	2,692
93	70	7 958	35,266	105,237	2,984	2,516
94	71	5 944	24,851	69,972	2,816	2,348
95	72	4 261	16,804	45,121	2,685	2,217
96	73	2 999	11,157	28,317	2,538	2,070
97	74	2 029	7,123	17,160	2,409	1,941
98	75	1 320	4,372	10,037	2,295	1,828
99	76	827	2,583	5,664	2,193	1,725
100	77	498	1,467	3,081	2,101	1,633

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	24 490,235	405 855,260	16,572	16,104
25	1	98 808	23 022,074	381 365,024	16,565	16,097
26	2	98 737	21 703,472	358 342,950	16,511	16,043
27	3	98 679	20 462,835	336 639,478	16,451	15,983
28	4	98 615	19 292,076	316 176,643	16,389	15,921
29	5	98 555	18 189,043	296 884,567	16,322	15,854
30	6	98 491	17 148,363	278 695,525	16,252	15,784
31	7	98 428	16 167,316	261 547,162	16,178	15,710
32	8	98 356	15 240,935	245 379,846	16,100	15,632
33	9	98 281	14 367,279	230 138,911	16,018	15,550
34	10	98 205	13 543,536	215 771,632	15,932	15,464
35	11	98 120	12 765,875	202 228,096	15,841	15,373
36	12	98 025	12 031,691	189 462,221	15,747	15,279
37	13	97 930	11 339,683	177 430,530	15,647	15,179
38	14	97 830	10 686,875	166 090,847	15,542	15,074
39	15	97 717	10 070,319	155 403,972	15,432	14,964
40	16	97 599	9 488,746	145 333,653	15,316	14,848
41	17	97 462	8 939,136	135 844,907	15,197	14,729
42	18	97 319	8 420,744	126 905,771	15,071	14,603
43	19	97 154	7 930,646	118 485,027	14,940	14,472
44	20	96 976	7 468,047	110 554,382	14,804	14,336
45	21	96 784	7 031,375	103 086,334	14,661	14,193
46	22	96 570	6 618,716	96 054,960	14,513	14,045
47	23	96 343	6 229,352	89 436,244	14,357	13,889
48	24	96 082	5 860,867	83 206,892	14,197	13,729
49	25	95 798	5 512,787	77 346,025	14,030	13,562
50	26	95 479	5 183,410	71 833,238	13,858	13,390
51	27	95 125	4 871,859	66 649,828	13,681	13,213
52	28	94 737	4 577,348	61 777,969	13,496	13,028
53	29	94 294	4 298,071	57 200,620	13,308	12,840
54	30	93 800	4 033,522	52 902,549	13,116	12,648
55	31	93 249	3 782,875	48 869,027	12,918	12,451
56	32	92 646	3 545,676	45 086,153	12,716	12,248
57	33	91 981	3 320,977	41 540,477	12,509	12,041
58	34	91 255	3 108,266	38 219,500	12,296	11,828
59	35	90 450	2 906,439	35 111,234	12,080	11,613
60	36	89 577	2 715,466	32 204,795	11,860	11,392
61	37	88 636	2 534,849	29 489,329	11,634	11,166
62	38	87 622	2 364,001	26 954,480	11,402	10,934
63	39	86 508	2 201,855	24 590,479	11,168	10,700
64	40	85 327	2 048,855	22 388,624	10,927	10,459
65	41	84 052	1 903,994	20 339,769	10,683	10,215
66	42	82 697	1 767,269	18 435,775	10,432	9,964
67	43	81 278	1 638,622	16 668,506	10,172	9,704
68	44	79 747	1 516,749	15 029,885	9,909	9,441
69	45	78 175	1 402,701	13 513,136	9,634	9,166
70	46	76 477	1 294,555	12 110,435	9,355	8,887
71	47	74 669	1 192,401	10 815,880	9,071	8,603
72	48	72 743	1 095,895	9 623,479	8,781	8,313
73	49	70 728	1 005,219	8 527,584	8,483	8,015
74	50	68 602	919,816	7 522,365	8,178	7,710
75	51	66 350	839,264	6 602,549	7,867	7,399
76	52	63 950	763,124	5 763,285	7,552	7,084
77	53	61 392	691,127	5 000,161	7,235	6,767
78	54	58 698	623,400	4 309,034	6,912	6,444
79	55	55 815	559,229	3 685,634	6,591	6,123
80	56	52 722	498,338	3 126,404	6,274	5,806
81	57	49 454	440,986	2 628,067	5,960	5,492
82	58	45 979	386,794	2 187,081	5,654	5,186
83	59	42 354	336,127	1 800,287	5,356	4,888
84	60	38 575	288,808	1 464,160	5,070	4,602
85	61	34 710	245,160	1 175,351	4,794	4,326
86	62	30 804	205,262	930,191	4,532	4,064
87	63	26 943	169,367	724,929	4,280	3,812
88	64	23 206	137,619	555,562	4,037	3,569
89	65	19 638	109,868	417,944	3,804	3,336
90	66	16 316	86,117	308,075	3,577	3,109
91	67	13 269	66,072	221,959	3,359	2,891
92	68	10 481	49,234	155,886	3,166	2,698
93	69	8 048	35,664	106,652	2,990	2,522
94	70	6 018	25,157	70,988	2,822	2,354
95	71	4 318	17,032	45,831	2,691	2,223
96	72	3 042	11,320	28,799	2,544	2,076
97	73	2 061	7,235	17,478	2,416	1,948
98	74	1 343	4,448	10,243	2,303	1,835
99	75	843	2,633	5,795	2,201	1,733
100	76	509	1,499	3,162	2,109	1,641

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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25	0	99 111	23 092,827	381 524,625	16,521	16,053
26	1	98 760	21 708,488	358 431,798	16,511	16,043
27	2	98 691	20 465,272	336 723,310	16,453	15,985
28	3	98 627	19 294,374	316 258,038	16,391	15,923
29	4	98 564	18 190,697	296 963,664	16,325	15,857
30	5	98 499	17 149,649	278 772,967	16,255	15,787
31	6	98 435	16 168,380	261 623,318	16,181	15,713
32	7	98 360	15 241,686	245 454,937	16,104	15,636
33	8	98 287	14 368,168	230 213,251	16,022	15,554
34	9	98 211	13 544,412	215 845,083	15,936	15,468
35	10	98 125	12 766,632	202 300,671	15,846	15,378
36	11	98 033	12 032,587	189 534,039	15,752	15,284
37	12	97 938	11 340,581	177 501,452	15,652	15,184
38	13	97 839	10 687,791	166 160,871	15,547	15,079
39	14	97 728	10 071,376	155 473,080	15,437	14,969
40	15	97 611	9 489,933	145 401,704	15,322	14,854
41	16	97 476	8 940,397	135 911,771	15,202	14,734
42	17	97 333	8 421,977	126 971,374	15,076	14,608
43	18	97 174	7 932,261	118 549,397	14,945	14,477
44	19	96 995	7 469,489	110 617,136	14,809	14,341
45	20	96 802	7 032,677	103 147,647	14,667	14,199
46	21	96 586	6 619,812	96 114,970	14,519	14,051
47	22	96 359	6 230,430	89 495,158	14,364	13,896
48	23	96 103	5 862,139	83 264,728	14,204	13,736
49	24	95 815	5 513,722	77 402,589	14,038	13,570
50	25	95 497	5 184,377	71 888,867	13,866	13,398
51	26	95 143	4 872,808	66 704,491	13,689	13,221
52	27	94 758	4 578,348	61 831,683	13,505	13,037
53	28	94 318	4 299,143	57 253,335	13,317	12,849
54	29	93 824	4 034,566	52 954,191	13,125	12,657
55	30	93 277	3 783,998	48 919,625	12,928	12,460
56	31	92 676	3 546,808	45 135,627	12,726	12,258
57	32	92 013	3 322,130	41 588,819	12,519	12,051
58	33	91 288	3 109,373	38 266,689	12,307	11,839
59	34	90 485	2 907,576	35 157,316	12,092	11,624
60	35	89 613	2 716,559	32 249,740	11,872	11,404
61	36	88 678	2 536,038	29 533,181	11,645	11,177
62	37	87 662	2 365,090	26 997,143	11,415	10,947
63	38	86 559	2 203,145	24 632,053	11,180	10,712
64	39	85 378	2 050,076	22 428,908	10,941	10,473
65	40	84 109	1 905,287	20 378,832	10,696	10,228
66	41	82 760	1 768,618	18 473,545	10,445	9,977
67	42	81 345	1 639,983	16 704,927	10,186	9,718
68	43	79 819	1 518,115	15 064,944	9,923	9,455
69	44	78 255	1 404,133	13 546,829	9,648	9,180
70	45	76 562	1 295,996	12 142,696	9,369	8,901
71	46	74 764	1 193,917	10 846,700	9,085	8,617
72	47	72 847	1 097,469	9 652,783	8,795	8,328
73	48	70 841	1 006,829	8 555,315	8,497	8,029
74	49	68 726	921,486	7 548,485	8,192	7,724
75	50	66 481	840,921	6 627,000	7,881	7,413
76	51	64 092	764,813	5 786,079	7,565	7,097
77	52	61 543	692,828	5 021,266	7,247	6,780
78	53	58 859	625,108	4 328,437	6,924	6,456
79	54	55 984	560,917	3 703,329	6,602	6,134
80	55	52 897	499,994	3 142,411	6,285	5,817
81	56	49 633	442,587	2 642,417	5,970	5,502
82	57	46 163	388,345	2 199,830	5,665	5,197
83	58	42 541	337,616	1 811,485	5,366	4,898
84	59	38 762	290,210	1 473,869	5,079	4,611
85	60	34 898	246,489	1 183,659	4,802	4,334
86	61	30 978	206,417	937,170	4,540	4,072
87	62	27 107	170,402	730,753	4,288	3,820
88	63	23 359	138,531	560,351	4,045	3,577
89	64	19 782	110,675	421,820	3,811	3,343
90	65	16 448	86,812	311,145	3,584	3,116
91	66	13 386	66,655	224,333	3,366	2,898
92	67	10 584	49,716	157,678	3,172	2,704
93	68	8 131	36,032	107,962	2,996	2,528
94	69	6 085	25,442	71,930	2,827	2,359
95	70	4 372	17,242	46,488	2,696	2,228
96	71	3 084	11,474	29,246	2,549	2,081
97	72	2 091	7,341	17,772	2,421	1,953
98	73	1 364	4,518	10,431	2,309	1,841
99	74	858	2,679	5,913	2,207	1,739
100	75	519	1,529	3,234	2,115	1,648

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 658 030,138	16,580	16,112
1	1	99 340	93 496,510	1 558 030,138	16,664	16,196
2	2	99 290	87 952,418	1 464 533,628	16,651	16,183
3	3	99 263	82 755,979	1 376 581,211	16,634	16,166
4	4	99 238	77 868,675	1 293 825,231	16,615	16,147
5	5	99 218	73 273,001	1 215 956,557	16,595	16,127
6	6	99 201	68 951,154	1 142 683,556	16,572	16,104
7	7	99 184	64 884,203	1 073 732,402	16,548	16,080
8	8	99 171	61 059,333	1 008 848,199	16,522	16,054
9	9	99 157	57 459,368	947 788,866	16,495	16,027
10	10	99 142	54 071,558	890 329,497	16,466	15,997
11	11	99 129	50 883,949	836 257,940	16,435	15,966
12	12	99 112	47 882,932	785 373,991	16,402	15,934
13	13	99 097	45 059,192	737 491,059	16,367	15,899
14	14	99 079	42 400,961	692 431,867	16,331	15,862
15	15	99 056	39 897,780	650 030,906	16,292	15,824
16	16	99 029	37 540,511	610 133,126	16,253	15,784
17	17	98 990	35 318,161	572 592,615	16,212	15,744
18	18	98 946	33 226,010	537 274,454	16,170	15,702
19	19	98 888	31 253,185	504 048,444	16,128	15,660
20	20	98 828	29 396,805	472 795,259	16,083	15,615
21	21	98 765	27 649,989	443 398,454	16,036	15,568
22	22	98 704	26 007,575	415 748,465	15,986	15,517
23	23	98 643	24 462,444	389 740,890	15,932	15,464
24	24	98 576	23 007,910	365 278,446	15,876	15,408
25	25	98 512	21 640,366	342 270,536	15,816	15,348
26	26	98 446	20 353,808	320 630,170	15,753	15,284
27	27	98 380	19 143,723	300 276,362	15,685	15,217
28	28	98 307	18 004,180	281 132,639	15,615	15,146
29	29	98 232	16 932,159	263 128,459	15,540	15,072
30	30	98 150	15 922,903	246 196,301	15,462	14,993
31	31	98 064	14 973,180	230 273,398	15,379	14,911
32	32	97 966	14 078,209	215 300,218	15,293	14,825
33	33	97 863	13 236,202	201 222,009	15,202	14,734
34	34	97 759	12 444,324	187 985,807	15,106	14,638
35	35	97 642	11 698,296	175 541,483	15,006	14,537
36	36	97 516	10 995,959	163 843,187	14,900	14,432
37	37	97 384	10 335,108	152 847,227	14,789	14,321
38	38	97 248	9 713,574	142 512,120	14,671	14,203
39	39	97 089	9 127,244	132 798,546	14,550	14,081
40	40	96 925	8 575,860	123 671,302	14,421	13,953
41	41	96 737	8 055,783	115 095,442	14,287	13,819
42	42	96 536	7 566,095	107 039,659	14,147	13,679
43	43	96 312	7 104,520	99 473,565	14,001	13,533
44	44	96 067	6 669,649	92 369,045	13,849	13,381
45	45	95 797	6 259,653	85 699,396	13,691	13,222
46	46	95 495	5 872,857	79 439,743	13,527	13,058
47	47	95 165	5 508,316	73 566,886	13,356	12,887
48	48	94 793	5 163,997	68 058,570	13,179	12,711
49	49	94 378	4 838,945	62 894,573	12,998	12,529
50	50	93 910	4 531,745	58 055,628	12,811	12,343
51	51	93 395	4 241,793	53 523,882	12,618	12,150
52	52	92 829	3 968,077	49 282,090	12,420	11,951
53	53	92 192	3 709,005	45 314,012	12,217	11,749
54	54	91 481	3 463,928	41 605,007	12,011	11,543
55	55	90 697	3 232,238	38 141,079	11,800	11,332
56	56	89 841	3 013,385	34 908,841	11,585	11,116
57	57	88 905	2 806,562	31 895,456	11,365	10,896
58	58	87 882	2 611,086	29 088,894	11,141	10,672
59	59	86 756	2 426,003	26 477,808	10,914	10,446
60	60	85 538	2 251,249	24 051,805	10,684	10,215
61	61	84 223	2 086,240	21 800,556	10,450	9,981
62	62	82 831	1 931,079	19 714,317	10,209	9,741
63	63	81 330	1 784,535	17 783,238	9,965	9,497
64	64	79 738	1 646,700	15 998,703	9,716	9,247
65	65	78 027	1 516,575	14 352,003	9,463	8,995
66	66	76 212	1 394,170	12 835,428	9,206	8,738
67	67	74 312	1 279,437	11 441,258	8,942	8,474
68	68	72 270	1 171,092	10 161,820	8,677	8,209
69	69	70 194	1 070,542	8 990,728	8,398	7,930
70	70	67 978	975,753	7 920,186	8,117	7,649
71	71	65 645	886,842	6 944,433	7,831	7,362
72	72	63 186	803,413	6 057,591	7,540	7,071
73	73	60 647	725,770	5 254,178	7,239	6,771
74	74	58 019	653,472	4 528,409	6,930	6,461
75	75	55 263	585,820	3 874,936	6,615	6,146
76	76	52 364	522,440	3 289,117	6,296	5,827
77	77	49 293	462,871	2 766,676	5,977	5,509
78	78	46 104	407,458	2 303,805	5,654	5,186
79	79	42 737	355,479	1 896,347	5,335	4,866
80	80	39 169	306,639	1 540,868	5,025	4,557
81	81	35 458	261,258	1 234,229	4,724	4,256
82	82	31 640	219,416	972,971	4,434	3,966
83	83	27 801	181,450	753,555	4,153	3,685
84	84	23 966	147,216	572,105	3,886	3,418
85	85	20 224	116,923	424,888	3,634	3,166
86	86	16 656	90,629	307,966	3,398	2,930
87	87	13 353	68,387	217,336	3,178	2,710
88	88	10 406	50,158	148,949	2,970	2,501
89	89	7 852	35,622	98,791	2,773	2,305
90	90	5 716	24,404	63,169	2,588	2,120
91	91	3 996	16,057	38,765	2,414	1,946
92	92	2 654	10,036	22,709	2,263	1,794
93	93	1 672	5,954	12,672	2,129	1,660
94	94	1 000	3,351	6,719	2,005	1,537
95	95	556	1,752	3,368	1,922	1,454
96	96	298	0,884	1,616	1,827	1,359
97	97	150	0,418	0,732	1,750	1,282
98	98	72	0,188	0,314	1,666	1,197
99	99	32	0,079	0,125	1,593	1,125
100	100	13	0,030	0,047	1,531	1,062

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 657 001,660	16,621	16,153	50	51	93 725	4 522,815	57 615,916	12,739	12,271
1	2	99 317	93 474,907	1 557 308,046	16,660	16,192	51	52	93 189	4 232,424	53 093,101	12,544	12,076
2	3	99 278	87 941,944	1 463 833,140	16,645	16,177	52	53	92 601	3 958,335	48 860,677	12,344	11,875
3	4	99 251	82 746,120	1 375 891,195	16,628	16,160	53	54	91 940	3 698,868	44 902,342	12,139	11,671
4	5	99 229	77 861,594	1 293 145,075	16,608	16,140	54	55	91 206	3 453,503	41 203,475	11,931	11,463
5	6	99 210	73 267,506	1 215 283,481	16,587	16,119	55	56	90 397	3 221,528	37 749,971	11,718	11,250
6	7	99 194	68 946,615	1 142 015,976	16,564	16,095	56	57	89 516	3 002,480	34 528,443	11,500	11,032
7	8	99 179	64 881,004	1 073 069,360	16,539	16,071	57	58	88 550	2 795,357	31 525,963	11,278	10,810
8	9	99 165	61 055,553	1 008 188,356	16,513	16,044	58	59	87 494	2 599,570	28 730,606	11,052	10,584
9	10	99 150	57 455,650	947 132,803	16,485	16,016	59	60	86 337	2 414,285	26 131,037	10,824	10,355
10	11	99 136	54 068,354	889 677,153	16,455	15,986	60	61	85 077	2 239,113	23 716,751	10,592	10,124
11	12	99 121	50 880,159	835 608,799	16,423	15,955	61	62	83 752	2 074,567	21 477,639	10,353	9,884
12	13	99 105	47 879,144	784 728,640	16,390	15,921	62	63	82 328	1 919,344	19 403,072	10,109	9,641
13	14	99 088	45 055,330	736 849,497	16,354	15,886	63	64	80 794	1 772,785	17 483,728	9,862	9,394
14	15	99 068	42 396,512	691 794,167	16,317	15,849	64	65	79 157	1 634,700	15 710,943	9,611	9,143
15	16	99 044	39 892,789	649 397,655	16,279	15,810	65	66	77 402	1 504,424	14 076,243	9,357	8,888
16	17	99 015	37 535,214	609 504,867	16,238	15,770	66	67	75 547	1 381,992	12 571,819	9,097	8,629
17	18	98 975	35 312,990	571 969,653	16,197	15,729	67	68	73 591	1 267,034	11 189,827	8,832	8,363
18	19	98 926	33 219,244	536 656,663	16,155	15,687	68	69	71 532	1 159,130	9 922,793	8,561	8,092
19	20	98 869	31 247,153	503 437,420	16,111	15,643	69	70	69 410	1 058,581	8 763,663	8,279	7,810
20	21	98 809	29 391,361	472 190,267	16,066	15,597	70	71	67 149	963,865	7 705,082	7,994	7,526
21	22	98 749	27 645,411	442 798,906	16,017	15,549	71	72	64 766	874,967	6 741,217	7,705	7,236
22	23	98 687	26 003,074	415 153,494	15,966	15,497	72	73	62 276	791,836	5 866,250	7,408	6,940
23	24	98 621	24 457,136	389 150,420	15,912	15,443	73	74	59 708	714,533	5 074,414	7,102	6,633
24	25	98 559	23 004,009	364 693,284	15,853	15,385	74	75	57 026	642,292	4 359,881	6,788	6,320
25	26	98 493	21 636,331	341 689,275	15,792	15,324	75	76	54 209	574,649	3 717,589	6,469	6,001
26	27	98 427	20 349,848	320 052,944	15,728	15,259	76	77	51 221	511,037	3 142,939	6,150	5,682
27	28	98 359	19 139,541	299 703,096	15,659	15,190	77	78	48 088	451,553	2 631,902	5,829	5,360
28	29	98 282	17 999,690	280 563,555	15,587	15,119	78	79	44 809	396,009	2 180,348	5,506	5,037
29	30	98 206	16 927,777	262 563,865	15,511	15,042	79	80	41 330	343,775	1 784,340	5,190	4,722
30	31	98 121	15 918,175	245 636,089	15,431	14,963	80	81	37 665	294,861	1 440,564	4,886	4,417
31	32	98 033	14 968,401	229 717,914	15,347	14,879	81	82	33 896	249,746	1 145,703	4,587	4,119
32	33	97 932	14 073,323	214 749,513	15,259	14,791	82	83	30 048	208,371	895,957	4,300	3,831
33	34	97 828	13 231,489	200 676,190	15,167	14,698	83	84	26 186	170,911	687,586	4,023	3,555
34	35	97 720	12 439,457	187 444,700	15,069	14,600	84	85	22 355	137,320	516,675	3,763	3,294
35	36	97 602	11 693,588	175 005,244	14,966	14,498	85	86	18 662	107,894	379,355	3,516	3,048
36	37	97 470	10 990,804	163 311,656	14,859	14,391	86	87	15 175	82,572	271,461	3,288	2,819
37	38	97 339	10 330,351	152 320,852	14,745	14,277	87	88	12 002	61,467	188,889	3,073	2,605
38	39	97 191	9 707,885	141 990,501	14,626	14,158	88	89	9 211	44,398	127,422	2,870	2,402
39	40	97 031	9 121,807	132 282,616	14,502	14,033	89	90	6 824	30,958	83,024	2,682	2,213
40	41	96 859	8 570,039	123 160,809	14,371	13,903	90	91	4 870	20,794	52,065	2,504	2,036
41	42	96 664	8 049,638	114 590,770	14,236	13,767	91	92	3 327	13,370	31,272	2,339	1,871
42	43	96 455	7 559,816	106 541,132	14,093	13,625	92	93	2 156	8,154	17,902	2,195	1,727
43	44	96 225	7 098,126	98 981,316	13,945	13,476	93	94	1 323	4,708	9,748	2,070	1,602
44	45	95 969	6 662,845	91 883,190	13,790	13,322	94	95	765	2,563	5,040	1,967	1,498
45	46	95 691	6 252,693	85 220,345	13,629	13,161	95	96	417	1,316	2,477	1,882	1,414
46	47	95 374	5 865,400	78 967,652	13,463	12,995	96	97	218	0,646	1,161	1,797	1,329
47	48	95 029	5 500,419	73 102,251	13,290	12,822	97	98	108	0,302	0,515	1,705	1,237
48	49	94 641	5 155,737	67 601,832	13,112	12,644	98	99	50	0,131	0,213	1,628	1,159
49	50	94 207	4 830,180	62 446,095	12,928	12,460	99	100	21	0,053	0,082	1,560	1,092

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 656 215,860	16,617	16,149
1	3	99 305	93 463,776	1 556 545,281	16,654	16,186
2	4	99 266	87 931,467	1 463 081,505	16,639	16,171
3	5	99 242	82 738,596	1 375 150,038	16,620	16,152
4	6	99 222	77 855,755	1 292 411,442	16,600	16,132
5	7	99 204	73 262,683	1 214 555,688	16,578	16,110
6	8	99 189	68 943,217	1 141 293,005	16,554	16,086
7	9	99 173	64 876,987	1 072 349,788	16,529	16,061
8	10	99 158	61 051,602	1 007 472,801	16,502	16,034
9	11	99 144	57 452,246	946 421,199	16,473	16,005
10	12	99 129	54 064,327	888 968,953	16,443	15,974
11	13	99 113	50 876,133	834 904,627	16,411	15,942
12	14	99 096	47 875,039	784 028,493	16,377	15,908
13	15	99 078	45 050,602	736 153,454	16,341	15,872
14	16	99 056	42 391,208	691 102,852	16,303	15,835
15	17	99 030	39 887,160	648 711,644	16,264	15,795
16	18	99 001	37 529,718	608 824,484	16,222	15,754
17	19	98 955	35 305,798	571 294,767	16,181	15,713
18	20	98 907	33 212,832	535 988,968	16,138	15,670
19	21	98 851	31 241,366	502 776,136	16,093	15,625
20	22	98 793	29 386,495	471 534,770	16,046	15,578
21	23	98 731	27 640,628	442 148,275	15,996	15,528
22	24	98 666	25 997,432	414 507,647	15,944	15,476
23	25	98 605	24 452,989	388 510,215	15,888	15,420
24	26	98 541	22 999,720	364 057,226	15,829	15,360
25	27	98 474	21 632,121	341 057,506	15,766	15,298
26	28	98 405	20 345,403	319 425,385	15,700	15,232
27	29	98 334	19 134,768	299 079,983	15,630	15,162
28	30	98 257	17 995,032	279 945,215	15,557	15,088
29	31	98 177	16 922,750	261 950,183	15,479	15,011
30	32	98 090	15 913,094	245 027,433	15,398	14,929
31	33	97 999	14 963,206	229 114,339	15,312	14,843
32	34	97 897	14 068,313	214 151,133	15,222	14,754
33	35	97 790	13 226,314	200 082,820	15,128	14,659
34	36	97 681	12 434,450	186 856,506	15,027	14,559
35	37	97 557	11 688,105	174 422,056	14,923	14,455
36	38	97 425	10 985,746	162 733,951	14,813	14,345
37	39	97 282	10 324,301	151 748,205	14,698	14,230
38	40	97 133	9 702,102	141 423,904	14,577	14,108
39	41	96 965	9 115,616	131 721,802	14,450	13,982
40	42	96 785	8 563,502	122 606,186	14,317	13,849
41	43	96 583	8 042,958	114 042,685	14,179	13,711
42	44	96 369	7 553,013	105 999,727	14,034	13,566
43	45	96 127	7 090,886	98 446,714	13,884	13,415
44	46	95 863	6 655,437	91 355,828	13,726	13,258
45	47	95 569	6 244,754	84 700,392	13,563	13,095
46	48	95 237	5 856,992	78 455,638	13,395	12,927
47	49	94 877	5 491,621	72 598,646	13,220	12,752
48	50	94 470	5 146,397	67 107,025	13,040	12,571
49	51	94 021	4 820,661	61 960,627	12,853	12,385
50	52	93 518	4 512,825	57 139,966	12,662	12,193
51	53	92 960	4 222,032	52 627,141	12,465	11,997
52	54	92 348	3 947,516	48 405,110	12,262	11,794
53	55	91 663	3 687,735	44 457,594	12,056	11,587
54	56	90 904	3 442,060	40 769,858	11,845	11,376
55	57	90 070	3 209,870	37 327,798	11,629	11,161
56	58	89 159	2 990,493	34 117,928	11,409	10,940
57	59	88 159	2 783,028	31 127,435	11,185	10,716
58	60	87 072	2 587,014	28 344,407	10,956	10,488
59	61	85 871	2 401,270	25 757,393	10,727	10,258
60	62	84 601	2 226,584	23 356,123	10,490	10,021
61	63	83 243	2 061,960	21 129,539	10,247	9,779
62	64	81 786	1 906,706	19 067,578	10,000	9,532
63	65	80 205	1 759,866	17 160,872	9,751	9,283
64	66	78 523	1 621,602	15 401,006	9,497	9,029
65	67	76 726	1 491,282	13 779,403	9,240	8,772
66	68	74 814	1 368,594	12 288,121	8,979	8,510
67	69	72 840	1 254,091	10 919,527	8,707	8,239
68	70	70 733	1 146,180	9 665,436	8,433	7,964
69	71	68 564	1 045,684	8 519,256	8,147	7,679
70	72	66 250	950,958	7 473,572	7,859	7,391
71	73	63 833	862,360	6 522,613	7,564	7,095
72	74	61 312	779,576	5 660,254	7,261	6,792
73	75	58 687	702,308	4 880,678	6,949	6,481
74	76	55 939	630,045	4 178,369	6,632	6,163
75	77	53 026	562,107	3 548,324	6,313	5,844
76	78	49 969	498,542	2 986,217	5,990	5,522
77	79	46 737	438,865	2 487,675	5,668	5,200
78	80	43 333	382,971	2 048,811	5,350	4,881
79	81	39 742	330,572	1 665,840	5,039	4,571
80	82	36 005	281,869	1 335,268	4,737	4,269
81	83	32 189	237,174	1 053,399	4,441	3,973
82	84	28 302	196,268	816,225	4,159	3,690
83	85	24 426	159,422	619,957	3,889	3,420
84	86	20 628	126,716	460,535	3,634	3,166
85	87	17 003	98,301	333,819	3,396	2,928
86	88	13 639	74,216	235,518	3,173	2,705
87	89	10 624	54,409	161,301	2,965	2,496
88	90	8 005	38,586	106,892	2,770	2,302
89	91	5 815	26,378	68,306	2,589	2,121
90	92	4 055	17,314	41,928	2,422	1,953
91	93	2 703	10,862	24,614	2,266	1,798
92	94	1 705	6,448	13,751	2,133	1,664
93	95	1 012	3,601	7,303	2,028	1,560
94	96	574	1,924	3,702	1,924	1,456
95	97	305	0,961	1,778	1,850	1,381
96	98	157	0,467	0,817	1,749	1,280
97	99	75	0,210	0,350	1,664	1,196
98	100	33	0,088	0,140	1,592	1,124

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 655 386,056	16,611	16,142
1	4	99 293	93 452,641	1 555 727,346	16,647	16,179
2	5	99 257	87 923,471	1 462 274,705	16,631	16,163
3	6	99 234	82 732,391	1 374 351,234	16,612	16,144
4	7	99 215	77 850,630	1 291 618,843	16,591	16,123
5	8	99 199	73 259,071	1 213 768,213	16,568	16,100
6	9	99 183	68 938,948	1 140 509,142	16,544	16,075
7	10	99 167	64 872,789	1 071 570,193	16,518	16,050
8	11	99 152	61 047,984	1 006 697,404	16,490	16,022
9	12	99 137	57 447,967	945 649,420	16,461	15,993
10	13	99 121	54 060,049	888 201,453	16,430	15,962
11	14	99 105	50 871,772	834 141,404	16,397	15,929
12	15	99 086	47 870,016	783 269,631	16,362	15,894
13	16	99 066	45 044,966	735 399,616	16,326	15,858
14	17	99 042	42 385,226	690 354,650	16,288	15,819
15	18	99 016	39 881,319	647 969,424	16,247	15,779
16	19	98 981	37 522,075	608 088,104	16,206	15,738
17	20	98 936	35 298,984	570 566,029	16,164	15,695
18	21	98 889	33 206,682	535 267,045	16,119	15,651
19	22	98 834	31 236,194	502 060,364	16,073	15,605
20	23	98 776	29 381,410	470 824,169	16,025	15,556
21	24	98 710	27 634,630	441 442,759	15,974	15,506
22	25	98 649	25 993,024	413 808,129	15,920	15,452
23	26	98 586	24 448,429	387 815,105	15,863	15,394
24	27	98 522	22 995,245	363 366,676	15,802	15,333
25	28	98 453	21 627,396	340 371,432	15,738	15,270
26	29	98 381	20 340,329	318 744,036	15,671	15,202
27	30	98 309	19 129,816	298 403,707	15,599	15,131
28	31	98 228	17 989,689	279 273,891	15,524	15,056
29	32	98 146	16 917,349	261 284,202	15,445	14,976
30	33	98 056	15 907,571	244 366,854	15,362	14,893
31	34	97 964	14 957,878	228 459,283	15,274	14,805
32	35	97 858	14 062,810	213 501,404	15,182	14,714
33	36	97 750	13 220,991	199 438,594	15,085	14,617
34	37	97 635	12 428,620	186 217,603	14,983	14,515
35	38	97 512	11 682,726	173 788,983	14,876	14,407
36	39	97 368	10 979,312	162 106,256	14,765	14,296
37	40	97 224	10 318,151	151 126,945	14,647	14,178
38	41	97 067	9 695,517	140 808,794	14,523	14,055
39	42	96 891	9 108,662	131 113,277	14,394	13,926
40	43	96 705	8 556,396	122 004,615	14,259	13,791
41	44	96 496	8 035,720	113 448,220	14,118	13,650
42	45	96 270	7 545,309	105 412,500	13,971	13,502
43	46	96 020	7 083,001	97 867,191	13,817	13,349
44	47	95 741	6 646,986	90 784,190	13,658	13,190
45	48	95 432	6 235,802	84 137,204	13,493	13,024
46	49	95 085	5 847,623	77 901,403	13,322	12,854
47	50	94 705	5 481,673	72 053,779	13,144	12,676
48	51	94 283	5 136,256	66 572,106	12,961	12,493
49	52	93 813	4 810,013	61 435,851	12,772	12,304
50	53	93 288	4 501,745	56 625,837	12,579	12,110
51	54	92 706	4 210,492	52 124,093	12,380	11,911
52	55	92 070	3 935,635	47 913,600	12,174	11,706
53	56	91 359	3 675,517	43 977,965	11,965	11,497
54	57	90 575	3 429,604	40 302,448	11,751	11,283
55	58	89 710	3 197,055	36 872,844	11,533	11,065
56	59	88 765	2 977,303	33 675,789	11,311	10,842
57	60	87 733	2 769,586	30 698,486	11,084	10,616
58	61	86 602	2 573,067	27 928,900	10,854	10,386
59	62	85 391	2 387,834	25 355,833	10,619	10,150
60	63	84 087	2 213,054	22 967,998	10,378	9,910
61	64	82 694	2 048,384	20 754,944	10,132	9,664
62	65	81 190	1 892,812	18 706,560	9,883	9,415
63	66	79 563	1 745,766	16 813,749	9,631	9,163
64	67	77 837	1 607,437	15 067,983	9,374	8,906
65	68	75 982	1 476,825	13 460,546	9,115	8,646
66	69	74 050	1 354,614	11 983,721	8,847	8,378
67	70	72 026	1 240,080	10 629,107	8,571	8,103
68	71	69 871	1 132,215	9 389,026	8,293	7,824
69	72	67 646	1 031,682	8 256,811	8,003	7,535
70	73	65 296	937,256	7 225,129	7,709	7,240
71	74	62 844	849,008	6 287,873	7,406	6,938
72	75	60 263	766,239	5 438,865	7,098	6,630
73	76	57 568	688,917	4 672,626	6,783	6,314
74	77	54 718	616,294	3 983,709	6,464	5,996
75	78	51 729	548,362	3 367,415	6,141	5,673
76	79	48 565	484,532	2 819,053	5,818	5,350
77	80	45 198	424,416	2 334,520	5,501	5,032
78	81	41 669	368,262	1 910,105	5,187	4,718
79	82	37 991	316,006	1 541,843	4,879	4,411
80	83	34 192	267,679	1 225,837	4,580	4,111
81	84	30 320	223,398	958,158	4,289	3,821
82	85	26 400	183,075	734,760	4,013	3,545
83	86	22 540	147,111	551,685	3,750	3,282
84	87	18 794	115,450	404,573	3,504	3,036
85	88	15 282	88,354	289,123	3,272	2,804
86	89	12 073	65,694	200,769	3,056	2,588
87	90	9 233	47,286	135,075	2,857	2,388
88	91	6 821	32,878	87,789	2,670	2,202
89	92	4 842	21,964	54,911	2,500	2,032
90	93	3 295	14,067	32,947	2,342	1,874
91	94	2 138	8,590	18,880	2,198	1,730
92	95	1 304	4,932	10,290	2,087	1,618
93	96	760	2,704	5,358	1,982	1,513
94	97	420	1,406	2,654	1,888	1,420
95	98	220	0,695	1,248	1,796	1,328
96	99	109	0,325	0,553	1,704	1,236
97	100	50	0,141	0,229	1,626	1,158

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 654 496,874	16,604	16,135
1	5	99 284	93 444,143	1 554 850,037	16,639	16,171
2	6	99 250	87 916,878	1 461 405,894	16,623	16,154
3	7	99 228	82 726,945	1 373 489,017	16,603	16,134
4	8	99 210	77 846,792	1 290 762,072	16,581	16,112
5	9	99 193	73 254,536	1 212 915,280	16,558	16,089
6	10	99 177	68 934,487	1 139 660,744	16,533	16,064
7	11	99 161	64 868,945	1 070 726,256	16,506	16,038
8	12	99 145	61 043,437	1 005 857,311	16,478	16,009
9	13	99 129	57 443,422	944 813,874	16,448	15,979
10	14	99 113	54 055,415	887 370,452	16,416	15,948
11	15	99 095	50 866,434	833 315,037	16,382	15,914
12	16	99 073	47 864,027	782 448,603	16,347	15,879
13	17	99 052	45 038,610	734 584,576	16,310	15,842
14	18	99 028	42 379,020	689 545,966	16,271	15,803
15	19	98 995	39 873,198	647 166,946	16,231	15,762
16	20	98 961	37 514,833	607 293,748	16,188	15,720
17	21	98 918	35 292,447	569 778,915	16,144	15,676
18	22	98 872	33 201,184	534 486,468	16,098	15,630
19	23	98 817	31 230,789	501 285,284	16,051	15,583
20	24	98 755	29 375,035	470 054,495	16,002	15,533
21	25	98 693	27 629,944	440 679,460	15,949	15,481
22	26	98 631	25 988,177	413 049,516	15,894	15,425
23	27	98 567	24 443,672	387 061,339	15,835	15,366
24	28	98 500	22 990,222	362 617,667	15,773	15,304
25	29	98 428	21 622,002	339 627,445	15,707	15,239
26	30	98 355	20 335,065	318 005,443	15,638	15,170
27	31	98 280	19 124,136	297 670,378	15,565	15,097
28	32	98 196	17 983,946	278 546,242	15,489	15,020
29	33	98 112	16 911,478	260 562,296	15,407	14,939
30	34	98 021	15 901,907	243 650,818	15,322	14,854
31	35	97 926	14 952,028	227 748,911	15,232	14,764
32	36	97 819	14 057,150	212 796,883	15,138	14,670
33	37	97 705	13 214,792	198 739,732	15,039	14,571
34	38	97 590	12 422,900	185 524,940	14,934	14,466
35	39	97 455	11 675,884	173 102,040	14,826	14,357
36	40	97 310	10 972,771	161 426,156	14,712	14,243
37	41	97 158	10 311,148	150 453,384	14,591	14,123
38	42	96 993	9 688,121	140 142,236	14,465	13,997
39	43	96 811	9 101,103	130 454,115	14,334	13,866
40	44	96 618	8 548,695	121 353,012	14,196	13,727
41	45	96 398	8 027,523	112 804,317	14,052	13,584
42	46	96 163	7 536,919	104 776,794	13,902	13,433
43	47	95 898	7 074,007	97 239,875	13,746	13,278
44	48	95 604	6 637,457	90 165,868	13,584	13,116
45	49	95 279	6 225,827	83 528,411	13,416	12,948
46	50	94 912	5 837,031	77 302,584	13,243	12,775
47	51	94 518	5 470,871	71 465,553	13,063	12,595
48	52	94 075	5 124,911	65 994,682	12,877	12,409
49	53	93 583	4 798,203	60 869,772	12,686	12,218
50	54	93 033	4 489,441	56 071,569	12,490	12,021
51	55	92 427	4 197,820	51 582,128	12,288	11,819
52	56	91 765	3 922,595	47 384,307	12,080	11,611
53	57	91 029	3 662,215	43 461,712	11,868	11,399
54	58	90 213	3 415,912	39 799,497	11,651	11,183
55	59	89 315	3 182,955	36 383,585	11,431	10,962
56	60	88 337	2 962,923	33 200,630	11,205	10,737
57	61	87 260	2 754,655	30 237,708	10,977	10,509
58	62	86 118	2 558,671	27 483,053	10,741	10,273
59	63	84 872	2 373,324	24 924,382	10,502	10,034
60	64	83 533	2 198,483	22 551,058	10,258	9,789
61	65	82 092	2 033,456	20 352,575	10,009	9,541
62	66	80 539	1 877,646	18 319,119	9,756	9,288
63	67	78 868	1 730,516	16 441,473	9,501	9,033
64	68	77 082	1 591,854	14 710,957	9,241	8,773
65	69	75 206	1 461,740	13 119,103	8,975	8,507
66	70	73 223	1 339,480	11 657,363	8,703	8,235
67	71	71 148	1 224,972	10 317,883	8,423	7,955
68	72	68 935	1 117,055	9 092,911	8,140	7,672
69	73	66 671	1 016,816	7 975,857	7,844	7,376
70	74	64 285	922,744	6 959,040	7,542	7,073
71	75	61 769	834,483	6 036,296	7,234	6,765
72	76	59 114	751,629	5 201,813	6,921	6,452
73	77	56 311	673,881	4 450,185	6,604	6,135
74	78	53 380	601,225	3 776,304	6,281	5,813
75	79	50 276	532,953	3 175,079	5,958	5,489
76	80	46 966	468,580	2 642,126	5,639	5,170
77	81	43 462	408,115	2 173,546	5,326	4,857
78	82	39 833	352,035	1 765,431	5,015	4,547
79	83	36 079	300,098	1 413,396	4,710	4,241
80	84	32 206	252,132	1 113,299	4,416	3,947
81	85	28 282	208,381	861,167	4,133	3,664
82	86	24 361	168,938	652,785	3,864	3,396
83	87	20 536	134,032	483,848	3,610	3,142
84	88	16 892	103,768	349,816	3,371	2,903
85	89	13 527	78,209	246,048	3,146	2,678
86	90	10 492	57,094	167,839	2,940	2,471
87	91	7 867	40,291	110,745	2,749	2,280
88	92	5 680	27,376	70,455	2,574	2,105
89	93	3 934	17,845	43,079	2,414	1,946
90	94	2 605	11,124	25,234	2,268	1,800
91	95	1 635	6,570	14,110	2,148	1,679
92	96	979	3,704	7,540	2,036	1,568
93	97	555	1,975	3,837	1,942	1,474
94	98	303	1,016	1,861	1,831	1,363
95	99	153	0,483	0,845	1,748	1,280
96	100	73	0,217	0,362	1,663	1,195

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 653 543,937	16,596	16,127
1	6	99 277	93 437,135	1 553 906,161	16,630	16,162
2	7	99 243	87 911,090	1 460 469,025	16,613	16,145
3	8	99 223	82 722,867	1 372 557,935	16,592	16,124
4	9	99 204	77 841,972	1 289 835,068	16,570	16,102
5	10	99 186	73 249,796	1 211 993,096	16,546	16,078
6	11	99 171	68 930,403	1 138 743,300	16,520	16,052
7	12	99 153	64 864,114	1 069 812,897	16,493	16,025
8	13	99 137	61 038,608	1 004 948,784	16,464	15,996
9	14	99 121	57 438,498	943 910,176	16,433	15,965
10	15	99 102	54 049,743	886 471,678	16,401	15,933
11	16	99 082	50 860,070	832 421,935	16,367	15,899
12	17	99 059	47 857,273	781 561,865	16,331	15,863
13	18	99 037	45 032,016	733 704,591	16,293	15,825
14	19	99 007	42 370,390	688 672,576	16,254	15,785
15	20	98 976	39 865,501	646 302,186	16,212	15,744
16	21	98 943	37 507,886	606 436,684	16,168	15,700
17	22	98 901	35 286,604	568 928,798	16,123	15,655
18	23	98 855	33 195,439	533 642,194	16,076	15,607
19	24	98 796	31 224,012	500 446,755	16,028	15,559
20	25	98 738	29 370,054	469 222,743	15,976	15,508
21	26	98 675	27 624,792	439 852,689	15,922	15,454
22	27	98 612	25 983,121	412 227,897	15,865	15,397
23	28	98 546	24 438,333	386 244,776	15,805	15,337
24	29	98 476	22 984,488	361 806,443	15,741	15,273
25	30	98 403	21 616,407	338 821,955	15,674	15,206
26	31	98 326	20 329,027	317 205,548	15,604	15,135
27	32	98 248	19 118,032	296 876,522	15,529	15,060
28	33	98 162	17 977,705	277 758,490	15,450	14,982
29	34	98 077	16 905,456	259 780,785	15,367	14,898
30	35	97 982	15 895,688	242 875,329	15,279	14,811
31	36	97 886	14 946,010	226 979,641	15,187	14,718
32	37	97 773	14 050,560	212 033,631	15,091	14,622
33	38	97 660	13 208,711	197 983,071	14,989	14,520
34	39	97 533	12 415,625	184 774,360	14,882	14,414
35	40	97 397	11 668,929	172 358,736	14,771	14,302
36	41	97 244	10 965,324	160 689,807	14,654	14,186
37	42	97 084	10 303,282	149 724,483	14,532	14,063
38	43	96 912	9 680,081	139 421,201	14,403	13,935
39	44	96 723	9 092,913	129 741,120	14,268	13,800
40	45	96 519	8 539,975	120 648,207	14,127	13,659
41	46	96 291	8 018,597	112 108,231	13,981	13,513
42	47	96 041	7 527,349	104 089,635	13,828	13,360
43	48	95 761	7 063,866	96 562,286	13,670	13,202
44	49	95 451	6 626,840	89 498,419	13,505	13,037
45	50	95 107	6 214,549	82 871,579	13,335	12,867
46	51	94 725	5 825,528	76 657,030	13,159	12,690
47	52	94 310	5 458,787	70 831,502	12,976	12,507
48	53	93 844	5 112,328	65 372,716	12,787	12,319
49	54	93 327	4 785,089	60 260,388	12,593	12,125
50	55	92 753	4 475,929	55 475,299	12,394	11,926
51	56	92 121	4 183,911	50 999,370	12,189	11,721
52	57	91 433	3 908,400	46 815,459	11,978	11,510
53	58	90 665	3 647,595	42 907,059	11,763	11,295
54	59	89 815	3 400,846	39 259,464	11,544	11,076
55	60	88 883	3 167,581	35 858,618	11,321	10,852
56	61	87 860	2 946,950	32 691,037	11,093	10,625
57	62	86 772	2 739,242	29 744,088	10,859	10,390
58	63	85 594	2 543,122	27 004,845	10,619	10,150
59	64	84 313	2 357,698	24 461,723	10,375	9,907
60	65	82 925	2 182,462	22 104,025	10,128	9,660
61	66	81 434	2 017,164	19 921,564	9,876	9,408
62	67	79 836	1 861,244	17 904,400	9,620	9,151
63	68	78 103	1 713,740	16 043,156	9,361	8,893
64	69	76 295	1 575,593	14 329,416	9,095	8,626
65	70	74 366	1 445,409	12 753,823	8,824	8,355
66	71	72 331	1 323,160	11 308,414	8,547	8,078
67	72	70 196	1 208,569	9 985,253	8,262	7,794
68	73	67 942	1 100,959	8 776,684	7,972	7,504
69	74	65 639	1 001,073	7 675,726	7,667	7,199
70	75	63 185	906,958	6 674,653	7,359	6,891
71	76	60 591	818,571	5 767,695	7,046	6,578
72	77	57 823	735,224	4 949,124	6,731	6,263
73	78	54 934	657,403	4 213,900	6,410	5,942
74	79	51 880	584,330	3 556,497	6,086	5,618
75	80	48 621	515,407	2 972,167	5,767	5,298
76	81	45 162	450,583	2 456,761	5,452	4,984
77	82	41 547	390,132	2 006,178	5,142	4,674
78	83	37 828	334,313	1 616,045	4,834	4,366
79	84	33 983	282,667	1 281,732	4,534	4,066
80	85	30 042	235,183	999,065	4,248	3,780
81	86	26 098	192,290	763,882	3,973	3,504
82	87	22 195	153,918	571,592	3,714	3,245
83	88	18 458	120,469	417,674	3,467	2,999
84	89	14 953	91,853	297,205	3,236	2,767
85	90	11 756	67,970	205,352	3,021	2,553
86	91	8 940	48,648	137,382	2,824	2,356
87	92	6 551	33,549	88,735	2,645	2,177
88	93	4 614	22,241	55,186	2,481	2,013
89	94	3 111	14,112	32,945	2,335	1,866
90	95	1 993	8,508	18,833	2,214	1,745
91	96	1 228	4,934	10,325	2,093	1,624
92	97	715	2,706	5,391	1,993	1,524
93	98	401	1,428	2,686	1,881	1,412
94	99	211	0,707	1,258	1,780	1,312
95	100	103	0,323	0,551	1,704	1,236

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 652 519,677	16,587	16,118
1	7	99 270	93 430,984	1 552 889,373	16,621	16,152
2	8	99 238	87 906,757	1 459 458,389	16,602	16,134
3	9	99 217	82 717,745	1 371 551,632	16,581	16,113
4	10	99 198	77 836,936	1 288 833,886	16,558	16,090
5	11	99 180	73 245,455	1 210 996,951	16,533	16,065
6	12	99 164	68 925,269	1 137 751,496	16,507	16,039
7	13	99 145	64 858,982	1 068 826,227	16,479	16,011
8	14	99 129	61 033,376	1 003 967,245	16,449	15,981
9	15	99 110	57 432,470	942 933,869	16,418	15,950
10	16	99 090	54 042,981	885 501,399	16,385	15,917
11	17	99 068	50 852,894	831 458,418	16,350	15,882
12	18	99 045	47 850,266	780 605,524	16,314	15,845
13	19	99 017	45 022,845	732 755,258	16,275	15,807
14	20	98 988	42 362,212	687 732,413	16,235	15,766
15	21	98 958	39 858,120	645 370,201	16,192	15,723
16	22	98 927	37 501,676	605 512,081	16,146	15,678
17	23	98 884	35 280,498	568 010,405	16,100	15,631
18	24	98 834	33 188,236	532 729,907	16,052	15,583
19	25	98 779	31 218,718	499 541,671	16,001	15,533
20	26	98 719	29 364,577	468 322,953	15,949	15,480
21	27	98 656	27 619,417	438 958,376	15,893	15,425
22	28	98 590	25 977,445	411 338,959	15,834	15,366
23	29	98 521	24 432,238	385 361,514	15,773	15,304
24	30	98 450	22 978,540	360 929,276	15,707	15,239
25	31	98 373	21 609,988	337 950,735	15,639	15,170
26	32	98 295	20 322,538	316 340,747	15,566	15,098
27	33	98 214	19 111,397	296 018,209	15,489	15,021
28	34	98 127	17 971,304	276 906,813	15,408	14,940
29	35	98 038	16 898,844	258 935,509	15,323	14,854
30	36	97 943	15 889,290	242 036,664	15,233	14,764
31	37	97 841	14 939,003	226 147,374	15,138	14,670
32	38	97 728	14 044,093	211 208,371	15,039	14,571
33	39	97 603	13 200,975	197 164,278	14,936	14,467
34	40	97 475	12 408,229	183 963,303	14,826	14,358
35	41	97 331	11 661,009	171 555,075	14,712	14,244
36	42	97 170	10 956,959	159 894,066	14,593	14,125
37	43	97 003	10 294,732	148 937,107	14,467	13,999
38	44	96 825	9 671,370	138 642,374	14,335	13,867
39	45	96 625	9 083,638	128 971,004	14,198	13,730
40	46	96 412	8 530,479	119 887,367	14,054	13,586
41	47	96 169	8 008,415	111 356,887	13,905	13,437
42	48	95 903	7 516,558	103 348,472	13,749	13,281
43	49	95 607	7 052,567	95 831,914	13,588	13,120
44	50	95 278	6 614,836	88 779,347	13,421	12,953
45	51	94 919	6 202,302	82 164,511	13,247	12,779
46	52	94 516	5 812,660	75 962,208	13,068	12,600
47	53	94 078	5 445,384	70 149,548	12,882	12,414
48	54	93 588	5 098,355	64 704,164	12,691	12,223
49	55	93 046	4 770,688	59 605,809	12,494	12,026
50	56	92 446	4 461,099	54 835,122	12,292	11,823
51	57	91 788	4 168,770	50 374,023	12,084	11,615
52	58	91 068	3 892,796	46 205,253	11,869	11,401
53	59	90 265	3 631,507	42 312,457	11,651	11,183
54	60	89 381	3 384,420	38 680,950	11,429	10,961
55	61	88 404	3 150,504	35 296,530	11,203	10,735
56	62	87 369	2 930,461	32 146,026	10,970	10,501
57	63	86 245	2 722,597	29 215,564	10,731	10,262
58	64	85 031	2 526,377	26 492,967	10,487	10,018
59	65	83 699	2 340,516	23 966,590	10,240	9,772
60	66	82 260	2 164,975	21 626,074	9,989	9,521
61	67	80 723	1 999,543	19 461,098	9,733	9,264
62	68	79 062	1 843,200	17 461,555	9,473	9,005
63	69	77 305	1 696,234	15 618,355	9,208	8,739
64	70	75 443	1 557,990	13 922,121	8,936	8,468
65	71	73 460	1 427,799	12 364,130	8,660	8,191
66	72	71 362	1 305,443	10 936,331	8,377	7,909
67	73	69 184	1 191,154	9 630,888	8,085	7,617
68	74	66 890	1 083,913	8 439,734	7,786	7,318
69	75	64 516	983,946	7 355,822	7,476	7,007
70	76	61 980	889,664	6 371,875	7,162	6,694
71	77	59 269	800,705	5 482,211	6,847	6,378
72	78	56 409	717,246	4 681,506	6,527	6,059
73	79	53 391	638,930	3 964,260	6,205	5,736
74	80	50 172	565,092	3 325,330	5,885	5,416
75	81	46 753	495,611	2 760,238	5,569	5,101
76	82	43 172	430,729	2 264,627	5,258	4,789
77	83	39 455	370,492	1 833,898	4,950	4,482
78	84	35 631	314,896	1 463,406	4,647	4,179
79	85	31 699	263,666	1 148,510	4,356	3,888
80	86	27 722	217,022	884,844	4,077	3,609
81	87	23 777	175,194	667,822	3,812	3,344
82	88	19 949	138,343	492,628	3,561	3,093
83	89	16 338	106,636	354,285	3,322	2,854
84	90	12 995	79,827	247,649	3,102	2,634
85	91	10 017	57,915	167,822	2,898	2,429
86	92	7 444	40,507	109,907	2,713	2,245
87	93	5 322	27,256	69,400	2,546	2,078
88	94	3 649	17,589	42,144	2,396	1,928
89	95	2 379	10,793	24,555	2,275	1,807
90	96	1 496	6,389	13,762	2,154	1,686
91	97	897	3,604	7,373	2,046	1,577
92	98	517	1,956	3,769	1,927	1,458
93	99	279	0,993	1,813	1,826	1,357
94	100	141	0,473	0,820	1,733	1,265

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 651 417,441	16,577	16,108
1	8	99 266	93 426,379	1 551 793,696	16,610	16,141
2	9	99 232	87 901,314	1 458 367,317	16,591	16,123
3	10	99 210	82 712,393	1 370 466,003	16,569	16,101
4	11	99 192	77 832,323	1 287 753,610	16,545	16,077
5	12	99 173	73 240,000	1 209 921,286	16,520	16,052
6	13	99 156	68 919,816	1 136 681,286	16,493	16,024
7	14	99 137	64 853,422	1 067 761,471	16,464	15,996
8	15	99 118	61 026,971	1 002 908,049	16,434	15,965
9	16	99 098	57 425,285	941 881,078	16,402	15,933
10	17	99 076	54 035,356	884 455,792	16,368	15,900
11	18	99 054	50 845,448	830 420,437	16,332	15,864
12	19	99 025	47 840,522	779 574,988	16,295	15,827
13	20	98 998	45 014,155	731 734,467	16,256	15,787
14	21	98 970	42 354,368	686 720,312	16,214	15,745
15	22	98 942	39 851,521	644 365,944	16,169	15,701
16	23	98 910	37 495,187	604 514,424	16,122	15,654
17	24	98 863	35 272,843	567 019,237	16,075	15,607
18	25	98 817	33 182,608	531 746,394	16,025	15,556
19	26	98 761	31 212,897	498 563,786	15,973	15,505
20	27	98 700	29 358,864	467 350,889	15,919	15,450
21	28	98 634	27 613,384	437 992,025	15,862	15,393
22	29	98 565	25 970,966	410 378,641	15,801	15,333
23	30	98 496	24 425,916	384 407,675	15,738	15,269
24	31	98 421	22 971,717	359 981,759	15,671	15,202
25	32	98 342	21 603,090	337 010,042	15,600	15,132
26	33	98 261	20 315,485	315 406,952	15,525	15,057
27	34	98 179	19 104,592	295 091,467	15,446	14,978
28	35	98 089	17 964,275	275 986,875	15,363	14,895
29	36	97 999	16 892,043	258 022,599	15,275	14,806
30	37	97 897	15 881,840	241 130,556	15,183	14,714
31	38	97 795	14 932,128	225 248,716	15,085	14,616
32	39	97 671	14 035,868	210 316,589	14,984	14,516
33	40	97 544	13 193,111	196 280,720	14,878	14,409
34	41	97 409	12 399,807	183 087,609	14,765	14,297
35	42	97 256	11 652,113	170 687,802	14,649	14,180
36	43	97 089	10 947,867	159 035,689	14,527	14,058
37	44	96 916	10 285,468	148 087,822	14,398	13,929
38	45	96 726	9 661,505	137 802,354	14,263	13,795
39	46	96 517	9 073,537	128 140,849	14,122	13,654
40	47	96 290	8 519,648	119 067,312	13,976	13,507
41	48	96 031	7 996,935	110 547,664	13,824	13,355
42	49	95 750	7 504,535	102 550,730	13,665	13,197
43	50	95 434	7 039,792	95 046,195	13,501	13,033
44	51	95 090	6 601,800	88 006,403	13,331	12,862
45	52	94 710	6 188,603	81 404,603	13,154	12,686
46	53	94 284	5 798,389	75 216,000	12,972	12,504
47	54	93 821	5 430,501	69 417,611	12,783	12,315
48	55	93 306	5 083,011	63 987,110	12,588	12,120
49	56	92 738	4 754,880	58 904,100	12,388	11,920
50	57	92 112	4 444,954	54 149,219	12,182	11,714
51	58	91 421	4 152,127	49 704,265	11,971	11,502
52	59	90 666	3 875,627	45 552,138	11,753	11,285
53	60	89 829	3 613,967	41 676,511	11,532	11,064
54	61	88 899	3 366,174	38 062,544	11,307	10,839
55	62	87 909	3 132,877	34 696,370	11,075	10,607
56	63	86 838	2 912,654	31 563,493	10,837	10,368
57	64	85 677	2 704,670	28 650,839	10,593	10,125
58	65	84 411	2 507,967	25 946,169	10,345	9,877
59	66	83 028	2 321,764	23 438,202	10,095	9,627
60	67	81 542	2 146,063	21 116,438	9,840	9,371
61	68	79 940	1 980,159	18 970,375	9,580	9,112
62	69	78 254	1 824,372	16 990,216	9,313	8,845
63	70	76 442	1 677,284	15 165,844	9,042	8,574
64	71	74 523	1 539,009	13 488,560	8,764	8,296
65	72	72 476	1 408,680	11 949,551	8,483	8,014
66	73	70 334	1 286,632	10 540,871	8,193	7,724
67	74	68 113	1 172,712	9 254,239	7,891	7,423
68	75	65 746	1 065,369	8 081,527	7,586	7,117
69	76	63 286	965,185	7 016,158	7,269	6,801
70	77	60 627	870,246	6 050,974	6,953	6,485
71	78	57 820	781,126	5 180,727	6,632	6,164
72	79	54 824	697,091	4 399,601	6,311	5,843
73	80	51 633	617,894	3 702,510	5,992	5,524
74	81	48 245	543,388	3 084,616	5,677	5,208
75	82	44 693	473,773	2 541,228	5,364	4,895
76	83	40 999	409,045	2 067,455	5,054	4,586
77	84	37 164	348,973	1 658,409	4,752	4,284
78	85	33 236	293,728	1 309,436	4,458	3,990
79	86	29 251	243,305	1 015,708	4,175	3,706
80	87	25 257	197,727	772,402	3,906	3,438
81	88	21 371	157,466	574,675	3,650	3,181
82	89	17 659	122,458	417,209	3,407	2,939
83	90	14 199	92,676	294,751	3,180	2,712
84	91	11 073	68,018	202,076	2,971	2,503
85	92	8 341	48,224	134,058	2,780	2,312
86	93	6 048	32,910	85,834	2,608	2,140
87	94	4 209	21,554	52,924	2,455	1,987
88	95	2 791	13,452	31,370	2,332	1,864
89	96	1 787	8,105	17,918	2,211	1,742
90	97	1 093	4,667	9,813	2,102	1,634
91	98	648	2,606	5,145	1,975	1,506
92	99	360	1,360	2,540	1,868	1,399
93	100	187	0,665	1,180	1,775	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 650 230,967	16,565	16,097
1	9	99 259	93 420,595	1 550 612,132	16,598	16,130
2	10	99 226	87 895,627	1 457 191,538	16,579	16,110
3	11	99 205	82 707,492	1 369 295,911	16,556	16,088
4	12	99 184	77 826,526	1 286 588,419	16,531	16,063
5	13	99 165	73 234,205	1 208 761,893	16,505	16,037
6	14	99 147	68 913,908	1 135 527,688	16,477	16,009
7	15	99 127	64 846,617	1 066 613,780	16,448	15,980
8	16	99 106	61 019,337	1 001 767,163	16,417	15,949
9	17	99 084	57 417,183	940 747,827	16,384	15,916
10	18	99 061	54 027,444	883 330,644	16,350	15,881
11	19	99 033	50 835,094	829 303,200	16,314	15,845
12	20	99 006	47 831,287	778 468,106	16,275	15,807
13	21	98 979	45 005,819	730 636,819	16,234	15,766
14	22	98 954	42 347,355	685 631,000	16,191	15,722
15	23	98 924	39 844,625	643 283,644	16,145	15,676
16	24	98 888	37 487,051	603 439,019	16,097	15,629
17	25	98 846	35 266,862	565 951,968	16,048	15,579
18	26	98 799	33 176,421	530 685,107	15,996	15,527
19	27	98 741	31 206,823	497 508,686	15,942	15,474
20	28	98 679	29 352,451	466 301,863	15,886	15,418
21	29	98 610	27 606,498	436 949,412	15,828	15,359
22	30	98 540	25 964,246	409 342,914	15,766	15,297
23	31	98 466	24 418,663	383 378,668	15,700	15,232
24	32	98 390	22 964,385	358 960,006	15,631	15,163
25	33	98 308	21 595,593	335 995,621	15,559	15,090
26	34	98 226	20 308,252	314 400,028	15,481	15,013
27	35	98 141	19 097,120	294 091,776	15,400	14,931
28	36	98 049	17 957,045	274 994,656	15,314	14,846
29	37	97 953	16 884,123	257 037,611	15,224	14,755
30	38	97 852	15 874,531	240 153,488	15,128	14,660
31	39	97 738	14 923,382	224 278,957	15,029	14,560
32	40	97 613	14 027,507	209 355,575	14,925	14,456
33	41	97 478	13 184,157	195 328,068	14,815	14,347
34	42	97 335	12 390,348	182 143,911	14,700	14,232
35	43	97 176	11 642,444	169 753,563	14,581	14,112
36	44	97 002	10 938,015	158 111,119	14,455	13,987
37	45	96 817	10 274,976	147 173,104	14,323	13,855
38	46	96 619	9 650,762	136 898,128	14,185	13,717
39	47	96 395	9 062,016	127 247,366	14,042	13,573
40	48	96 152	8 507,435	118 185,350	13,892	13,424
41	49	95 877	7 984,143	109 677,916	13,737	13,269
42	50	95 577	7 490,941	101 693,772	13,576	13,107
43	51	95 246	7 025,919	94 202,832	13,408	12,940
44	52	94 880	6 587,218	87 176,913	13,234	12,766
45	53	94 477	6 173,408	80 589,695	13,054	12,586
46	54	94 026	5 782,541	74 416,287	12,869	12,401
47	55	93 539	5 414,157	68 633,746	12,677	12,208
48	56	92 997	5 066,169	63 219,589	12,479	12,010
49	57	92 402	4 737,673	58 153,420	12,275	11,806
50	58	91 744	4 427,209	53 415,747	12,065	11,597
51	59	91 018	4 133,814	48 988,538	11,851	11,382
52	60	90 229	3 856,908	44 854,724	11,630	11,161
53	61	89 345	3 594,484	40 997,816	11,406	10,937
54	62	88 402	3 347,340	37 403,333	11,174	10,706
55	63	87 375	3 113,840	34 055,992	10,937	10,469
56	64	86 266	2 893,476	30 942,153	10,694	10,225
57	65	85 053	2 684,960	28 048,677	10,447	9,978
58	66	83 735	2 487,873	25 363,717	10,195	9,727
59	67	82 303	2 301,482	22 875,844	9,940	9,471
60	68	80 751	2 125,259	20 574,362	9,681	9,213
61	69	79 124	1 959,932	18 449,104	9,413	8,945
62	70	77 380	1 803,990	16 489,172	9,140	8,672
63	71	75 510	1 656,848	14 685,181	8,863	8,395
64	72	73 526	1 518,401	13 028,333	8,580	8,112
65	73	71 432	1 388,382	11 509,932	8,290	7,822
66	74	69 245	1 266,712	10 121,550	7,990	7,522
67	75	66 948	1 152,649	8 854,839	7,682	7,214
68	76	64 492	1 045,055	7 702,190	7,370	6,902
69	77	61 905	944,119	6 657,135	7,051	6,583
70	78	59 145	848,967	5 713,017	6,729	6,261
71	79	56 195	759,176	4 864,049	6,407	5,939
72	80	53 019	674,141	4 104,873	6,089	5,621
73	81	49 650	594,162	3 430,732	5,774	5,306
74	82	46 119	519,445	2 836,570	5,461	4,992
75	83	42 443	449,923	2 317,125	5,150	4,682
76	84	38 617	385,287	1 867,203	4,846	4,378
77	85	34 666	325,515	1 481,916	4,553	4,084
78	86	30 669	271,046	1 156,400	4,266	3,798
79	87	26 650	221,674	885,354	3,994	3,526
80	88	22 701	177,719	663,681	3,734	3,266
81	89	18 917	139,385	485,961	3,486	3,018
82	90	15 347	106,426	346,577	3,257	2,788
83	91	12 099	78,966	240,151	3,041	2,573
84	92	9 220	56,636	161,185	2,846	2,378
85	93	6 777	39,179	104,549	2,669	2,200
86	94	4 783	26,025	65,370	2,512	2,043
87	95	3 219	16,485	39,345	2,387	1,918
88	96	2 096	10,102	22,860	2,263	1,795
89	97	1 305	5,921	12,758	2,155	1,686
90	98	790	3,374	6,837	2,026	1,558
91	99	451	1,812	3,463	1,911	1,443
92	100	241	0,910	1,651	1,814	1,345

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 648 952,897	16,554	16,085
1	10	99 253	93 414,550	1 549 340,230	16,586	16,117
2	11	99 220	87 890,418	1 455 925,680	16,565	16,097
3	12	99 197	82 701,332	1 368 035,262	16,542	16,074
4	13	99 177	77 820,369	1 285 333,930	16,517	16,048
5	14	99 157	73 227,928	1 207 513,562	16,490	16,021
6	15	99 137	68 906,676	1 134 285,634	16,461	15,993
7	16	99 114	64 838,504	1 065 378,958	16,431	15,963
8	17	99 092	61 010,727	1 000 540,453	16,399	15,931
9	18	99 069	57 408,776	939 529,727	16,366	15,897
10	19	99 041	54 016,442	882 120,951	16,331	15,862
11	20	99 014	50 825,282	828 104,509	16,293	15,825
12	21	98 987	47 822,430	777 279,228	16,253	15,785
13	22	98 963	44 998,368	729 456,797	16,211	15,742
14	23	98 936	42 340,027	684 458,429	16,166	15,697
15	24	98 903	39 835,979	642 118,402	16,119	15,651
16	25	98 871	37 480,694	602 282,423	16,069	15,601
17	26	98 827	35 260,286	564 801,728	16,018	15,550
18	27	98 779	33 169,966	529 541,443	15,964	15,496
19	28	98 720	31 200,007	496 371,477	15,909	15,441
20	29	98 654	29 345,131	465 171,470	15,852	15,383
21	30	98 584	27 599,353	435 826,339	15,791	15,323
22	31	98 511	25 956,536	408 226,986	15,727	15,259
23	32	98 435	24 410,868	382 270,450	15,660	15,191
24	33	98 355	22 956,415	357 859,581	15,589	15,120
25	34	98 273	21 587,904	334 903,167	15,513	15,045
26	35	98 187	20 300,309	313 315,262	15,434	14,966
27	36	98 101	19 089,434	293 014,954	15,350	14,881
28	37	98 003	17 948,626	273 925,520	15,262	14,793
29	38	97 908	16 876,353	255 976,894	15,168	14,699
30	39	97 795	15 865,234	239 100,541	15,071	14,602
31	40	97 680	14 914,493	223 235,307	14,968	14,499
32	41	97 546	14 017,987	208 320,815	14,861	14,393
33	42	97 404	13 174,099	194 302,828	14,749	14,280
34	43	97 254	12 380,066	181 128,729	14,631	14,162
35	44	97 088	11 631,967	168 748,663	14,507	14,039
36	45	96 903	10 926,857	157 116,696	14,379	13,911
37	46	96 709	10 263,551	146 189,839	14,244	13,775
38	47	96 496	9 638,508	135 926,288	14,102	13,634
39	48	96 257	9 049,025	126 287,780	13,956	13,488
40	49	95 998	8 493,826	117 238,755	13,803	13,334
41	50	95 703	7 969,680	108 744,928	13,645	13,176
42	51	95 388	7 476,178	100 775,248	13,480	13,011
43	52	95 036	7 010,400	93 299,070	13,309	12,840
44	53	94 647	6 571,045	86 288,670	13,132	12,663
45	54	94 219	6 156,535	79 717,625	12,948	12,480
46	55	93 743	5 765,137	73 561,090	12,760	12,291
47	56	93 229	5 396,218	67 795,952	12,564	12,095
48	57	92 660	5 047,835	62 399,734	12,362	11,893
49	58	92 033	4 718,759	57 351,900	12,154	11,686
50	59	91 339	4 407,683	52 633,141	11,941	11,473
51	60	90 578	4 113,848	48 225,458	11,723	11,254
52	61	89 742	3 836,115	44 111,610	11,499	11,031
53	62	88 845	3 574,372	40 275,495	11,268	10,799
54	63	87 865	3 327,000	36 701,123	11,031	10,563
55	64	86 800	3 093,337	33 374,124	10,789	10,321
56	65	85 637	2 872,390	30 280,787	10,542	10,074
57	66	84 371	2 663,448	27 408,397	10,291	9,822
58	67	83 003	2 466,140	24 744,949	10,034	9,566
59	68	81 505	2 279,170	22 278,809	9,775	9,307
60	69	79 926	2 103,549	19 999,638	9,508	9,039
61	70	78 240	1 938,035	17 896,089	9,234	8,766
62	71	76 437	1 782,011	15 958,054	8,955	8,487
63	72	74 499	1 634,663	14 176,042	8,672	8,204
64	73	72 466	1 496,522	12 541,380	8,380	7,912
65	74	70 326	1 366,886	11 044,858	8,080	7,612
66	75	68 060	1 245,040	9 677,972	7,773	7,305
67	76	65 671	1 130,671	8 432,932	7,458	6,990
68	77	63 085	1 022,245	7 302,261	7,143	6,675
69	78	60 391	921,033	6 280,016	6,818	6,350
70	79	57 483	825,111	5 358,983	6,495	6,027
71	80	54 345	734,182	4 533,872	6,175	5,707
72	81	50 983	648,248	3 799,690	5,861	5,393
73	82	47 462	567,982	3 151,442	5,548	5,080
74	83	43 797	493,295	2 583,460	5,237	4,769
75	84	39 978	423,790	2 090,165	4,932	4,464
76	85	36 022	359,388	1 666,375	4,637	4,168
77	86	31 989	300,378	1 306,987	4,351	3,883
78	87	27 942	246,948	1 006,608	4,076	3,608
79	88	23 953	199,243	759,660	3,813	3,344
80	89	20 095	157,313	560,418	3,562	3,094
81	90	16 441	121,137	403,105	3,328	2,859
82	91	13 076	90,681	281,968	3,109	2,641
83	92	10 074	65,752	191,287	2,909	2,441
84	93	7 491	46,014	125,535	2,728	2,260
85	94	5 359	30,983	79,521	2,567	2,098
86	95	3 658	19,905	48,539	2,439	1,970
87	96	2 417	12,380	28,634	2,313	1,845
88	97	1 531	7,380	16,254	2,203	1,734
89	98	944	4,281	8,874	2,073	1,605
90	99	549	2,346	4,594	1,958	1,490
91	100	302	1,213	2,248	1,854	1,385

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 647 578,585	16,541	16,073
1	11	99 247	93 409,014	1 547 972,364	16,572	16,104
2	12	99 213	87 883,872	1 454 563,349	16,551	16,083
3	13	99 189	82 694,789	1 366 679,478	16,527	16,058
4	14	99 168	77 813,698	1 283 984,689	16,501	16,032
5	15	99 146	73 220,243	1 206 170,991	16,473	16,005
6	16	99 124	68 898,056	1 132 950,747	16,444	15,976
7	17	99 100	64 829,355	1 064 052,691	16,413	15,945
8	18	99 077	61 001,793	999 223,336	16,380	15,912
9	19	99 049	57 397,085	938 221,542	16,346	15,878
10	20	99 022	54 006,015	880 824,458	16,310	15,841
11	21	98 996	50 815,870	826 818,442	16,271	15,803
12	22	98 971	47 814,513	776 002,572	16,229	15,761
13	23	98 946	44 990,582	728 188,059	16,185	15,717
14	24	98 915	42 330,840	683 197,477	16,139	15,671
15	25	98 886	39 829,224	640 866,637	16,090	15,622
16	26	98 853	37 473,706	601 037,413	16,039	15,571
17	27	98 808	35 253,425	563 563,707	15,986	15,518
18	28	98 758	33 162,720	528 310,282	15,931	15,462
19	29	98 695	31 192,226	495 147,562	15,874	15,406
20	30	98 628	29 337,537	463 955,336	15,814	15,346
21	31	98 555	27 591,158	434 617,800	15,752	15,284
22	32	98 479	25 948,251	407 026,641	15,686	15,218
23	33	98 401	24 402,397	381 078,390	15,616	15,148
24	34	98 320	22 948,241	356 675,994	15,543	15,074
25	35	98 235	21 579,461	333 727,752	15,465	14,997
26	36	98 148	20 292,138	312 148,292	15,383	14,914
27	37	98 055	19 080,484	291 856,153	15,296	14,828
28	38	97 958	17 940,366	272 775,670	15,205	14,736
29	39	97 851	16 866,469	254 835,304	15,109	14,641
30	40	97 736	15 855,783	237 968,835	15,008	14,540
31	41	97 614	14 904,370	222 113,052	14,903	14,434
32	42	97 472	14 007,293	207 208,682	14,793	14,325
33	43	97 323	13 163,167	193 201,389	14,677	14,209
34	44	97 166	12 368,925	180 038,222	14,556	14,087
35	45	96 989	11 620,102	167 669,297	14,429	13,961
36	46	96 795	10 914,707	156 049,195	14,297	13,829
37	47	96 587	10 250,519	145 134,488	14,159	13,690
38	48	96 358	9 624,690	134 883,969	14,014	13,546
39	49	96 103	9 034,551	125 259,279	13,864	13,396
40	50	95 824	8 478,440	116 224,728	13,708	13,240
41	51	95 515	7 953,975	107 746,288	13,546	13,078
42	52	95 178	7 459,665	99 792,313	13,378	12,909
43	53	94 802	6 993,187	92 332,648	13,203	12,735
44	54	94 389	6 553,085	85 339,461	13,023	12,554
45	55	93 935	6 138,006	78 786,375	12,836	12,367
46	56	93 433	5 746,035	72 648,369	12,643	12,175
47	57	92 891	5 376,689	66 902,334	12,443	11,975
48	58	92 290	5 027,682	61 525,644	12,237	11,769
49	59	91 628	4 697,947	56 497,962	12,026	11,558
50	60	90 898	4 386,393	51 800,015	11,809	11,341
51	61	90 090	4 091,670	47 413,622	11,588	11,119
52	62	89 240	3 814,651	43 321,952	11,357	10,888
53	63	88 305	3 552,652	39 507,300	11,121	10,652
54	64	87 286	3 305,093	35 954,649	10,879	10,410
55	65	86 167	3 070,795	32 649,555	10,632	10,164
56	66	84 951	2 849,376	29 578,761	10,381	9,912
57	67	83 634	2 640,182	26 729,385	10,124	9,656
58	68	82 199	2 442,232	24 089,203	9,864	9,395
59	69	80 672	2 255,889	21 646,971	9,596	9,127
60	70	79 033	2 080,048	19 391,081	9,322	8,854
61	71	77 286	1 914,423	17 311,033	9,042	8,574
62	72	75 414	1 758,150	15 396,610	8,757	8,289
63	73	73 426	1 611,108	13 638,461	8,465	7,997
64	74	71 344	1 473,351	12 027,352	8,163	7,695
65	75	69 122	1 343,501	10 554,001	7,856	7,387
66	76	66 762	1 221,300	9 210,500	7,542	7,073
67	77	64 238	1 105,992	7 989,200	7,224	6,755
68	78	61 542	997,249	6 883,208	6,902	6,434
69	79	58 694	895,152	5 885,958	6,575	6,107
70	80	55 590	797,946	4 990,806	6,255	5,786
71	81	52 258	705,983	4 192,861	5,939	5,471
72	82	48 737	619,685	3 486,877	5,627	5,159
73	83	45 073	539,389	2 867,192	5,316	4,847
74	84	41 254	464,644	2 327,804	5,010	4,542
75	85	37 291	395,303	1 863,160	4,713	4,245
76	86	33 240	331,636	1 467,857	4,426	3,958
77	87	29 145	273,672	1 136,222	4,152	3,683
78	88	25 115	221,959	862,549	3,886	3,418
79	89	21 203	176,365	640,590	3,632	3,164
80	90	17 464	136,718	464,226	3,396	2,927
81	91	14 009	103,216	327,508	3,173	2,705
82	92	10 888	75,507	224,292	2,970	2,502
83	93	8 185	53,420	148,785	2,785	2,317
84	94	5 924	36,388	95,365	2,621	2,152
85	95	4 099	23,696	58,977	2,489	2,021
86	96	2 747	14,948	35,281	2,360	1,892
87	97	1 766	9,044	20,333	2,248	1,780
88	98	1 107	5,335	11,290	2,116	1,648
89	99	656	2,976	5,954	2,001	1,532
90	100	368	1,571	2,978	1,896	1,428

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 646 102,133	16,527	16,059
1	12	99 240	93 402,057	1 546 501,814	16,557	16,089
2	13	99 205	87 876,919	1 453 099,757	16,536	16,067
3	14	99 181	82 687,700	1 365 222,838	16,511	16,042
4	15	99 158	77 805,533	1 282 535,138	16,484	16,016
5	16	99 134	73 211,083	1 204 729,605	16,456	15,987
6	17	99 110	68 888,334	1 131 518,521	16,425	15,957
7	18	99 086	64 819,863	1 062 630,187	16,394	15,925
8	19	99 057	60 989,371	997 810,324	16,360	15,892
9	20	99 030	57 386,006	936 820,953	16,325	15,857
10	21	99 004	53 996,015	879 434,947	16,287	15,819
11	22	98 980	50 807,457	825 438,932	16,246	15,778
12	23	98 954	47 806,239	774 631,475	16,204	15,735
13	24	98 924	44 980,819	726 825,236	16,159	15,690
14	25	98 898	42 323,662	681 844,416	16,110	15,642
15	26	98 868	39 821,797	639 520,754	16,060	15,591
16	27	98 834	37 466,414	599 698,957	16,006	15,538
17	28	98 787	35 245,725	562 232,543	15,952	15,483
18	29	98 733	33 154,450	526 986,818	15,895	15,427
19	30	98 670	31 184,154	493 832,368	15,836	15,368
20	31	98 599	29 328,825	462 648,214	15,775	15,306
21	32	98 523	27 582,351	433 319,389	15,710	15,242
22	33	98 445	25 939,246	405 737,037	15,642	15,173
23	34	98 366	24 393,708	379 797,792	15,569	15,101
24	35	98 282	22 939,266	355 404,084	15,493	15,025
25	36	98 195	21 570,775	332 464,818	15,413	14,944
26	37	98 102	20 282,624	310 894,042	15,328	14,860
27	38	98 010	19 071,702	290 611,418	15,238	14,769
28	39	97 901	17 929,859	271 539,715	15,145	14,676
29	40	97 792	16 856,421	253 609,857	15,045	14,577
30	41	97 670	15 845,022	236 753,436	14,942	14,473
31	42	97 539	14 893,000	220 908,414	14,833	14,365
32	43	97 391	13 995,669	206 015,414	14,720	14,252
33	44	97 235	13 151,321	192 019,744	14,601	14,132
34	45	97 067	12 356,308	178 868,423	14,476	14,008
35	46	96 881	11 607,181	166 512,115	14,346	13,877
36	47	96 672	10 900,848	154 904,934	14,210	13,742
37	48	96 448	10 235,824	144 004,086	14,069	13,600
38	49	96 204	9 609,295	133 768,261	13,921	13,452
39	50	95 929	9 018,185	124 158,966	13,768	13,299
40	51	95 635	8 461,732	115 140,781	13,607	13,139
41	52	95 304	7 936,406	106 679,049	13,442	12,973
42	53	94 944	7 441,349	98 742,643	13,269	12,801
43	54	94 543	6 974,074	91 301,294	13,092	12,623
44	55	94 104	6 533,363	84 327,219	12,907	12,439
45	56	93 624	6 117,669	77 793,857	12,716	12,248
46	57	93 095	5 725,241	71 676,188	12,519	12,051
47	58	92 520	5 355,224	65 950,947	12,315	11,847
48	59	91 883	5 005,508	60 595,723	12,106	11,637
49	60	91 185	4 675,255	55 590,215	11,890	11,422
50	61	90 408	4 362,746	50 914,960	11,670	11,202
51	62	89 586	4 068,777	46 552,213	11,441	10,973
52	63	88 698	3 791,471	42 483,437	11,205	10,737
53	64	87 724	3 529,260	38 691,966	10,963	10,495
54	65	86 650	3 281,008	35 162,706	10,717	10,249
55	66	85 477	3 046,191	31 881,698	10,466	9,998
56	67	84 209	2 824,485	28 835,507	10,209	9,741
57	68	82 823	2 614,587	26 011,021	9,948	9,480
58	69	81 359	2 417,285	23 396,435	9,679	9,210
59	70	79 771	2 230,686	20 979,149	9,405	8,936
60	71	78 070	2 054,706	18 748,463	9,125	8,656
61	72	76 252	1 888,788	16 693,757	8,838	8,370
62	73	74 327	1 732,816	14 804,969	8,544	8,076
63	74	72 289	1 586,164	13 072,153	8,241	7,773
64	75	70 124	1 448,145	11 485,990	7,932	7,463
65	76	67 804	1 317,884	10 037,845	7,617	7,148
66	77	65 305	1 194,644	8 719,962	7,299	6,831
67	78	62 667	1 078,949	7 525,317	6,975	6,506
68	79	59 813	969,226	6 446,368	6,651	6,183
69	80	56 762	865,681	5 477,142	6,327	5,859
70	81	53 455	767,298	4 611,461	6,010	5,542
71	82	49 955	674,876	3 844,163	5,696	5,228
72	83	46 283	588,489	3 169,287	5,385	4,917
73	84	42 455	508,060	2 580,798	5,080	4,611
74	85	38 480	433,410	2 072,738	4,782	4,314
75	86	34 411	364,777	1 639,329	4,494	4,026
76	87	30 285	302,151	1 274,552	4,218	3,750
77	88	26 196	245,980	972,401	3,953	3,485
78	89	22 231	196,473	726,422	3,697	3,229
79	90	18 427	153,275	529,949	3,457	2,989
80	91	14 880	116,492	376,674	3,233	2,765
81	92	11 664	85,945	260,182	3,027	2,559
82	93	8 846	61,345	174,237	2,840	2,372
83	94	6 472	42,244	112,892	2,672	2,204
84	95	4 531	27,830	70,648	2,539	2,070
85	96	3 078	17,795	42,817	2,406	1,938
86	97	2 007	10,920	25,022	2,292	1,823
87	98	1 277	6,538	14,103	2,157	1,689
88	99	770	3,709	7,565	2,039	1,571
89	100	439	1,992	3,855	1,935	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 644 516,460	16,512	16,044
1	13	99 232	93 394,667	1 544 923,559	16,542	16,074
2	14	99 196	87 869,386	1 451 528,891	16,519	16,051
3	15	99 170	82 679,023	1 363 659,505	16,493	16,025
4	16	99 145	77 795,799	1 280 980,482	16,466	15,998
5	17	99 120	73 200,753	1 203 184,683	16,437	15,968
6	18	99 096	68 878,248	1 129 983,929	16,406	15,937
7	19	99 065	64 806,663	1 061 105,682	16,373	15,905
8	20	99 038	60 977,599	996 299,018	16,339	15,870
9	21	99 012	57 375,380	935 321,420	16,302	15,833
10	22	98 987	53 987,076	877 946,040	16,262	15,794
11	23	98 962	50 798,665	823 958,965	16,220	15,752
12	24	98 932	47 795,866	773 160,299	16,176	15,708
13	25	98 908	44 973,192	725 364,434	16,129	15,660
14	26	98 880	42 315,771	680 391,242	16,079	15,611
15	27	98 849	39 814,049	638 075,471	16,026	15,558
16	28	98 812	37 458,230	598 261,422	15,971	15,503
17	29	98 762	35 236,935	560 803,191	15,915	15,447
18	30	98 708	33 145,870	525 566,257	15,856	15,388
19	31	98 640	31 174,894	492 420,387	15,795	15,327
20	32	98 568	29 319,464	461 245,493	15,732	15,263
21	33	98 489	27 572,779	431 926,029	15,665	15,197
22	34	98 410	25 930,010	404 353,250	15,594	15,126
23	35	98 327	24 384,168	378 423,240	15,519	15,051
24	36	98 242	22 930,033	354 039,072	15,440	14,972
25	37	98 149	21 560,662	331 109,039	15,357	14,889
26	38	98 057	20 273,290	309 548,377	15,269	14,800
27	39	97 953	19 060,533	289 275,087	15,177	14,708
28	40	97 843	17 919,178	270 214,554	15,080	14,611
29	41	97 726	16 844,981	252 295,377	14,977	14,509
30	42	97 595	15 832,934	235 450,396	14,871	14,403
31	43	97 458	14 880,642	219 617,461	14,759	14,290
32	44	97 304	13 983,074	204 736,820	14,642	14,173
33	45	97 136	13 137,906	190 753,745	14,519	14,051
34	46	96 959	12 342,569	177 615,839	14,391	13,922
35	47	96 758	11 592,443	165 273,271	14,257	13,789
36	48	96 534	10 885,222	153 680,828	14,118	13,650
37	49	96 294	10 219,451	142 795,606	13,973	13,505
38	50	96 029	9 591,888	132 576,155	13,822	13,353
39	51	95 739	9 000,413	122 984,267	13,664	13,196
40	52	95 424	8 443,042	113 983,853	13,500	13,032
41	53	95 070	7 916,920	105 540,811	13,331	12,863
42	54	94 684	7 421,011	97 623,891	13,155	12,687
43	55	94 259	6 953,085	90 202,880	12,973	12,505
44	56	93 793	6 511,715	83 249,796	12,785	12,316
45	57	93 285	6 095,530	76 738,080	12,589	12,121
46	58	92 723	5 702,384	70 642,551	12,388	11,920
47	59	92 112	5 331,605	64 940,167	12,180	11,712
48	60	91 440	4 981,331	59 608,562	11,966	11,498
49	61	90 693	4 650,051	54 627,231	11,748	11,279
50	62	89 902	4 338,336	49 977,180	11,520	11,052
51	63	89 042	4 044,052	45 638,843	11,285	10,817
52	64	88 114	3 766,507	41 594,791	11,043	10,575
53	65	87 085	3 503,541	37 828,285	10,797	10,329
54	66	85 956	3 254,720	34 324,744	10,546	10,078
55	67	84 730	3 019,581	31 070,024	10,290	9,821
56	68	83 393	2 797,104	28 050,443	10,028	9,560
57	69	81 977	2 587,879	25 253,339	9,758	9,290
58	70	80 450	2 390,279	22 665,460	9,482	9,014
59	71	78 799	2 203,508	20 275,181	9,201	8,733
60	72	77 025	2 027,193	18 071,672	8,915	8,446
61	73	75 153	1 861,572	16 044,480	8,619	8,150
62	74	73 176	1 705,987	14 182,908	8,314	7,845
63	75	71 052	1 559,027	12 476,921	8,003	7,535
64	76	68 786	1 420,532	10 917,894	7,686	7,217
65	77	66 325	1 289,119	9 497,362	7,367	6,899
66	78	63 708	1 165,433	8 208,242	7,043	6,575
67	79	60 906	1 048,630	7 042,809	6,716	6,248
68	80	57 843	937,316	5 994,179	6,395	5,927
69	81	54 581	832,432	5 056,863	6,075	5,606
70	82	51 100	733,489	4 224,431	5,759	5,291
71	83	47 440	640,902	3 490,942	5,447	4,979
72	84	43 595	554,308	2 850,041	5,142	4,673
73	85	39 601	473,908	2 295,732	4,844	4,376
74	86	35 509	399,941	1 821,825	4,555	4,087
75	87	31 352	332,345	1 421,883	4,278	3,810
76	88	27 220	271,576	1 089,538	4,012	3,544
77	89	23 188	217,735	817,962	3,757	3,288
78	90	19 321	170,751	600,227	3,515	3,047
79	91	15 701	130,600	429,476	3,288	2,820
80	92	12 390	96,999	298,876	3,081	2,613
81	93	9 477	69,825	201,877	2,891	2,423
82	94	6 996	48,512	132,052	2,722	2,254
83	95	4 950	32,310	83,540	2,586	2,117
84	96	3 402	20,900	51,231	2,451	1,983
85	97	2 248	13,000	30,331	2,333	1,865
86	98	1 451	7,894	17,332	2,195	1,727
87	99	888	4,546	9,437	2,076	1,608
88	100	515	2,483	4,892	1,970	1,501

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 642 816,291	16,497	16,028
1	14	99 223	93 386,662	1 543 231,269	16,525	16,057
2	15	99 186	87 860,166	1 449 844,608	16,502	16,033
3	16	99 158	82 668,680	1 361 984,442	16,475	16,007
4	17	99 131	77 784,822	1 279 315,762	16,447	15,979
5	18	99 105	73 190,035	1 201 530,940	16,417	15,948
6	19	99 076	68 864,221	1 128 340,905	16,385	15,917
7	20	99 046	64 794,154	1 059 476,684	16,351	15,883
8	21	99 020	60 966,307	994 682,530	16,315	15,847
9	22	98 995	57 365,881	933 716,222	16,277	15,808
10	23	98 970	53 977,733	876 350,342	16,235	15,767
11	24	98 941	50 787,643	822 372,608	16,192	15,724
12	25	98 915	47 787,761	771 584,966	16,146	15,678
13	26	98 889	44 964,806	723 797,205	16,097	15,629
14	27	98 861	42 307,537	678 832,398	16,045	15,577
15	28	98 827	39 805,353	636 524,861	15,991	15,523
16	29	98 787	37 448,889	596 719,509	15,934	15,466
17	30	98 736	35 227,816	559 270,620	15,876	15,407
18	31	98 678	33 136,028	524 042,804	15,815	15,347
19	32	98 609	31 164,943	490 906,776	15,752	15,284
20	33	98 534	29 309,289	459 741,833	15,686	15,218
21	34	98 454	27 562,962	430 432,544	15,616	15,148
22	35	98 372	25 919,868	402 869,582	15,543	15,075
23	36	98 288	24 374,353	376 949,714	15,465	14,997
24	37	98 196	22 919,283	352 575,361	15,383	14,915
25	38	98 104	21 550,739	329 656,078	15,297	14,828
26	39	97 999	20 261,417	308 105,339	15,207	14,738
27	40	97 894	19 049,179	287 843,922	15,111	14,642
28	41	97 776	17 907,016	268 794,744	15,011	14,542
29	42	97 651	16 832,131	250 887,728	14,905	14,437
30	43	97 514	15 819,796	234 055,597	14,795	14,327
31	44	97 371	14 867,250	218 235,801	14,679	14,211
32	45	97 204	13 968,811	203 368,551	14,559	14,090
33	46	97 028	13 123,298	189 399,740	14,432	13,964
34	47	96 836	12 326,897	176 276,443	14,300	13,832
35	48	96 619	11 575,824	163 949,546	14,163	13,695
36	49	96 379	10 867,810	152 373,721	14,021	13,552
37	50	96 119	10 200,939	141 505,912	13,872	13,403
38	51	95 840	9 572,986	131 304,972	13,716	13,248
39	52	95 528	8 980,533	121 731,986	13,555	13,087
40	53	95 189	8 422,312	112 751,453	13,387	12,919
41	54	94 810	7 895,282	104 329,141	13,214	12,746
42	55	94 399	7 398,677	96 433,859	13,034	12,566
43	56	93 946	6 930,046	89 035,183	12,848	12,379
44	57	93 453	6 488,150	82 105,136	12,655	12,186
45	58	92 913	6 071,194	75 616,986	12,455	11,987
46	59	92 314	5 677,234	69 545,792	12,250	11,782
47	60	91 667	5 305,853	63 868,558	12,037	11,569
48	61	90 947	4 954,476	58 562,705	11,820	11,352
49	62	90 186	4 624,034	53 608,229	11,593	11,125
50	63	89 356	4 311,974	48 984,195	11,360	10,892
51	64	88 455	4 017,424	44 672,221	11,120	10,651
52	65	87 472	3 739,059	40 654,797	10,873	10,405
53	66	86 387	3 475,470	36 915,738	10,622	10,153
54	67	85 205	3 226,289	33 440,268	10,365	9,897
55	68	83 909	2 990,308	30 213,980	10,104	9,636
56	69	82 541	2 768,532	27 223,671	9,833	9,365
57	70	81 061	2 558,967	24 455,140	9,557	9,088
58	71	79 470	2 361,157	21 896,173	9,273	8,805
59	72	77 744	2 174,003	19 535,016	8,986	8,517
60	73	75 915	1 997,982	17 361,013	8,689	8,221
61	74	73 989	1 832,750	15 363,031	8,383	7,914
62	75	71 924	1 676,800	13 530,281	8,069	7,601
63	76	69 697	1 529,300	11 853,481	7,751	7,283
64	77	67 285	1 389,527	10 324,181	7,430	6,962
65	78	64 703	1 257,598	8 934,653	7,105	6,636
66	79	61 918	1 132,684	7 677,055	6,778	6,309
67	80	58 901	1 014,106	6 544,371	6,453	5,985
68	81	55 622	901,316	5 530,265	6,136	5,667
69	82	52 176	795,752	4 628,950	5,817	5,349
70	83	48 527	696,564	3 833,197	5,503	5,035
71	84	44 685	603,677	3 136,633	5,196	4,728
72	85	40 664	517,047	2 532,956	4,899	4,431
73	86	36 543	437,312	2 015,909	4,610	4,141
74	87	32 352	364,383	1 578,597	4,332	3,864
75	88	28 179	298,715	1 214,214	4,065	3,596
76	89	24 095	240,392	915,498	3,808	3,340
77	90	20 152	189,229	675,106	3,568	3,099
78	91	16 462	145,491	485,876	3,340	2,871
79	92	13 074	108,746	340,386	3,130	2,662
80	93	10 066	78,806	231,640	2,939	2,471
81	94	7 494	55,218	152,834	2,768	2,299
82	95	5 350	37,103	97,616	2,631	2,163
83	96	3 718	24,263	60,513	2,494	2,026
84	97	2 485	15,267	36,250	2,374	1,906
85	98	1 626	9,398	20,982	2,233	1,764
86	99	1 009	5,489	11,584	2,111	1,642
87	100	594	3,043	6,095	2,003	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 640 994,950	16,480	16,011
1	15	99 213	93 376,862	1 541 418,464	16,507	16,039
2	16	99 173	87 849,174	1 448 041,602	16,483	16,015
3	17	99 144	82 657,015	1 360 192,428	16,456	15,988
4	18	99 117	77 773,433	1 277 535,413	16,426	15,958
5	19	99 085	73 175,131	1 199 761,980	16,396	15,927
6	20	99 057	68 850,929	1 126 586,849	16,363	15,894
7	21	99 028	64 782,156	1 057 735,921	16,328	15,859
8	22	99 003	60 956,214	992 953,764	16,290	15,821
9	23	98 978	57 355,954	931 997,550	16,249	15,781
10	24	98 949	53 966,021	874 641,597	16,207	15,739
11	25	98 924	50 779,031	820 675,576	16,162	15,693
12	26	98 897	47 778,850	769 896,545	16,114	15,645
13	27	98 870	44 956,057	722 117,695	16,063	15,594
14	28	98 839	42 298,296	677 161,637	16,009	15,541
15	29	98 802	39 795,425	634 863,341	15,953	15,485
16	30	98 762	37 439,198	595 067,916	15,894	15,426
17	31	98 707	35 217,356	557 628,718	15,834	15,366
18	32	98 647	33 125,451	522 411,363	15,771	15,302
19	33	98 575	31 154,128	489 285,912	15,705	15,237
20	34	98 498	29 298,853	458 131,784	15,637	15,168
21	35	98 416	27 552,181	428 832,931	15,564	15,096
22	36	98 332	25 909,436	401 280,749	15,488	15,019
23	37	98 242	24 362,926	375 371,313	15,407	14,939
24	38	98 151	22 908,735	351 008,388	15,322	14,854
25	39	98 046	21 538,118	328 099,653	15,233	14,765
26	40	97 941	20 249,347	306 561,535	15,139	14,671
27	41	97 828	19 036,250	286 312,189	15,040	14,572
28	42	97 702	17 893,355	267 275,939	14,937	14,469
29	43	97 570	16 818,163	249 382,583	14,828	14,360
30	44	97 427	15 805,559	232 564,420	14,714	14,246
31	45	97 271	14 852,085	216 758,861	14,595	14,126
32	46	97 096	13 953,278	201 906,776	14,470	14,002
33	47	96 905	13 106,634	187 953,498	14,340	13,872
34	48	96 697	12 309,226	174 846,863	14,205	13,736
35	49	96 465	11 557,308	162 537,638	14,064	13,595
36	50	96 205	10 848,123	150 980,330	13,918	13,449
37	51	95 930	10 180,837	140 132,206	13,764	13,296
38	52	95 628	9 551,841	129 951,370	13,605	13,136
39	53	95 293	8 958,483	120 399,528	13,440	12,971
40	54	94 929	8 399,292	111 441,045	13,268	12,800
41	55	94 525	7 871,520	103 041,753	13,090	12,622
42	56	94 087	7 374,162	95 170,233	12,906	12,438
43	57	93 606	6 904,967	87 796,071	12,715	12,247
44	58	93 080	6 462,248	80 891,103	12,517	12,049
45	59	92 503	6 044,417	74 428,856	12,314	11,845
46	60	91 868	5 649,813	68 384,439	12,104	11,635
47	61	91 173	5 277,249	62 734,626	11,888	11,419
48	62	90 438	4 926,756	57 457,377	11,662	11,194
49	63	89 638	4 595,935	52 530,621	11,430	10,961
50	64	88 768	4 283,582	47 934,686	11,190	10,722
51	65	87 811	3 988,148	43 651,104	10,945	10,477
52	66	86 771	3 709,101	39 662,956	10,693	10,225
53	67	85 632	3 445,110	35 953,856	10,436	9,968
54	68	84 379	3 195,012	32 508,745	10,175	9,706
55	69	83 052	2 959,763	29 313,734	9,904	9,436
56	70	81 619	2 737,601	26 353,971	9,627	9,158
57	71	80 074	2 527,790	23 616,370	9,343	8,874
58	72	78 406	2 329,540	21 088,580	9,053	8,584
59	73	76 624	2 142,677	18 759,040	8,755	8,287
60	74	74 740	1 967,048	16 616,363	8,447	7,979
61	75	72 723	1 801,394	14 649,315	8,132	7,664
62	76	70 553	1 644,828	12 847,921	7,811	7,343
63	77	68 176	1 495,922	11 203,093	7,489	7,021
64	78	65 640	1 355,551	9 707,171	7,161	6,693
65	79	62 885	1 222,259	8 351,620	6,833	6,365
66	80	59 880	1 095,392	7 129,361	6,509	6,040
67	81	56 639	975,156	6 033,969	6,188	5,719
68	82	53 171	861,602	5 058,813	5,871	5,403
69	83	49 550	755,693	4 197,211	5,554	5,086
70	84	45 709	656,106	3 441,518	5,245	4,777
71	85	41 681	563,097	2 785,412	4,947	4,478
72	86	37 524	477,120	2 222,315	4,658	4,189
73	87	33 294	398,432	1 745,195	4,380	3,912
74	88	29 078	327,512	1 346,763	4,112	3,644
75	89	24 943	264,415	1 019,252	3,855	3,386
76	90	20 940	208,921	754,836	3,613	3,145
77	91	17 171	161,235	545,916	3,386	2,917
78	92	13 708	121,145	384,680	3,175	2,707
79	93	10 622	88,350	263,535	2,983	2,515
80	94	7 961	62,320	175,185	2,811	2,343
81	95	5 732	42,232	112,866	2,673	2,204
82	96	4 018	27,863	70,634	2,535	2,067
83	97	2 716	17,725	42,770	2,413	1,945
84	98	1 797	11,038	25,046	2,269	1,801
85	99	1 130	6,534	14,008	2,144	1,675
86	100	675	3,674	7,474	2,034	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 639 045,584	16,462	15,994
1	16	99 201	93 365,180	1 539 479,548	16,489	16,020
2	17	99 159	87 836,778	1 446 114,368	16,464	15,995
3	18	99 130	82 644,913	1 358 277,589	16,435	15,967
4	19	99 097	77 757,595	1 275 632,677	16,405	15,937
5	20	99 066	73 161,006	1 197 875,082	16,373	15,905
6	21	99 038	68 838,180	1 124 714,076	16,339	15,870
7	22	99 012	64 771,431	1 055 875,896	16,302	15,833
8	23	98 986	60 945,666	991 104,465	16,262	15,794
9	24	98 957	57 343,508	930 158,799	16,221	15,752
10	25	98 932	53 956,870	872 815,291	16,176	15,708
11	26	98 906	50 769,562	818 858,421	16,129	15,661
12	27	98 878	47 769,554	768 088,858	16,079	15,611
13	28	98 848	44 946,238	720 319,304	16,026	15,558
14	29	98 814	42 287,747	675 373,067	15,971	15,503
15	30	98 777	39 785,127	633 085,320	15,913	15,444
16	31	98 733	37 428,081	593 300,193	15,852	15,383
17	32	98 676	35 206,115	555 872,112	15,789	15,321
18	33	98 612	33 113,955	520 665,998	15,723	15,255
19	34	98 540	31 143,035	487 552,043	15,655	15,187
20	35	98 460	29 287,394	456 409,007	15,584	15,115
21	36	98 376	27 541,092	427 121,613	15,509	15,040
22	37	98 286	25 897,288	399 580,521	15,429	14,961
23	38	98 196	24 351,713	373 683,233	15,345	14,877
24	39	98 094	22 895,318	349 331,520	15,258	14,789
25	40	97 988	21 525,288	326 436,202	15,165	14,697
26	41	97 874	20 235,604	304 910,914	15,068	14,600
27	42	97 753	19 021,728	284 675,311	14,966	14,497
28	43	97 621	17 878,507	265 653,583	14,859	14,390
29	44	97 483	16 803,028	247 775,075	14,746	14,278
30	45	97 327	15 789,437	230 972,048	14,628	14,160
31	46	97 163	14 835,570	215 182,611	14,505	14,036
32	47	96 973	13 935,561	200 347,041	14,377	13,908
33	48	96 766	13 087,846	186 411,479	14,243	13,775
34	49	96 543	12 289,536	173 323,634	14,103	13,635
35	50	96 290	11 536,373	161 034,098	13,959	13,490
36	51	96 015	10 826,745	149 497,725	13,808	13,340
37	52	95 718	10 158,350	138 670,980	13,651	13,183
38	53	95 394	9 528,389	128 512,630	13,487	13,019
39	54	95 033	8 933,999	118 984,242	13,318	12,850
40	55	94 644	8 374,014	110 050,243	13,142	12,674
41	56	94 211	7 845,439	101 676,229	12,960	12,492
42	57	93 746	7 347,476	93 830,791	12,770	12,302
43	58	93 233	6 877,401	86 483,315	12,575	12,107
44	59	92 670	6 433,745	79 605,914	12,373	11,905
45	60	92 056	6 015,223	73 172,169	12,164	11,696
46	61	91 373	5 619,354	67 156,946	11,951	11,483
47	62	90 663	5 247,722	61 537,592	11,727	11,258
48	63	89 888	4 896,818	56 289,870	11,495	11,027
49	64	89 048	4 565,673	51 393,052	11,256	10,788
50	65	88 121	4 252,366	46 827,379	11,012	10,544
51	66	87 107	3 956,194	42 575,013	10,762	10,293
52	67	86 013	3 676,700	38 618,818	10,504	10,035
53	68	84 802	3 411,712	34 942,118	10,242	9,773
54	69	83 517	3 162,375	31 530,406	9,970	9,502
55	70	82 124	2 926,696	28 368,031	9,693	9,224
56	71	80 625	2 704,248	25 441,335	9,408	8,940
57	72	79 002	2 493,942	22 737,087	9,117	8,649
58	73	77 276	2 295,973	20 243,146	8,817	8,348
59	74	75 438	2 109,502	17 947,173	8,508	8,039
60	75	73 461	1 933,395	15 837,670	8,192	7,723
61	76	71 337	1 767,046	13 904,276	7,869	7,400
62	77	69 013	1 608,928	12 137,229	7,544	7,075
63	78	66 509	1 459,343	10 528,302	7,214	6,746
64	79	63 795	1 317,460	9 068,958	6,884	6,415
65	80	60 814	1 182,018	7 751,499	6,558	6,089
66	81	57 580	1 053,321	6 569,480	6,237	5,769
67	82	54 143	932,188	5 516,160	5,917	5,449
68	83	50 494	818,227	4 583,972	5,602	5,134
69	84	46 672	711,801	3 765,744	5,290	4,822
70	85	42 636	612,002	3 053,944	4,990	4,522
71	86	38 462	519,614	2 441,941	4,700	4,231
72	87	34 188	434,700	1 922,327	4,422	3,954
73	88	29 925	358,114	1 487,627	4,154	3,686
74	89	25 739	289,905	1 129,513	3,896	3,428
75	90	21 678	229,799	839,608	3,654	3,185
76	91	17 842	178,013	609,809	3,426	2,957
77	92	14 297	134,255	431,795	3,216	2,748
78	93	11 137	98,423	297,540	3,023	2,555
79	94	8 400	69,867	199,117	2,850	2,382
80	95	6 088	47,664	129,250	2,712	2,243
81	96	4 304	31,715	81,586	2,572	2,104
82	97	2 935	20,355	49,871	2,450	1,982
83	98	1 963	12,814	29,517	2,303	1,835
84	99	1 249	7,674	16,703	2,177	1,708
85	100	757	4,374	9,029	2,064	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 636 962,282	16,443	15,975
1	17	99 187	93 352,006	1 537 408,702	16,469	16,001
2	18	99 145	87 823,917	1 444 056,696	16,443	15,974
3	19	99 109	82 628,083	1 356 232,778	16,414	15,945
4	20	99 077	77 742,586	1 273 604,696	16,382	15,914
5	21	99 048	73 147,459	1 195 862,110	16,349	15,880
6	22	99 022	68 826,783	1 122 714,651	16,312	15,844
7	23	98 994	64 760,223	1 053 887,868	16,274	15,805
8	24	98 965	60 932,441	989 127,645	16,233	15,765
9	25	98 940	57 333,785	928 195,204	16,189	15,721
10	26	98 913	53 946,809	870 861,419	16,143	15,675
11	27	98 887	50 759,684	816 914,610	16,094	15,625
12	28	98 856	47 759,120	766 154,926	16,042	15,574
13	29	98 824	44 935,028	718 395,806	15,987	15,519
14	30	98 789	42 276,804	673 460,778	15,930	15,461
15	31	98 747	39 773,314	631 183,974	15,870	15,401
16	32	98 701	37 416,134	591 410,661	15,806	15,338
17	33	98 641	35 193,896	553 994,527	15,741	15,273
18	34	98 577	33 102,165	518 800,630	15,673	15,204
19	35	98 501	31 130,855	485 698,466	15,602	15,133
20	36	98 420	29 275,606	454 567,611	15,527	15,059
21	37	98 330	27 528,180	425 292,005	15,449	14,981
22	38	98 241	25 885,370	397 763,825	15,366	14,898
23	39	98 139	24 337,451	371 878,455	15,280	14,812
24	40	98 035	22 881,679	347 541,004	15,189	14,720
25	41	97 921	21 510,678	324 659,325	15,093	14,625
26	42	97 800	20 220,167	303 148,646	14,992	14,524
27	43	97 672	19 005,943	282 928,480	14,886	14,418
28	44	97 533	17 862,418	263 922,536	14,775	14,307
29	45	97 383	16 785,888	246 060,118	14,659	14,190
30	46	97 219	15 771,880	229 274,230	14,537	14,069
31	47	97 040	14 816,733	213 502,351	14,410	13,941
32	48	96 834	13 915,584	198 685,618	14,278	13,810
33	49	96 611	13 066,911	184 770,034	14,140	13,672
34	50	96 368	12 267,274	171 703,123	13,997	13,528
35	51	96 100	11 513,638	159 435,849	13,848	13,379
36	52	95 803	10 802,831	147 922,211	13,693	13,225
37	53	95 483	10 133,408	137 119,379	13,531	13,063
38	54	95 133	9 502,346	126 985,971	13,364	12,895
39	55	94 747	8 907,111	117 483,625	13,190	12,722
40	56	94 330	8 346,267	108 576,515	13,009	12,541
41	57	93 871	7 817,047	100 230,247	12,822	12,354
42	58	93 372	7 318,143	92 413,201	12,628	12,160
43	59	92 822	6 847,068	85 095,058	12,428	11,960
44	60	92 222	6 402,670	78 247,990	12,221	11,753
45	61	91 560	5 982,794	71 845,320	12,009	11,540
46	62	90 862	5 587,913	65 862,526	11,787	11,318
47	63	90 112	5 215,834	60 274,612	11,556	11,088
48	64	89 296	4 864,575	55 058,778	11,318	10,850
49	65	88 399	4 532,402	50 194,204	11,075	10,606
50	66	87 415	4 218,295	45 661,802	10,825	10,356
51	67	86 346	3 921,635	41 443,506	10,568	10,100
52	68	85 179	3 641,057	37 521,871	10,305	9,837
53	69	83 936	3 376,862	33 880,814	10,033	9,565
54	70	82 584	3 127,045	30 503,952	9,755	9,287
55	71	81 123	2 891,038	27 376,908	9,470	9,001
56	72	79 545	2 668,037	24 485,869	9,177	8,709
57	73	77 863	2 458,006	21 817,833	8,876	8,408
58	74	76 080	2 260,425	19 359,827	8,565	8,096
59	75	74 147	2 073,412	17 099,402	8,247	7,779
60	76	72 060	1 896,530	15 025,990	7,923	7,455
61	77	69 780	1 728,479	13 129,460	7,596	7,128
62	78	67 325	1 569,586	11 400,981	7,264	6,795
63	79	64 640	1 418,336	9 831,395	6,932	6,463
64	80	61 695	1 274,084	8 413,060	6,603	6,135
65	81	58 478	1 136,619	7 138,975	6,281	5,813
66	82	55 043	1 006,909	6 002,356	5,961	5,493
67	83	51 417	885,260	4 995,447	5,643	5,175
68	84	47 561	770,703	4 110,187	5,333	4,865
69	85	43 535	663,953	3 339,484	5,030	4,561
70	86	39 344	564,743	2 675,531	4,738	4,269
71	87	35 043	473,416	2 110,788	4,459	3,990
72	88	30 729	390,713	1 637,372	4,191	3,722
73	89	26 489	316,994	1 246,659	3,933	3,464
74	90	22 370	251,951	929,665	3,690	3,222
75	91	18 471	195,803	677,714	3,461	2,993
76	92	14 857	148,226	481,911	3,251	2,783
77	93	11 616	109,074	333,685	3,059	2,591
78	94	8 807	77,833	224,611	2,886	2,417
79	95	6 424	53,436	146,778	2,747	2,278
80	96	4 572	35,794	93,341	2,608	2,139
81	97	3 144	23,168	57,547	2,484	2,016
82	98	2 122	14,715	34,379	2,336	1,868
83	99	1 365	8,909	19,664	2,207	1,739
84	100	836	5,138	10,755	2,093	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 634 738,891	16,423	15,955
1	18	99 172	93 338,338	1 535 199,358	16,448	15,979
2	19	99 125	87 806,033	1 441 861,020	16,421	15,953
3	20	99 090	82 612,134	1 354 054,987	16,391	15,922
4	21	99 059	77 728,190	1 271 442,853	16,358	15,889
5	22	99 031	73 135,349	1 193 714,663	16,322	15,854
6	23	99 005	68 814,873	1 120 579,314	16,284	15,816
7	24	98 973	64 746,171	1 051 764,441	16,244	15,776
8	25	98 948	60 922,109	987 018,271	16,201	15,733
9	26	98 921	57 323,094	926 096,161	16,156	15,687
10	27	98 894	53 936,312	868 773,067	16,107	15,639
11	28	98 865	50 748,597	814 836,755	16,056	15,588
12	29	98 831	47 747,209	764 088,158	16,003	15,534
13	30	98 798	44 923,400	716 340,949	15,946	15,477
14	31	98 759	42 264,250	671 417,549	15,886	15,418
15	32	98 716	39 760,618	629 153,299	15,824	15,355
16	33	98 667	37 403,149	589 392,681	15,758	15,289
17	34	98 606	35 181,366	551 989,532	15,690	15,221
18	35	98 539	33 089,218	516 808,166	15,619	15,150
19	36	98 461	31 118,325	483 718,948	15,545	15,076
20	37	98 374	29 261,880	452 600,623	15,467	14,999
21	38	98 285	27 515,511	423 338,743	15,385	14,917
22	39	98 183	25 870,210	395 823,232	15,300	14,832
23	40	98 080	24 322,953	369 953,022	15,210	14,742
24	41	97 969	22 866,149	345 630,069	15,115	14,647
25	42	97 847	21 494,269	322 763,920	15,016	14,548
26	43	97 718	20 203,388	301 269,651	14,912	14,443
27	44	97 584	18 988,839	281 066,263	14,802	14,333
28	45	97 433	17 844,197	262 077,424	14,687	14,219
29	46	97 275	16 767,223	244 233,226	14,566	14,098
30	47	97 096	15 751,854	227 466,003	14,441	13,972
31	48	96 901	14 795,493	211 714,150	14,309	13,841
32	49	96 679	13 893,325	196 918,657	14,174	13,705
33	50	96 436	13 043,241	183 025,332	14,032	13,564
34	51	96 178	12 243,100	169 982,092	13,884	13,416
35	52	95 888	11 488,207	157 738,992	13,731	13,262
36	53	95 568	10 776,307	146 250,785	13,572	13,103
37	54	95 222	10 105,712	135 474,478	13,406	12,937
38	55	94 847	9 473,748	125 368,766	13,233	12,765
39	56	94 433	8 877,598	115 895,018	13,055	12,586
40	57	93 989	8 316,063	107 017,421	12,869	12,400
41	58	93 496	7 785,839	98 701,358	12,677	12,209
42	59	92 960	7 285,865	90 915,519	12,478	12,010
43	60	92 373	6 813,996	83 629,653	12,273	11,805
44	61	91 725	6 368,153	76 815,657	12,062	11,594
45	62	91 048	5 949,320	70 447,504	11,841	11,373
46	63	90 310	5 553,958	64 498,184	11,613	11,145
47	64	89 519	5 181,491	58 944,226	11,376	10,908
48	65	88 646	4 829,125	53 762,735	11,133	10,665
49	66	87 691	4 496,087	48 933,610	10,884	10,415
50	67	86 651	4 181,447	44 437,523	10,627	10,159
51	68	85 509	3 883,617	40 256,076	10,366	9,897
52	69	84 309	3 603,864	36 372,459	10,093	9,624
53	70	82 998	3 339,135	32 768,594	9,813	9,345
54	71	81 578	3 088,946	29 429,459	9,527	9,059
55	72	80 037	2 852,326	26 340,513	9,235	8,766
56	73	78 399	2 629,592	23 488,187	8,932	8,464
57	74	76 658	2 419,949	20 858,595	8,619	8,151
58	75	74 778	2 221,753	18 438,646	8,299	7,831
59	76	72 733	2 033,877	16 216,893	7,973	7,505
60	77	70 487	1 855,136	14 183,016	7,645	7,177
61	78	68 073	1 686,214	12 327,880	7,311	6,843
62	79	65 434	1 525,481	10 641,666	6,976	6,508
63	80	62 512	1 371,639	9 116,185	6,646	6,178
64	81	59 325	1 225,149	7 744,546	6,321	5,853
65	82	55 902	1 086,537	6 519,396	6,000	5,532
66	83	52 272	956,219	5 432,859	5,682	5,213
67	84	48 431	833,843	4 476,640	5,369	4,900
68	85	44 364	718,896	3 642,798	5,067	4,599
69	86	40 173	612,682	2 923,902	4,772	4,304
70	87	35 846	514,533	2 311,220	4,492	4,024
71	88	31 497	425,511	1 796,688	4,222	3,754
72	89	27 200	345,849	1 371,176	3,965	3,496
73	90	23 021	275,494	1 025,327	3,722	3,253
74	91	19 060	214,678	749,833	3,493	3,024
75	92	15 380	163,038	535,155	3,282	2,814
76	93	12 070	120,425	372,117	3,090	2,622
77	94	9 186	86,256	251,692	2,918	2,450
78	95	6 736	59,529	165,436	2,779	2,311
79	96	4 824	40,129	105,907	2,639	2,171
80	97	3 340	26,148	65,778	2,516	2,047
81	98	2 273	16,749	39,630	2,366	1,898
82	99	1 475	10,231	22,881	2,236	1,768
83	100	914	5,964	12,650	2,121	1,652

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 632 368,454	16,402	15,933
1	19	99 152	93 319,330	1 532 843,496	16,426	15,957
2	20	99 106	87 789,084	1 439 524,165	16,398	15,929
3	21	99 072	82 596,836	1 351 735,081	16,365	15,897
4	22	99 043	77 715,322	1 269 138,245	16,331	15,862
5	23	99 014	73 122,693	1 191 422,923	16,293	15,825
6	24	98 983	68 799,941	1 118 300,230	16,254	15,786
7	25	98 956	64 735,192	1 049 500,289	16,212	15,744
8	26	98 929	60 910,750	984 765,097	16,167	15,699
9	27	98 902	57 311,941	923 854,348	16,120	15,651
10	28	98 873	53 924,531	866 542,407	16,070	15,601
11	29	98 840	50 735,940	812 617,876	16,017	15,548
12	30	98 806	47 734,853	761 881,936	15,961	15,492
13	31	98 769	44 910,061	714 147,083	15,902	15,433
14	32	98 728	42 250,760	669 237,022	15,840	15,371
15	33	98 682	39 746,819	626 986,262	15,775	15,306
16	34	98 632	37 389,831	587 239,443	15,706	15,238
17	35	98 568	35 167,606	549 849,612	15,635	15,167
18	36	98 499	33 075,900	514 682,006	15,561	15,092
19	37	98 415	31 103,736	481 606,106	15,484	15,016
20	38	98 329	29 248,413	450 502,370	15,403	14,934
21	39	98 227	27 499,396	421 253,957	15,319	14,850
22	40	98 125	25 854,799	393 754,561	15,229	14,761
23	41	98 014	24 306,445	367 899,762	15,136	14,668
24	42	97 894	22 848,706	343 593,317	15,038	14,569
25	43	97 765	21 476,433	320 744,611	14,935	14,466
26	44	97 631	20 185,206	299 268,179	14,826	14,358
27	45	97 485	18 969,470	279 082,972	14,712	14,244
28	46	97 325	17 824,356	260 113,502	14,593	14,125
29	47	97 151	16 745,933	242 289,147	14,469	14,000
30	48	96 956	15 729,273	225 543,214	14,339	13,871
31	49	96 746	14 771,826	209 813,941	14,204	13,735
32	50	96 504	13 868,158	195 042,115	14,064	13,596
33	51	96 246	13 017,537	181 173,957	13,918	13,449
34	52	95 965	12 216,057	168 156,421	13,765	13,297
35	53	95 653	11 460,000	155 940,363	13,607	13,139
36	54	95 307	10 746,854	144 480,363	13,444	12,976
37	55	94 935	10 075,297	133 733,509	13,273	12,805
38	56	94 532	9 442,357	123 658,212	13,096	12,628
39	57	94 091	8 845,471	114 215,854	12,912	12,444
40	58	93 613	8 282,863	105 370,384	12,721	12,253
41	59	93 083	7 751,499	97 087,521	12,525	12,057
42	60	92 511	7 250,675	89 336,022	12,321	11,853
43	61	91 875	6 777,262	82 085,347	12,112	11,644
44	62	91 212	6 332,523	75 308,085	11,892	11,424
45	63	90 495	5 913,168	68 975,562	11,665	11,196
46	64	89 715	5 517,388	63 062,394	11,430	10,961
47	65	88 867	5 143,731	57 545,006	11,187	10,719
48	66	87 935	4 790,433	52 401,275	10,939	10,470
49	67	86 925	4 456,812	47 610,841	10,683	10,214
50	68	85 811	4 140,910	43 154,029	10,421	9,953
51	69	84 636	3 843,947	39 013,119	10,149	9,681
52	70	83 367	3 563,601	35 169,172	9,869	9,401
53	71	81 987	3 298,453	31 605,571	9,582	9,114
54	72	80 486	3 047,584	28 307,118	9,288	8,820
55	73	78 884	2 811,226	25 259,534	8,985	8,517
56	74	77 185	2 588,879	22 448,308	8,671	8,203
57	75	75 346	2 378,548	19 859,429	8,349	7,881
58	76	73 352	2 179,390	17 480,881	8,021	7,553
59	77	71 146	1 989,486	15 301,492	7,691	7,223
60	78	68 764	1 809,774	13 312,006	7,356	6,887
61	79	66 161	1 638,831	11 502,232	7,019	6,550
62	80	63 279	1 475,257	9 863,401	6,686	6,218
63	81	60 111	1 318,957	8 388,144	6,360	5,891
64	82	56 711	1 171,166	7 069,187	6,036	5,568
65	83	53 088	1 031,839	5 898,021	5,716	5,248
66	84	49 236	900,680	4 866,182	5,403	4,934
67	85	45 175	777,791	3 965,501	5,098	4,630
68	86	40 938	663,382	3 187,710	4,805	4,337
69	87	36 601	558,210	2 524,329	4,522	4,054
70	88	32 219	462,467	1 966,119	4,251	3,783
71	89	27 880	376,652	1 503,652	3,992	3,524
72	90	23 639	300,571	1 127,000	3,750	3,281
73	91	19 615	234,738	826,429	3,521	3,052
74	92	15 871	178,755	591,691	3,310	2,842
75	93	12 495	132,459	412,936	3,117	2,649
76	94	9 545	95,232	280,477	2,945	2,477
77	95	7 026	65,971	185,245	2,808	2,340
78	96	5 058	44,704	119,274	2,668	2,200
79	97	3 524	29,315	74,569	2,544	2,075
80	98	2 415	18,904	45,254	2,394	1,926
81	99	1 580	11,645	26,351	2,263	1,794
82	100	988	6,849	14,706	2,147	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 629 842,458	16,380	15,911
1	20	99 133	93 301,318	1 530 337,767	16,402	15,934
2	21	99 087	87 772,828	1 437 036,449	16,372	15,904
3	22	99 055	82 583,162	1 349 263,621	16,338	15,870
4	23	99 026	77 701,873	1 266 680,459	16,302	15,833
5	24	98 993	73 106,827	1 188 978,586	16,264	15,795
6	25	98 966	68 788,275	1 115 871,759	16,222	15,753
7	26	98 938	64 723,121	1 047 083,484	16,178	15,710
8	27	98 910	60 898,898	982 360,363	16,131	15,663
9	28	98 881	57 299,422	921 461,465	16,082	15,613
10	29	98 848	53 911,083	864 162,043	16,029	15,561
11	30	98 815	50 722,811	810 250,961	15,974	15,506
12	31	98 777	47 720,679	759 528,150	15,916	15,448
13	32	98 737	44 895,726	711 807,471	15,855	15,386
14	33	98 694	42 236,097	666 911,745	15,790	15,322
15	34	98 647	39 732,668	624 675,649	15,722	15,254
16	35	98 593	37 375,208	584 942,981	15,651	15,182
17	36	98 528	35 153,451	547 567,773	15,577	15,108
18	37	98 453	33 060,393	512 414,322	15,499	15,031
19	38	98 370	31 089,421	479 353,929	15,419	14,950
20	39	98 271	29 231,284	448 264,509	15,335	14,867
21	40	98 168	27 483,014	419 033,225	15,247	14,779
22	41	98 058	25 837,251	391 550,211	15,154	14,686
23	42	97 939	24 287,903	365 712,959	15,057	14,589
24	43	97 813	22 829,746	341 425,056	14,955	14,487
25	44	97 678	21 457,105	318 595,311	14,848	14,380
26	45	97 531	20 164,616	297 138,205	14,736	14,267
27	46	97 376	18 948,377	276 973,589	14,617	14,149
28	47	97 201	17 801,723	258 025,212	14,494	14,026
29	48	97 012	16 721,927	240 223,489	14,366	13,897
30	49	96 801	15 704,112	223 501,562	14,232	13,764
31	50	96 570	14 745,068	207 797,449	14,093	13,624
32	51	96 314	13 840,829	193 052,382	13,948	13,480
33	52	96 034	12 988,784	179 211,553	13,797	13,329
34	53	95 730	12 186,063	166 222,770	13,640	13,172
35	54	95 391	11 428,678	154 036,706	13,478	13,010
36	55	95 020	10 714,510	142 608,028	13,310	12,841
37	56	94 621	10 041,914	131 893,518	13,134	12,666
38	57	94 190	9 408,187	121 851,604	12,952	12,483
39	58	93 716	8 810,157	112 443,418	12,763	12,295
40	59	93 201	8 246,331	103 633,260	12,567	12,099
41	60	92 634	7 714,059	95 386,929	12,365	11,897
42	61	92 012	7 211,586	87 672,870	12,157	11,689
43	62	91 361	6 739,342	80 461,284	11,939	11,471
44	63	90 657	6 294,043	73 721,942	11,713	11,245
45	64	89 899	5 874,233	67 427,899	11,479	11,010
46	65	89 061	5 477,181	61 553,666	11,238	10,770
47	66	88 155	5 102,519	56 076,485	10,990	10,522
48	67	87 167	4 748,587	50 973,966	10,735	10,266
49	68	86 082	4 413,606	46 225,379	10,473	10,005
50	69	84 934	4 098,612	41 811,773	10,201	9,733
51	70	83 690	3 801,002	37 713,161	9,922	9,454
52	71	82 351	3 520,184	33 912,160	9,634	9,165
53	72	80 889	3 254,285	30 391,976	9,339	8,871
54	73	79 326	3 003,671	27 137,691	9,035	8,566
55	74	77 662	2 767,701	24 134,020	8,720	8,252
56	75	75 864	2 544,587	21 366,319	8,397	7,928
57	76	73 910	2 333,195	18 821,732	8,067	7,599
58	77	71 751	2 131,822	16 488,538	7,734	7,266
59	78	69 406	1 940,839	14 356,716	7,397	6,929
60	79	66 832	1 758,919	12 415,877	7,059	6,590
61	80	63 982	1 584,875	10 656,958	6,724	6,256
62	81	60 849	1 418,595	9 072,082	6,395	5,927
63	82	57 462	1 260,841	7 653,487	6,070	5,602
64	83	53 856	1 112,208	6 392,646	5,748	5,279
65	84	50 004	971,908	5 280,439	5,433	4,965
66	85	45 926	840,136	4 308,531	5,128	4,660
67	86	41 687	717,729	3 468,395	4,832	4,364
68	87	37 299	604,402	2 750,666	4,551	4,083
69	88	32 897	501,724	2 146,264	4,278	3,809
70	89	28 519	409,364	1 644,540	4,017	3,549
71	90	24 230	327,341	1 235,176	3,773	3,305
72	91	20 142	256,106	907,834	3,545	3,076
73	92	16 333	195,458	651,728	3,334	2,866
74	93	12 894	145,228	456,270	3,142	2,673
75	94	9 881	104,749	311,042	2,969	2,501
76	95	7 300	72,836	206,293	2,832	2,364
77	96	5 276	49,542	133,457	2,694	2,225
78	97	3 695	32,657	83,915	2,570	2,101
79	98	2 548	21,193	51,258	2,419	1,950
80	99	1 679	13,143	30,065	2,288	1,819
81	100	1 058	7,796	16,922	2,171	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 627 157,385	16,356	15,887
1	21	99 114	93 284,041	1 527 671,901	16,377	15,908
2	22	99 071	87 758,297	1 434 387,860	16,345	15,876
3	23	99 038	82 568,871	1 346 629,563	16,309	15,841
4	24	99 004	77 685,013	1 264 060,692	16,272	15,803
5	25	98 976	73 094,430	1 186 375,678	16,231	15,762
6	26	98 948	68 775,448	1 113 281,248	16,187	15,719
7	27	98 918	64 710,528	1 044 505,800	16,141	15,673
8	28	98 889	60 885,596	979 795,273	16,092	15,624
9	29	98 856	57 285,132	918 909,677	16,041	15,573
10	30	98 822	53 897,132	861 624,545	15,986	15,518
11	31	98 785	50 707,750	807 727,413	15,929	15,461
12	32	98 745	47 705,447	757 019,664	15,869	15,400
13	33	98 703	44 880,145	709 314,217	15,805	15,336
14	34	98 658	42 221,059	664 434,072	15,737	15,269
15	35	98 608	39 717,128	622 213,013	15,666	15,198
16	36	98 553	37 360,165	582 495,886	15,591	15,123
17	37	98 482	35 136,970	545 135,721	15,515	15,046
18	38	98 408	33 045,177	509 998,752	15,433	14,965
19	39	98 312	31 071,213	476 953,574	15,350	14,882
20	40	98 213	29 213,871	445 882,361	15,263	14,794
21	41	98 102	27 464,362	416 668,491	15,171	14,703
22	42	97 983	25 817,541	389 204,129	15,075	14,607
23	43	97 858	24 267,749	363 386,588	14,974	14,506
24	44	97 725	22 809,200	339 118,839	14,868	14,399
25	45	97 578	21 435,218	316 309,639	14,757	14,288
26	46	97 422	20 142,194	294 874,421	14,640	14,171
27	47	97 253	18 924,317	274 732,227	14,517	14,049
28	48	97 062	17 776,204	255 807,909	14,390	13,922
29	49	96 857	16 695,179	238 031,705	14,258	13,789
30	50	96 626	15 675,665	221 336,526	14,120	13,651
31	51	96 380	14 716,010	205 660,861	13,975	13,507
32	52	96 101	13 810,257	190 944,851	13,826	13,358
33	53	95 798	12 956,892	177 134,594	13,671	13,203
34	54	95 468	12 152,757	164 177,701	13,510	13,041
35	55	95 104	11 394,282	152 024,944	13,342	12,874
36	56	94 705	10 679,009	140 630,662	13,169	12,701
37	57	94 279	10 005,573	129 951,654	12,988	12,520
38	58	93 814	9 370,626	119 946,080	12,800	12,332
39	59	93 302	8 771,300	110 575,454	12,607	12,138
40	60	92 750	8 206,501	101 804,154	12,405	11,937
41	61	92 134	7 672,473	93 597,653	12,199	11,731
42	62	91 498	7 171,237	85 925,181	11,982	11,514
43	63	90 806	6 698,390	78 753,944	11,757	11,289
44	64	90 060	6 252,600	72 055,554	11,524	11,056
45	65	89 244	5 831,426	65 802,954	11,284	10,816
46	66	88 348	5 433,297	59 971,528	11,038	10,569
47	67	87 384	5 057,946	54 538,231	10,783	10,314
48	68	86 322	4 702,552	49 480,285	10,522	10,054
49	69	85 203	4 368,522	44 777,733	10,250	9,782
50	70	83 986	4 052,821	40 409,211	9,971	9,502
51	71	82 670	3 754,692	36 356,390	9,683	9,215
52	72	81 249	3 473,047	32 601,698	9,387	8,919
53	73	79 723	3 207,393	29 128,650	9,082	8,613
54	74	78 098	2 957,166	25 921,257	8,766	8,297
55	75	76 334	2 720,350	22 964,092	8,442	7,973
56	76	74 418	2 496,068	20 243,742	8,110	7,642
57	77	72 296	2 282,270	17 747,674	7,776	7,308
58	78	69 997	2 079,695	15 465,404	7,436	6,968
59	79	67 456	1 886,301	13 385,709	7,096	6,628
60	80	64 631	1 701,010	11 499,408	6,760	6,292
61	81	61 525	1 524,003	9 798,398	6,429	5,961
62	82	58 168	1 356,088	8 274,395	6,102	5,633
63	83	54 570	1 197,368	6 918,307	5,778	5,310
64	84	50 728	1 047,609	5 720,939	5,461	4,993
65	85	46 643	906,575	4 673,330	5,155	4,687
66	86	42 380	775,259	3 766,755	4,859	4,390
67	87	37 981	653,917	2 991,495	4,575	4,106
68	88	33 524	543,242	2 337,578	4,303	3,835
69	89	29 120	444,114	1 794,336	4,040	3,572
70	90	24 785	355,771	1 350,222	3,795	3,327
71	91	20 646	278,916	994,451	3,565	3,097
72	92	16 772	213,250	715,535	3,355	2,887
73	93	13 270	158,798	502,285	3,163	2,695
74	94	10 197	114,847	343,487	2,991	2,522
75	95	7 558	80,115	228,640	2,854	2,386
76	96	5 482	54,697	148,525	2,715	2,247
77	97	3 854	36,191	93,828	2,593	2,124
78	98	2 671	23,609	57,637	2,441	1,973
79	99	1 771	14,735	34,027	2,309	1,841
80	100	1 124	8,799	19,293	2,193	1,724

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 624 302,342	16,330	15,862
1	22	99 098	93 268,597	1 524 835,280	16,349	15,881
2	23	99 054	87 743,111	1 431 566,682	16,315	15,847
3	24	99 017	82 550,955	1 343 823,572	16,279	15,810
4	25	98 987	77 671,840	1 261 272,617	16,238	15,770
5	26	98 957	73 080,801	1 183 600,776	16,196	15,727
6	27	98 929	68 762,067	1 110 519,976	16,150	15,682
7	28	98 897	64 696,393	1 041 757,909	16,102	15,634
8	29	98 864	60 870,411	977 061,516	16,052	15,583
9	30	98 830	57 270,308	916 191,105	15,998	15,529
10	31	98 793	53 881,128	858 920,797	15,941	15,473
11	32	98 754	50 691,564	805 039,669	15,881	15,413
12	33	98 711	47 688,891	754 348,106	15,818	15,350
13	34	98 668	44 864,165	706 659,215	15,751	15,283
14	35	98 620	42 204,545	661 795,050	15,681	15,212
15	36	98 568	39 701,142	619 590,504	15,606	15,138
16	37	98 507	37 342,648	579 889,362	15,529	15,061
17	38	98 437	35 120,799	542 546,714	15,448	14,980
18	39	98 350	33 025,824	507 425,915	15,365	14,896
19	40	98 254	31 052,704	474 400,091	15,277	14,809
20	41	98 146	29 194,043	443 347,387	15,186	14,718
21	42	98 027	27 443,410	414 153,344	15,091	14,623
22	43	97 902	25 796,117	386 709,934	14,991	14,523
23	44	97 770	24 245,909	360 913,816	14,886	14,417
24	45	97 625	22 785,934	336 667,907	14,775	14,307
25	46	97 469	21 411,383	313 881,973	14,660	14,191
26	47	97 299	20 116,619	292 470,590	14,539	14,070
27	48	97 113	18 897,189	272 353,971	14,412	13,944
28	49	96 907	17 747,769	253 456,782	14,281	13,813
29	50	96 681	16 664,937	235 709,013	14,144	13,676
30	51	96 436	15 644,774	219 044,076	14,001	13,533
31	52	96 167	14 683,506	203 399,302	13,852	13,384
32	53	95 865	13 776,349	188 715,797	13,699	13,230
33	54	95 536	12 921,479	174 939,448	13,539	13,070
34	55	95 181	12 116,182	162 017,968	13,372	12,904
35	56	94 789	11 356,528	149 901,787	13,200	12,731
36	57	94 362	10 640,363	138 545,258	13,021	12,552
37	58	93 902	9 965,628	127 904,896	12,835	12,366
38	59	93 400	9 329,297	117 939,268	12,642	12,173
39	60	92 852	8 728,934	108 609,971	12,443	11,974
40	61	92 250	8 162,260	99 881,037	12,237	11,769
41	62	91 619	7 629,544	91 718,777	12,022	11,553
42	63	90 942	7 127,660	84 089,233	11,798	11,329
43	64	90 208	6 654,285	76 961,573	11,566	11,097
44	65	89 404	6 207,035	70 307,288	11,327	10,859
45	66	88 529	5 784,703	64 100,253	11,081	10,613
46	67	87 576	5 385,835	58 315,550	10,828	10,359
47	68	86 537	5 008,912	52 929,715	10,567	10,099
48	69	85 440	4 654,517	47 920,802	10,296	9,827
49	70	84 251	4 319,716	43 266,286	10,016	9,548
50	71	82 962	4 003,443	38 946,570	9,728	9,260
51	72	81 563	3 704,415	34 943,126	9,433	8,964
52	73	80 078	3 423,003	31 238,711	9,126	8,658
53	74	78 489	3 157,734	27 815,708	8,809	8,340
54	75	76 762	2 906,573	24 657,974	8,484	8,015
55	76	74 878	2 668,479	21 751,401	8,151	7,683
56	77	72 794	2 441,589	19 082,922	7,816	7,347
57	78	70 529	2 226,464	16 641,333	7,474	7,006
58	79	68 030	2 021,255	14 414,869	7,132	6,663
59	80	65 235	1 824,198	12 393,614	6,794	6,326
60	81	62 149	1 635,678	10 569,416	6,462	5,993
61	82	58 814	1 456,852	8 933,738	6,132	5,664
62	83	55 239	1 287,821	7 476,887	5,806	5,337
63	84	51 400	1 127,823	6 189,066	5,488	5,019
64	85	47 318	977,187	5 061,243	5,179	4,711
65	86	43 041	836,568	4 084,056	4,882	4,414
66	87	38 612	706,333	3 247,487	4,598	4,129
67	88	34 137	587,747	2 541,155	4,324	3,855
68	89	29 675	480,865	1 953,407	4,062	3,594
69	90	25 308	385,971	1 472,543	3,815	3,347
70	91	21 119	303,139	1 086,572	3,584	3,116
71	92	17 191	232,243	783,432	3,373	2,905
72	93	13 626	173,253	551,189	3,181	2,713
73	94	10 494	125,578	377,935	3,010	2,541
74	95	7 799	87,838	252,358	2,873	2,405
75	96	5 675	60,164	164,520	2,735	2,266
76	97	4 005	39,957	104,356	2,612	2,143
77	98	2 786	26,164	64,399	2,461	1,993
78	99	1 857	16,415	38,235	2,329	1,861
79	100	1 186	9,865	21,820	2,212	1,744

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 621 266,072	16,302	15,834
1	23	99 081	93 252,457	1 521 815,477	16,319	15,851
2	24	99 032	87 724,072	1 428 563,020	16,285	15,816
3	25	99 000	82 536,957	1 340 838,948	16,245	15,777
4	26	98 969	77 657,358	1 258 301,991	16,203	15,735
5	27	98 938	73 066,581	1 180 644,634	16,158	15,690
6	28	98 907	68 747,047	1 107 578,053	16,111	15,643
7	29	98 872	64 680,258	1 038 831,006	16,061	15,593
8	30	98 838	60 854,659	974 150,748	16,008	15,539
9	31	98 801	57 253,302	913 296,088	15,952	15,483
10	32	98 761	53 863,929	856 042,786	15,893	15,424
11	33	98 720	50 673,972	802 178,857	15,830	15,362
12	34	98 676	47 671,911	751 504,885	15,764	15,296
13	35	98 629	44 846,618	703 832,974	15,694	15,226
14	36	98 580	42 187,559	658 986,356	15,620	15,152
15	37	98 522	39 682,528	616 798,797	15,543	15,075
16	38	98 462	37 325,463	577 116,269	15,462	14,993
17	39	98 379	35 100,230	539 790,806	15,379	14,910
18	40	98 291	33 006,151	504 690,576	15,291	14,822
19	41	98 187	31 031,628	471 684,426	15,200	14,732
20	42	98 071	29 171,772	440 652,797	15,105	14,637
21	43	97 946	27 420,637	411 481,025	15,006	14,538
22	44	97 814	25 772,903	384 060,388	14,902	14,433
23	45	97 670	24 221,178	358 287,485	14,792	14,324
24	46	97 517	22 760,597	334 066,308	14,677	14,209
25	47	97 346	21 384,196	311 305,711	14,558	14,089
26	48	97 159	20 087,781	289 921,514	14,433	13,964
27	49	96 958	18 866,961	269 833,733	14,302	13,834
28	50	96 731	17 715,620	250 966,772	14,166	13,698
29	51	96 491	16 632,096	233 251,152	14,024	13,556
30	52	96 223	15 610,218	216 619,056	13,877	13,408
31	53	95 931	14 647,453	201 008,838	13,723	13,255
32	54	95 603	13 738,696	186 361,385	13,565	13,096
33	55	95 249	12 882,590	172 622,689	13,400	12,931
34	56	94 866	12 076,036	159 740,099	13,228	12,760
35	57	94 446	11 315,430	147 664,063	13,050	12,581
36	58	93 986	10 597,883	136 348,632	12,866	12,397
37	59	93 488	9 921,674	125 750,749	12,674	12,206
38	60	92 949	9 284,236	115 829,075	12,476	12,008
39	61	92 351	8 681,876	106 544,838	12,272	11,804
40	62	91 734	8 116,591	97 862,962	12,057	11,589
41	63	91 062	7 583,182	89 746,371	11,835	11,367
42	64	90 343	7 080,728	82 163,189	11,604	11,135
43	65	89 551	6 605,793	75 082,461	11,366	10,898
44	66	88 688	6 157,303	68 476,668	11,121	10,653
45	67	87 755	5 734,172	62 319,365	10,868	10,400
46	68	86 727	5 333,622	56 585,193	10,609	10,141
47	69	85 653	4 957,747	51 251,571	10,338	9,869
48	70	84 486	4 602,515	46 293,823	10,058	9,590
49	71	83 224	4 267,087	41 691,308	9,770	9,302
50	72	81 851	3 949,836	37 424,221	9,475	9,007
51	73	80 388	3 651,037	33 474,385	9,168	8,700
52	74	78 838	3 370,006	29 823,348	8,850	8,381
53	75	77 146	3 103,710	26 453,342	8,523	8,055
54	76	75 298	2 851,152	23 349,632	8,190	7,721
55	77	73 244	2 610,237	20 498,480	7,853	7,385
56	78	71 014	2 381,888	17 888,244	7,510	7,042
57	79	68 547	2 163,900	15 506,356	7,166	6,698
58	80	65 790	1 954,709	13 342,456	6,826	6,357
59	81	62 729	1 754,134	11 387,747	6,492	6,024
60	82	59 411	1 563,605	9 633,614	6,161	5,693
61	83	55 853	1 383,512	8 070,008	5,833	5,365
62	84	52 031	1 213,022	6 686,497	5,512	5,044
63	85	47 945	1 052,009	5 473,475	5,203	4,735
64	86	43 664	901,728	4 421,466	4,903	4,435
65	87	39 214	762,191	3 519,738	4,618	4,150
66	88	34 705	634,859	2 757,547	4,344	3,875
67	89	30 218	520,259	2 122,688	4,080	3,612
68	90	25 790	417,911	1 602,429	3,834	3,366
69	91	21 564	328,872	1 184,518	3,602	3,133
70	92	17 585	252,414	855,646	3,390	2,922
71	93	13 967	188,684	603,233	3,197	2,729
72	94	10 775	137,009	414,549	3,026	2,557
73	95	8 026	96,045	277,539	2,890	2,421
74	96	5 857	65,963	181,494	2,751	2,283
75	97	4 146	43,950	115,531	2,629	2,160
76	98	2 895	28,887	71,580	2,478	2,010
77	99	1 937	18,191	42,694	2,347	1,879
78	100	1 243	10,989	24,502	2,230	1,761

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 618 035,385	16,273	15,804
1	24	99 059	93 232,223	1 518 601,999	16,288	15,820
2	25	99 015	87 709,196	1 425 369,776	16,251	15,783
3	26	98 982	82 521,567	1 337 660,580	16,210	15,741
4	27	98 950	77 642,248	1 255 139,013	16,166	15,697
5	28	98 916	73 050,621	1 177 496,766	16,119	15,651
6	29	98 882	68 729,902	1 104 446,144	16,069	15,601
7	30	98 847	64 663,520	1 035 716,242	16,017	15,549
8	31	98 809	60 836,590	971 052,722	15,962	15,493
9	32	98 769	57 235,027	910 216,133	15,903	15,435
10	33	98 727	53 845,236	852 981,105	15,841	15,373
11	34	98 684	50 655,929	799 135,870	15,776	15,307
12	35	98 637	47 653,266	748 479,940	15,707	15,238
13	36	98 590	44 828,568	700 826,675	15,633	15,165
14	37	98 534	42 167,779	655 998,106	15,557	15,089
15	38	98 477	39 664,265	613 830,327	15,476	15,007
16	39	98 404	37 303,602	574 166,062	15,392	14,923
17	40	98 320	35 079,321	536 862,459	15,304	14,836
18	41	98 225	32 983,749	501 783,139	15,213	14,745
19	42	98 112	31 007,956	468 799,389	15,119	14,650
20	43	97 990	29 147,565	437 791,433	15,020	14,551
21	44	97 858	27 395,961	408 643,868	14,916	14,448
22	45	97 714	25 746,613	381 247,908	14,808	14,339
23	46	97 561	24 194,245	355 501,294	14,694	14,225
24	47	97 393	22 731,697	331 307,050	14,575	14,106
25	48	97 206	21 353,541	308 575,353	14,451	13,982
26	49	97 004	20 055,649	287 221,811	14,321	13,853
27	50	96 782	18 832,785	267 166,162	14,186	13,718
28	51	96 541	17 680,709	248 333,378	14,045	13,577
29	52	96 278	16 595,359	230 652,669	13,899	13,430
30	53	95 986	15 571,890	214 057,310	13,746	13,278
31	54	95 669	14 607,420	198 485,420	13,588	13,120
32	55	95 315	13 697,348	183 878,000	13,424	12,956
33	56	94 933	12 839,905	170 180,653	13,254	12,786
34	57	94 522	12 032,334	157 340,747	13,076	12,608
35	58	94 069	11 270,256	145 308,413	12,893	12,425
36	59	93 571	10 551,141	134 038,157	12,704	12,235
37	60	93 036	9 873,753	123 487,016	12,507	12,038
38	61	92 448	9 234,185	113 613,264	12,304	11,835
39	62	91 834	8 633,300	104 379,079	12,090	11,622
40	63	91 177	8 067,269	95 745,779	11,868	11,400
41	64	90 463	7 533,252	87 678,509	11,639	11,171
42	65	89 684	7 029,128	80 145,258	11,402	10,934
43	66	88 833	6 552,866	73 116,129	11,158	10,690
44	67	87 913	6 103,517	66 563,263	10,906	10,437
45	68	86 904	5 678,582	60 459,747	10,647	10,179
46	69	85 841	5 279,140	54 781,164	10,377	9,909
47	70	84 696	4 902,359	49 502,024	10,098	9,629
48	71	83 457	4 546,441	44 599,665	9,810	9,341
49	72	82 110	4 209,949	40 053,225	9,514	9,046
50	73	80 672	3 892,921	35 843,276	9,207	8,739
51	74	79 144	3 594,509	31 950,354	8,889	8,420
52	75	77 489	3 312,350	28 355,845	8,561	8,092
53	76	75 675	3 044,530	25 043,495	8,226	7,757
54	77	73 654	2 788,922	21 998,965	7,888	7,420
55	78	71 453	2 546,412	19 210,043	7,544	7,076
56	79	69 018	2 314,956	16 663,631	7,198	6,730
57	80	66 290	2 092,657	14 348,675	6,857	6,388
58	81	63 263	1 879,632	12 256,018	6,520	6,052
59	82	59 965	1 676,842	10 376,386	6,188	5,720
60	83	56 420	1 484,891	8 699,544	5,859	5,390
61	84	52 609	1 303,155	7 214,653	5,536	5,068
62	85	48 533	1 131,481	5 911,498	5,225	4,756
63	86	44 243	970,772	4 780,017	4,924	4,456
64	87	39 782	821,557	3 809,245	4,637	4,168
65	88	35 246	685,065	2 987,688	4,361	3,893
66	89	30 720	561,961	2 302,623	4,097	3,629
67	90	26 261	452,148	1 740,662	3,850	3,381
68	91	21 975	356,086	1 288,514	3,619	3,150
69	92	17 955	273,840	932,427	3,405	2,937
70	93	14 287	205,071	658,587	3,212	2,743
71	94	11 045	149,212	453,516	3,039	2,571
72	95	8 241	104,788	304,304	2,904	2,436
73	96	6 027	72,127	199,516	2,766	2,298
74	97	4 278	48,187	127,389	2,644	2,175
75	98	2 997	31,774	79,202	2,493	2,024
76	99	2 013	20,084	47,428	2,361	1,893
77	100	1 297	12,179	27,344	2,245	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 614 599,145	16,242	15,773
1	25	99 042	93 216,414	1 515 187,335	16,255	15,786
2	26	98 997	87 692,842	1 421 970,921	16,215	15,747
3	27	98 962	82 505,510	1 334 278,079	16,172	15,704
4	28	98 928	77 625,288	1 251 772,569	16,126	15,657
5	29	98 892	73 032,403	1 174 147,280	16,077	15,609
6	30	98 857	68 712,116	1 101 114,878	16,025	15,557
7	31	98 817	64 644,319	1 032 402,762	15,971	15,502
8	32	98 777	60 817,171	967 758,442	15,913	15,444
9	33	98 735	57 215,164	906 941,272	15,851	15,383
10	34	98 692	53 826,064	849 726,108	15,787	15,318
11	35	98 646	50 636,117	795 900,043	15,718	15,250
12	36	98 597	47 634,086	745 263,926	15,646	15,177
13	37	98 543	44 807,550	697 629,840	15,569	15,101
14	38	98 489	42 148,373	652 822,290	15,489	15,020
15	39	98 419	39 641,036	610 673,917	15,405	14,937
16	40	98 346	37 281,381	571 032,881	15,317	14,848
17	41	98 254	35 055,512	533 751,501	15,226	14,758
18	42	98 150	32 958,587	498 695,988	15,131	14,663
19	43	98 031	30 982,225	465 737,401	15,032	14,564
20	44	97 902	29 121,334	434 755,176	14,929	14,461
21	45	97 758	27 368,016	405 633,842	14,821	14,353
22	46	97 605	25 717,984	378 265,826	14,708	14,240
23	47	97 437	24 163,524	352 547,842	14,590	14,122
24	48	97 253	22 699,110	328 384,317	14,467	13,998
25	49	97 051	21 319,385	305 685,207	14,338	13,870
26	50	96 828	20 019,319	284 365,822	14,205	13,736
27	51	96 592	18 795,671	264 346,503	14,064	13,596
28	52	96 327	17 641,656	245 550,832	13,919	13,450
29	53	96 041	16 554,612	227 909,176	13,767	13,299
30	54	95 724	15 529,330	211 354,563	13,610	13,142
31	55	95 381	14 563,457	195 825,233	13,446	12,978
32	56	94 999	13 651,963	181 261,777	13,277	12,809
33	57	94 589	12 793,439	167 609,814	13,101	12,633
34	58	94 145	11 984,298	154 816,375	12,918	12,450
35	59	93 654	11 220,548	142 832,077	12,730	12,261
36	60	93 119	10 500,179	131 611,529	12,534	12,066
37	61	92 535	9 820,523	121 111,350	12,332	11,864
38	62	91 931	9 182,518	111 290,827	12,120	11,652
39	63	91 276	8 580,839	102 108,309	11,900	11,431
40	64	90 576	8 014,151	93 527,470	11,670	11,202
41	65	89 803	7 478,354	85 513,319	11,435	10,966
42	66	88 966	6 972,810	78 034,965	11,191	10,723
43	67	88 057	6 495,624	71 062,155	10,940	10,472
44	68	87 061	6 044,347	64 566,531	10,682	10,214
45	69	86 017	5 620,577	58 522,184	10,412	9,944
46	70	84 882	5 220,161	52 901,607	10,134	9,666
47	71	83 665	4 842,631	47 681,446	9,846	9,378
48	72	82 339	4 485,562	42 838,816	9,550	9,082
49	73	80 927	4 149,286	38 353,254	9,243	8,775
50	74	79 423	3 832,648	34 203,967	8,924	8,456
51	75	77 790	3 533,013	30 371,319	8,596	8,128
52	76	76 012	3 249,192	26 838,306	8,260	7,792
53	77	74 024	2 978,080	23 589,114	7,921	7,453
54	78	71 853	2 720,728	20 611,035	7,576	7,107
55	79	69 445	2 474,857	17 890,307	7,229	6,760
56	80	66 746	2 238,740	15 415,450	6,886	6,417
57	81	63 744	2 012,283	13 176,710	6,548	6,080
58	82	60 476	1 796,811	11 164,427	6,213	5,745
59	83	56 946	1 592,427	9 367,617	5,883	5,414
60	84	53 143	1 398,646	7 775,189	5,559	5,091
61	85	49 073	1 215,555	6 376,543	5,246	4,777
62	86	44 786	1 044,107	5 160,988	4,943	4,475
63	87	40 309	884,463	4 116,881	4,655	4,186
64	88	35 757	738,424	3 232,419	4,377	3,909
65	89	31 199	606,402	2 493,995	4,113	3,644
66	90	26 698	488,390	1 887,593	3,865	3,397
67	91	22 376	385,259	1 399,202	3,632	3,163
68	92	18 298	296,501	1 013,944	3,420	2,951
69	93	14 588	222,479	717,443	3,225	2,756
70	94	11 298	162,171	494,964	3,052	2,584
71	95	8 447	114,121	332,793	2,916	2,448
72	96	6 189	78,693	218,672	2,779	2,310
73	97	4 403	52,690	139,980	2,657	2,188
74	98	3 093	34,837	87,290	2,506	2,037
75	99	2 084	22,091	52,453	2,374	1,906
76	100	1 348	13,446	30,362	2,258	1,790

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 610 949,429	16,208	15,739
1	26	99 024	93 199,032	1 511 554,477	16,219	15,750
2	27	98 978	87 675,779	1 418 355,444	16,177	15,709
3	28	98 941	82 487,489	1 330 679,665	16,132	15,664
4	29	98 903	77 605,929	1 248 192,176	16,084	15,615
5	30	98 866	73 013,504	1 170 586,247	16,032	15,564
6	31	98 828	68 691,713	1 097 572,743	15,978	15,510
7	32	98 786	64 623,685	1 028 881,030	15,921	15,453
8	33	98 743	60 796,064	964 257,345	15,861	15,392
9	34	98 700	57 194,793	903 461,281	15,796	15,328
10	35	98 653	53 805,012	846 266,488	15,728	15,260
11	36	98 606	50 615,737	792 461,476	15,656	15,188
12	37	98 551	47 611,753	741 845,739	15,581	15,113
13	38	98 498	44 786,929	694 233,986	15,501	15,032
14	39	98 431	42 123,688	649 447,057	15,418	14,949
15	40	98 360	39 617,421	607 323,369	15,330	14,861
16	41	98 279	37 256,078	567 705,948	15,238	14,770
17	42	98 179	35 028,770	530 449,870	15,143	14,675
18	43	98 068	32 931,238	495 421,100	15,044	14,576
19	44	97 943	30 954,343	462 489,862	14,941	14,473
20	45	97 802	29 091,629	431 535,519	14,834	14,365
21	46	97 649	27 337,584	402 443,890	14,721	14,253
22	47	97 481	25 685,329	375 106,306	14,604	14,136
23	48	97 298	24 128,885	349 420,977	14,481	14,013
24	49	97 098	22 662,801	325 292,092	14,354	13,885
25	50	96 875	21 280,766	302 629,290	14,221	13,752
26	51	96 637	19 979,868	281 348,525	14,082	13,613
27	52	96 378	18 754,156	261 368,657	13,937	13,468
28	53	96 091	17 598,340	242 614,501	13,786	13,318
29	54	95 779	16 509,366	225 016,160	13,630	13,161
30	55	95 436	15 482,592	208 506,794	13,467	12,999
31	56	95 065	14 515,202	193 024,202	13,298	12,830
32	57	94 656	13 602,558	178 509,000	13,123	12,655
33	58	94 212	12 742,364	164 906,441	12,942	12,473
34	59	93 730	11 931,440	152 164,077	12,753	12,285
35	60	93 202	11 166,353	140 232,637	12,558	12,090
36	61	92 617	10 443,572	129 066,284	12,358	11,890
37	62	92 017	9 765,576	118 622,712	12,147	11,679
38	63	91 372	9 126,720	108 857,136	11,927	11,459
39	64	90 675	8 524,339	99 730,417	11,699	11,231
40	65	89 916	7 955,749	91 206,078	11,464	10,996
41	66	89 084	7 418,436	83 250,328	11,222	10,754
42	67	88 189	6 911,899	75 831,892	10,971	10,503
43	68	87 204	6 432,653	68 919,993	10,714	10,246
44	69	86 171	5 982,605	62 487,340	10,445	9,976
45	70	85 056	5 557,783	56 504,735	10,167	9,698
46	71	83 848	5 156,561	50 946,952	9,880	9,412
47	72	82 544	4 777,786	45 790,391	9,584	9,116
48	73	81 153	4 420,928	41 012,605	9,277	8,809
49	74	79 674	4 085,044	36 591,677	8,957	8,489
50	75	78 064	3 767,078	32 506,633	8,629	8,161
51	76	76 306	3 465,647	28 739,555	8,293	7,824
52	77	74 353	3 178,275	25 273,908	7,952	7,484
53	78	72 214	2 905,260	22 095,634	7,605	7,137
54	79	69 834	2 644,275	19 190,373	7,257	6,789
55	80	67 159	2 393,376	16 546,099	6,913	6,445
56	81	64 182	2 152,754	14 152,722	6,574	6,106
57	82	60 935	1 923,616	11 999,968	6,238	5,770
58	83	57 431	1 706,357	10 076,351	5,905	5,437
59	84	53 639	1 499,936	8 369,995	5,580	5,112
60	85	49 570	1 304,627	6 870,059	5,266	4,798
61	86	45 283	1 121,689	5 565,431	4,962	4,493
62	87	40 804	951,278	4 443,743	4,671	4,203
63	88	36 230	794,964	3 492,465	4,393	3,925
64	89	31 651	653,634	2 697,501	4,127	3,659
65	90	27 115	527,013	2 043,867	3,878	3,410
66	91	22 748	416,139	1 516,854	3,645	3,177
67	92	18 632	320,791	1 100,714	3,431	2,963
68	93	14 866	240,889	779,923	3,238	2,769
69	94	11 536	175,937	539,034	3,064	2,595
70	95	8 641	124,033	363,097	2,927	2,459
71	96	6 344	85,701	239,064	2,790	2,321
72	97	4 521	57,486	153,363	2,668	2,199
73	98	3 183	38,092	95,877	2,517	2,049
74	99	2 150	24,221	57,785	2,386	1,917
75	100	1 395	14,789	33,565	2,269	1,801

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	93 783,850	1 558 980,516	16,623	16,155
2	1	99 313	87 972,744	1 465 196,666	16,655	16,187
3	2	99 275	82 765,835	1 377 223,922	16,640	16,172
4	3	99 250	77 877,953	1 294 458,087	16,622	16,153
5	4	99 227	73 279,664	1 216 580,134	16,602	16,134
6	5	99 208	68 956,326	1 143 300,470	16,580	16,112
7	6	99 191	64 888,474	1 074 344,144	16,557	16,088
8	7	99 176	61 062,343	1 009 455,670	16,532	16,063
9	8	99 163	57 462,926	948 393,327	16,504	16,036
10	9	99 149	54 075,057	890 930,401	16,476	16,007
11	10	99 135	50 886,964	836 855,344	16,445	15,977
12	11	99 120	47 886,499	785 968,380	16,413	15,945
13	12	99 105	45 062,757	738 081,882	16,379	15,911
14	13	99 087	42 404,596	693 019,124	16,343	15,875
15	14	99 067	39 901,967	650 614,528	16,305	15,837
16	15	99 042	37 545,208	610 712,561	16,266	15,798
17	16	99 004	35 323,145	573 167,353	16,226	15,758
18	17	98 961	33 230,876	537 844,208	16,185	15,717
19	18	98 908	31 259,551	504 613,333	16,143	15,674
20	19	98 847	29 402,480	473 353,782	16,099	15,631
21	20	98 783	27 655,110	443 951,302	16,053	15,585
22	21	98 721	26 011,881	416 296,192	16,004	15,536
23	22	98 660	24 466,678	390 284,310	15,952	15,483
24	23	98 598	23 012,904	365 817,633	15,896	15,428
25	24	98 528	21 644,036	342 804,729	15,838	15,370
26	25	98 464	20 357,604	321 160,693	15,776	15,308
27	26	98 399	19 147,448	300 803,089	15,710	15,241
28	27	98 328	18 008,114	281 655,641	15,640	15,172
29	28	98 256	16 936,382	263 647,527	15,567	15,099
30	29	98 175	15 927,024	246 711,145	15,490	15,022
31	30	98 093	14 977,627	230 784,120	15,409	14,940
32	31	97 997	14 082,704	215 806,493	15,324	14,856
33	32	97 897	13 240,797	201 723,789	15,235	14,767
34	33	97 793	12 448,756	188 482,991	15,141	14,672
35	34	97 680	11 702,873	176 034,235	15,042	14,574
36	35	97 555	11 000,387	164 331,362	14,939	14,470
37	36	97 429	10 339,956	153 330,975	14,829	14,361
38	37	97 292	9 718,046	142 991,019	14,714	14,246
39	38	97 145	9 132,592	133 272,973	14,593	14,125
40	39	96 983	8 580,972	124 140,381	14,467	13,999
41	40	96 803	8 061,254	115 559,409	14,335	13,867
42	41	96 609	7 571,871	107 498,155	14,197	13,729
43	42	96 392	7 110,420	99 926,284	14,053	13,585
44	43	96 154	6 675,656	92 815,864	13,904	13,435
45	44	95 895	6 266,045	86 140,208	13,747	13,279
46	45	95 601	5 879,395	79 874,163	13,585	13,117
47	46	95 286	5 515,319	73 994,768	13,416	12,948
48	47	94 929	5 171,410	68 479,449	13,242	12,774
49	48	94 529	4 846,698	63 308,039	13,062	12,594
50	49	94 081	4 539,969	58 461,341	12,877	12,409
51	50	93 580	4 250,168	53 921,372	12,687	12,219
52	51	93 035	3 976,861	49 671,203	12,490	12,022
53	52	92 418	3 718,134	45 694,342	12,290	11,821
54	53	91 732	3 473,422	41 976,208	12,085	11,617
55	54	90 971	3 241,995	38 502,786	11,876	11,408
56	55	90 140	3 023,403	35 260,791	11,663	11,194
57	56	89 227	2 816,755	32 237,388	11,445	10,977
58	57	88 234	2 621,552	29 420,633	11,223	10,754
59	58	87 140	2 436,750	26 799,081	10,998	10,530
60	59	85 953	2 262,175	24 362,331	10,769	10,301
61	60	84 679	2 097,547	22 100,155	10,536	10,068
62	61	83 297	1 941,944	20 002,608	10,300	9,832
63	62	81 827	1 795,446	18 060,664	10,059	9,591
64	63	80 267	1 657,614	16 265,218	9,812	9,344
65	64	78 600	1 527,708	14 607,604	9,562	9,093
66	65	76 828	1 405,431	13 079,896	9,307	8,838
67	66	74 967	1 290,712	11 674,465	9,045	8,577
68	67	72 978	1 182,556	10 383,753	8,781	8,312
69	68	70 918	1 081,590	9 201,196	8,507	8,039
70	69	68 746	986,777	8 119,607	8,228	7,760
71	70	66 455	897,781	7 132,829	7,945	7,477
72	71	64 044	814,317	6 235,049	7,657	7,188
73	72	61 534	736,381	5 420,732	7,361	6,893
74	73	58 931	663,749	4 684,351	7,057	6,589
75	74	56 225	596,016	4 020,602	6,746	6,277
76	75	53 382	532,596	3 424,586	6,430	5,962
77	76	50 393	473,200	2 891,990	6,112	5,643
78	77	47 260	417,671	2 418,791	5,791	5,323
79	78	43 972	365,757	2 001,120	5,471	5,003
80	79	40 502	317,078	1 635,363	5,158	4,689
81	80	36 874	271,693	1 318,285	4,852	4,384
82	81	33 099	229,530	1 046,592	4,560	4,091
83	82	29 275	191,069	817,062	4,276	3,808
84	83	25 443	156,294	625,993	4,005	3,537
85	84	21 681	125,349	469,699	3,747	3,279
86	85	18 049	98,214	344,350	3,506	3,038
87	86	14 656	75,061	246,136	3,279	2,811
88	87	11 578	55,805	171,076	3,066	2,597
89	88	8 871	40,243	115,271	2,864	2,396
90	89	6 577	28,080	75,028	2,672	2,204
91	90	4 689	18,844	46,948	2,491	2,023
92	91	3 187	12,053	28,104	2,332	1,863
93	92	2 059	7,328	16,050	2,190	1,722
94	93	1 265	4,237	8,722	2,059	1,590
95	94	727	2,291	4,485	1,958	1,489
96	95	397	1,178	2,194	1,863	1,395
97	96	205	0,572	1,017	1,777	1,309
98	97	99	0,260	0,445	1,707	1,239
99	98	46	0,113	0,184	1,629	1,160
100	99	20	0,046	0,071	1,561	1,093

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	88 243,109	1 466 075,369	16,614	16,146
3	1	99 297	82 784,963	1 377 832,260	16,644	16,175
4	2	99 262	77 887,228	1 295 047,297	16,627	16,159
5	3	99 238	73 288,396	1 217 160,069	16,608	16,139
6	4	99 217	68 962,596	1 143 871,673	16,587	16,118
7	5	99 198	64 893,341	1 074 909,077	16,564	16,096
8	6	99 182	61 066,363	1 010 015,736	16,540	16,071
9	7	99 168	57 465,759	948 949,374	16,513	16,045
10	8	99 155	54 078,405	891 483,615	16,485	16,017
11	9	99 141	50 890,257	837 405,210	16,455	15,987
12	10	99 126	47 889,336	786 514,953	16,424	15,955
13	11	99 112	45 066,114	738 625,617	16,390	15,921
14	12	99 095	42 407,951	693 559,503	16,354	15,886
15	13	99 075	39 905,388	651 151,551	16,317	15,849
16	14	99 052	37 549,148	611 246,164	16,279	15,810
17	15	99 016	35 327,565	573 697,016	16,239	15,771
18	16	98 975	33 235,565	538 369,451	16,199	15,730
19	17	98 923	31 264,129	505 133,886	16,157	15,689
20	18	98 867	29 408,469	473 869,757	16,113	15,645
21	19	98 802	27 660,449	444 461,289	16,068	15,600
22	20	98 739	26 016,699	416 800,839	16,021	15,552
23	21	98 676	24 470,729	390 784,141	15,969	15,501
24	22	98 615	23 016,887	366 313,412	15,915	15,447
25	23	98 550	21 648,734	343 296,525	15,858	15,389
26	24	98 481	20 361,056	321 647,791	15,797	15,329
27	25	98 418	19 151,019	301 286,735	15,732	15,264
28	26	98 347	18 011,618	282 135,715	15,664	15,196
29	27	98 278	16 940,083	264 124,097	15,592	15,123
30	28	98 200	15 930,997	247 184,015	15,516	15,048
31	29	98 119	14 981,504	231 253,017	15,436	14,968
32	30	98 026	14 086,887	216 271,513	15,353	14,884
33	31	97 928	13 245,025	202 184,626	15,265	14,797
34	32	97 827	12 453,078	188 939,601	15,172	14,704
35	33	97 715	11 707,042	176 486,523	15,075	14,607
36	34	97 593	11 004,691	164 779,481	14,974	14,505
37	35	97 468	10 344,119	153 774,790	14,866	14,398
38	36	97 338	9 722,605	143 430,671	14,752	14,284
39	37	97 190	9 136,797	133 708,067	14,634	14,166
40	38	97 039	8 586,000	124 571,269	14,509	14,040
41	39	96 861	8 066,059	115 985,269	14,379	13,911
42	40	96 675	7 577,014	107 919,210	14,243	13,775
43	41	96 465	7 115,848	100 342,197	14,101	13,633
44	42	96 234	6 681,200	93 226,348	13,954	13,485
45	43	95 981	6 271,689	86 545,148	13,799	13,331
46	44	95 699	5 885,398	80 273,459	13,639	13,171
47	45	95 392	5 521,458	74 388,061	13,473	13,004
48	46	95 050	5 177,985	68 866,602	13,300	12,832
49	47	94 664	4 853,656	63 688,617	13,122	12,653
50	48	94 231	4 547,243	58 834,962	12,939	12,470
51	49	93 750	4 257,881	54 287,718	12,750	12,282
52	50	93 218	3 984,714	50 029,837	12,555	12,087
53	51	92 623	3 726,365	46 045,123	12,357	11,888
54	52	91 958	3 481,971	42 318,758	12,154	11,685
55	53	91 221	3 250,880	38 836,787	11,947	11,478
56	54	90 412	3 032,529	35 585,907	11,735	11,266
57	55	89 524	2 826,119	32 553,377	11,519	11,050
58	56	88 555	2 631,074	29 727,258	11,299	10,830
59	57	87 489	2 446,517	27 096,185	11,075	10,607
60	58	86 334	2 272,197	24 649,667	10,848	10,380
61	59	85 090	2 107,728	22 377,470	10,617	10,149
62	60	83 749	1 952,470	20 269,742	10,382	9,913
63	61	82 287	1 805,548	18 317,273	10,145	9,677
64	62	80 757	1 667,748	16 511,725	9,901	9,432
65	63	79 121	1 537,834	14 843,976	9,653	9,184
66	64	77 392	1 415,748	13 306,142	9,399	8,930
67	65	75 572	1 301,137	11 890,394	9,138	8,670
68	66	73 621	1 192,978	10 589,258	8,876	8,408
69	67	71 613	1 092,178	9 396,280	8,603	8,135
70	68	69 455	996,961	8 304,102	8,329	7,861
71	69	67 205	907,924	7 307,141	8,048	7,580
72	70	64 834	824,360	6 399,217	7,763	7,294
73	71	62 369	746,375	5 574,856	7,469	7,001
74	72	59 793	673,453	4 828,482	7,170	6,701
75	73	57 109	605,390	4 155,029	6,863	6,395
76	74	54 311	541,866	3 549,639	6,551	6,082
77	75	51 373	482,398	3 007,773	6,235	5,767
78	76	48 314	426,991	2 525,376	5,914	5,446
79	77	45 074	374,924	2 098,385	5,597	5,128
80	78	41 673	326,246	1 723,461	5,283	4,814
81	79	38 130	280,943	1 397,215	4,973	4,505
82	80	34 421	238,698	1 116,272	4,677	4,208
83	81	30 624	199,876	877,574	4,391	3,922
84	82	26 792	164,579	677,698	4,118	3,649
85	83	23 018	133,078	513,119	3,856	3,387
86	84	19 350	105,291	380,041	3,609	3,141
87	85	15 883	81,342	274,749	3,378	2,909
88	86	12 707	61,250	193,407	3,158	2,689
89	87	9 869	44,773	132,157	2,952	2,483
90	88	7 430	31,723	87,384	2,755	2,286
91	89	5 396	21,683	55,661	2,567	2,099
92	90	3 740	14,146	33,978	2,402	1,934
93	91	2 472	8,801	19,832	2,253	1,785
94	92	1 557	5,215	11,031	2,115	1,647
95	93	919	2,897	5,816	2,008	1,539
96	94	519	1,540	2,919	1,896	1,427
97	95	273	0,762	1,379	1,810	1,342
98	96	136	0,356	0,617	1,732	1,264
99	97	63	0,156	0,261	1,667	1,199
100	98	28	0,066	0,104	1,594	1,126

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	83 039,384	1 378 644,442	16,602	16,134
4	1	99 285	77 905,228	1 295 605,058	16,631	16,162
5	2	99 250	73 297,124	1 217 699,829	16,613	16,145
6	3	99 229	68 970,813	1 144 402,706	16,593	16,124
7	4	99 207	64 899,242	1 075 431,892	16,571	16,102
8	5	99 190	61 070,943	1 010 532,650	16,547	16,079
9	6	99 174	57 469,542	949 461,707	16,521	16,053
10	7	99 160	54 081,071	891 992,166	16,494	16,025
11	8	99 147	50 893,408	837 911,095	16,464	15,996
12	9	99 132	47 892,435	787 017,687	16,433	15,965
13	10	99 118	45 068,785	739 125,252	16,400	15,932
14	11	99 103	42 411,110	694 056,467	16,365	15,897
15	12	99 083	39 908,545	651 645,357	16,328	15,860
16	13	99 060	37 552,367	611 736,812	16,290	15,822
17	14	99 026	35 331,272	574 184,445	16,251	15,783
18	15	98 987	33 239,723	538 853,173	16,211	15,743
19	16	98 937	31 268,541	505 613,449	16,170	15,702
20	17	98 881	29 412,775	474 344,909	16,127	15,659
21	18	98 822	27 666,083	444 932,133	16,082	15,614
22	19	98 758	26 021,722	417 266,050	16,035	15,567
23	20	98 694	24 475,261	391 244,329	15,985	15,517
24	21	98 631	23 020,698	366 769,067	15,932	15,464
25	22	98 567	21 652,481	343 748,369	15,876	15,407
26	23	98 502	20 365,475	322 095,889	15,816	15,347
27	24	98 434	19 154,267	301 730,413	15,753	15,284
28	25	98 366	18 014,977	282 576,146	15,686	15,217
29	26	98 297	16 943,379	264 561,169	15,614	15,146
30	27	98 221	15 934,478	247 617,790	15,540	15,071
31	28	98 143	14 985,242	231 683,312	15,461	14,992
32	29	98 051	14 090,534	216 698,070	15,379	14,911
33	30	97 957	13 248,959	202 607,537	15,292	14,824
34	31	97 859	12 457,054	189 358,577	15,201	14,733
35	32	97 749	11 711,106	176 901,523	15,105	14,637
36	33	97 628	11 008,610	165 190,417	15,006	14,537
37	34	97 507	10 348,166	154 181,807	14,899	14,431
38	35	97 377	9 726,519	143 833,641	14,788	14,319
39	36	97 236	9 141,083	134 107,121	14,671	14,202
40	37	97 084	8 589,953	124 966,038	14,548	14,080
41	38	96 918	8 070,786	116 376,085	14,419	13,951
42	39	96 732	7 581,530	108 305,299	14,285	13,817
43	40	96 531	7 120,681	100 723,769	14,145	13,677
44	41	96 307	6 686,301	93 603,088	13,999	13,531
45	42	96 061	6 276,898	86 916,787	13,847	13,379
46	43	95 785	5 890,699	80 639,889	13,689	13,221
47	44	95 490	5 527,096	74 749,190	13,524	13,056
48	45	95 155	5 183,749	69 222,094	13,354	12,885
49	46	94 785	4 859,826	64 038,344	13,177	12,709
50	47	94 367	4 553,771	59 178,518	12,995	12,527
51	48	93 900	4 264,703	54 624,747	12,809	12,340
52	49	93 388	3 991,945	50 360,044	12,615	12,147
53	50	92 806	3 733,723	46 368,099	12,419	11,950
54	51	92 161	3 489,679	42 634,376	12,217	11,749
55	52	91 445	3 258,882	39 144,697	12,012	11,543
56	53	90 660	3 040,840	35 885,815	11,801	11,333
57	54	89 794	2 834,650	32 844,974	11,587	11,119
58	55	88 849	2 639,820	30 010,324	11,368	10,900
59	56	87 807	2 455,403	27 370,504	11,147	10,679
60	57	86 680	2 281,305	24 915,100	10,921	10,453
61	58	85 467	2 117,065	22 633,796	10,691	10,223
62	59	84 155	1 961,946	20 516,731	10,457	9,989
63	60	82 733	1 815,334	18 554,785	10,221	9,753
64	61	81 212	1 677,132	16 739,450	9,981	9,513
65	62	79 604	1 547,236	15 062,318	9,735	9,267
66	63	77 905	1 425,131	13 515,082	9,483	9,015
67	64	76 127	1 310,688	12 089,951	9,224	8,756
68	65	74 215	1 202,613	10 779,262	8,963	8,495
69	66	72 244	1 101,803	9 576,649	8,692	8,223
70	67	70 135	1 006,721	8 474,846	8,418	7,950
71	68	67 899	917,294	7 468,126	8,141	7,673
72	69	65 566	833,674	6 550,832	7,858	7,389
73	70	63 138	755,580	5 717,157	7,567	7,098
74	71	60 604	682,593	4 961,577	7,269	6,800
75	72	57 944	614,240	4 278,984	6,966	6,498
76	73	55 166	550,387	3 664,744	6,658	6,190
77	74	52 267	490,794	3 114,356	6,346	5,877
78	75	49 253	435,291	2 623,562	6,027	5,559
79	76	46 080	383,290	2 188,271	5,709	5,241
80	77	42 718	334,423	1 804,981	5,397	4,929
81	78	39 232	289,066	1 470,558	5,087	4,619
82	79	35 593	246,824	1 181,492	4,787	4,318
83	80	31 847	207,859	934,668	4,497	4,028
84	81	28 027	172,165	726,809	4,222	3,753
85	82	24 238	140,133	554,644	3,958	3,490
86	83	20 543	111,784	414,511	3,708	3,240
87	84	17 028	87,204	302,727	3,471	3,003
88	85	13 771	66,376	215,523	3,247	2,779
89	86	10 833	49,142	149,147	3,035	2,567
90	87	8 266	35,294	100,005	2,833	2,365
91	88	6 096	24,496	64,710	2,642	2,173
92	89	4 304	16,277	40,215	2,471	2,002
93	90	2 902	10,329	23,937	2,318	1,849
94	91	1 869	6,263	13,609	2,173	1,704
95	92	1 131	3,566	7,346	2,060	1,592
96	93	656	1,947	3,780	1,941	1,473
97	94	357	0,996	1,833	1,840	1,371
98	95	181	0,475	0,837	1,762	1,294
99	96	87	0,214	0,362	1,690	1,221
100	97	39	0,091	0,148	1,630	1,162

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	78 144,652	1 296 355,560	16,589	16,121
5	1	99 273	73 314,064	1 218 210,908	16,616	16,148
6	2	99 241	68 979,027	1 144 896,844	16,598	16,129
7	3	99 219	64 906,975	1 075 917,817	16,576	16,108
8	4	99 199	61 076,497	1 011 010,842	16,553	16,085
9	5	99 182	57 473,852	949 934,345	16,528	16,060
10	6	99 166	54 084,631	892 460,493	16,501	16,033
11	7	99 152	50 895,917	838 375,862	16,472	16,004
12	8	99 138	47 895,400	787 479,946	16,442	15,973
13	9	99 124	45 071,701	739 584,545	16,409	15,941
14	10	99 108	42 413,623	694 512,844	16,375	15,906
15	11	99 091	39 911,518	652 099,221	16,339	15,870
16	12	99 068	37 555,338	612 187,703	16,301	15,833
17	13	99 035	35 334,301	574 632,365	16,263	15,794
18	14	98 997	33 243,212	539 298,064	16,223	15,754
19	15	98 949	31 272,453	506 054,852	16,182	15,714
20	16	98 895	29 416,926	474 782,399	16,140	15,671
21	17	98 837	27 670,135	445 365,473	16,096	15,627
22	18	98 778	26 027,022	417 695,338	16,049	15,580
23	19	98 714	24 479,986	391 668,316	16,000	15,531
24	20	98 649	23 024,962	367 188,330	15,947	15,479
25	21	98 583	21 656,066	344 163,368	15,892	15,424
26	22	98 519	20 369,000	322 507,303	15,833	15,365
27	23	98 456	19 158,424	302 138,302	15,771	15,302
28	24	98 382	18 018,032	282 979,878	15,705	15,237
29	25	98 315	16 946,539	264 961,846	15,635	15,167
30	26	98 240	15 937,579	248 015,307	15,562	15,093
31	27	98 165	14 988,516	232 077,728	15,484	15,015
32	28	98 076	14 094,049	217 089,212	15,403	14,935
33	29	97 983	13 252,389	202 995,163	15,318	14,849
34	30	97 888	12 460,754	189 742,775	15,227	14,759
35	31	97 780	11 714,845	177 282,021	15,133	14,665
36	32	97 662	11 012,432	165 567,175	15,035	14,566
37	33	97 541	10 351,852	154 554,743	14,930	14,462
38	34	97 415	9 730,325	144 202,891	14,820	14,352
39	35	97 275	9 144,764	134 472,566	14,705	14,237
40	36	97 130	8 593,983	125 327,803	14,583	14,115
41	37	96 962	8 074,502	116 733,820	14,457	13,989
42	38	96 789	7 585,973	108 659,318	14,324	13,855
43	39	96 588	7 124,925	101 073,345	14,186	13,718
44	40	96 373	6 690,842	93 948,420	14,041	13,573
45	41	96 134	6 281,690	87 257,578	13,891	13,422
46	42	95 865	5 895,592	80 975,888	13,735	13,267
47	43	95 576	5 532,075	75 080,296	13,572	13,103
48	44	95 252	5 189,042	69 548,221	13,403	12,935
49	45	94 890	4 865,236	64 359,179	13,228	12,760
50	46	94 487	4 559,561	59 493,943	13,048	12,580
51	47	94 035	4 270,826	54 934,382	12,863	12,394
52	48	93 537	3 998,341	50 663,557	12,671	12,203
53	49	92 974	3 740,498	46 665,216	12,476	12,007
54	50	92 343	3 496,570	42 924,718	12,276	11,808
55	51	91 647	3 266,096	39 428,148	12,072	11,604
56	52	90 883	3 048,325	36 162,052	11,863	11,395
57	53	90 040	2 842,419	33 113,727	11,650	11,181
58	54	89 117	2 647,789	30 271,308	11,433	10,964
59	55	88 099	2 463,566	27 623,519	11,213	10,744
60	56	86 995	2 289,590	25 159,953	10,989	10,520
61	57	85 810	2 125,551	22 870,362	10,760	10,291
62	58	84 528	1 970,638	20 744,811	10,527	10,059
63	59	83 135	1 824,145	18 774,174	10,292	9,824
64	60	81 652	1 686,223	16 950,029	10,052	9,584
65	61	80 052	1 555,942	15 263,806	9,810	9,342
66	62	78 381	1 433,844	13 707,864	9,560	9,092
67	63	76 632	1 319,376	12 274,020	9,303	8,835
68	64	74 760	1 211,441	10 954,644	9,043	8,574
69	65	72 827	1 110,702	9 743,203	8,772	8,304
70	66	70 753	1 015,592	8 632,501	8,500	8,032
71	67	68 564	926,274	7 616,909	8,223	7,755
72	68	66 243	842,278	6 690,635	7,944	7,475
73	69	63 852	764,117	5 848,357	7,654	7,185
74	70	61 352	691,012	5 084,240	7,358	6,889
75	71	58 730	622,577	4 393,228	7,057	6,588
76	72	55 972	558,434	3 770,651	6,752	6,284
77	73	53 089	498,513	3 212,217	6,444	5,975
78	74	50 111	442,867	2 713,704	6,128	5,659
79	75	46 976	390,740	2 270,837	5,812	5,343
80	76	43 671	341,885	1 880,096	5,499	5,031
81	77	40 215	296,311	1 538,211	5,191	4,723
82	78	36 622	253,961	1 241,900	4,890	4,422
83	79	32 931	214,935	987,940	4,596	4,128
84	80	29 146	179,042	773,004	4,317	3,849
85	81	25 355	146,592	593,962	4,052	3,583
86	82	21 632	117,710	447,370	3,801	3,332
87	83	18 078	92,581	329,660	3,561	3,092
88	84	14 763	71,159	237,079	3,332	2,863
89	85	11 739	53,255	165,920	3,116	2,647
90	86	9 073	38,738	112,665	2,908	2,440
91	87	6 782	27,254	73,927	2,713	2,244
92	88	4 862	18,388	46,673	2,538	2,070
93	89	3 339	11,884	28,284	2,380	1,912
94	90	2 194	7,351	16,400	2,231	1,763
95	91	1 358	4,283	9,049	2,113	1,645
96	92	808	2,397	4,767	1,989	1,521
97	93	451	1,260	2,370	1,882	1,413
98	94	236	0,621	1,111	1,789	1,321
99	95	115	0,285	0,490	1,718	1,249
100	96	53	0,124	0,205	1,651	1,182

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	73 539,378	1 218 904,284	16,575	16,106
6	1	99 264	68 994,969	1 145 364,906	16,601	16,132
7	2	99 231	64 914,705	1 076 369,937	16,581	16,113
8	3	99 210	61 083,774	1 011 455,232	16,558	16,090
9	4	99 191	57 479,079	950 371,458	16,534	16,066
10	5	99 174	54 088,687	892 892,379	16,508	16,040
11	6	99 158	50 899,267	838 803,692	16,480	16,011
12	7	99 143	47 897,762	787 904,424	16,450	15,981
13	8	99 130	45 074,492	740 006,663	16,417	15,949
14	9	99 115	42 416,368	694 932,171	16,384	15,915
15	10	99 096	39 913,883	652 515,803	16,348	15,880
16	11	99 076	37 558,136	612 601,920	16,311	15,842
17	12	99 043	35 337,097	575 043,785	16,273	15,805
18	13	99 006	33 246,062	539 706,688	16,234	15,765
19	14	98 959	31 275,735	506 460,626	16,193	15,725
20	15	98 908	29 420,607	475 184,892	16,151	15,683
21	16	98 851	27 674,039	445 764,285	16,108	15,639
22	17	98 793	26 030,833	418 090,245	16,061	15,593
23	18	98 734	24 484,973	392 059,412	16,012	15,544
24	19	98 668	23 029,407	367 574,440	15,961	15,493
25	20	98 601	21 660,077	344 545,033	15,907	15,439
26	21	98 536	20 372,373	322 884,956	15,849	15,381
27	22	98 473	19 161,740	302 512,583	15,787	15,319
28	23	98 404	18 021,943	283 350,843	15,723	15,254
29	24	98 332	16 949,413	265 328,900	15,654	15,186
30	25	98 259	15 940,551	248 379,487	15,582	15,113
31	26	98 184	14 991,432	232 438,936	15,505	15,036
32	27	98 097	14 097,128	217 447,503	15,425	14,957
33	28	98 007	13 255,694	203 350,375	15,341	14,872
34	29	97 913	12 463,980	190 094,681	15,252	14,783
35	30	97 809	11 718,325	177 630,701	15,158	14,690
36	31	97 693	11 015,949	165 912,376	15,061	14,593
37	32	97 575	10 355,446	154 896,428	14,958	14,490
38	33	97 450	9 733,791	144 540,982	14,849	14,381
39	34	97 313	9 148,342	134 807,191	14,736	14,267
40	35	97 169	8 597,443	125 658,850	14,616	14,147
41	36	97 008	8 078,289	117 061,407	14,491	14,023
42	37	96 834	7 589,466	108 983,117	14,360	13,891
43	38	96 645	7 129,101	101 393,652	14,223	13,754
44	39	96 430	6 694,830	94 264,551	14,080	13,612
45	40	96 200	6 285,956	87 569,721	13,931	13,463
46	41	95 938	5 900,093	81 283,765	13,777	13,308
47	42	95 655	5 536,669	75 383,672	13,615	13,147
48	43	95 338	5 193,716	69 847,003	13,448	12,980
49	44	94 987	4 870,204	64 653,287	13,275	12,807
50	45	94 592	4 564,636	59 783,083	13,097	12,629
51	46	94 154	4 276,255	55 218,446	12,913	12,444
52	47	93 672	4 004,081	50 942,191	12,723	12,254
53	48	93 123	3 746,491	46 938,110	12,529	12,060
54	49	92 511	3 502,915	43 191,619	12,330	11,862
55	50	91 828	3 272,545	39 688,704	12,128	11,659
56	51	91 084	3 055,073	36 416,159	11,920	11,452
57	52	90 262	2 849,415	33 361,086	11,708	11,240
58	53	89 362	2 655,046	30 511,671	11,492	11,024
59	54	88 365	2 471,003	27 856,625	11,273	10,805
60	55	87 284	2 297,202	25 385,622	11,051	10,582
61	56	86 121	2 133,271	23 088,420	10,823	10,355
62	57	84 867	1 978,537	20 955,149	10,591	10,123
63	58	83 503	1 832,226	18 976,613	10,357	9,889
64	59	82 048	1 694,407	17 144,386	10,118	9,650
65	60	80 486	1 564,375	15 449,980	9,876	9,408
66	61	78 822	1 441,912	13 885,605	9,630	9,162
67	62	77 100	1 327,442	12 443,693	9,374	8,906
68	63	75 256	1 219,471	11 116,250	9,116	8,647
69	64	73 362	1 118,855	9 896,780	8,845	8,377
70	65	71 325	1 023,795	8 777,924	8,574	8,106
71	66	69 168	934,436	7 754,129	8,298	7,830
72	67	66 891	850,523	6 819,693	8,018	7,550
73	68	64 511	772,003	5 969,170	7,732	7,264
74	69	62 045	698,819	5 197,166	7,437	6,969
75	70	59 455	630,256	4 498,347	7,137	6,669
76	71	56 732	566,013	3 868,091	6,834	6,366
77	72	53 865	505,801	3 302,078	6,528	6,060
78	73	50 899	449,832	2 796,277	6,216	5,748
79	74	47 794	397,542	2 346,445	5,902	5,434
80	75	44 520	348,530	1 948,903	5,592	5,123
81	76	41 113	302,923	1 600,373	5,283	4,815
82	77	37 540	260,326	1 297,450	4,984	4,516
83	78	33 884	221,150	1 037,124	4,690	4,221
84	79	30 139	185,137	815,974	4,407	3,939
85	80	26 368	152,447	630,837	4,138	3,670
86	81	22 629	123,135	478,390	3,885	3,417
87	82	19 036	97,489	355,254	3,644	3,176
88	83	15 673	75,547	257,765	3,412	2,944
89	84	12 585	57,093	182,218	3,192	2,723
90	85	9 832	41,980	125,125	2,981	2,512
91	86	7 444	29,913	83,145	2,780	2,311
92	87	5 409	20,459	53,232	2,602	2,134
93	88	3 772	13,426	32,773	2,441	1,973
94	89	2 525	8,458	19,347	2,287	1,819
95	90	1 594	5,026	10,889	2,167	1,698
96	91	970	2,878	5,863	2,037	1,569
97	92	555	1,550	2,985	1,925	1,457
98	93	299	0,785	1,435	1,828	1,360
99	94	151	0,373	0,650	1,743	1,274
100	95	71	0,165	0,277	1,677	1,208

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	69 207,010	1 146 005,429	16,559	16,091
7	1	99 254	64 929,707	1 076 798,419	16,584	16,116
8	2	99 222	61 091,049	1 011 868,712	16,563	16,095
9	3	99 202	57 485,927	950 777,663	16,539	16,071
10	4	99 183	54 093,606	893 291,736	16,514	16,045
11	5	99 166	50 903,085	839 198,130	16,486	16,018
12	6	99 150	47 900,915	788 295,045	16,457	15,988
13	7	99 135	45 076,714	740 394,130	16,425	15,957
14	8	99 121	42 418,994	695 317,417	16,392	15,923
15	9	99 103	39 916,466	652 898,423	16,357	15,888
16	10	99 082	37 560,361	612 981,957	16,320	15,852
17	11	99 050	35 339,729	575 421,596	16,283	15,814
18	12	99 014	33 248,692	540 081,867	16,244	15,775
19	13	98 968	31 278,416	506 833,174	16,204	15,736
20	14	98 918	29 423,694	475 554,758	16,162	15,694
21	15	98 863	27 677,502	446 131,064	16,119	15,651
22	16	98 807	26 034,507	418 453,562	16,073	15,605
23	17	98 748	24 488,558	392 419,055	16,025	15,556
24	18	98 688	23 034,098	367 930,497	15,973	15,505
25	19	98 621	21 664,258	344 896,400	15,920	15,452
26	20	98 554	20 376,146	323 232,141	15,863	15,395
27	21	98 489	19 164,913	302 855,995	15,803	15,334
28	22	98 421	18 025,062	283 691,082	15,739	15,270
29	23	98 353	16 953,092	265 666,020	15,671	15,202
30	24	98 275	15 943,255	248 712,928	15,600	15,132
31	25	98 202	14 994,228	232 769,674	15,524	15,056
32	26	98 116	14 099,871	217 775,445	15,445	14,977
33	27	98 028	13 258,591	203 675,574	15,362	14,893
34	28	97 937	12 467,089	190 416,984	15,274	14,805
35	29	97 834	11 721,358	177 949,895	15,182	14,713
36	30	97 722	11 019,221	166 228,537	15,085	14,617
37	31	97 606	10 358,752	155 209,316	14,983	14,515
38	32	97 484	9 737,170	144 850,564	14,876	14,408
39	33	97 348	9 151,600	135 113,394	14,764	14,296
40	34	97 207	8 600,807	125 961,794	14,645	14,177
41	35	97 047	8 081,542	117 360,987	14,522	14,054
42	36	96 879	7 593,026	109 279,445	14,392	13,924
43	37	96 689	7 132,383	101 686,419	14,257	13,789
44	38	96 487	6 698,754	94 554,036	14,115	13,647
45	39	96 257	6 289,703	87 855,283	13,968	13,500
46	40	96 003	5 904,100	81 565,580	13,815	13,347
47	41	95 728	5 540,896	75 661,480	13,655	13,187
48	42	95 417	5 198,030	70 120,584	13,490	13,021
49	43	95 073	4 874,591	64 922,554	13,319	12,850
50	44	94 688	4 569,297	60 047,964	13,142	12,673
51	45	94 259	4 281,016	55 478,666	12,959	12,491
52	46	93 791	4 009,171	51 197,651	12,770	12,302
53	47	93 257	3 751,870	47 188,479	12,577	12,109
54	48	92 659	3 508,527	43 436,610	12,380	11,912
55	49	91 995	3 278,484	39 928,083	12,179	11,710
56	50	91 264	3 061,105	36 649,599	11,973	11,504
57	51	90 462	2 855,723	33 588,493	11,762	11,293
58	52	89 581	2 661,581	30 732,770	11,547	11,078
59	53	88 607	2 477,775	28 071,190	11,329	10,861
60	54	87 548	2 304,137	25 593,415	11,108	10,639
61	55	86 408	2 140,363	23 289,278	10,881	10,413
62	56	85 175	1 985,723	21 148,915	10,650	10,182
63	57	83 838	1 839,570	19 163,193	10,417	9,949
64	58	82 412	1 701,913	17 323,622	10,179	9,711
65	59	80 877	1 571,968	15 621,709	9,938	9,469
66	60	79 249	1 449,728	14 049,742	9,691	9,223
67	61	77 534	1 334,911	12 600,014	9,439	8,970
68	62	75 716	1 226,926	11 265,103	9,182	8,713
69	63	73 848	1 126,271	10 038,176	8,913	8,444
70	64	71 848	1 031,311	8 911,905	8,641	8,173
71	65	69 727	941,984	7 880,595	8,366	7,898
72	66	67 481	858,018	6 938,611	8,087	7,618
73	67	65 142	779,561	6 080,593	7,800	7,332
74	68	62 685	706,031	5 301,032	7,508	7,040
75	69	60 127	637,376	4 595,001	7,209	6,741
76	70	57 431	572,994	3 957,624	6,907	6,439
77	71	54 596	512,666	3 384,630	6,602	6,134
78	72	51 643	456,409	2 871,964	6,293	5,824
79	73	48 545	403,794	2 415,555	5,982	5,514
80	74	45 295	354,597	2 011,762	5,673	5,205
81	75	41 912	308,811	1 657,165	5,366	4,898
82	76	38 377	266,135	1 348,354	5,066	4,598
83	77	34 733	226,693	1 082,219	4,774	4,306
84	78	31 010	190,490	855,526	4,491	4,023
85	79	27 266	157,637	665,036	4,219	3,750
86	80	23 533	128,054	507,399	3,962	3,494
87	81	19 913	101,983	379,345	3,720	3,251
88	82	16 504	79,552	277,363	3,487	3,018
89	83	13 361	60,613	197,811	3,263	2,795
90	84	10 541	45,005	137,197	3,048	2,580
91	85	8 067	32,416	92,192	2,844	2,376
92	86	5 937	22,455	59,776	2,662	2,194
93	87	4 196	14,938	37,320	2,498	2,030
94	88	2 852	9,555	22,383	2,342	1,874
95	89	1 834	5,783	12,828	2,218	1,750
96	90	1 138	3,378	7,044	2,085	1,617
97	91	667	1,862	3,667	1,969	1,501
98	92	367	0,966	1,805	1,868	1,400
99	93	191	0,472	0,839	1,778	1,310
100	94	93	0,216	0,367	1,699	1,231

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	65 129,254	1 077 390,083	16,542	16,074
8	1	99 245	61 105,167	1 012 260,829	16,566	16,098
9	2	99 214	57 492,774	951 155,662	16,544	16,076
10	3	99 194	54 100,051	893 662,888	16,519	16,050
11	4	99 175	50 907,714	839 562,837	16,492	16,024
12	5	99 157	47 904,507	788 655,123	16,463	15,995
13	6	99 142	45 079,681	740 750,616	16,432	15,964
14	7	99 126	42 421,085	695 670,934	16,399	15,931
15	8	99 109	39 918,937	653 249,849	16,364	15,896
16	9	99 088	37 562,792	613 330,912	16,328	15,860
17	10	99 056	35 341,823	575 768,120	16,291	15,823
18	11	99 021	33 251,169	540 426,297	16,253	15,784
19	12	98 976	31 280,891	507 175,128	16,214	15,745
20	13	98 927	29 426,217	475 894,237	16,172	15,704
21	14	98 874	27 680,407	446 468,021	16,129	15,661
22	15	98 819	26 037,764	418 787,614	16,084	15,616
23	16	98 762	24 492,014	392 749,850	16,036	15,567
24	17	98 703	23 037,471	368 257,836	15,985	15,517
25	18	98 641	21 668,671	345 220,365	15,932	15,463
26	19	98 573	20 380,080	323 551,694	15,876	15,408
27	20	98 507	19 168,462	303 171,614	15,816	15,348
28	21	98 437	18 028,047	284 003,152	15,753	15,285
29	22	98 370	16 956,026	265 975,105	15,686	15,218
30	23	98 297	15 946,715	249 019,079	15,616	15,147
31	24	98 219	14 996,771	233 072,364	15,542	15,073
32	25	98 135	14 102,501	218 075,593	15,464	14,995
33	26	98 048	13 261,171	203 973,092	15,381	14,913
34	27	97 959	12 469,813	190 711,921	15,294	14,826
35	28	97 859	11 724,282	178 242,109	15,203	14,734
36	29	97 747	11 022,073	166 517,827	15,108	14,639
37	30	97 635	10 361,829	155 495,754	15,007	14,538
38	31	97 515	9 740,279	145 133,925	14,900	14,432
39	32	97 381	9 154,777	135 393,646	14,789	14,321
40	33	97 241	8 603,870	126 238,869	14,672	14,204
41	34	97 085	8 084,704	117 634,998	14,550	14,082
42	35	96 918	7 596,083	109 550,294	14,422	13,954
43	36	96 735	7 135,729	101 954,211	14,288	13,819
44	37	96 531	6 701,838	94 818,483	14,148	13,680
45	38	96 313	6 293,389	88 116,645	14,001	13,533
46	39	96 060	5 907,619	81 823,256	13,850	13,382
47	40	95 793	5 544,659	75 915,637	13,692	13,223
48	41	95 490	5 201,998	70 370,978	13,528	13,059
49	42	95 152	4 878,639	65 168,980	13,358	12,890
50	43	94 774	4 573,413	60 290,341	13,183	12,714
51	44	94 355	4 285,387	55 716,928	13,002	12,533
52	45	93 895	4 013,634	51 431,541	12,814	12,346
53	46	93 376	3 756,640	47 417,907	12,622	12,154
54	47	92 792	3 513,564	43 661,267	12,426	11,958
55	48	92 142	3 283,736	40 147,703	12,226	11,758
56	49	91 429	3 066,661	36 863,967	12,021	11,553
57	50	90 640	2 861,362	33 797,306	11,812	11,343
58	51	89 780	2 667,473	30 935,945	11,597	11,129
59	52	88 825	2 483,874	28 268,472	11,381	10,912
60	53	87 788	2 310,451	25 784,598	11,160	10,692
61	54	86 669	2 146,824	23 474,147	10,934	10,466
62	55	85 458	1 992,324	21 327,323	10,705	10,236
63	56	84 142	1 846,252	19 334,999	10,473	10,004
64	57	82 742	1 708,735	17 488,747	10,235	9,767
65	58	81 235	1 578,932	15 780,012	9,994	9,526
66	59	79 634	1 456,764	14 201,081	9,748	9,280
67	60	77 954	1 342,147	12 744,317	9,495	9,027
68	61	76 142	1 233,830	11 402,170	9,241	8,773
69	62	74 300	1 133,157	10 168,340	8,973	8,505
70	63	72 324	1 038,146	9 035,184	8,703	8,235
71	64	70 238	948,899	7 997,037	8,428	7,959
72	65	68 026	864,948	7 048,139	8,149	7,680
73	66	65 716	786,430	6 183,190	7,862	7,394
74	67	63 299	712,943	5 396,760	7,570	7,101
75	68	60 747	643,954	4 683,817	7,274	6,805
76	69	58 080	579,468	4 039,863	6,972	6,503
77	70	55 270	518,989	3 460,394	6,668	6,199
78	71	52 344	462,603	2 941,405	6,358	5,890
79	72	49 255	409,697	2 478,802	6,050	5,582
80	73	46 007	360,173	2 069,105	5,745	5,276
81	74	42 641	314,186	1 708,932	5,439	4,971
82	75	39 123	271,308	1 394,746	5,141	4,672
83	76	35 508	231,751	1 123,438	4,848	4,379
84	77	31 787	195,265	891,687	4,567	4,098
85	78	28 054	162,195	696,422	4,294	3,825
86	79	24 334	132,413	534,227	4,035	3,566
87	80	20 709	106,056	401,814	3,789	3,320
88	81	17 265	83,219	295,758	3,554	3,086
89	82	14 069	63,826	212,539	3,330	2,862
90	83	11 191	47,781	148,713	3,112	2,644
91	84	8 648	34,752	100,932	2,904	2,436
92	85	6 434	24,334	66,180	2,720	2,251
93	86	4 606	16,395	41,845	2,552	2,084
94	87	3 173	10,631	25,450	2,394	1,926
95	88	2 072	6,533	14,819	2,268	1,800
96	89	1 310	3,887	8,286	2,132	1,663
97	90	782	2,185	4,399	2,013	1,545
98	91	441	1,160	2,214	1,908	1,440
99	92	235	0,580	1,053	1,815	1,347
100	93	117	0,273	0,473	1,732	1,264

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	61 292,960	1 012 807,365	16,524	16,056
9	1	99 237	57 506,061	951 514,404	16,546	16,078
10	2	99 206	54 106,494	894 008,343	16,523	16,055
11	3	99 187	50 913,780	839 901,849	16,497	16,028
12	4	99 166	47 908,864	788 988,069	16,469	16,000
13	5	99 149	45 083,062	741 079,206	16,438	15,970
14	6	99 132	42 423,878	695 996,144	16,406	15,937
15	7	99 114	39 920,905	653 572,266	16,372	15,903
16	8	99 094	37 565,118	613 651,361	16,336	15,867
17	9	99 062	35 344,110	576 086,243	16,299	15,831
18	10	99 027	33 253,139	540 742,133	16,261	15,793
19	11	98 983	31 283,221	507 488,994	16,222	15,754
20	12	98 934	29 428,545	476 205,773	16,182	15,713
21	13	98 882	27 682,780	446 777,228	16,139	15,671
22	14	98 829	26 040,497	419 094,448	16,094	15,626
23	15	98 774	24 495,078	393 053,952	16,046	15,578
24	16	98 717	23 040,722	368 558,873	15,996	15,528
25	17	98 655	21 671,844	345 518,151	15,943	15,475
26	18	98 593	20 384,231	323 846,307	15,887	15,419
27	19	98 526	19 172,163	303 462,076	15,828	15,360
28	20	98 455	18 031,386	284 289,913	15,766	15,298
29	21	98 386	16 958,834	266 258,528	15,700	15,232
30	22	98 314	15 949,475	249 299,694	15,631	15,162
31	23	98 240	15 000,026	233 350,219	15,557	15,088
32	24	98 151	14 104,893	218 350,193	15,480	15,012
33	25	98 066	13 263,644	204 245,300	15,399	14,931
34	26	97 978	12 472,239	190 981,656	15,313	14,844
35	27	97 880	11 726,843	178 509,417	15,222	14,754
36	28	97 772	11 024,822	166 782,573	15,128	14,660
37	29	97 661	10 364,511	155 757,751	15,028	14,560
38	30	97 544	9 743,172	145 393,240	14,923	14,454
39	31	97 413	9 157,700	135 650,068	14,813	14,344
40	32	97 275	8 606,857	126 492,368	14,697	14,228
41	33	97 119	8 087,584	117 885,510	14,576	14,108
42	34	96 956	7 599,055	109 797,927	14,449	13,981
43	35	96 774	7 138,602	102 198,872	14,316	13,848
44	36	96 576	6 704,982	95 060,270	14,178	13,709
45	37	96 358	6 296,286	88 355,288	14,033	13,565
46	38	96 117	5 911,081	82 059,002	13,882	13,414
47	39	95 850	5 547,964	76 147,921	13,725	13,257
48	40	95 555	5 205,531	70 599,957	13,562	13,094
49	41	95 224	4 882,364	65 394,426	13,394	12,926
50	42	94 852	4 577,211	60 512,062	13,220	12,752
51	43	94 440	4 289,247	55 934,851	13,041	12,572
52	44	93 991	4 017,733	51 645,604	12,854	12,386
53	45	93 480	3 760,821	47 627,872	12,664	12,196
54	46	92 910	3 518,031	43 867,050	12,469	12,001
55	47	92 275	3 288,451	40 349,019	12,270	11,802
56	48	91 576	3 071,574	37 060,569	12,066	11,597
57	49	90 805	2 866,554	33 988,995	11,857	11,389
58	50	89 957	2 672,740	31 122,441	11,644	11,176
59	51	89 022	2 489,372	28 449,701	11,428	10,960
60	52	88 004	2 316,138	25 960,329	11,208	10,740
61	53	86 906	2 152,708	23 644,191	10,983	10,515
62	54	85 716	1 998,338	21 491,483	10,755	10,286
63	55	84 422	1 852,389	19 493,145	10,523	10,055
64	56	83 043	1 714,941	17 640,755	10,287	9,818
65	57	81 561	1 585,261	15 925,815	10,046	9,578
66	58	79 987	1 463,217	14 340,554	9,801	9,332
67	59	78 332	1 348,661	12 877,337	9,548	9,080
68	60	76 555	1 240,518	11 528,676	9,293	8,825
69	61	74 718	1 139,533	10 288,158	9,028	8,560
70	62	72 766	1 044,493	9 148,626	8,759	8,291
71	63	70 704	955,188	8 104,133	8,484	8,016
72	64	68 525	871,298	7 148,944	8,205	7,737
73	65	66 247	792,782	6 277,646	7,919	7,450
74	66	63 857	719,226	5 484,864	7,626	7,158
75	67	61 342	650,258	4 765,639	7,329	6,860
76	68	58 680	585,449	4 115,380	7,029	6,561
77	69	55 894	524,853	3 529,932	6,726	6,257
78	70	52 989	468,309	3 005,079	6,417	5,949
79	71	49 923	415,258	2 536,771	6,109	5,641
80	72	46 680	365,439	2 121,513	5,805	5,337
81	73	43 312	319,127	1 756,074	5,503	5,034
82	74	39 804	276,030	1 436,947	5,206	4,737
83	75	36 198	236,256	1 160,916	4,914	4,445
84	76	32 497	199,622	924,660	4,632	4,164
85	77	28 757	166,260	725,039	4,361	3,893
86	78	25 038	136,242	558,778	4,101	3,633
87	79	21 414	109,667	422,537	3,853	3,385
88	80	17 955	86,543	312,870	3,615	3,147
89	81	14 718	66,768	226,327	3,390	2,921
90	82	11 784	50,313	159,559	3,171	2,703
91	83	9 181	36,895	109,246	2,961	2,493
92	84	6 898	26,088	72,350	2,773	2,305
93	85	4 991	17,767	46,262	2,604	2,135
94	86	3 483	11,668	28,495	2,442	1,974
95	87	2 305	7,269	16,827	2,315	1,847
96	88	1 480	4,391	9,558	2,177	1,708
97	89	900	2,515	5,167	2,055	1,586
98	90	518	1,362	2,652	1,948	1,480
99	91	282	0,697	1,291	1,852	1,383
100	92	144	0,336	0,594	1,766	1,298

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
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7						
8						
9	0	99 542	57 682,793	952 019,278	16,504	16,036
10	1	99 229	54 118,999	894 336,486	16,525	16,057
11	2	99 199	50 919,843	840 217,487	16,501	16,032
12	3	99 178	47 914,572	789 297,643	16,473	16,005
13	4	99 158	45 087,162	741 383,071	16,443	15,975
14	5	99 140	42 427,060	696 295,909	16,412	15,943
15	6	99 120	39 923,533	653 868,850	16,378	15,910
16	7	99 099	37 566,969	613 945,317	16,343	15,874
17	8	99 069	35 346,298	576 378,347	16,307	15,838
18	9	99 033	33 255,291	541 032,049	16,269	15,801
19	10	98 989	31 285,075	507 776,758	16,231	15,762
20	11	98 942	29 430,737	476 491,683	16,190	15,722
21	12	98 890	27 684,970	447 060,946	16,148	15,680
22	13	98 838	26 042,729	419 375,976	16,103	15,635
23	14	98 785	24 497,649	393 333,247	16,056	15,588
24	15	98 729	23 043,605	368 835,598	16,006	15,538
25	16	98 669	21 674,902	345 791,993	15,954	15,485
26	17	98 608	20 387,216	324 117,091	15,898	15,430
27	18	98 546	19 176,068	303 729,875	15,839	15,371
28	19	98 474	18 034,867	284 553,807	15,778	15,310
29	20	98 405	16 961,975	266 518,940	15,713	15,244
30	21	98 330	15 952,116	249 556,965	15,644	15,176
31	22	98 257	15 002,622	233 604,849	15,571	15,103
32	23	98 173	14 107,954	218 602,227	15,495	15,027
33	24	98 082	13 265,893	204 494,273	15,415	14,947
34	25	97 996	12 474,566	191 228,380	15,329	14,861
35	26	97 899	11 729,126	178 753,814	15,240	14,772
36	27	97 793	11 027,231	167 024,689	15,147	14,678
37	28	97 685	10 367,097	155 997,458	15,047	14,579
38	29	97 569	9 745,694	145 630,361	14,943	14,475
39	30	97 442	9 160,420	135 884,667	14,834	14,366
40	31	97 306	8 609,605	126 724,247	14,719	14,251
41	32	97 153	8 090,391	118 114,641	14,599	14,131
42	33	96 991	7 601,761	110 024,250	14,474	14,005
43	34	96 812	7 141,395	102 422,488	14,342	13,874
44	35	96 615	6 707,681	95 281,094	14,205	13,736
45	36	96 403	6 299,240	88 573,412	14,061	13,593
46	37	96 161	5 913,802	82 274,173	13,912	13,444
47	38	95 907	5 551,215	76 360,370	13,756	13,287
48	39	95 612	5 208,634	70 809,155	13,595	13,126
49	40	95 289	4 885,680	65 600,521	13,427	12,959
50	41	94 925	4 580,705	60 714,841	13,254	12,786
51	42	94 519	4 292,809	56 134,136	13,076	12,608
52	43	94 076	4 021,352	51 841,327	12,892	12,423
53	44	93 575	3 764,662	47 819,975	12,702	12,234
54	45	93 013	3 521,947	44 055,314	12,509	12,040
55	46	92 392	3 292,631	40 533,366	12,310	11,842
56	47	91 707	3 075,983	37 240,735	12,107	11,639
57	48	90 950	2 871,147	34 164,752	11,899	11,431
58	49	90 120	2 677,590	31 293,605	11,687	11,219
59	50	89 198	2 494,288	28 616,015	11,473	11,004
60	51	88 198	2 321,265	26 121,727	11,253	10,785
61	52	87 120	2 158,006	23 800,462	11,029	10,561
62	53	85 951	2 003,815	21 642,456	10,801	10,332
63	54	84 677	1 857,981	19 638,641	10,570	10,102
64	55	83 319	1 720,642	17 780,660	10,334	9,865
65	56	81 857	1 591,018	16 060,018	10,094	9,626
66	57	80 307	1 469,082	14 468,999	9,849	9,381
67	58	78 679	1 354,635	12 999,917	9,597	9,128
68	59	76 926	1 246,538	11 645,282	9,342	8,874
69	60	75 123	1 145,709	10 398,743	9,076	8,608
70	61	73 176	1 050,370	9 253,034	8,809	8,341
71	62	71 136	961,028	8 202,664	8,535	8,067
72	63	68 979	877,073	7 241,636	8,257	7,788
73	64	66 733	798,602	6 364,563	7,970	7,501
74	65	64 372	725,035	5 565,961	7,677	7,208
75	66	61 882	655,989	4 840,926	7,380	6,911
76	67	59 254	591,180	4 184,938	7,079	6,611
77	68	56 471	530,269	3 593,758	6,777	6,309
78	69	53 588	473,600	3 063,489	6,469	6,000
79	70	50 539	420,379	2 589,889	6,161	5,692
80	71	47 313	370,399	2 169,510	5,857	5,389
81	72	43 945	323,793	1 799,111	5,556	5,088
82	73	40 430	280,371	1 475,318	5,262	4,794
83	74	36 828	240,368	1 194,947	4,971	4,503
84	75	33 128	203,502	954,578	4,691	4,222
85	76	29 399	169,970	751,076	4,419	3,951
86	77	25 665	139,656	581,106	4,161	3,693
87	78	22 033	112,837	441,450	3,912	3,444
88	79	18 566	89,489	328,613	3,672	3,204
89	80	15 306	69,435	239,124	3,444	2,975
90	81	12 327	52,633	169,688	3,224	2,756
91	82	9 668	38,851	117,056	3,013	2,545
92	83	7 323	27,697	78,205	2,824	2,355
93	84	5 351	19,048	50,508	2,652	2,183
94	85	3 774	12,645	31,460	2,488	2,020
95	86	2 530	7,978	18,816	2,358	1,890
96	87	1 646	4,885	10,837	2,218	1,750
97	88	1 017	2,841	5,952	2,095	1,627
98	89	596	1,567	3,111	1,986	1,518
99	90	331	0,818	1,545	1,888	1,420
100	91	173	0,404	0,727	1,800	1,332

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	54 285,322	894 802,915	16,483	16,015
11	1	99 221	50 931,611	840 517,593	16,503	16,035
12	2	99 190	47 920,278	789 585,982	16,477	16,009
13	3	99 170	45 092,534	741 665,704	16,448	15,979
14	4	99 149	42 430,918	696 573,170	16,417	15,948
15	5	99 128	39 926,527	654 142,252	16,384	15,915
16	6	99 106	37 569,442	614 215,724	16,349	15,880
17	7	99 073	35 348,041	576 646,282	16,313	15,845
18	8	99 040	33 257,350	541 298,241	16,276	15,808
19	9	98 995	31 287,099	508 040,891	16,238	15,770
20	10	98 948	29 432,481	476 753,792	16,198	15,730
21	11	98 897	27 687,032	447 321,311	16,156	15,688
22	12	98 846	26 044,790	419 634,278	16,112	15,644
23	13	98 793	24 499,749	393 589,489	16,065	15,597
24	14	98 739	23 046,023	369 089,740	16,015	15,547
25	15	98 681	21 677,614	346 043,717	15,963	15,495
26	16	98 622	20 390,093	324 366,102	15,908	15,440
27	17	98 561	19 178,876	303 976,009	15,850	15,381
28	18	98 494	18 038,540	284 797,133	15,788	15,320
29	19	98 424	16 965,249	266 758,593	15,724	15,255
30	20	98 348	15 955,070	249 793,344	15,656	15,188
31	21	98 273	15 005,106	233 838,273	15,584	15,116
32	22	98 190	14 110,396	218 833,167	15,509	15,040
33	23	98 104	13 268,773	204 722,771	15,429	14,961
34	24	98 013	12 476,681	191 453,999	15,345	14,877
35	25	97 917	11 731,313	178 977,318	15,256	14,788
36	26	97 812	11 029,377	167 246,004	15,164	14,695
37	27	97 706	10 369,362	156 216,627	15,065	14,597
38	28	97 593	9 748,125	145 847,266	14,962	14,493
39	29	97 467	9 162,791	136 099,141	14,853	14,385
40	30	97 335	8 612,163	126 936,349	14,739	14,271
41	31	97 184	8 092,975	118 324,187	14,621	14,152
42	32	97 024	7 604,401	110 231,212	14,496	14,027
43	33	96 846	7 143,939	102 626,811	14,366	13,897
44	34	96 653	6 710,306	95 482,873	14,229	13,761
45	35	96 442	6 301,776	88 772,567	14,087	13,619
46	36	96 206	5 916,576	82 470,791	13,939	13,471
47	37	95 951	5 553,771	76 554,215	13,784	13,316
48	38	95 668	5 211,686	71 000,443	13,623	13,155
49	39	95 346	4 888,592	65 788,757	13,458	12,989
50	40	94 989	4 583,817	60 900,165	13,286	12,818
51	41	94 591	4 296,086	56 316,349	13,109	12,640
52	42	94 154	4 024,691	52 020,262	12,925	12,457
53	43	93 659	3 768,053	47 995,571	12,738	12,269
54	44	93 108	3 525,543	44 227,519	12,545	12,077
55	45	92 495	3 296,297	40 701,975	12,348	11,879
56	46	91 824	3 079,894	37 405,678	12,145	11,677
57	47	91 081	2 875,269	34 325,785	11,938	11,470
58	48	90 265	2 681,880	31 450,516	11,727	11,259
59	49	89 360	2 498,814	28 768,636	11,513	11,045
60	50	88 373	2 325,849	26 269,822	11,295	10,826
61	51	87 313	2 162,783	23 943,973	11,071	10,603
62	52	86 163	2 008,747	21 781,190	10,843	10,375
63	53	84 909	1 863,073	19 772,443	10,613	10,144
64	54	83 570	1 725,836	17 909,370	10,377	9,909
65	55	82 129	1 596,307	16 183,533	10,138	9,670
66	56	80 599	1 474,418	14 587,226	9,894	9,425
67	57	78 995	1 360,065	13 112,808	9,641	9,173
68	58	77 267	1 252,061	11 752,743	9,387	8,918
69	59	75 487	1 151,270	10 500,682	9,121	8,653
70	60	73 573	1 056,063	9 349,412	8,853	8,385
71	61	71 536	966,435	8 293,349	8,581	8,113
72	62	69 401	882,435	7 326,914	8,303	7,835
73	63	67 176	803,895	6 444,478	8,017	7,548
74	64	64 845	730,357	5 640,583	7,723	7,255
75	65	62 382	661,287	4 910,226	7,425	6,957
76	66	59 776	596,389	4 248,939	7,124	6,656
77	67	57 024	535,460	3 652,550	6,821	6,353
78	68	54 141	478,487	3 117,090	6,514	6,046
79	69	51 110	425,129	2 638,602	6,207	5,738
80	70	47 897	374,967	2 213,473	5,903	5,435
81	71	44 542	328,187	1 838,506	5,602	5,134
82	72	41 021	284,470	1 510,319	5,309	4,841
83	73	37 407	244,148	1 225,848	5,021	4,553
84	74	33 705	207,044	981,700	4,741	4,273
85	75	29 970	173,274	774,656	4,471	4,002
86	76	26 238	142,773	601,382	4,212	3,744
87	77	22 585	115,666	458,609	3,965	3,497
88	78	19 103	92,076	342,944	3,725	3,256
89	79	15 827	71,799	250,867	3,494	3,026
90	80	12 819	54,735	179,068	3,272	2,803
91	81	10 114	40,642	124,333	3,059	2,591
92	82	7 711	29,165	83,691	2,870	2,401
93	83	5 681	20,222	54,526	2,696	2,228
94	84	4 046	13,556	34,304	2,531	2,062
95	85	2 742	8,646	20,748	2,400	1,931
96	86	1 807	5,362	12,102	2,257	1,789
97	87	1 132	3,161	6,740	2,133	1,664
98	88	673	1,770	3,580	2,023	1,554
99	89	380	0,941	1,810	1,923	1,454
100	90	203	0,474	0,869	1,833	1,365

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11	0	99 526	51 088,138	840 948,556	16,461	15,992
12	1	99 213	47 931,353	789 860,418	16,479	16,011
13	2	99 182	45 097,904	741 929,065	16,452	15,983
14	3	99 161	42 435,974	696 831,160	16,421	15,952
15	4	99 137	39 930,158	654 395,187	16,388	15,920
16	5	99 113	37 572,260	614 465,028	16,354	15,886
17	6	99 080	35 350,368	576 892,768	16,319	15,851
18	7	99 044	33 258,990	541 542,400	16,283	15,814
19	8	99 002	31 289,036	508 283,411	16,245	15,776
20	9	98 954	29 434,386	476 994,374	16,205	15,737
21	10	98 903	27 688,673	447 559,989	16,164	15,696
22	11	98 853	26 046,730	419 871,316	16,120	15,652
23	12	98 801	24 501,688	393 824,586	16,073	15,605
24	13	98 748	23 047,999	369 322,899	16,024	15,556
25	14	98 692	21 679,889	346 274,900	15,972	15,504
26	15	98 634	20 392,644	324 595,011	15,917	15,449
27	16	98 575	19 181,583	304 202,366	15,859	15,391
28	17	98 509	18 041,182	285 020,784	15,798	15,330
29	18	98 444	16 968,705	266 979,602	15,734	15,265
30	19	98 367	15 958,151	250 010,897	15,667	15,198
31	20	98 292	15 007,885	234 052,747	15,595	15,127
32	21	98 206	14 112,732	219 044,861	15,521	15,053
33	22	98 121	13 271,069	204 932,129	15,442	14,974
34	23	98 034	12 479,389	191 661,060	15,358	14,890
35	24	97 934	11 733,303	179 181,671	15,271	14,803
36	25	97 830	11 031,434	167 448,368	15,179	14,711
37	26	97 725	10 371,380	156 416,934	15,082	14,613
38	27	97 615	9 750,255	146 045,555	14,979	14,510
39	28	97 491	9 165,077	136 295,300	14,871	14,403
40	29	97 360	8 614,392	127 130,223	14,758	14,290
41	30	97 213	8 095,379	118 515,831	14,640	14,172
42	31	97 055	7 606,829	110 420,452	14,516	14,048
43	32	96 880	7 146,419	102 813,624	14,387	13,918
44	33	96 687	6 712,696	95 667,205	14,252	13,783
45	34	96 480	6 304,242	88 954,509	14,110	13,642
46	35	96 245	5 918,959	82 650,267	13,964	13,495
47	36	95 996	5 556,376	76 731,309	13,810	13,341
48	37	95 712	5 214,086	71 174,932	13,651	13,182
49	38	95 402	4 891,457	65 960,847	13,485	13,017
50	39	95 046	4 586,549	61 069,390	13,315	12,847
51	40	94 655	4 299,004	56 482,841	13,139	12,670
52	41	94 226	4 027,764	52 183,837	12,956	12,488
53	42	93 737	3 771,182	48 156,073	12,769	12,301
54	43	93 192	3 528,719	44 384,891	12,578	12,110
55	44	92 589	3 299,662	40 856,172	12,382	11,914
56	45	91 926	3 083,322	37 556,510	12,181	11,712
57	46	91 197	2 878,924	34 473,187	11,974	11,506
58	47	90 394	2 685,730	31 594,263	11,764	11,295
59	48	89 503	2 502,817	28 908,533	11,550	11,082
60	49	88 533	2 330,070	26 405,716	11,333	10,864
61	50	87 485	2 167,054	24 075,646	11,110	10,641
62	51	86 353	2 013,194	21 908,592	10,883	10,414
63	52	85 118	1 867,659	19 895,398	10,653	10,184
64	53	83 799	1 730,566	18 027,740	10,417	9,949
65	54	82 377	1 601,126	16 297,174	10,179	9,710
66	55	80 867	1 479,320	14 696,047	9,934	9,466
67	56	79 282	1 365,005	13 216,728	9,683	9,214
68	57	77 577	1 257,079	11 851,723	9,428	8,960
69	58	75 822	1 156,370	10 594,643	9,162	8,694
70	59	73 930	1 061,189	9 438,273	8,894	8,426
71	60	71 924	971,674	8 377,084	8,621	8,153
72	61	69 792	887,400	7 405,411	8,345	7,877
73	62	67 586	808,810	6 518,011	8,059	7,590
74	63	65 275	735,198	5 709,201	7,766	7,297
75	64	62 840	666,141	4 974,003	7,467	6,999
76	65	60 259	601,206	4 307,861	7,165	6,697
77	66	57 526	540,179	3 706,655	6,862	6,394
78	67	54 671	483,172	3 166,476	6,554	6,085
79	68	51 638	429,516	2 683,305	6,247	5,779
80	69	48 438	379,204	2 253,788	5,943	5,475
81	70	45 091	332,235	1 874,585	5,642	5,174
82	71	41 578	288,331	1 542,349	5,349	4,881
83	72	37 954	247,718	1 254,018	5,062	4,594
84	73	34 235	210,300	1 006,300	4,785	4,317
85	74	30 492	176,290	796,000	4,515	4,047
86	75	26 748	145,548	619,710	4,258	3,789
87	76	23 089	118,246	474,162	4,010	3,542
88	77	19 582	94,384	355,916	3,771	3,303
89	78	16 284	73,875	261,532	3,540	3,072
90	79	13 256	56,598	187,657	3,316	2,847
91	80	10 518	42,265	131,058	3,101	2,632
92	81	8 067	30,509	88,793	2,910	2,442
93	82	5 982	21,294	58,284	2,737	2,269
94	83	4 296	14,392	36,990	2,570	2,102
95	84	2 940	9,269	22,598	2,438	1,970
96	85	1 958	5,811	13,329	2,294	1,825
97	86	1 242	3,469	7,518	2,167	1,699
98	87	749	1,969	4,049	2,056	1,588
99	88	430	1,063	2,080	1,956	1,488
100	89	234	0,545	1,017	1,865	1,396

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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12	0	99 518	48 078,660	790 258,663	16,437	15,968
13	1	99 205	45 108,327	742 180,003	16,453	15,985
14	2	99 172	42 441,027	697 071,676	16,424	15,956
15	3	99 149	39 934,916	654 630,649	16,392	15,924
16	4	99 122	37 575,677	614 695,733	16,359	15,891
17	5	99 087	35 353,019	577 120,056	16,324	15,856
18	6	99 051	33 261,179	541 767,037	16,288	15,820
19	7	99 006	31 290,579	508 505,858	16,251	15,783
20	8	98 960	29 436,208	477 215,279	16,212	15,743
21	9	98 909	27 690,464	447 779,071	16,171	15,703
22	10	98 859	26 048,273	420 088,606	16,127	15,659
23	11	98 808	24 503,513	394 040,333	16,081	15,613
24	12	98 756	23 049,822	369 536,820	16,032	15,564
25	13	98 700	21 681,748	346 486,998	15,981	15,512
26	14	98 644	20 394,784	324 805,250	15,926	15,458
27	15	98 587	19 183,983	304 410,466	15,868	15,400
28	16	98 523	18 043,728	285 226,483	15,808	15,339
29	17	98 458	16 971,190	267 182,755	15,743	15,275
30	18	98 387	15 961,401	250 211,566	15,676	15,208
31	19	98 311	15 010,783	234 250,165	15,605	15,137
32	20	98 224	14 115,346	219 239,382	15,532	15,064
33	21	98 137	13 273,267	205 124,036	15,454	14,986
34	22	98 051	12 481,549	191 850,769	15,371	14,902
35	23	97 955	11 735,849	179 369,221	15,284	14,816
36	24	97 847	11 033,305	167 633,371	15,193	14,725
37	25	97 744	10 373,314	156 600,067	15,096	14,628
38	26	97 634	9 752,152	146 226,753	14,994	14,526
39	27	97 512	9 167,080	136 474,600	14,887	14,419
40	28	97 385	8 616,541	127 307,521	14,775	14,306
41	29	97 238	8 097,474	118 690,980	14,658	14,189
42	30	97 084	7 609,088	110 593,506	14,534	14,066
43	31	96 911	7 148,700	102 984,418	14,406	13,938
44	32	96 721	6 715,026	95 835,717	14,272	13,803
45	33	96 514	6 306,487	89 120,691	14,132	13,663
46	34	96 282	5 921,275	82 814,204	13,986	13,518
47	35	96 034	5 558,614	76 892,929	13,833	13,365
48	36	95 757	5 216,531	71 334,316	13,675	13,206
49	37	95 446	4 893,709	66 117,784	13,511	13,042
50	38	95 102	4 589,236	61 224,076	13,341	12,872
51	39	94 711	4 301,567	56 634,839	13,166	12,698
52	40	94 290	4 030,499	52 333,273	12,984	12,516
53	41	93 809	3 774,061	48 302,773	12,799	12,330
54	42	93 270	3 531,650	44 528,712	12,608	12,140
55	43	92 673	3 302,635	40 997,063	12,413	11,945
56	44	92 020	3 086,471	37 694,428	12,213	11,744
57	45	91 298	2 882,129	34 607,957	12,008	11,539
58	46	90 509	2 689,145	31 725,828	11,798	11,329
59	47	89 631	2 506,410	29 036,684	11,585	11,117
60	48	88 675	2 333,803	26 530,273	11,368	10,899
61	49	87 644	2 170,987	24 196,470	11,145	10,677
62	50	86 524	2 017,169	22 025,484	10,919	10,451
63	51	85 306	1 871,793	20 008,315	10,689	10,221
64	52	84 006	1 734,826	18 136,522	10,454	9,986
65	53	82 603	1 605,514	16 401,696	10,216	9,747
66	54	81 111	1 483,785	14 796,182	9,972	9,504
67	55	79 545	1 369,543	13 312,396	9,720	9,252
68	56	77 858	1 261,645	11 942,854	9,466	8,998
69	57	76 126	1 161,005	10 681,209	9,200	8,732
70	58	74 257	1 065,890	9 520,204	8,932	8,463
71	59	72 273	976,389	8 454,313	8,659	8,190
72	60	70 170	892,210	7 477,924	8,381	7,913
73	61	67 967	813,361	6 585,714	8,097	7,629
74	62	65 674	739,693	5 772,353	7,804	7,335
75	63	63 257	670,556	5 032,660	7,505	7,037
76	64	60 701	605,620	4 362,104	7,203	6,734
77	65	57 991	544,542	3 756,484	6,898	6,430
78	66	55 153	487,429	3 211,942	6,590	6,121
79	67	52 143	433,721	2 724,513	6,282	5,813
80	68	48 938	383,117	2 290,792	5,979	5,511
81	69	45 600	335,989	1 907,674	5,678	5,209
82	70	42 091	291,887	1 571,685	5,385	4,916
83	71	38 469	251,080	1 279,798	5,097	4,629
84	72	34 736	213,375	1 028,718	4,821	4,353
85	73	30 972	179,062	815,343	4,553	4,085
86	74	27 214	148,081	636,281	4,297	3,828
87	75	23 538	120,545	488,200	4,050	3,582
88	76	20 018	96,490	367,655	3,810	3,342
89	77	16 693	75,727	271,165	3,581	3,112
90	78	13 639	58,235	195,438	3,356	2,888
91	79	10 876	43,704	137,203	3,139	2,671
92	80	8 389	31,728	93,499	2,947	2,479
93	81	6 258	22,276	61,771	2,773	2,305
94	82	4 523	15,155	39,496	2,606	2,138
95	83	3 121	9,841	24,341	2,474	2,005
96	84	2 099	6,229	14,500	2,328	1,859
97	85	1 346	3,759	8,271	2,200	1,732
98	86	822	2,161	4,512	2,087	1,619
99	87	478	1,183	2,350	1,986	1,518
100	88	264	0,616	1,167	1,895	1,427

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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13	0	99 510	45 246,957	742 548,070	16,411	15,943
14	1	99 195	42 450,836	697 301,112	16,426	15,958
15	2	99 160	39 939,672	654 850,276	16,396	15,928
16	3	99 134	37 580,154	614 910,604	16,363	15,894
17	4	99 096	35 356,234	577 330,450	16,329	15,861
18	5	99 058	33 263,674	541 974,216	16,293	15,825
19	6	99 013	31 292,639	508 710,542	16,257	15,788
20	7	98 965	29 437,659	477 417,904	16,218	15,750
21	8	98 916	27 692,179	447 980,244	16,177	15,709
22	9	98 865	26 049,959	420 288,065	16,134	15,666
23	10	98 814	24 504,965	394 238,106	16,088	15,620
24	11	98 763	23 051,539	369 733,142	16,039	15,571
25	12	98 708	21 683,463	346 681,603	15,988	15,520
26	13	98 653	20 396,533	324 998,139	15,934	15,466
27	14	98 597	19 185,996	304 601,606	15,876	15,408
28	15	98 535	18 045,985	285 415,610	15,816	15,348
29	16	98 472	16 973,585	267 369,625	15,752	15,284
30	17	98 402	15 963,738	250 396,040	15,685	15,217
31	18	98 331	15 013,840	234 432,302	15,614	15,146
32	19	98 243	14 118,071	219 418,462	15,542	15,073
33	20	98 155	13 275,725	205 300,391	15,464	14,996
34	21	98 067	12 483,616	192 024,666	15,382	14,914
35	22	97 972	11 737,880	179 541,050	15,296	14,828
36	23	97 868	11 035,699	167 803,170	15,205	14,737
37	24	97 760	10 375,073	156 767,470	15,110	14,642
38	25	97 652	9 753,971	146 392,397	15,008	14,540
39	26	97 531	9 168,864	136 638,426	14,902	14,434
40	27	97 406	8 618,423	127 469,563	14,790	14,322
41	28	97 262	8 099,494	118 851,139	14,674	14,206
42	29	97 109	7 611,058	110 751,645	14,551	14,083
43	30	96 939	7 150,824	103 140,588	14,424	13,955
44	31	96 752	6 717,170	95 989,764	14,290	13,822
45	32	96 547	6 308,677	89 272,594	14,151	13,682
46	33	96 317	5 923,384	82 963,917	14,006	13,538
47	34	96 072	5 560,789	77 040,533	13,854	13,386
48	35	95 796	5 218,632	71 479,745	13,697	13,229
49	36	95 490	4 896,004	66 261,113	13,534	13,065
50	37	95 145	4 591,350	61 365,109	13,365	12,897
51	38	94 767	4 304,087	56 773,759	13,191	12,722
52	39	94 346	4 032,902	52 469,672	13,010	12,542
53	40	93 872	3 776,624	48 436,770	12,825	12,357
54	41	93 341	3 534,346	44 660,146	12,636	12,168
55	42	92 750	3 305,377	41 125,800	12,442	11,974
56	43	92 103	3 089,251	37 820,423	12,243	11,774
57	44	91 392	2 885,072	34 731,172	12,038	11,570
58	45	90 610	2 692,138	31 846,100	11,829	11,361
59	46	89 745	2 509,597	29 153,962	11,617	11,149
60	47	88 802	2 337,153	26 644,365	11,400	10,932
61	48	87 784	2 174,465	24 307,212	11,178	10,710
62	49	86 681	2 020,830	22 132,747	10,952	10,484
63	50	85 475	1 875,489	20 111,917	10,724	10,255
64	51	84 191	1 738,666	18 236,428	10,489	10,020
65	52	82 806	1 609,466	16 497,762	10,250	9,782
66	53	81 334	1 487,852	14 888,296	10,007	9,538
67	54	79 785	1 373,677	13 400,444	9,755	9,287
68	55	78 117	1 265,839	12 026,767	9,501	9,033
69	56	76 402	1 165,222	10 760,928	9,235	8,767
70	57	74 555	1 070,163	9 595,706	8,967	8,498
71	58	72 593	980,715	8 525,544	8,693	8,225
72	59	70 510	896,541	7 544,829	8,415	7,947
73	60	68 335	817,769	6 648,288	8,130	7,661
74	61	66 043	743,855	5 830,519	7,838	7,370
75	62	63 643	674,656	5 086,664	7,540	7,071
76	63	61 104	609,634	4 412,008	7,237	6,769
77	64	58 417	548,539	3 802,374	6,932	6,463
78	65	55 598	491,366	3 253,835	6,622	6,154
79	66	52 603	437,543	2 762,469	6,314	5,845
80	67	49 417	386,868	2 324,926	6,010	5,541
81	68	46 071	339,456	1 938,058	5,709	5,241
82	69	42 566	295,185	1 598,601	5,416	4,947
83	70	38 944	254,177	1 303,416	5,128	4,660
84	71	35 207	216,271	1 049,239	4,852	4,383
85	72	31 424	181,680	832,969	4,585	4,116
86	73	27 642	150,410	651,288	4,330	3,862
87	74	23 948	122,643	500,878	4,084	3,616
88	75	20 408	98,366	378,235	3,845	3,377
89	76	17 065	77,416	279,869	3,615	3,147
90	77	13 981	59,694	202,453	3,391	2,923
91	78	11 190	44,968	142,759	3,175	2,706
92	79	8 674	32,808	97,791	2,981	2,512
93	80	6 508	23,165	64,983	2,805	2,337
94	81	4 732	15,853	41,818	2,638	2,169
95	82	3 286	10,362	25,964	2,506	2,037
96	83	2 228	6,614	15,602	2,359	1,891
97	84	1 443	4,030	8,988	2,230	1,762
98	85	891	2,342	4,958	2,117	1,649
99	86	525	1,299	2,616	2,014	1,546
100	87	294	0,685	1,317	1,923	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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13						
14	0	99 500	42 581,299	697 641,335	16,384	15,915
15	1	99 183	39 948,903	655 060,036	16,397	15,929
16	2	99 146	37 584,630	615 111,134	16,366	15,898
17	3	99 108	35 360,447	577 526,504	16,333	15,864
18	4	99 067	33 266,699	542 166,057	16,298	15,829
19	5	99 020	31 294,986	508 899,358	16,261	15,793
20	6	98 972	29 439,597	477 604,373	16,223	15,755
21	7	98 920	27 693,544	448 164,776	16,183	15,715
22	8	98 871	26 051,572	420 471,231	16,140	15,672
23	9	98 821	24 506,550	394 419,660	16,094	15,626
24	10	98 769	23 052,905	369 913,109	16,046	15,578
25	11	98 715	21 685,079	346 860,204	15,995	15,527
26	12	98 660	20 398,147	325 175,126	15,941	15,473
27	13	98 606	19 187,641	304 776,979	15,884	15,416
28	14	98 545	18 047,879	285 589,338	15,824	15,356
29	15	98 484	16 975,708	267 541,459	15,760	15,292
30	16	98 416	15 965,991	250 565,751	15,694	15,225
31	17	98 345	15 016,039	234 599,759	15,623	15,155
32	18	98 263	14 120,947	219 583,720	15,550	15,082
33	19	98 174	13 278,288	205 462,774	15,474	15,005
34	20	98 085	12 485,928	192 184,486	15,392	14,924
35	21	97 988	11 739,824	179 698,558	15,307	14,838
36	22	97 885	11 037,609	167 958,734	15,217	14,749
37	23	97 781	10 377,325	156 921,125	15,122	14,653
38	24	97 669	9 755,625	146 543,800	15,021	14,553
39	25	97 550	9 170,574	136 788,175	14,916	14,448
40	26	97 425	8 620,101	127 617,601	14,805	14,336
41	27	97 284	8 101,263	118 997,501	14,689	14,220
42	28	97 133	7 612,956	110 896,237	14,567	14,098
43	29	96 965	7 152,675	103 283,281	14,440	13,971
44	30	96 781	6 719,165	96 130,606	14,307	13,839
45	31	96 578	6 310,691	89 411,441	14,168	13,700
46	32	96 350	5 925,440	83 100,750	14,024	13,556
47	33	96 106	5 562,769	77 175,310	13,874	13,405
48	34	95 833	5 220,674	71 612,541	13,717	13,249
49	35	95 529	4 897,976	66 391,867	13,555	13,087
50	36	95 190	4 593,503	61 493,891	13,387	12,919
51	37	94 811	4 306,069	56 900,388	13,214	12,746
52	38	94 401	4 035,265	52 594,319	13,034	12,565
53	39	93 928	3 778,875	48 559,054	12,850	12,382
54	40	93 404	3 536,746	44 780,179	12,661	12,193
55	41	92 821	3 307,901	41 243,433	12,468	12,000
56	42	92 179	3 091,816	37 935,532	12,270	11,801
57	43	91 474	2 887,671	34 843,715	12,066	11,598
58	44	90 702	2 694,887	31 956,044	11,858	11,390
59	45	89 845	2 512,391	29 261,157	11,647	11,178
60	46	88 915	2 340,124	26 748,767	11,430	10,962
61	47	87 910	2 177,586	24 408,642	11,209	10,741
62	48	86 820	2 024,067	22 231,056	10,983	10,515
63	49	85 630	1 878,893	20 206,989	10,755	10,286
64	50	84 358	1 742,099	18 328,096	10,521	10,052
65	51	82 990	1 613,029	16 585,997	10,283	9,814
66	52	81 534	1 491,514	14 972,968	10,039	9,570
67	53	80 004	1 377,442	13 481,454	9,787	9,319
68	54	78 353	1 269,660	12 104,012	9,533	9,065
69	55	76 656	1 169,096	10 834,352	9,267	8,799
70	56	74 826	1 074,049	9 665,256	8,999	8,531
71	57	72 884	984,646	8 591,207	8,725	8,257
72	58	70 823	900,512	7 606,561	8,447	7,979
73	59	68 667	821,738	6 706,049	8,161	7,692
74	60	66 401	747,887	5 884,310	7,868	7,400
75	61	64 001	678,452	5 136,424	7,571	7,102
76	62	61 477	613,361	4 457,972	7,268	6,800
77	63	58 804	552,175	3 844,611	6,963	6,494
78	64	56 007	494,973	3 292,436	6,652	6,183
79	65	53 027	441,077	2 797,462	6,342	5,874
80	66	49 853	390,277	2 356,385	6,038	5,569
81	67	46 522	342,779	1 966,108	5,736	5,267
82	68	43 006	298,232	1 623,329	5,443	4,975
83	69	39 384	257,048	1 325,097	5,155	4,687
84	70	35 641	218,938	1 068,049	4,878	4,410
85	71	31 851	184,146	849,110	4,611	4,143
86	72	28 046	152,609	664,964	4,357	3,889
87	73	24 324	124,572	512,355	4,113	3,645
88	74	20 763	100,078	387,784	3,875	3,406
89	75	17 397	78,921	287,705	3,645	3,177
90	76	14 293	61,026	208,784	3,421	2,953
91	77	11 471	46,095	147,758	3,206	2,737
92	78	8 925	33,756	101,663	3,012	2,543
93	79	6 729	23,954	67,907	2,835	2,367
94	80	4 921	16,487	43,953	2,666	2,198
95	81	3 438	10,840	27,466	2,534	2,065
96	82	2 347	6,964	16,626	2,387	1,919
97	83	1 532	4,279	9,662	2,258	1,790
98	84	955	2,511	5,383	2,144	1,676
99	85	569	1,407	2,872	2,041	1,573
100	86	323	0,752	1,465	1,948	1,480

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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15	0	99 488	40 071,677	655 374,566	16,355	15,887
16	1	99 168	37 593,316	615 302,890	16,367	15,899
17	2	99 120	35 364,658	577 709,574	16,336	15,867
18	3	99 079	33 270,662	542 344,916	16,301	15,833
19	4	99 029	31 297,831	509 074,253	16,265	15,797
20	5	98 979	29 441,805	477 776,422	16,228	15,759
21	6	98 927	27 695,367	448 334,617	16,188	15,720
22	7	98 876	26 052,856	420 639,249	16,146	15,677
23	8	98 827	24 508,068	394 586,393	16,100	15,632
24	9	98 775	23 054,397	370 078,326	16,052	15,584
25	10	98 721	21 686,364	347 023,929	16,002	15,534
26	11	98 668	20 399,666	325 337,565	15,948	15,480
27	12	98 614	19 189,159	304 937,899	15,891	15,423
28	13	98 554	18 049,426	285 748,740	15,831	15,363
29	14	98 495	16 977,490	267 699,314	15,768	15,300
30	15	98 428	15 967,989	250 721,824	15,702	15,233
31	16	98 359	15 018,158	234 753,835	15,631	15,163
32	17	98 277	14 123,014	219 735,677	15,559	15,090
33	18	98 194	13 280,992	205 612,662	15,482	15,013
34	19	98 104	12 488,338	192 331,670	15,401	14,933
35	20	98 006	11 741,998	179 843,332	15,316	14,848
36	21	97 901	11 039,437	168 101,334	15,227	14,759
37	22	97 798	10 379,121	157 061,896	15,132	14,664
38	23	97 690	9 757,743	146 682,775	15,032	14,564
39	24	97 566	9 172,129	136 925,033	14,928	14,460
40	25	97 443	8 621,708	127 752,904	14,818	14,349
41	26	97 302	8 102,840	119 131,196	14,702	14,234
42	27	97 155	7 614,620	111 028,356	14,581	14,113
43	28	96 989	7 154,459	103 413,736	14,454	13,986
44	29	96 806	6 720,905	96 259,277	14,322	13,854
45	30	96 607	6 312,565	89 538,373	14,184	13,716
46	31	96 381	5 927,332	83 225,807	14,041	13,573
47	32	96 140	5 564,700	77 298,475	13,891	13,423
48	33	95 867	5 222,533	71 733,775	13,735	13,267
49	34	95 566	4 899,892	66 511,242	13,574	13,106
50	35	95 228	4 595,353	61 611,350	13,407	12,939
51	36	94 855	4 308,089	57 015,997	13,235	12,766
52	37	94 445	4 037,123	52 707,908	13,056	12,587
53	38	93 983	3 781,090	48 670,785	12,872	12,404
54	39	93 460	3 538,854	44 889,695	12,685	12,216
55	40	92 884	3 310,148	41 350,841	12,492	12,024
56	41	92 250	3 094,177	38 040,693	12,294	11,826
57	42	91 550	2 890,069	34 946,516	12,092	11,624
58	43	90 784	2 697,314	32 056,448	11,885	11,416
59	44	89 937	2 514,956	29 359,133	11,674	11,205
60	45	89 014	2 342,729	26 844,177	11,459	10,990
61	46	88 022	2 180,355	24 501,448	11,237	10,769
62	47	86 945	2 026,973	22 321,093	11,012	10,544
63	48	85 767	1 881,903	20 294,120	10,784	10,315
64	49	84 511	1 745,261	18 412,217	10,550	10,081
65	50	83 153	1 616,214	16 666,957	10,312	9,844
66	51	81 714	1 494,816	15 050,743	10,069	9,600
67	52	80 201	1 380,832	13 555,927	9,817	9,349
68	53	78 568	1 273,140	12 175,095	9,563	9,095
69	54	76 888	1 172,625	10 901,955	9,297	8,829
70	55	75 074	1 077,620	9 729,330	9,029	8,560
71	56	73 149	988,222	8 651,710	8,755	8,286
72	57	71 107	904,122	7 663,488	8,476	8,008
73	58	68 971	825,379	6 759,366	8,189	7,721
74	59	66 724	751,516	5 933,987	7,896	7,428
75	60	64 348	682,129	5 182,471	7,597	7,129
76	61	61 823	616,812	4 500,341	7,296	6,828
77	62	59 163	555,551	3 883,529	6,990	6,522
78	63	56 378	498,254	3 327,978	6,679	6,211
79	64	53 417	444,315	2 829,724	6,369	5,900
80	65	50 255	393,429	2 385,409	6,063	5,595
81	66	46 932	345,800	1 991,980	5,760	5,292
82	67	43 427	301,151	1 646,180	5,466	4,998
83	68	39 790	259,701	1 345,029	5,179	4,711
84	69	36 044	221,412	1 085,328	4,902	4,433
85	70	32 244	186,417	863,916	4,634	4,166
86	71	28 427	154,680	677,498	4,380	3,912
87	72	24 680	126,393	522,818	4,136	3,668
88	73	21 089	101,652	396,425	3,900	3,431
89	74	17 700	80,295	294,773	3,671	3,203
90	75	14 571	62,213	214,478	3,448	2,979
91	76	11 727	47,123	152,266	3,231	2,763
92	77	9 149	34,602	105,142	3,039	2,570
93	78	6 924	24,647	70,540	2,862	2,394
94	79	5 088	17,048	45,893	2,692	2,224
95	80	3 575	11,273	28,845	2,559	2,090
96	81	2 455	7,285	17,572	2,412	1,944
97	82	1 613	4,505	10,287	2,283	1,815
98	83	1 014	2,666	5,782	2,169	1,701
99	84	610	1,509	3,116	2,065	1,597
100	85	350	0,815	1,607	1,972	1,504

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	37 708,851	615 593,705	16,325	15,857
17	1	99 143	35 372,831	577 884,854	16,337	15,869
18	2	99 091	33 274,625	542 512,023	16,304	15,836
19	3	99 041	31 301,561	509 237,398	16,269	15,800
20	4	98 988	29 444,483	477 935,837	16,232	15,763
21	5	98 934	27 697,444	448 491,355	16,193	15,724
22	6	98 883	26 054,571	420 793,910	16,150	15,682
23	7	98 832	24 509,276	394 739,339	16,106	15,637
24	8	98 781	23 055,824	370 230,063	16,058	15,590
25	9	98 728	21 687,767	347 174,239	16,008	15,539
26	10	98 674	20 400,875	325 486,472	15,955	15,486
27	11	98 621	19 190,588	305 085,597	15,898	15,429
28	12	98 562	18 050,855	285 895,009	15,838	15,370
29	13	98 503	16 978,945	267 844,154	15,775	15,307
30	14	98 438	15 969,665	250 865,209	15,709	15,241
31	15	98 371	15 020,037	234 895,544	15,639	15,170
32	16	98 291	14 125,007	219 875,507	15,566	15,098
33	17	98 209	13 282,937	205 750,500	15,490	15,021
34	18	98 124	12 490,882	192 467,563	15,409	14,940
35	19	98 025	11 744,265	179 976,681	15,325	14,856
36	20	97 919	11 041,482	168 232,416	15,236	14,768
37	21	97 814	10 380,840	157 190,934	15,142	14,674
38	22	97 707	9 759,431	146 810,094	15,043	14,575
39	23	97 587	9 174,119	137 050,663	14,939	14,470
40	24	97 460	8 623,170	127 876,543	14,829	14,361
41	25	97 321	8 104,351	119 253,373	14,715	14,246
42	26	97 174	7 616,101	111 149,022	14,594	14,126
43	27	97 010	7 156,022	103 532,920	14,468	14,000
44	28	96 830	6 722,581	96 376,898	14,336	13,868
45	29	96 632	6 314,199	89 654,317	14,199	13,730
46	30	96 409	5 929,092	83 340,118	14,056	13,588
47	31	96 170	5 566,477	77 411,025	13,907	13,438
48	32	95 901	5 224,346	71 844,548	13,752	13,284
49	33	95 600	4 901,637	66 620,202	13,591	13,123
50	34	95 266	4 597,151	61 718,564	13,425	12,957
51	35	94 893	4 309,823	57 121,414	13,254	12,785
52	36	94 489	4 039,017	52 811,590	13,075	12,607
53	37	94 027	3 782,831	48 772,573	12,893	12,425
54	38	93 515	3 540,928	44 989,743	12,706	12,237
55	39	92 939	3 312,121	41 448,815	12,514	12,046
56	40	92 313	3 096,278	38 136,694	12,317	11,849
57	41	91 620	2 892,275	35 040,416	12,115	11,647
58	42	90 860	2 699,554	32 148,141	11,909	11,440
59	43	90 018	2 517,221	29 448,586	11,699	11,230
60	44	89 105	2 345,122	26 931,365	11,484	11,016
61	45	88 120	2 182,782	24 586,243	11,264	10,795
62	46	87 055	2 029,550	22 403,461	11,039	10,570
63	47	85 890	1 884,605	20 373,911	10,811	10,342
64	48	84 646	1 748,057	18 489,307	10,577	10,109
65	49	83 304	1 619,147	16 741,250	10,340	9,871
66	50	81 876	1 497,767	15 122,103	10,096	9,628
67	51	80 379	1 383,889	13 624,336	9,845	9,377
68	52	78 761	1 276,274	12 240,447	9,591	9,122
69	53	77 098	1 175,838	10 964,173	9,325	8,856
70	54	75 301	1 080,873	9 788,335	9,056	8,588
71	55	73 392	991,507	8 707,462	8,782	8,314
72	56	71 365	907,406	7 715,954	8,503	8,035
73	57	69 247	828,687	6 808,549	8,216	7,748
74	58	67 019	754,846	5 979,861	7,922	7,454
75	59	64 661	685,440	5 225,016	7,623	7,155
76	60	62 158	620,155	4 539,576	7,320	6,852
77	61	59 496	558,677	3 919,420	7,016	6,547
78	62	56 722	501,300	3 360,743	6,704	6,236
79	63	53 771	447,260	2 859,443	6,393	5,925
80	64	50 624	396,317	2 412,183	6,086	5,618
81	65	47 311	348,593	2 015,866	5,783	5,315
82	66	43 809	303,805	1 667,273	5,488	5,020
83	67	40 180	262,243	1 363,468	5,199	4,731
84	68	36 416	223,697	1 101,224	4,923	4,454
85	69	32 608	188,524	877,527	4,655	4,186
86	70	28 777	156,588	689,004	4,400	3,932
87	71	25 015	128,109	532,416	4,156	3,688
88	72	21 398	103,138	404,307	3,920	3,452
89	73	17 978	81,557	301,169	3,693	3,224
90	74	14 824	63,295	219,612	3,470	3,001
91	75	11 955	48,039	156,316	3,254	2,786
92	76	9 353	35,375	108,277	3,061	2,593
93	77	7 097	25,264	72,902	2,886	2,417
94	78	5 236	17,541	47,638	2,716	2,247
95	79	3 697	11,657	30,097	2,582	2,114
96	80	2 553	7,576	18,440	2,434	1,966
97	81	1 687	4,713	10,864	2,305	1,837
98	82	1 068	2,807	6,151	2,191	1,723
99	83	647	1,602	3,344	2,088	1,619
100	84	375	0,874	1,742	1,994	1,526

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	35 481,542	578 153,767	16,294	15,826
18	1	99 114	33 282,315	542 672,225	16,305	15,837
19	2	99 053	31 305,288	509 389,910	16,272	15,803
20	3	99 000	29 447,991	478 084,622	16,235	15,767
21	4	98 943	27 699,963	448 636,631	16,196	15,728
22	5	98 890	26 056,525	420 936,668	16,155	15,686
23	6	98 838	24 510,889	394 880,143	16,110	15,642
24	7	98 786	23 056,961	370 369,253	16,063	15,595
25	8	98 734	21 689,110	347 312,292	16,013	15,545
26	9	98 680	20 402,195	325 623,182	15,960	15,492
27	10	98 627	19 191,726	305 220,988	15,904	15,435
28	11	98 569	18 052,199	286 029,262	15,845	15,376
29	12	98 511	16 980,289	267 977,063	15,782	15,313
30	13	98 447	15 971,034	250 996,774	15,716	15,247
31	14	98 382	15 021,613	235 025,740	15,646	15,177
32	15	98 304	14 126,775	220 004,127	15,574	15,105
33	16	98 222	13 284,812	205 877,352	15,497	15,029
34	17	98 139	12 492,711	192 592,541	15,416	14,948
35	18	98 045	11 746,657	180 099,830	15,332	14,864
36	19	97 938	11 043,613	168 353,172	15,244	14,776
37	20	97 833	10 382,762	157 309,559	15,151	14,683
38	21	97 723	9 761,047	146 926,797	15,052	14,584
39	22	97 604	9 175,707	137 165,749	14,949	14,480
40	23	97 481	8 625,042	127 990,042	14,839	14,371
41	24	97 337	8 105,726	119 365,000	14,726	14,258
42	25	97 192	7 617,522	111 259,274	14,606	14,137
43	26	97 029	7 157,415	103 641,753	14,480	14,012
44	27	96 851	6 724,050	96 484,338	14,349	13,881
45	28	96 656	6 315,774	89 760,288	14,212	13,744
46	29	96 434	5 930,627	83 444,513	14,070	13,602
47	30	96 199	5 568,131	77 513,886	13,921	13,453
48	31	95 931	5 226,014	71 945,756	13,767	13,298
49	32	95 633	4 903,339	66 719,741	13,607	13,139
50	33	95 299	4 598,788	61 816,402	13,442	12,974
51	34	94 930	4 311,510	57 217,614	13,271	12,803
52	35	94 527	4 040,643	52 906,104	13,093	12,625
53	36	94 071	3 784,605	48 865,461	12,912	12,443
54	37	93 558	3 542,558	45 080,856	12,726	12,257
55	38	92 993	3 314,061	41 538,298	12,534	12,066
56	39	92 368	3 098,124	38 224,236	12,338	11,870
57	40	91 682	2 894,240	35 126,112	12,137	11,668
58	41	90 929	2 701,615	32 231,873	11,931	11,462
59	42	90 093	2 519,312	29 530,257	11,722	11,253
60	43	89 185	2 347,234	27 010,945	11,508	11,039
61	44	88 210	2 185,011	24 663,712	11,288	10,819
62	45	87 152	2 031,809	22 478,701	11,063	10,595
63	46	85 999	1 887,001	20 446,892	10,836	10,367
64	47	84 768	1 750,566	18 559,891	10,602	10,134
65	48	83 438	1 621,741	16 809,325	10,365	9,897
66	49	82 024	1 500,485	15 187,584	10,122	9,653
67	50	80 537	1 386,621	13 687,098	9,871	9,402
68	51	78 935	1 279,099	12 300,477	9,617	9,148
69	52	77 288	1 178,733	11 021,378	9,350	8,882
70	53	75 507	1 083,835	9 842,646	9,081	8,613
71	54	73 614	994,501	8 758,810	8,807	8,339
72	55	71 602	910,422	7 764,310	8,528	8,060
73	56	69 499	831,697	6 853,887	8,241	7,772
74	57	67 288	757,871	6 022,190	7,946	7,478
75	58	64 947	688,477	5 264,319	7,646	7,178
76	59	62 460	623,165	4 575,842	7,343	6,875
77	60	59 819	561,705	3 952,677	7,037	6,569
78	61	57 042	504,121	3 390,972	6,727	6,258
79	62	54 099	449,994	2 886,851	6,415	5,947
80	63	50 960	398,944	2 436,857	6,108	5,640
81	64	47 658	351,152	2 037,913	5,804	5,335
82	65	44 163	306,259	1 686,761	5,508	5,039
83	66	40 534	264,554	1 380,502	5,218	4,750
84	67	36 772	225,887	1 115,947	4,940	4,472
85	68	32 945	190,469	890,061	4,673	4,205
86	69	29 102	158,357	699,592	4,418	3,949
87	70	25 323	129,689	541,234	4,173	3,705
88	71	21 688	104,538	411,546	3,937	3,468
89	72	18 241	82,750	307,008	3,710	3,242
90	73	15 058	64,291	224,258	3,488	3,020
91	74	12 163	48,876	159,967	3,273	2,805
92	75	9 535	36,062	111,092	3,081	2,612
93	76	7 256	25,828	75,029	2,905	2,437
94	77	5 367	17,980	49,201	2,736	2,268
95	78	3 804	11,994	31,221	2,603	2,135
96	79	2 640	7,834	19,227	2,454	1,986
97	80	1 755	4,901	11,393	2,324	1,856
98	81	1 117	2,936	6,492	2,211	1,742
99	82	682	1,687	3,555	2,108	1,639
100	83	398	0,928	1,868	2,014	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	33 384,601	542 920,913	16,263	15,794
19	1	99 076	31 312,523	509 536,313	16,273	15,804
20	2	99 012	29 451,498	478 223,789	16,238	15,769
21	3	98 955	27 703,264	448 772,291	16,199	15,731
22	4	98 899	26 058,895	421 069,028	16,158	15,690
23	5	98 846	24 512,728	395 010,133	16,114	15,646
24	6	98 793	23 058,479	370 497,405	16,068	15,599
25	7	98 739	21 690,179	347 438,926	16,018	15,550
26	8	98 686	20 403,458	325 748,747	15,965	15,497
27	9	98 633	19 192,968	305 345,289	15,909	15,441
28	10	98 575	18 053,269	286 152,322	15,850	15,382
29	11	98 518	16 981,554	268 099,053	15,788	15,319
30	12	98 454	15 972,297	251 117,499	15,722	15,254
31	13	98 390	15 022,901	235 145,202	15,652	15,184
32	14	98 314	14 128,257	220 122,301	15,580	15,112
33	15	98 235	13 286,474	205 994,044	15,504	15,036
34	16	98 153	12 494,474	192 707,570	15,423	14,955
35	17	98 060	11 748,377	180 213,096	15,339	14,871
36	18	97 958	11 045,863	168 464,718	15,251	14,783
37	19	97 851	10 384,767	157 418,855	15,159	14,690
38	20	97 741	9 762,855	147 034,089	15,061	14,592
39	21	97 620	9 177,227	137 271,233	14,958	14,489
40	22	97 498	8 626,535	128 094,007	14,849	14,380
41	23	97 358	8 107,485	119 467,472	14,735	14,267
42	24	97 208	7 618,814	111 359,987	14,616	14,148
43	25	97 047	7 158,750	103 741,174	14,492	14,023
44	26	96 870	6 725,359	96 582,424	14,361	13,893
45	27	96 677	6 317,154	89 857,065	14,224	13,756
46	28	96 458	5 932,107	83 539,911	14,083	13,614
47	29	96 224	5 569,572	77 607,804	13,934	13,466
48	30	95 960	5 227,567	72 038,233	13,780	13,312
49	31	95 664	4 904,905	66 810,666	13,621	13,153
50	32	95 333	4 600,385	61 905,761	13,457	12,988
51	33	94 964	4 313,045	57 305,377	13,287	12,818
52	34	94 564	4 042,224	52 992,331	13,110	12,641
53	35	94 109	3 786,129	48 950,107	12,929	12,460
54	36	93 602	3 544,220	45 163,978	12,743	12,275
55	37	93 036	3 315,587	41 619,758	12,553	12,084
56	38	92 422	3 099,939	38 304,171	12,356	11,888
57	39	91 737	2 895,965	35 204,231	12,156	11,688
58	40	90 991	2 703,450	32 308,267	11,951	11,482
59	41	90 161	2 521,235	29 604,816	11,742	11,274
60	42	89 259	2 349,183	27 083,581	11,529	11,061
61	43	88 290	2 186,979	24 734,398	11,310	10,841
62	44	87 241	2 033,884	22 547,419	11,086	10,618
63	45	86 095	1 889,101	20 513,535	10,859	10,391
64	46	84 876	1 752,792	18 624,434	10,626	10,157
65	47	83 558	1 624,069	16 871,642	10,388	9,920
66	48	82 156	1 502,889	15 247,573	10,146	9,677
67	49	80 683	1 389,138	13 744,684	9,894	9,426
68	50	79 091	1 281,625	12 355,546	9,641	9,172
69	51	77 459	1 181,342	11 073,921	9,374	8,906
70	52	75 693	1 086,503	9 892,579	9,105	8,637
71	53	73 816	997,226	8 806,076	8,831	8,362
72	54	71 818	913,170	7 808,850	8,551	8,083
73	55	69 730	834,462	6 895,680	8,264	7,795
74	56	67 532	760,624	6 061,218	7,969	7,500
75	57	65 207	691,236	5 300,594	7,668	7,200
76	58	62 737	625,926	4 609,357	7,364	6,896
77	59	60 109	564,431	3 983,432	7,057	6,589
78	60	57 351	506,853	3 419,000	6,746	6,277
79	61	54 404	452,526	2 912,147	6,435	5,967
80	62	51 271	401,383	2 459,621	6,128	5,660
81	63	47 974	353,480	2 058,238	5,823	5,354
82	64	44 488	308,507	1 704,758	5,526	5,057
83	65	40 861	266,691	1 396,251	5,235	4,767
84	66	37 096	227,877	1 129,560	4,957	4,489
85	67	33 267	192,334	901,682	4,688	4,220
86	68	29 403	159,991	709,349	4,434	3,965
87	69	25 609	131,154	549,357	4,189	3,720
88	70	21 956	105,827	418,203	3,952	3,483
89	71	18 488	83,873	312,376	3,724	3,256
90	72	15 278	65,231	228,503	3,503	3,035
91	73	12 354	49,644	163,272	3,289	2,820
92	74	9 701	36,690	113,628	3,097	2,629
93	75	7 397	26,330	76,938	2,922	2,454
94	76	5 487	18,382	50,608	2,753	2,285
95	77	3 899	12,294	32,226	2,621	2,153
96	78	2 716	8,061	19,932	2,473	2,004
97	79	1 815	5,068	11,872	2,342	1,874
98	80	1 162	3,054	6,803	2,228	1,759
99	81	713	1,764	3,750	2,125	1,657
100	82	419	0,977	1,985	2,032	1,564

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	31 408,755	509 766,316	16,230	15,762
20	1	99 035	29 458,305	478 357,561	16,238	15,770
21	2	98 967	27 706,563	448 899,256	16,202	15,734
22	3	98 911	26 062,000	421 192,693	16,161	15,693
23	4	98 855	24 514,957	395 130,693	16,118	15,650
24	5	98 800	23 060,208	370 615,736	16,072	15,603
25	6	98 745	21 691,607	347 555,528	16,023	15,554
26	7	98 691	20 404,464	325 863,921	15,970	15,502
27	8	98 639	19 194,156	305 459,457	15,914	15,446
28	9	98 581	18 054,437	286 265,301	15,856	15,387
29	10	98 524	16 982,560	268 210,864	15,793	15,325
30	11	98 462	15 973,487	251 228,304	15,728	15,259
31	12	98 398	15 024,090	235 254,817	15,659	15,190
32	13	98 322	14 129,468	220 230,728	15,587	15,118
33	14	98 245	13 287,868	206 101,259	15,510	15,042
34	15	98 165	12 496,037	192 813,391	15,430	14,962
35	16	98 074	11 750,035	180 317,354	15,346	14,878
36	17	97 973	11 047,480	168 567,318	15,258	14,790
37	18	97 871	10 386,882	157 519,838	15,165	14,697
38	19	97 760	9 764,740	147 132,956	15,068	14,599
39	20	97 638	9 178,926	137 368,216	14,966	14,497
40	21	97 514	8 627,963	128 189,290	14,857	14,389
41	22	97 375	8 108,888	119 561,327	14,744	14,276
42	23	97 229	7 620,467	111 452,438	14,625	14,157
43	24	97 063	7 159,964	103 831,971	14,502	14,033
44	25	96 888	6 726,613	96 672,008	14,372	13,903
45	26	96 696	6 318,384	89 945,395	14,236	13,767
46	27	96 479	5 933,403	83 627,011	14,094	13,626
47	28	96 248	5 570,961	77 693,608	13,946	13,478
48	29	95 984	5 228,920	72 122,647	13,793	13,325
49	30	95 692	4 906,361	66 893,727	13,634	13,166
50	31	95 363	4 601,854	61 987,366	13,470	13,002
51	32	94 997	4 314,543	57 385,512	13,300	12,832
52	33	94 598	4 043,664	53 070,970	13,124	12,656
53	34	94 145	3 787,610	49 027,306	12,944	12,476
54	35	93 639	3 545,647	45 239,695	12,759	12,291
55	36	93 080	3 317,143	41 694,048	12,569	12,101
56	37	92 464	3 101,367	38 376,906	12,374	11,906
57	38	91 790	2 897,662	35 275,539	12,174	11,705
58	39	91 045	2 705,062	32 377,877	11,969	11,501
59	40	90 223	2 522,948	29 672,815	11,761	11,293
60	41	89 327	2 350,977	27 149,868	11,548	11,080
61	42	88 363	2 188,795	24 798,891	11,330	10,862
62	43	87 320	2 035,716	22 610,096	11,107	10,638
63	44	86 183	1 891,030	20 574,380	10,880	10,412
64	45	84 970	1 754,743	18 683,350	10,647	10,179
65	46	83 664	1 626,134	16 928,607	10,410	9,942
66	47	82 274	1 505,047	15 302,473	10,167	9,699
67	48	80 813	1 391,363	13 797,426	9,916	9,448
68	49	79 235	1 283,950	12 406,063	9,662	9,194
69	50	77 612	1 183,675	11 122,112	9,396	8,928
70	51	75 861	1 088,908	9 938,438	9,127	8,659
71	52	73 997	999,681	8 849,530	8,852	8,384
72	53	72 015	915,673	7 849,849	8,573	8,104
73	54	69 940	836,981	6 934,176	8,285	7,816
74	55	67 757	763,153	6 097,195	7,989	7,521
75	56	65 444	693,747	5 334,042	7,689	7,220
76	57	62 988	628,435	4 640,295	7,384	6,916
77	58	60 375	566,932	4 011,861	7,076	6,608
78	59	57 629	509,313	3 444,929	6,764	6,296
79	60	54 699	454,979	2 935,616	6,452	5,984
80	61	51 560	403,642	2 480,637	6,146	5,677
81	62	48 268	355,641	2 076,995	5,840	5,372
82	63	44 782	310,552	1 721,354	5,543	5,075
83	64	41 161	268,649	1 410,803	5,251	4,783
84	65	37 396	229,718	1 142,154	4,972	4,504
85	66	33 560	194,029	912,436	4,703	4,234
86	67	29 690	161,558	718,407	4,447	3,978
87	68	25 874	132,507	556,849	4,202	3,734
88	69	22 204	107,023	424,342	3,965	3,497
89	70	18 716	84,907	317,319	3,737	3,269
90	71	15 485	66,116	232,412	3,515	3,047
91	72	12 534	50,370	166,296	3,301	2,833
92	73	9 853	37,267	115,926	3,111	2,642
93	74	7 526	26,789	78,659	2,936	2,468
94	75	5 593	18,739	51,870	2,768	2,300
95	76	3 986	12,569	33,131	2,636	2,168
96	77	2 784	8,263	20,563	2,489	2,020
97	78	1 867	5,215	12,300	2,359	1,890
98	79	1 201	3,158	7,085	2,244	1,775
99	80	742	1,835	3,927	2,140	1,672
100	81	439	1,022	2,092	2,048	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	29 548,838	478 570,304	16,196	15,728
21	1	98 990	27 712,966	449 021,466	16,203	15,734
22	2	98 923	26 065,103	421 308,499	16,164	15,695
23	3	98 866	24 517,878	395 243,396	16,121	15,652
24	4	98 809	23 062,305	370 725,518	16,075	15,607
25	5	98 752	21 693,234	347 663,213	16,026	15,558
26	6	98 698	20 405,807	325 969,979	15,974	15,506
27	7	98 644	19 195,102	305 564,172	15,919	15,451
28	8	98 587	18 055,555	286 369,070	15,860	15,392
29	9	98 530	16 983,659	268 313,515	15,798	15,330
30	10	98 468	15 974,434	251 329,856	15,733	15,265
31	11	98 405	15 025,209	235 355,422	15,664	15,196
32	12	98 330	14 130,586	220 330,213	15,592	15,124
33	13	98 253	13 289,007	206 199,627	15,517	15,048
34	14	98 175	12 497,349	192 910,619	15,436	14,968
35	15	98 086	11 751,506	180 413,271	15,352	14,884
36	16	97 987	11 049,039	168 661,765	15,265	14,796
37	17	97 886	10 388,403	157 612,726	15,172	14,704
38	18	97 780	9 766,729	147 224,323	15,074	14,606
39	19	97 657	9 180,698	137 457,594	14,972	14,504
40	20	97 532	8 629,561	128 276,896	14,865	14,396
41	21	97 391	8 110,231	119 647,335	14,753	14,284
42	22	97 246	7 621,786	111 537,104	14,634	14,166
43	23	97 084	7 161,518	103 915,318	14,510	14,042
44	24	96 904	6 727,754	96 753,800	14,381	13,913
45	25	96 714	6 319,562	90 026,046	14,246	13,777
46	26	96 498	5 934,557	83 706,484	14,105	13,637
47	27	96 269	5 572,178	77 771,927	13,957	13,489
48	28	96 008	5 230,224	72 199,749	13,804	13,336
49	29	95 717	4 907,631	66 969,524	13,646	13,178
50	30	95 391	4 603,220	62 061,893	13,482	13,014
51	31	95 027	4 315,920	57 458,673	13,313	12,845
52	32	94 630	4 045,068	53 142,752	13,138	12,669
53	33	94 179	3 788,959	49 097,684	12,958	12,490
54	34	93 676	3 547,034	45 308,725	12,774	12,305
55	35	93 117	3 318,478	41 761,691	12,585	12,116
56	36	92 508	3 102,822	38 443,212	12,390	11,921
57	37	91 833	2 898,996	35 340,391	12,191	11,722
58	38	91 098	2 706,647	32 441,395	11,986	11,517
59	39	90 276	2 524,451	29 734,748	11,779	11,310
60	40	89 388	2 352,573	27 210,297	11,566	11,098
61	41	88 430	2 190,466	24 857,723	11,348	10,880
62	42	87 392	2 037,407	22 667,257	11,126	10,657
63	43	86 261	1 892,733	20 629,850	10,900	10,431
64	44	85 057	1 756,535	18 737,117	10,667	10,199
65	45	83 757	1 627,944	16 980,582	10,431	9,962
66	46	82 378	1 506,960	15 352,638	10,188	9,719
67	47	80 929	1 393,361	13 845,678	9,937	9,469
68	48	79 362	1 286,007	12 452,317	9,683	9,215
69	49	77 753	1 185,823	11 166,310	9,417	8,948
70	50	76 011	1 091,058	9 980,487	9,148	8,679
71	51	74 161	1 001,894	8 889,429	8,873	8,404
72	52	72 192	917,927	7 887,535	8,593	8,124
73	53	70 132	839,275	6 969,608	8,304	7,836
74	54	67 961	765,456	6 130,334	8,009	7,540
75	55	65 662	696,053	5 364,877	7,708	7,239
76	56	63 217	630,717	4 668,824	7,402	6,934
77	57	60 617	569,204	4 038,107	7,094	6,626
78	58	57 884	511,570	3 468,903	6,781	6,313
79	59	54 964	457,187	2 957,333	6,469	6,000
80	60	51 839	405,830	2 500,146	6,161	5,692
81	61	48 539	357,642	2 094,316	5,856	5,388
82	62	45 056	312,450	1 736,674	5,558	5,090
83	63	41 434	270,430	1 424,224	5,267	4,798
84	64	37 671	231,404	1 153,794	4,986	4,518
85	65	33 831	195,596	922,390	4,716	4,247
86	66	29 952	162,981	726,794	4,459	3,991
87	67	26 127	133,805	563,813	4,214	3,745
88	68	22 433	108,127	430,008	3,977	3,509
89	69	18 928	85,867	321,881	3,749	3,280
90	70	15 676	66,932	236,014	3,526	3,058
91	71	12 705	51,054	169,083	3,312	2,844
92	72	9 997	37,812	118,029	3,121	2,653
93	73	7 644	27,210	80,217	2,948	2,480
94	74	5 691	19,065	53,008	2,780	2,312
95	75	4 063	12,813	33,942	2,649	2,181
96	76	2 846	8,447	21,130	2,501	2,033
97	77	1 914	5,346	12,683	2,373	1,904
98	78	1 236	3,249	7,337	2,258	1,790
99	79	767	1,897	4,088	2,155	1,686
100	80	456	1,063	2,191	2,062	1,593

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	27 798,136	449 218,263	16,160	15,692
22	1	98 946	26 071,127	421 420,127	16,164	15,696
23	2	98 878	24 520,798	395 348,999	16,123	15,655
24	3	98 821	23 065,053	370 828,202	16,077	15,609
25	4	98 761	21 695,207	347 763,148	16,029	15,561
26	5	98 705	20 407,338	326 067,942	15,978	15,510
27	6	98 651	19 196,366	305 660,604	15,923	15,454
28	7	98 592	18 056,445	286 464,238	15,865	15,397
29	8	98 537	16 984,710	268 407,793	15,803	15,335
30	9	98 474	15 975,467	251 423,083	15,738	15,270
31	10	98 411	15 026,099	235 447,616	15,669	15,201
32	11	98 337	14 131,639	220 421,516	15,598	15,129
33	12	98 261	13 290,059	206 289,877	15,522	15,054
34	13	98 184	12 498,420	192 999,819	15,442	14,974
35	14	98 096	11 752,739	180 501,398	15,358	14,890
36	15	97 999	11 050,422	168 748,660	15,271	14,802
37	16	97 900	10 389,869	157 698,238	15,178	14,710
38	17	97 794	9 768,159	147 308,369	15,080	14,612
39	18	97 677	9 182,568	137 540,210	14,978	14,510
40	19	97 551	8 631,227	128 357,641	14,871	14,403
41	20	97 409	8 111,733	119 726,414	14,760	14,291
42	21	97 262	7 623,048	111 614,681	14,642	14,173
43	22	97 101	7 162,757	103 991,633	14,518	14,050
44	23	96 925	6 729,214	96 828,876	14,389	13,921
45	24	96 730	6 320,634	90 099,662	14,255	13,786
46	25	96 516	5 935,664	83 779,029	14,115	13,646
47	26	96 287	5 573,263	77 843,364	13,967	13,499
48	27	96 029	5 231,367	72 270,102	13,815	13,346
49	28	95 741	4 908,856	67 038,735	13,657	13,188
50	29	95 416	4 604,412	62 129,879	13,494	13,025
51	30	95 056	4 317,202	57 525,467	13,325	12,856
52	31	94 661	4 046,359	53 208,265	13,150	12,681
53	32	94 212	3 790,275	49 161,906	12,971	12,502
54	33	93 709	3 548,298	45 371,631	12,787	12,319
55	34	93 154	3 319,777	41 823,333	12,598	12,130
56	35	92 545	3 104,071	38 503,556	12,404	11,936
57	36	91 876	2 900,356	35 399,485	12,205	11,737
58	37	91 140	2 707,893	32 499,130	12,002	11,533
59	38	90 329	2 525,931	29 791,237	11,794	11,326
60	39	89 441	2 353,976	27 265,306	11,583	11,114
61	40	88 491	2 191,954	24 911,330	11,365	10,897
62	41	87 459	2 038,962	22 719,376	11,143	10,674
63	42	86 332	1 894,305	20 680,414	10,917	10,449
64	43	85 133	1 758,117	18 786,109	10,685	10,217
65	44	83 842	1 629,606	17 027,992	10,449	9,981
66	45	82 470	1 508,638	15 398,386	10,207	9,738
67	46	81 032	1 395,132	13 889,748	9,956	9,488
68	47	79 476	1 287,854	12 494,616	9,702	9,234
69	48	77 877	1 187,722	11 206,762	9,436	8,967
70	49	76 148	1 093,038	10 019,040	9,166	8,698
71	50	74 308	1 003,872	8 926,001	8,892	8,423
72	51	72 352	919,959	7 922,129	8,611	8,143
73	52	70 305	841,340	7 002,170	8,323	7,854
74	53	68 148	767,554	6 160,830	8,027	7,558
75	54	65 860	698,154	5 393,276	7,725	7,257
76	55	63 427	632,814	4 695,121	7,419	6,951
77	56	60 837	571,271	4 062,307	7,111	6,643
78	57	58 116	513,620	3 491,036	6,797	6,329
79	58	55 208	459,213	2 977,416	6,484	6,015
80	59	52 091	407,799	2 518,203	6,175	5,707
81	60	48 802	359,580	2 110,404	5,869	5,401
82	61	45 310	314,209	1 750,824	5,572	5,104
83	62	41 687	272,083	1 436,615	5,280	4,812
84	63	37 920	232,938	1 164,532	4,999	4,531
85	64	34 080	197,032	931,594	4,728	4,260
86	65	30 194	164,298	734,563	4,471	4,003
87	66	26 357	134,984	570,265	4,225	3,756
88	67	22 652	109,186	435,281	3,987	3,518
89	68	19 123	86,753	326,095	3,759	3,291
90	69	15 853	67,688	239,342	3,536	3,068
91	70	12 861	51,683	171,655	3,321	2,853
92	71	10 133	38,325	119,971	3,130	2,662
93	72	7 756	27,608	81,646	2,957	2,489
94	73	5 780	19,365	54,039	2,791	2,322
95	74	4 134	13,036	34,674	2,660	2,191
96	75	2 902	8,611	21,638	2,513	2,044
97	76	1 957	5,465	13,027	2,384	1,915
98	77	1 267	3,330	7,562	2,271	1,802
99	78	789	1,952	4,231	2,167	1,699
100	79	472	1,099	2,279	2,074	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	26 151,251	421 602,193	16,122	15,653
23	1	98 901	24 526,465	395 450,942	16,123	15,655
24	2	98 833	23 067,800	370 924,477	16,080	15,611
25	3	98 773	21 697,792	347 856,677	16,032	15,564
26	4	98 714	20 409,194	326 158,885	15,981	15,513
27	5	98 658	19 197,805	305 749,692	15,926	15,458
28	6	98 599	18 057,634	286 551,886	15,869	15,400
29	7	98 541	16 985,548	268 494,253	15,807	15,339
30	8	98 480	15 976,456	251 508,705	15,742	15,274
31	9	98 417	15 027,072	235 532,249	15,674	15,206
32	10	98 343	14 132,476	220 505,177	15,603	15,134
33	11	98 268	13 291,049	206 372,701	15,527	15,059
34	12	98 191	12 499,409	193 081,652	15,447	14,979
35	13	98 105	11 753,746	180 582,243	15,364	14,895
36	14	98 009	11 051,581	168 828,496	15,276	14,808
37	15	97 912	10 391,169	157 776,915	15,184	14,715
38	16	97 808	9 769,538	147 385,746	15,086	14,618
39	17	97 691	9 183,913	137 616,208	14,984	14,516
40	18	97 571	8 632,985	128 432,295	14,877	14,409
41	19	97 428	8 113,299	119 799,310	14,766	14,297
42	20	97 280	7 624,460	111 686,011	14,648	14,180
43	21	97 117	7 163,943	104 061,551	14,526	14,057
44	22	96 942	6 730,378	96 897,608	14,397	13,929
45	23	96 751	6 322,006	90 167,230	14,262	13,794
46	24	96 533	5 936,671	83 845,224	14,123	13,655
47	25	96 305	5 574,302	77 908,553	13,976	13,508
48	26	96 048	5 232,385	72 334,251	13,824	13,356
49	27	95 762	4 909,928	67 101,866	13,667	13,198
50	28	95 440	4 605,561	62 191,938	13,504	13,035
51	29	95 080	4 318,320	57 586,377	13,335	12,867
52	30	94 689	4 047,561	53 268,058	13,161	12,692
53	31	94 242	3 791,485	49 220,497	12,982	12,513
54	32	93 742	3 549,530	45 429,012	12,799	12,330
55	33	93 187	3 320,959	41 879,482	12,611	12,142
56	34	92 581	3 105,285	38 558,523	12,417	11,949
57	35	91 913	2 901,524	35 453,237	12,219	11,750
58	36	91 183	2 709,163	32 551,714	12,015	11,547
59	37	90 371	2 527,094	29 842,551	11,809	11,341
60	38	89 494	2 355,355	27 315,457	11,597	11,129
61	39	88 543	2 193,261	24 960,102	11,380	10,912
62	40	87 518	2 040,347	22 766,841	11,158	10,690
63	41	86 398	1 895,752	20 726,494	10,933	10,465
64	42	85 204	1 759,577	18 830,743	10,702	10,234
65	43	83 918	1 631,074	17 071,166	10,466	9,998
66	44	82 554	1 510,178	15 440,092	10,224	9,756
67	45	81 122	1 396,685	13 929,913	9,974	9,505
68	46	79 577	1 289,491	12 533,228	9,720	9,251
69	47	77 989	1 189,428	11 243,737	9,453	8,985
70	48	76 270	1 094,789	10 054,310	9,184	8,715
71	49	74 442	1 005,694	8 959,520	8,909	8,440
72	50	72 495	921,775	7 953,826	8,629	8,160
73	51	70 460	843,203	7 032,051	8,340	7,871
74	52	68 315	769,443	6 188,848	8,043	7,575
75	53	66 041	700,068	5 419,405	7,741	7,273
76	54	63 619	634,724	4 719,337	7,435	6,967
77	55	61 040	573,170	4 084,612	7,126	6,658
78	56	58 328	515,486	3 511,442	6,812	6,344
79	57	55 429	461,053	2 995,956	6,498	6,030
80	58	52 322	409,606	2 534,903	6,189	5,720
81	59	49 039	361,325	2 125,297	5,882	5,414
82	60	45 555	315,912	1 763,972	5,584	5,115
83	61	41 922	273,614	1 448,060	5,292	4,824
84	62	38 152	234,362	1 174,446	5,011	4,543
85	63	34 306	198,338	940,084	4,740	4,271
86	64	30 416	165,504	741,747	4,482	4,013
87	65	26 570	136,074	576,243	4,235	3,766
88	66	22 852	110,148	440,169	3,996	3,528
89	67	19 310	87,602	330,021	3,767	3,299
90	68	16 017	68,386	242,419	3,545	3,076
91	69	13 007	52,267	174,032	3,330	2,861
92	70	10 258	38,798	121,765	3,138	2,670
93	71	7 861	27,982	82,968	2,965	2,497
94	72	5 865	19,648	54,985	2,799	2,330
95	73	4 199	13,241	35,337	2,669	2,200
96	74	2 952	8,761	22,096	2,522	2,054
97	75	1 995	5,571	13,335	2,394	1,925
98	76	1 295	3,405	7,764	2,280	1,812
99	77	809	2,001	4,359	2,178	1,710
100	78	485	1,131	2,358	2,086	1,618

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	24 601,841	395 619,399	16,081	15,613
24	1	98 856	23 073,131	371 017,557	16,080	15,612
25	2	98 785	21 700,376	347 944,426	16,034	15,566
26	3	98 726	20 411,625	326 244,050	15,983	15,515
27	4	98 667	19 199,551	305 832,425	15,929	15,461
28	5	98 606	18 058,988	286 632,874	15,872	15,404
29	6	98 548	16 986,666	268 573,886	15,811	15,343
30	7	98 485	15 977,244	251 587,220	15,747	15,278
31	8	98 423	15 028,002	235 609,976	15,678	15,210
32	9	98 350	14 133,391	220 581,974	15,607	15,139
33	10	98 274	13 291,836	206 448,583	15,532	15,064
34	11	98 199	12 500,340	193 156,746	15,452	14,984
35	12	98 112	11 754,676	180 656,406	15,369	14,901
36	13	98 017	11 052,529	168 901,730	15,282	14,813
37	14	97 922	10 392,259	157 849,201	15,189	14,721
38	15	97 820	9 770,760	147 456,942	15,092	14,623
39	16	97 705	9 185,209	137 686,181	14,990	14,522
40	17	97 585	8 634,249	128 500,972	14,883	14,414
41	18	97 448	8 114,951	119 866,723	14,771	14,303
42	19	97 299	7 625,932	111 751,772	14,654	14,186
43	20	97 135	7 165,270	104 125,840	14,532	14,064
44	21	96 958	6 731,493	96 960,570	14,404	13,936
45	22	96 768	6 323,100	90 229,077	14,270	13,801
46	23	96 554	5 937,959	83 905,977	14,130	13,662
47	24	96 322	5 575,247	77 968,018	13,985	13,516
48	25	96 066	5 233,361	72 392,770	13,833	13,365
49	26	95 781	4 910,884	67 159,409	13,676	13,207
50	27	95 461	4 606,567	62 248,526	13,513	13,045
51	28	95 104	4 319,397	57 641,959	13,345	12,877
52	29	94 713	4 048,609	53 322,562	13,171	12,702
53	30	94 270	3 792,611	49 273,953	12,992	12,524
54	31	93 772	3 550,663	45 481,342	12,809	12,341
55	32	93 219	3 322,112	41 930,679	12,622	12,153
56	33	92 614	3 106,391	38 608,567	12,429	11,960
57	34	91 949	2 902,659	35 502,176	12,231	11,763
58	35	91 220	2 710,254	32 599,517	12,028	11,560
59	36	90 413	2 528,279	29 889,263	11,822	11,354
60	37	89 535	2 356,440	27 360,983	11,611	11,143
61	38	88 595	2 194,546	25 004,544	11,394	10,926
62	39	87 570	2 041,563	22 809,998	11,173	10,704
63	40	86 457	1 897,039	20 768,435	10,948	10,479
64	41	85 269	1 760,920	18 871,396	10,717	10,248
65	42	83 988	1 632,429	17 110,476	10,482	10,013
66	43	82 628	1 511,539	15 478,047	10,240	9,772
67	44	81 205	1 398,111	13 966,508	9,990	9,521
68	45	79 665	1 290,926	12 568,397	9,736	9,268
69	46	78 088	1 190,940	11 277,471	9,469	9,001
70	47	76 380	1 096,361	10 086,531	9,200	8,732
71	48	74 562	1 007,305	8 990,170	8,925	8,457
72	49	72 627	923,448	7 982,865	8,645	8,176
73	50	70 599	844,868	7 059,417	8,356	7,887
74	51	68 467	771,147	6 214,549	8,059	7,590
75	52	66 203	701,791	5 443,402	7,756	7,288
76	53	63 793	636,464	4 741,611	7,450	6,982
77	54	61 224	574,901	4 105,147	7,141	6,672
78	55	58 521	517,199	3 530,246	6,826	6,357
79	56	55 630	462,728	3 013,047	6,511	6,043
80	57	52 531	411,248	2 550,319	6,201	5,733
81	58	49 256	362,926	2 139,072	5,894	5,426
82	59	45 776	317,445	1 776,146	5,595	5,127
83	60	42 149	275,097	1 458,701	5,302	4,834
84	61	38 367	235,681	1 183,604	5,022	4,554
85	62	34 515	199,550	947,923	4,750	4,282
86	63	30 617	166,601	748,373	4,492	4,024
87	64	26 765	137,073	581,772	4,244	3,776
88	65	23 037	111,038	444,699	4,005	3,537
89	66	19 481	88,374	333,661	3,776	3,307
90	67	16 174	69,056	245,287	3,552	3,084
91	68	13 141	52,807	176,232	3,337	2,869
92	69	10 374	39,236	123,425	3,146	2,677
93	70	7 958	28,327	84,189	2,972	2,504
94	71	5 944	19,915	55,861	2,805	2,337
95	72	4 261	13,435	35,947	2,676	2,207
96	73	2 999	8,899	22,512	2,530	2,061
97	74	2 029	5,668	13,613	2,402	1,933
98	75	1 320	3,471	7,945	2,289	1,821
99	76	827	2,046	4,474	2,187	1,719
100	77	498	1,159	2,429	2,096	1,627

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	23 144,041	371 173,439	16,038	15,569
25	1	98 808	21 705,391	348 029,398	16,034	15,566
26	2	98 737	20 414,056	326 324,007	15,985	15,517
27	3	98 679	19 201,839	305 909,951	15,931	15,463
28	4	98 615	18 060,630	286 708,112	15,875	15,406
29	5	98 555	16 987,940	268 647,481	15,814	15,346
30	6	98 491	15 978,296	251 659,542	15,750	15,282
31	7	98 428	15 028,743	235 681,246	15,682	15,214
32	8	98 356	14 134,266	220 652,503	15,611	15,143
33	9	98 281	13 292,697	206 518,237	15,536	15,068
34	10	98 205	12 501,081	193 225,540	15,457	14,988
35	11	98 120	11 755,552	180 724,460	15,374	14,905
36	12	98 025	11 053,403	168 968,908	15,287	14,818
37	13	97 930	10 393,150	157 915,504	15,194	14,726
38	14	97 830	9 771,786	147 522,354	15,097	14,628
39	15	97 717	9 186,358	137 750,568	14,995	14,527
40	16	97 599	8 635,468	128 564,210	14,888	14,420
41	17	97 462	8 116,140	119 928,742	14,777	14,308
42	18	97 319	7 627,485	111 812,602	14,659	14,191
43	19	97 154	7 166,653	104 185,117	14,537	14,069
44	20	96 976	6 732,740	97 018,464	14,410	13,942
45	21	96 784	6 324,147	90 285,724	14,276	13,808
46	22	96 570	5 938,987	83 961,578	14,137	13,669
47	23	96 343	5 576,457	78 022,591	13,991	13,523
48	24	96 082	5 234,248	72 446,133	13,841	13,372
49	25	95 798	4 911,800	67 211,885	13,684	13,215
50	26	95 479	4 607,463	62 300,085	13,522	13,053
51	27	95 125	4 320,341	57 692,622	13,354	12,885
52	28	94 737	4 049,619	53 372,281	13,180	12,711
53	29	94 294	3 793,593	49 322,662	13,002	12,533
54	30	93 800	3 551,718	45 529,070	12,819	12,351
55	31	93 249	3 323,173	41 977,352	12,632	12,163
56	32	92 646	3 107,470	38 654,179	12,439	11,971
57	33	91 981	2 903,693	35 546,709	12,242	11,774
58	34	91 255	2 711,315	32 643,017	12,040	11,571
59	35	90 450	2 529,297	29 931,702	11,834	11,366
60	36	89 577	2 357,545	27 402,405	11,623	11,155
61	37	88 636	2 195,556	25 044,860	11,407	10,939
62	38	87 622	2 042,759	22 849,304	11,186	10,717
63	39	86 508	1 898,170	20 806,545	10,961	10,493
64	40	85 327	1 762,116	18 908,375	10,730	10,262
65	41	84 052	1 633,675	17 146,258	10,496	10,027
66	42	82 697	1 512,794	15 512,583	10,254	9,786
67	43	81 278	1 399,371	13 999,789	10,004	9,536
68	44	79 747	1 292,245	12 600,419	9,751	9,282
69	45	78 175	1 192,265	11 308,174	9,485	9,016
70	46	76 477	1 097,755	10 115,909	9,215	8,747
71	47	74 669	1 008,751	9 018,154	8,940	8,472
72	48	72 743	924,928	8 009,403	8,659	8,191
73	49	70 728	846,401	7 084,475	8,370	7,902
74	50	68 602	772,669	6 238,074	8,073	7,605
75	51	66 350	703,344	5 465,405	7,771	7,302
76	52	63 950	638,030	4 762,060	7,464	6,995
77	53	61 392	576,476	4 124,030	7,154	6,686
78	54	58 698	518,761	3 547,553	6,839	6,370
79	55	55 815	464,266	3 028,793	6,524	6,055
80	56	52 722	412,741	2 564,527	6,213	5,745
81	57	49 454	364,381	2 151,785	5,905	5,437
82	58	45 979	318,851	1 787,404	5,606	5,137
83	59	42 354	276,432	1 468,553	5,313	4,844
84	60	38 575	236,958	1 192,121	5,031	4,563
85	61	34 710	200,673	955,163	4,760	4,291
86	62	30 804	167,619	754,490	4,501	4,033
87	63	26 943	137,981	586,871	4,253	3,785
88	64	23 206	111,853	448,889	4,013	3,545
89	65	19 638	89,088	337,036	3,783	3,315
90	66	16 316	69,664	247,949	3,559	3,091
91	67	13 269	53,324	178,284	3,343	2,875
92	68	10 481	39,641	124,961	3,152	2,684
93	69	8 048	28,648	85,320	2,978	2,510
94	70	6 018	20,160	56,672	2,811	2,343
95	71	4 318	13,617	36,512	2,681	2,213
96	72	3 042	9,029	22,895	2,536	2,067
97	73	2 061	5,757	13,866	2,409	1,940
98	74	1 343	3,531	8,109	2,296	1,828
99	75	843	2,086	4,578	2,195	1,726
100	76	509	1,185	2,492	2,103	1,635

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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24						
25	0	99 111	21 772,097	348 173,660	15,992	15,523
26	1	98 760	20 418,774	326 401,563	15,985	15,517
27	2	98 691	19 204,126	305 982,789	15,933	15,465
28	3	98 627	18 062,782	286 778,663	15,877	15,408
29	4	98 564	16 989,485	268 715,881	15,817	15,348
30	5	98 499	15 979,494	251 726,396	15,753	15,285
31	6	98 435	15 029,732	235 746,902	15,685	15,217
32	7	98 360	14 134,963	220 717,170	15,615	15,147
33	8	98 287	13 293,520	206 582,207	15,540	15,072
34	9	98 211	12 501,890	193 288,687	15,461	14,992
35	10	98 125	11 756,248	180 786,798	15,378	14,910
36	11	98 033	11 054,227	169 030,549	15,291	14,823
37	12	97 938	10 393,973	157 976,322	15,199	14,730
38	13	97 839	9 772,623	147 582,350	15,102	14,633
39	14	97 728	9 187,322	137 809,726	15,000	14,532
40	15	97 611	8 636,548	128 622,404	14,893	14,424
41	16	97 476	8 117,285	119 985,856	14,782	14,313
42	17	97 333	7 628,602	111 868,571	14,664	14,196
43	18	97 174	7 168,113	104 239,968	14,542	14,074
44	19	96 995	6 734,039	97 071,855	14,415	13,947
45	20	96 802	6 325,318	90 337,816	14,282	13,814
46	21	96 586	5 939,970	84 012,498	14,144	13,675
47	22	96 359	5 577,423	78 072,527	13,998	13,530
48	23	96 103	5 235,384	72 495,105	13,847	13,379
49	24	95 815	4 912,633	67 259,720	13,691	13,223
50	25	95 497	4 608,322	62 347,088	13,529	13,061
51	26	95 143	4 321,182	57 738,765	13,362	12,893
52	27	94 758	4 050,504	53 417,584	13,188	12,720
53	28	94 318	3 794,539	49 367,080	13,010	12,542
54	29	93 824	3 552,637	45 572,541	12,828	12,359
55	30	93 277	3 324,160	42 019,904	12,641	12,172
56	31	92 676	3 108,462	38 695,744	12,449	11,980
57	32	92 013	2 904,701	35 587,282	12,252	11,783
58	33	91 288	2 712,280	32 682,582	12,050	11,581
59	34	90 485	2 530,287	29 970,301	11,845	11,376
60	35	89 613	2 358,494	27 440,015	11,635	11,166
61	36	88 678	2 196,586	25 081,520	11,418	10,950
62	37	87 662	2 043,700	22 884,934	11,198	10,729
63	38	86 559	1 899,282	20 841,234	10,973	10,505
64	39	85 378	1 763,167	18 941,952	10,743	10,275
65	40	84 109	1 634,785	17 178,786	10,508	10,040
66	41	82 760	1 513,949	15 544,001	10,267	9,799
67	42	81 345	1 400,533	14 030,052	10,018	9,549
68	43	79 819	1 293,409	12 629,519	9,765	9,296
69	44	78 255	1 193,483	11 336,111	9,498	9,030
70	45	76 562	1 098,977	10 142,628	9,229	8,761
71	46	74 764	1 010,033	9 043,651	8,954	8,485
72	47	72 847	926,256	8 033,617	8,673	8,205
73	48	70 841	847,757	7 107,362	8,384	7,915
74	49	68 726	774,072	6 259,605	8,087	7,618
75	50	66 481	704,733	5 485,533	7,784	7,315
76	51	64 092	639,443	4 780,800	7,477	7,008
77	52	61 543	577,895	4 141,357	7,166	6,698
78	53	58 859	520,182	3 563,462	6,850	6,382
79	54	55 984	465,668	3 043,280	6,535	6,067
80	55	52 897	414,113	2 577,612	6,224	5,756
81	56	49 633	365,704	2 163,498	5,916	5,448
82	57	46 163	320,129	1 797,794	5,616	5,147
83	58	42 541	277,657	1 477,665	5,322	4,854
84	59	38 762	238,108	1 200,008	5,040	4,571
85	60	34 898	201,761	961,900	4,768	4,299
86	61	30 978	168,563	760,140	4,510	4,041
87	62	27 107	138,825	591,577	4,261	3,793
88	63	23 359	112,594	452,752	4,021	3,553
89	64	19 782	89,742	340,158	3,790	3,322
90	65	16 448	70,227	250,416	3,566	3,097
91	66	13 386	53,794	180,189	3,350	2,881
92	67	10 584	40,029	126,395	3,158	2,689
93	68	8 131	28,943	86,366	2,984	2,516
94	69	6 085	20,388	57,423	2,817	2,348
95	70	4 372	13,785	37,035	2,687	2,218
96	71	3 084	9,151	23,250	2,541	2,072
97	72	2 091	5,841	14,099	2,414	1,945
98	73	1 364	3,587	8,258	2,302	1,834
99	74	858	2,122	4,671	2,201	1,733
100	75	519	1,208	2,549	2,110	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 601 512,236	16,015	15,546
1	1	99 340	93 277,034	1 501 512,236	16,097	15,629
2	2	99 290	87 539,980	1 408 235,202	16,087	15,618
3	3	99 263	82 174,558	1 320 695,222	16,072	15,603
4	4	99 238	77 140,084	1 238 520,664	16,055	15,587
5	5	99 218	72 417,017	1 161 380,581	16,037	15,569
6	6	99 201	67 985,693	1 088 963,563	16,018	15,549
7	7	99 184	63 825,509	1 020 977,871	15,996	15,528
8	8	99 171	59 922,056	957 152,361	15,973	15,505
9	9	99 157	56 256,774	897 230,306	15,949	15,480
10	10	99 142	52 815,597	840 973,532	15,923	15,454
11	11	99 129	49 585,357	788 157,935	15,895	15,426
12	12	99 112	46 551,396	738 572,578	15,866	15,397
13	13	99 097	43 703,348	692 021,182	15,835	15,366
14	14	99 079	41 028,566	648 317,834	15,802	15,333
15	15	99 056	38 515,780	607 289,269	15,767	15,299
16	16	99 029	36 155,092	568 773,489	15,731	15,263
17	17	98 990	33 934,910	532 618,397	15,695	15,227
18	18	98 946	31 849,759	498 683,487	15,657	15,189
19	19	98 888	29 888,325	466 833,728	15,619	15,151
20	20	98 828	28 047,021	436 945,403	15,579	15,110
21	21	98 765	26 318,487	408 898,382	15,537	15,068
22	22	98 704	24 697,053	382 579,895	15,491	15,022
23	23	98 643	23 175,251	357 882,842	15,442	14,974
24	24	98 576	21 746,087	334 707,590	15,392	14,923
25	25	98 512	20 405,530	312 961,503	15,337	14,868
26	26	98 446	19 147,332	292 555,973	15,279	14,810
27	27	98 380	17 966,701	273 408,641	15,218	14,749
28	28	98 307	16 857,556	255 441,940	15,153	14,684
29	29	98 232	15 816,592	238 584,384	15,084	14,616
30	30	98 150	14 838,916	222 767,792	15,012	14,544
31	31	98 064	13 921,092	207 928,876	14,936	14,468
32	32	97 966	13 058,281	194 007,784	14,857	14,388
33	33	97 863	12 248,455	180 949,503	14,773	14,305
34	34	97 759	11 488,638	168 701,048	14,684	14,215
35	35	97 642	10 774,551	157 212,410	14,591	14,122
36	36	97 516	10 103,900	146 437,858	14,493	14,024
37	37	97 384	9 474,368	136 333,958	14,390	13,921
38	38	97 248	8 883,694	126 859,590	14,280	13,811
39	39	97 089	8 327,863	117 975,896	14,166	13,698
40	40	96 925	7 806,402	109 648,033	14,046	13,577
41	41	96 737	7 315,775	101 841,631	13,921	13,452
42	42	96 536	6 854,940	94 525,856	13,789	13,321
43	43	96 312	6 421,640	87 670,916	13,652	13,184
44	44	96 067	6 014,417	81 249,276	13,509	13,040
45	45	95 797	5 631,449	75 234,859	13,360	12,891
46	46	95 495	5 271,069	69 603,410	13,205	12,736
47	47	95 165	4 932,276	64 332,342	13,043	12,574
48	48	94 793	4 613,111	59 400,065	12,876	12,408
49	49	94 378	4 312,587	54 786,955	12,704	12,235
50	50	93 910	4 029,323	50 474,367	12,527	12,058
51	51	93 395	3 762,663	46 445,045	12,344	11,875
52	52	92 829	3 511,603	42 682,382	12,155	11,686
53	53	92 192	3 274,628	39 170,779	11,962	11,493
54	54	91 481	3 051,074	35 896,151	11,765	11,296
55	55	90 697	2 840,315	32 845,077	11,564	11,095
56	56	89 841	2 641,783	30 004,762	11,358	10,889
57	57	88 905	2 454,689	27 362,979	11,147	10,678
58	58	87 882	2 278,360	24 908,290	10,933	10,464
59	59	86 756	2 111,893	22 629,930	10,715	10,247
60	60	85 538	1 955,165	20 518,037	10,494	10,026
61	61	84 223	1 807,604	18 562,872	10,269	9,801
62	62	82 831	1 669,239	16 755,268	10,038	9,569
63	63	81 330	1 538,945	15 086,029	9,803	9,334
64	64	79 738	1 416,745	13 547,084	9,562	9,093
65	65	78 027	1 301,729	12 130,340	9,319	8,850
66	66	76 212	1 193,855	10 828,611	9,070	8,602
67	67	74 312	1 093,035	9 634,756	8,815	8,346
68	68	72 270	998,127	8 541,721	8,558	8,089
69	69	70 194	910,285	7 543,594	8,287	7,818
70	70	67 978	827,738	6 633,309	8,014	7,545
71	71	65 645	750,549	5 805,571	7,735	7,266
72	72	63 186	678,345	5 055,022	7,452	6,983
73	73	60 647	611,350	4 376,677	7,159	6,690
74	74	58 019	549,158	3 765,327	6,857	6,388
75	75	55 263	491,149	3 216,168	6,548	6,080
76	76	52 364	436,984	2 725,019	6,236	5,767
77	77	49 293	386,250	2 288,035	5,924	5,455
78	78	46 104	339,212	1 901,784	5,606	5,138
79	79	42 737	295,244	1 562,573	5,292	4,824
80	80	39 169	254,082	1 267,329	4,988	4,519
81	81	35 458	215,971	1 013,247	4,692	4,223
82	82	31 640	180,957	797,276	4,406	3,937
83	83	27 801	149,294	616,319	4,128	3,659
84	84	23 966	120,842	467,026	3,865	3,396
85	85	20 224	95,751	346,183	3,615	3,147
86	86	16 656	74,044	250,432	3,382	2,913
87	87	13 353	55,741	176,388	3,164	2,696
88	88	10 406	40,787	120,647	2,958	2,489
89	89	7 852	28,899	79,860	2,763	2,295
90	90	5 716	19,752	50,961	2,580	2,111
91	91	3 996	12,965	31,210	2,407	1,939
92	92	2 654	8,085	18,245	2,257	1,788
93	93	1 672	4,785	10,160	2,123	1,655
94	94	1 000	2,686	5,375	2,001	1,532
95	95	556	1,402	2,689	1,918	1,450
96	96	298	0,706	1,287	1,824	1,355
97	97	150	0,333	0,581	1,747	1,279
98	98	72	0,150	0,249	1,663	1,194
99	99	32	0,062	0,099	1,591	1,123
100	100	13	0,024	0,037	1,529	1,060

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 600 565,455	16,055	15,586	50	51	93 725	4 021,382	50 100,681	12,459	11,990
1	2	99 317	93 255,482	1 500 871,841	16,094	15,625	51	52	93 189	3 754,352	46 079,299	12,274	11,805
2	3	99 278	87 529,556	1 407 616,360	16,082	15,613	52	53	92 601	3 502,980	42 324,947	12,083	11,614
3	4	99 251	82 164,768	1 320 086,804	16,066	15,598	53	54	91 940	3 265,678	38 821,966	11,888	11,419
4	5	99 229	77 133,069	1 237 922,036	16,049	15,580	54	55	91 206	3 041,892	35 556,288	11,689	11,220
5	6	99 210	72 411,586	1 160 788,967	16,030	15,562	55	56	90 397	2 830,904	32 514,397	11,486	11,017
6	7	99 194	67 981,217	1 088 377,380	16,010	15,541	56	57	89 516	2 632,223	29 683,493	11,277	10,808
7	8	99 179	63 822,363	1 020 396,163	15,988	15,519	57	58	88 550	2 444,889	27 051,270	11,064	10,596
8	9	99 165	59 918,346	956 573,800	15,965	15,496	58	59	87 494	2 268,311	24 606,381	10,848	10,379
9	10	99 150	56 253,134	896 655,454	15,940	15,471	59	60	86 337	2 101,692	22 338,070	10,629	10,160
10	11	99 136	52 812,467	840 402,320	15,913	15,444	60	61	85 077	1 944,625	20 236,377	10,406	9,938
11	12	99 121	49 581,664	787 589,853	15,885	15,416	61	62	83 752	1 797,491	18 291,753	10,176	9,708
12	13	99 105	46 547,713	738 008,189	15,855	15,386	62	63	82 328	1 659,095	16 494,262	9,942	9,473
13	14	99 088	43 699,601	691 460,476	15,823	15,354	63	64	80 794	1 528,812	14 835,167	9,704	9,235
14	15	99 068	41 024,260	647 760,875	15,790	15,321	64	65	79 157	1 406,420	13 306,355	9,461	8,992
15	16	99 044	38 510,961	606 736,615	15,755	15,286	65	66	77 402	1 291,299	11 899,935	9,215	8,747
16	17	99 015	36 149,991	568 225,653	15,719	15,250	66	67	75 547	1 183,426	10 608,636	8,964	8,496
17	18	98 975	33 929,942	532 075,663	15,682	15,213	67	68	73 591	1 082,439	9 425,209	8,707	8,239
18	19	98 926	31 843,273	498 145,721	15,644	15,175	68	69	71 532	987,931	8 342,771	8,445	7,976
19	20	98 869	29 882,556	466 302,448	15,605	15,136	69	70	69 410	900,115	7 354,840	8,171	7,702
20	21	98 809	28 041,828	436 419,893	15,563	15,094	70	71	67 149	817,654	6 454,724	7,894	7,425
21	22	98 749	26 314,130	408 378,065	15,519	15,051	71	72	64 766	740,499	5 637,071	7,613	7,144
22	23	98 687	24 692,780	382 063,935	15,473	15,004	72	73	62 276	668,570	4 896,572	7,324	6,855
23	24	98 621	23 170,223	357 371,155	15,424	14,955	73	74	59 708	601,885	4 228,002	7,025	6,556
24	25	98 559	21 742,400	334 200,933	15,371	14,902	74	75	57 026	539,763	3 626,117	6,718	6,249
25	26	98 493	20 401,725	312 458,533	15,315	14,847	75	76	54 209	481,784	3 086,354	6,406	5,937
26	27	98 427	19 143,607	292 056,808	15,256	14,787	76	77	51 221	427,447	2 604,569	6,093	5,625
27	28	98 359	17 962,776	272 913,201	15,193	14,725	77	78	48 088	376,806	2 177,123	5,778	5,309
28	29	98 282	16 853,352	254 950,425	15,128	14,659	78	79	44 809	329,680	1 800,317	5,461	4,992
29	30	98 206	15 812,499	238 097,073	15,058	14,589	79	80	41 330	285,523	1 470,637	5,151	4,682
30	31	98 121	14 834,510	222 284,574	14,984	14,516	80	81	37 665	244,323	1 185,114	4,851	4,382
31	32	98 033	13 916,649	207 450,064	14,907	14,438	81	82	33 896	206,455	940,791	4,557	4,088
32	33	97 932	13 053,749	193 533,416	14,826	14,357	82	83	30 048	171,847	734,336	4,273	3,804
33	34	97 828	12 244,094	180 479,667	14,740	14,271	83	84	26 186	140,622	562,489	4,000	3,531
34	35	97 720	11 484,145	168 235,573	14,649	14,181	84	85	22 355	112,719	421,866	3,743	3,274
35	36	97 602	10 770,215	156 751,428	14,554	14,085	85	86	18 662	88,357	309,147	3,499	3,030
36	37	97 470	10 099,163	145 981,213	14,455	13,986	86	87	15 175	67,461	220,790	3,273	2,804
37	38	97 339	9 470,008	135 882,050	14,349	13,880	87	88	12 002	50,101	153,329	3,060	2,592
38	39	97 191	8 878,492	126 412,042	14,238	13,769	88	89	9 211	36,103	103,228	2,859	2,390
39	40	97 031	8 322,902	117 533,551	14,122	13,653	89	90	6 824	25,115	67,125	2,673	2,204
40	41	96 859	7 801,104	109 210,649	13,999	13,531	90	91	4 870	16,830	42,010	2,496	2,027
41	42	96 664	7 310,194	101 409,545	13,872	13,404	91	92	3 327	10,796	25,180	2,332	1,864
42	43	96 455	6 849,252	94 099,351	13,739	13,270	92	93	2 156	6,569	14,385	2,190	1,721
43	44	96 225	6 415,861	87 250,099	13,599	13,130	93	94	1 323	3,784	7,816	2,066	1,597
44	45	95 969	6 008,282	80 834,239	13,454	12,985	94	95	765	2,055	4,032	1,963	1,494
45	46	95 691	5 625,187	74 825,957	13,302	12,833	95	96	417	1,053	1,978	1,879	1,410
46	47	95 374	5 264,376	69 200,769	13,145	12,676	96	97	218	0,516	0,925	1,794	1,326
47	48	95 029	4 925,206	63 936,394	12,981	12,513	97	98	108	0,241	0,410	1,702	1,234
48	49	94 641	4 605,732	59 011,188	12,813	12,344	98	99	50	0,104	0,169	1,625	1,157
49	50	94 207	4 304,775	54 405,457	12,638	12,170	99	100	21	0,042	0,065	1,559	1,090

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 599 868,003	16,052	15,583	50	52	93 518	4 012,500	49 696,042	12,385	11,917
1	3	99 305	93 244,377	1 500 197,424	16,089	15,620	51	53	92 960	3 745,134	45 683,542	12,198	11,729
2	4	99 266	87 519,128	1 406 953,046	16,076	15,607	52	54	92 348	3 493,406	41 938,408	12,005	11,536
3	5	99 242	82 157,296	1 319 433,919	16,060	15,591	53	55	91 663	3 255,849	38 445,002	11,808	11,339
4	6	99 222	77 127,285	1 237 276,622	16,042	15,573	54	56	90 904	3 031,813	35 189,152	11,607	11,138
5	7	99 204	72 406,820	1 160 149,337	16,023	15,554	55	57	90 070	2 820,659	32 157,340	11,401	10,932
6	8	99 189	67 977,866	1 087 742,518	16,001	15,533	56	58	89 159	2 621,714	29 336,680	11,190	10,721
7	9	99 173	63 818,412	1 019 764,651	15,979	15,510	57	59	88 159	2 434,106	26 714,966	10,975	10,507
8	10	99 158	59 914,469	955 946,240	15,955	15,486	58	60	87 072	2 257,355	24 280,860	10,756	10,288
9	11	99 144	56 249,801	896 031,771	15,930	15,461	59	61	85 871	2 090,362	22 023,505	10,536	10,067
10	12	99 129	52 808,534	839 781,970	15,902	15,434	60	62	84 601	1 933,744	19 933,143	10,308	9,839
11	13	99 113	49 577,741	786 973,437	15,874	15,405	61	63	83 243	1 786,568	17 999,399	10,075	9,606
12	14	99 096	46 543,723	737 395,696	15,843	15,374	62	64	81 786	1 648,171	16 212,831	9,837	9,368
13	15	99 078	43 695,016	690 851,973	15,811	15,342	63	65	80 205	1 517,671	14 564,660	9,597	9,128
14	16	99 056	41 019,128	647 156,957	15,777	15,308	64	66	78 523	1 395,152	13 046,989	9,352	8,883
15	17	99 030	38 505,527	606 137,829	15,742	15,273	65	67	76 726	1 280,019	11 651,837	9,103	8,634
16	18	99 001	36 144,698	567 632,302	15,704	15,236	66	68	74 814	1 171,954	10 371,818	8,850	8,381
17	19	98 955	33 923,032	531 487,604	15,667	15,199	67	69	72 840	1 071,382	9 199,864	8,587	8,118
18	20	98 907	31 837,126	497 564,572	15,628	15,160	68	70	70 733	976,894	8 128,482	8,321	7,852
19	21	98 851	29 877,022	465 727,446	15,588	15,119	69	71	68 564	889,149	7 151,589	8,043	7,574
20	22	98 793	28 037,185	435 850,424	15,545	15,077	70	72	66 250	806,705	6 262,440	7,763	7,294
21	23	98 731	26 309,576	407 813,238	15,501	15,032	71	73	63 833	729,829	5 455,735	7,475	7,007
22	24	98 666	24 687,422	381 503,662	15,453	14,985	72	74	61 312	658,219	4 725,907	7,180	6,711
23	25	98 605	23 166,294	356 816,241	15,402	14,934	73	75	58 687	591,588	4 067,688	6,876	6,407
24	26	98 541	21 738,345	333 649,947	15,348	14,880	74	76	55 939	529,471	3 476,100	6,565	6,096
25	27	98 474	20 397,755	311 911,601	15,291	14,823	75	77	53 026	471,269	2 946,629	6,253	5,784
26	28	98 405	19 139,425	291 513,846	15,231	14,762	76	78	49 969	416,995	2 475,360	5,936	5,467
27	29	98 334	17 958,296	272 374,421	15,167	14,698	77	79	46 737	366,217	2 058,365	5,621	5,152
28	30	98 257	16 848,991	254 416,124	15,100	14,631	78	80	43 333	318,826	1 692,148	5,307	4,839
29	31	98 177	15 807,804	237 567,134	15,028	14,560	79	81	39 742	274,557	1 373,322	5,002	4,533
30	32	98 090	14 829,774	221 759,330	14,954	14,485	80	82	36 005	233,557	1 098,765	4,704	4,236
31	33	97 999	13 911,819	206 929,555	14,874	14,406	81	83	32 189	196,062	865,207	4,413	3,944
32	34	97 897	13 049,101	193 017,736	14,792	14,323	82	84	28 302	161,866	669,146	4,134	3,665
33	35	97 790	12 239,305	179 968,635	14,704	14,235	83	85	24 426	131,170	507,280	3,867	3,399
34	36	97 681	11 479,523	167 729,330	14,611	14,142	84	86	20 628	104,015	376,111	3,616	3,147
35	37	97 557	10 765,165	156 249,807	14,514	14,046	85	87	17 003	80,501	272,096	3,380	2,911
36	38	97 425	10 094,515	145 484,642	14,412	13,944	86	88	13 639	60,635	191,594	3,160	2,691
37	39	97 282	9 464,462	135 390,127	14,305	13,836	87	89	10 624	44,348	130,960	2,953	2,484
38	40	97 133	8 873,203	125 925,665	14,192	13,723	88	90	8 005	31,377	86,612	2,760	2,292
39	41	96 965	8 317,253	117 052,463	14,073	13,605	89	91	5 815	21,400	55,235	2,581	2,112
40	42	96 785	7 795,153	108 735,210	13,949	13,480	90	92	4 055	14,013	33,835	2,414	1,946
41	43	96 583	7 304,128	100 940,057	13,820	13,351	91	93	2 703	8,771	19,822	2,260	1,791
42	44	96 369	6 843,088	93 635,929	13,683	13,215	92	94	1 705	5,194	11,051	2,127	1,659
43	45	96 127	6 409,316	86 792,841	13,542	13,073	93	95	1 012	2,894	5,856	2,024	1,555
44	46	95 863	6 001,601	80 383,525	13,394	12,925	94	96	574	1,543	2,963	1,920	1,451
45	47	95 569	5 618,045	74 381,924	13,240	12,771	95	97	305	0,769	1,420	1,846	1,377
46	48	95 237	5 256,829	68 763,879	13,081	12,612	96	98	157	0,373	0,651	1,746	1,277
47	49	94 877	4 917,327	63 507,050	12,915	12,446	97	99	75	0,167	0,278	1,662	1,193
48	50	94 470	4 597,389	58 589,723	12,744	12,275	98	100	33	0,070	0,111	1,590	1,121
49	51	94 021	4 296,292	53 992,334	12,567	12,098							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 599 133,650	16,046	15,577
1	4	99 293	93 233,268	1 499 474,940	16,083	15,614
2	5	99 257	87 511,170	1 406 241,672	16,069	15,601
3	6	99 234	82 151,135	1 318 730,502	16,052	15,584
4	7	99 215	77 122,208	1 236 579,367	16,034	15,565
5	8	99 199	72 403,250	1 159 457,159	16,014	15,545
6	9	99 183	67 973,658	1 087 053,909	15,992	15,524
7	10	99 167	63 814,282	1 019 080,251	15,969	15,501
8	11	99 152	59 910,918	955 265,969	15,945	15,476
9	12	99 137	56 245,611	895 355,051	15,919	15,450
10	13	99 121	52 804,356	839 109,440	15,891	15,422
11	14	99 105	49 573,492	786 305,084	15,861	15,393
12	15	99 086	46 538,838	736 731,592	15,830	15,362
13	16	99 066	43 689,549	690 192,754	15,798	15,329
14	17	99 042	41 013,340	646 503,205	15,763	15,295
15	18	99 016	38 499,889	605 489,864	15,727	15,258
16	19	98 981	36 137,337	566 989,975	15,690	15,221
17	20	98 936	33 916,484	530 852,638	15,652	15,183
18	21	98 889	31 831,231	496 936,154	15,612	15,143
19	22	98 834	29 872,076	465 104,923	15,570	15,101
20	23	98 776	28 032,334	435 232,847	15,526	15,057
21	24	98 710	26 303,867	407 200,513	15,481	15,012
22	25	98 649	24 683,235	380 896,646	15,431	14,963
23	26	98 586	23 161,974	356 213,411	15,379	14,910
24	27	98 522	21 734,116	333 051,436	15,324	14,855
25	28	98 453	20 393,300	311 317,321	15,266	14,797
26	29	98 381	19 134,652	290 924,021	15,204	14,735
27	30	98 309	17 953,649	271 789,369	15,138	14,670
28	31	98 228	16 843,988	253 835,720	15,070	14,601
29	32	98 146	15 802,758	236 991,732	14,997	14,528
30	33	98 056	14 824,628	221 188,974	14,920	14,452
31	34	97 964	13 906,866	206 364,346	14,839	14,370
32	35	97 858	13 043,998	192 457,480	14,754	14,286
33	36	97 750	12 234,379	179 413,483	14,665	14,196
34	37	97 635	11 474,141	167 179,104	14,570	14,101
35	38	97 512	10 760,211	155 704,963	14,470	14,002
36	39	97 368	10 088,603	144 944,752	14,367	13,898
37	40	97 224	9 458,824	134 856,149	14,257	13,788
38	41	97 067	8 867,180	125 397,326	14,142	13,673
39	42	96 891	8 310,908	116 530,145	14,021	13,553
40	43	96 705	7 788,684	108 219,237	13,894	13,426
41	44	96 496	7 297,555	100 430,553	13,762	13,293
42	45	96 270	6 836,108	93 132,998	13,624	13,155
43	46	96 020	6 402,189	86 296,891	13,479	13,011
44	47	95 741	5 993,980	79 894,701	13,329	12,860
45	48	95 432	5 609,991	73 900,721	13,173	12,704
46	49	95 085	5 248,420	68 290,729	13,012	12,543
47	50	94 705	4 908,420	63 042,309	12,844	12,375
48	51	94 283	4 588,329	58 133,889	12,670	12,201
49	52	93 813	4 286,803	53 545,561	12,491	12,022
50	53	93 288	4 002,648	49 258,758	12,307	11,838
51	54	92 706	3 734,898	45 256,110	12,117	11,648
52	55	92 070	3 482,892	41 521,212	11,921	11,453
53	56	91 359	3 245,061	38 038,319	11,722	11,253
54	57	90 575	3 020,841	34 793,258	11,518	11,049
55	58	89 710	2 809,399	31 772,417	11,309	10,841
56	59	88 765	2 610,151	28 963,018	11,096	10,628
57	60	87 733	2 422,349	26 352,868	10,879	10,410
58	61	86 602	2 245,186	23 930,519	10,659	10,190
59	62	85 391	2 078,666	21 685,333	10,432	9,964
60	63	84 087	1 921,994	19 606,667	10,201	9,732
61	64	82 694	1 774,804	17 684,673	9,964	9,496
62	65	81 190	1 636,161	15 909,869	9,724	9,255
63	66	79 563	1 505,511	14 273,708	9,481	9,012
64	67	77 837	1 382,965	12 768,197	9,232	8,764
65	68	75 982	1 267,610	11 385,233	8,982	8,513
66	69	74 050	1 159,982	10 117,623	8,722	8,253
67	70	72 026	1 059,412	8 957,640	8,455	7,987
68	71	69 871	964,992	7 898,228	8,185	7,716
69	72	67 646	877,243	6 933,236	7,903	7,435
70	73	65 296	795,081	6 055,994	7,617	7,148
71	74	62 844	718,529	5 260,913	7,322	6,853
72	75	60 263	646,958	4 542,384	7,021	6,552
73	76	57 568	580,307	3 895,426	6,713	6,244
74	77	54 718	517,915	3 315,119	6,401	5,932
75	78	51 729	459,746	2 797,204	6,084	5,616
76	79	48 565	405,277	2 337,458	5,768	5,299
77	80	45 198	354,160	1 932,181	5,456	4,987
78	81	41 669	306,580	1 578,021	5,147	4,678
79	82	37 991	262,459	1 271,441	4,844	4,376
80	83	34 192	221,800	1 008,981	4,549	4,080
81	84	30 320	184,674	787,181	4,263	3,794
82	85	26 400	150,985	602,507	3,991	3,522
83	86	22 540	121,040	451,522	3,730	3,262
84	87	18 794	94,767	330,482	3,487	3,019
85	88	15 282	72,355	235,715	3,258	2,789
86	89	12 073	53,672	163,359	3,044	2,575
87	90	9 233	38,542	109,687	2,846	2,377
88	91	6 821	26,735	71,145	2,661	2,192
89	92	4 842	17,819	44,410	2,492	2,024
90	93	3 295	11,385	26,591	2,336	1,867
91	94	2 138	6,936	15,206	2,192	1,724
92	95	1 304	3,973	8,270	2,082	1,613
93	96	760	2,173	4,297	1,977	1,509
94	97	420	1,127	2,124	1,884	1,416
95	98	220	0,556	0,997	1,793	1,325
96	99	109	0,259	0,441	1,702	1,233
97	100	50	0,112	0,182	1,624	1,155

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 598 347,458	16,040	15,571
1	5	99 284	93 224,790	1 498 700,621	16,076	15,607
2	6	99 250	87 504,607	1 405 475,830	16,062	15,593
3	7	99 228	82 145,727	1 317 971,223	16,044	15,576
4	8	99 210	77 118,406	1 235 825,496	16,025	15,556
5	9	99 193	72 398,768	1 158 707,090	16,005	15,536
6	10	99 177	67 969,259	1 086 308,322	15,982	15,514
7	11	99 161	63 810,501	1 018 339,063	15,959	15,490
8	12	99 145	59 906,456	954 528,562	15,934	15,465
9	13	99 129	56 241,161	894 622,106	15,907	15,438
10	14	99 113	52 799,829	838 380,945	15,878	15,410
11	15	99 095	49 568,290	785 581,115	15,848	15,380
12	16	99 073	46 533,016	736 012,826	15,817	15,348
13	17	99 052	43 683,385	689 479,810	15,784	15,315
14	18	99 028	41 007,335	645 796,425	15,748	15,280
15	19	98 995	38 492,049	604 789,090	15,712	15,243
16	20	98 961	36 130,362	566 297,041	15,674	15,205
17	21	98 918	33 910,204	530 166,679	15,634	15,166
18	22	98 872	31 825,961	496 256,475	15,593	15,124
19	23	98 817	29 866,907	464 430,514	15,550	15,081
20	24	98 755	28 026,251	434 563,607	15,506	15,037
21	25	98 693	26 299,407	406 537,356	15,458	14,989
22	26	98 631	24 678,633	380 237,949	15,408	14,939
23	27	98 567	23 157,467	355 559,316	15,354	14,885
24	28	98 500	21 729,368	332 401,849	15,297	14,829
25	29	98 428	20 388,214	310 672,480	15,238	14,769
26	30	98 355	19 129,700	290 284,267	15,175	14,706
27	31	98 280	17 948,318	271 154,566	15,108	14,639
28	32	98 196	16 838,611	253 206,248	15,037	14,568
29	33	98 112	15 797,274	236 367,637	14,963	14,494
30	34	98 021	14 819,350	220 570,363	14,884	14,415
31	35	97 926	13 901,426	205 751,014	14,801	14,332
32	36	97 819	13 038,748	191 849,587	14,714	14,245
33	37	97 705	12 228,643	178 810,839	14,622	14,154
34	38	97 590	11 468,860	166 582,196	14,525	14,056
35	39	97 455	10 753,909	155 113,336	14,424	13,955
36	40	97 310	10 082,593	144 359,428	14,318	13,849
37	41	97 158	9 452,404	134 276,834	14,206	13,737
38	42	96 993	8 860,416	124 824,430	14,088	13,619
39	43	96 811	8 304,012	115 964,014	13,965	13,496
40	44	96 618	7 781,675	107 660,003	13,835	13,366
41	45	96 398	7 290,111	99 878,328	13,701	13,232
42	46	96 163	6 828,506	92 588,217	13,559	13,090
43	47	95 898	6 394,060	85 759,711	13,412	12,944
44	48	95 604	5 985,388	79 365,650	13,260	12,791
45	49	95 279	5 601,018	73 380,263	13,101	12,632
46	50	94 912	5 238,913	67 779,245	12,938	12,469
47	51	94 518	4 898,747	62 540,332	12,767	12,298
48	52	94 075	4 578,194	57 641,585	12,590	12,122
49	53	93 583	4 276,277	53 063,391	12,409	11,940
50	54	93 033	3 991,708	48 787,114	12,222	11,753
51	55	92 427	3 723,657	44 795,405	12,030	11,561
52	56	91 765	3 471,352	41 071,748	11,832	11,363
53	57	91 029	3 233,318	37 600,396	11,629	11,160
54	58	90 213	3 008,781	34 367,078	11,422	10,954
55	59	89 315	2 797,008	31 358,297	11,211	10,743
56	60	88 337	2 597,544	28 561,289	10,995	10,527
57	61	87 260	2 409,290	25 963,745	10,777	10,308
58	62	86 118	2 232,624	23 554,456	10,550	10,081
59	63	84 872	2 066,035	21 321,832	10,320	9,851
60	64	83 533	1 909,338	19 255,797	10,085	9,616
61	65	82 092	1 761,871	17 346,458	9,845	9,377
62	66	80 539	1 623,051	15 584,588	9,602	9,133
63	67	78 868	1 492,360	13 961,536	9,355	8,887
64	68	77 082	1 369,558	12 469,177	9,105	8,636
65	69	75 206	1 254,662	11 099,619	8,847	8,378
66	70	73 223	1 147,023	9 844,958	8,583	8,114
67	71	71 148	1 046,505	8 697,935	8,311	7,843
68	72	68 935	952,070	7 651,430	8,037	7,568
69	73	66 671	864,602	6 699,360	7,748	7,280
70	74	64 285	782,771	5 834,758	7,454	6,985
71	75	61 769	706,236	5 051,987	7,153	6,685
72	76	59 114	634,622	4 345,751	6,848	6,379
73	77	56 311	567,642	3 711,129	6,538	6,069
74	78	53 380	505,251	3 143,487	6,222	5,753
75	79	50 276	446,827	2 638,236	5,904	5,436
76	80	46 966	391,934	2 191,410	5,591	5,123
77	81	43 462	340,558	1 799,476	5,284	4,815
78	82	39 833	293,072	1 458,918	4,978	4,509
79	83	36 079	249,247	1 165,846	4,677	4,209
80	84	32 206	208,917	916,600	4,387	3,919
81	85	28 282	172,260	707,682	4,108	3,639
82	86	24 361	139,326	535,422	3,843	3,374
83	87	20 536	110,279	396,097	3,592	3,123
84	88	16 892	85,178	285,818	3,356	2,887
85	89	13 527	64,047	200,640	3,133	2,664
86	90	10 492	46,646	136,593	2,928	2,460
87	91	7 867	32,840	89,947	2,739	2,270
88	92	5 680	22,261	57,107	2,565	2,097
89	93	3 934	14,477	34,845	2,407	1,938
90	94	2 605	9,003	20,369	2,262	1,794
91	95	1 635	5,305	11,365	2,142	1,674
92	96	979	2,983	6,061	2,031	1,563
93	97	555	1,588	3,077	1,938	1,470
94	98	303	0,815	1,490	1,828	1,359
95	99	153	0,386	0,675	1,746	1,277
96	100	73	0,173	0,288	1,661	1,192

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 597 505,480	16,033	15,564
1	6	99 277	93 217,799	1 497 867,704	16,068	15,600
2	7	99 243	87 498,847	1 404 649,905	16,053	15,585
3	8	99 223	82 141,678	1 317 151,058	16,035	15,566
4	9	99 204	77 113,631	1 235 009,380	16,015	15,547
5	10	99 186	72 394,083	1 157 895,748	15,994	15,526
6	11	99 171	67 965,232	1 085 501,665	15,971	15,503
7	12	99 153	63 805,748	1 017 536,434	15,947	15,479
8	13	99 137	59 901,717	953 730,686	15,922	15,453
9	14	99 121	56 236,340	893 828,969	15,894	15,425
10	15	99 102	52 794,289	837 592,629	15,865	15,396
11	16	99 082	49 562,088	784 798,340	15,835	15,366
12	17	99 059	46 526,450	735 236,252	15,803	15,334
13	18	99 037	43 676,989	688 709,801	15,768	15,300
14	19	99 007	40 998,984	645 032,812	15,733	15,264
15	20	98 976	38 484,619	604 033,828	15,695	15,227
16	21	98 943	36 123,671	565 549,209	15,656	15,187
17	22	98 901	33 904,590	529 425,537	15,615	15,146
18	23	98 855	31 820,454	495 520,948	15,572	15,104
19	24	98 796	29 860,426	463 700,494	15,529	15,060
20	25	98 738	28 021,499	433 840,068	15,482	15,014
21	26	98 675	26 294,503	405 818,569	15,434	14,965
22	27	98 612	24 673,831	379 524,066	15,382	14,913
23	28	98 546	23 152,409	354 850,235	15,327	14,858
24	29	98 476	21 723,949	331 697,826	15,269	14,800
25	30	98 403	20 382,938	309 973,877	15,208	14,739
26	31	98 326	19 124,020	289 590,939	15,143	14,674
27	32	98 248	17 942,589	270 466,919	15,074	14,605
28	33	98 162	16 832,767	252 524,330	15,002	14,533
29	34	98 077	15 791,650	235 691,562	14,925	14,456
30	35	97 982	14 813,553	219 899,913	14,845	14,376
31	36	97 886	13 895,831	205 086,359	14,759	14,290
32	37	97 773	13 032,634	191 190,528	14,670	14,201
33	38	97 660	12 223,015	178 157,893	14,576	14,107
34	39	97 533	11 462,143	165 934,878	14,477	14,008
35	40	97 397	10 747,503	154 472,735	14,373	13,904
36	41	97 244	10 075,750	143 725,233	14,264	13,796
37	42	97 084	9 445,193	133 649,482	14,150	13,681
38	43	96 912	8 853,064	124 204,289	14,030	13,561
39	44	96 723	8 296,539	115 351,226	13,904	13,435
40	45	96 519	7 773,737	107 054,687	13,771	13,303
41	46	96 291	7 282,005	99 280,950	13,634	13,165
42	47	96 041	6 819,836	91 998,946	13,490	13,021
43	48	95 761	6 384,894	85 179,109	13,341	12,872
44	49	95 451	5 975,814	78 794,215	13,186	12,717
45	50	95 107	5 590,872	72 818,401	13,025	12,556
46	51	94 725	5 228,589	67 227,530	12,858	12,389
47	52	94 310	4 887,927	61 998,941	12,684	12,215
48	53	93 844	4 566,953	57 111,014	12,505	12,037
49	54	93 327	4 264,589	52 544,061	12,321	11,852
50	55	92 753	3 979,695	48 279,471	12,131	11,663
51	56	92 121	3 711,320	44 299,777	11,936	11,468
52	57	91 433	3 458,790	40 588,457	11,735	11,266
53	58	90 665	3 220,410	37 129,667	11,529	11,061
54	59	89 815	2 995,510	33 909,258	11,320	10,851
55	60	88 883	2 783,498	30 913,747	11,106	10,637
56	61	87 860	2 583,540	28 130,249	10,888	10,420
57	62	86 772	2 395,810	25 546,709	10,663	10,194
58	63	85 594	2 219,057	23 150,899	10,433	9,964
59	64	84 313	2 052,431	20 931,842	10,199	9,730
60	65	82 925	1 895,424	18 879,411	9,961	9,492
61	66	81 434	1 747,754	16 983,987	9,718	9,249
62	67	79 836	1 608,873	15 236,232	9,470	9,001
63	68	78 103	1 477,892	13 627,359	9,221	8,752
64	69	76 295	1 355,568	12 149,467	8,963	8,494
65	70	74 366	1 240,644	10 793,899	8,700	8,231
66	71	72 331	1 133,048	9 553,255	8,431	7,963
67	72	70 196	1 032,492	8 420,207	8,155	7,686
68	73	67 942	938,351	7 387,715	7,873	7,404
69	74	65 639	851,216	6 449,363	7,577	7,108
70	75	63 185	769,379	5 598,148	7,276	6,807
71	76	60 591	692,770	4 828,769	6,970	6,501
72	77	57 823	620,771	4 135,999	6,663	6,194
73	78	54 934	553,762	3 515,228	6,348	5,879
74	79	51 880	491,053	2 961,467	6,031	5,562
75	80	48 621	432,116	2 470,413	5,717	5,248
76	81	45 162	376,881	2 038,298	5,408	4,940
77	82	41 547	325,552	1 661,417	5,103	4,635
78	83	37 828	278,318	1 335,865	4,800	4,331
79	84	33 983	234,770	1 057,547	4,505	4,036
80	85	30 042	194,874	822,777	4,222	3,753
81	86	26 098	158,958	627,904	3,950	3,481
82	87	22 195	126,939	468,946	3,694	3,226
83	88	18 458	99,120	342,007	3,450	2,982
84	89	14 953	75,397	242,887	3,221	2,753
85	90	11 756	55,662	167,490	3,009	2,540
86	91	8 940	39,745	111,828	2,814	2,345
87	92	6 551	27,345	72,083	2,636	2,167
88	93	4 614	18,086	44,738	2,474	2,005
89	94	3 111	11,448	26,652	2,328	1,859
90	95	1 993	6,886	15,204	2,208	1,739
91	96	1 228	3,984	8,318	2,088	1,619
92	97	715	2,179	4,334	1,989	1,520
93	98	401	1,148	2,155	1,877	1,408
94	99	211	0,567	1,007	1,777	1,308
95	100	103	0,259	0,440	1,701	1,233

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 596 600,578	16,025	15,557
1	7	99 270	93 211,663	1 496 970,273	16,060	15,591
2	8	99 238	87 494,533	1 403 758,611	16,044	15,575
3	9	99 217	82 136,592	1 316 264,077	16,025	15,557
4	10	99 198	77 108,642	1 234 127,485	16,005	15,536
5	11	99 180	72 389,794	1 157 018,843	15,983	15,514
6	12	99 164	67 960,169	1 084 629,050	15,960	15,491
7	13	99 145	63 800,700	1 016 668,880	15,935	15,466
8	14	99 129	59 896,582	952 868,180	15,909	15,440
9	15	99 110	56 230,439	892 971,598	15,881	15,412
10	16	99 090	52 787,684	836 741,159	15,851	15,382
11	17	99 068	49 555,095	783 953,475	15,820	15,351
12	18	99 045	46 519,638	734 398,380	15,787	15,318
13	19	99 017	43 668,094	687 878,742	15,752	15,284
14	20	98 988	40 991,070	644 210,648	15,716	15,247
15	21	98 958	38 477,493	603 219,577	15,677	15,208
16	22	98 927	36 117,691	564 742,084	15,636	15,167
17	23	98 884	33 898,723	528 624,393	15,594	15,125
18	24	98 834	31 813,549	494 725,670	15,551	15,082
19	25	98 779	29 855,362	462 912,121	15,505	15,036
20	26	98 719	28 016,274	433 056,759	15,457	14,989
21	27	98 656	26 289,387	405 040,485	15,407	14,938
22	28	98 590	24 668,442	378 751,098	15,354	14,885
23	29	98 521	23 146,635	354 082,656	15,297	14,829
24	30	98 450	21 718,328	330 936,021	15,238	14,769
25	31	98 373	20 376,885	309 217,694	15,175	14,706
26	32	98 295	19 117,916	288 840,808	15,108	14,640
27	33	98 214	17 936,362	269 722,892	15,038	14,569
28	34	98 127	16 826,774	251 786,530	14,963	14,495
29	35	98 038	15 785,473	234 959,756	14,885	14,416
30	36	97 943	14 807,591	219 174,283	14,801	14,333
31	37	97 841	13 889,316	204 366,692	14,714	14,245
32	38	97 728	13 026,637	190 477,376	14,622	14,153
33	39	97 603	12 215,857	177 450,739	14,526	14,058
34	40	97 475	11 455,315	165 234,883	14,424	13,956
35	41	97 331	10 740,208	153 779,567	14,318	13,849
36	42	97 170	10 068,064	143 039,359	14,207	13,738
37	43	97 003	9 437,355	132 971,295	14,090	13,621
38	44	96 825	8 845,096	123 533,940	13,966	13,498
39	45	96 625	8 288,076	114 688,844	13,838	13,369
40	46	96 412	7 765,093	106 400,768	13,702	13,234
41	47	96 169	7 272,758	98 635,675	13,562	13,094
42	48	95 903	6 810,060	91 362,916	13,416	12,947
43	49	95 607	6 374,681	84 552,857	13,264	12,795
44	50	95 278	5 964,989	78 178,176	13,106	12,637
45	51	94 919	5 579,854	72 213,187	12,942	12,473
46	52	94 516	5 217,040	66 633,333	12,772	12,304
47	53	94 078	4 875,925	61 416,293	12,596	12,127
48	54	93 588	4 554,471	56 540,367	12,414	11,946
49	55	93 046	4 251,755	51 985,896	12,227	11,758
50	56	92 446	3 966,508	47 734,142	12,034	11,566
51	57	91 788	3 697,889	43 767,633	11,836	11,367
52	58	91 068	3 444,981	40 069,745	11,631	11,163
53	59	90 265	3 206,206	36 624,763	11,423	10,954
54	60	89 381	2 981,042	33 418,557	11,210	10,742
55	61	88 404	2 768,492	30 437,515	10,994	10,526
56	62	87 369	2 569,085	27 669,023	10,770	10,301
57	63	86 245	2 381,251	25 099,938	10,541	10,072
58	64	85 031	2 204,446	22 718,687	10,306	9,837
59	65	83 699	2 037,474	20 514,241	10,068	9,600
60	66	82 260	1 880,238	18 476,766	9,827	9,358
61	67	80 723	1 732,487	16 596,528	9,580	9,111
62	68	79 062	1 593,276	14 864,041	9,329	8,860
63	69	77 305	1 462,796	13 270,765	9,072	8,603
64	70	75 443	1 340,423	11 807,970	8,809	8,340
65	71	73 460	1 225,529	10 467,546	8,541	8,073
66	72	71 362	1 117,876	9 242,017	8,267	7,799
67	73	69 184	1 017,614	8 124,141	7,984	7,515
68	74	66 890	923,823	7 106,527	7,693	7,224
69	75	64 516	836,653	6 182,704	7,390	6,921
70	76	61 980	754,709	5 346,051	7,084	6,615
71	77	59 269	677,649	4 591,343	6,775	6,307
72	78	56 409	605,592	3 913,693	6,463	5,994
73	79	53 391	538,201	3 308,101	6,147	5,678
74	80	50 172	474,886	2 769,901	5,833	5,364
75	81	46 753	415,519	2 295,014	5,523	5,055
76	82	43 172	360,274	1 879,495	5,217	4,748
77	83	39 455	309,163	1 519,221	4,914	4,445
78	84	35 631	262,153	1 210,058	4,616	4,147
79	85	31 699	218,989	947,905	4,329	3,860
80	86	27 722	179,825	728,917	4,053	3,585
81	87	23 777	144,825	549,092	3,791	3,323
82	88	19 949	114,094	404,266	3,543	3,075
83	89	16 338	87,738	290,173	3,307	2,839
84	90	12 995	65,526	202,434	3,089	2,621
85	91	10 017	47,428	136,908	2,887	2,418
86	92	7 444	33,094	89,480	2,704	2,235
87	93	5 322	22,216	56,386	2,538	2,069
88	94	3 649	14,302	34,170	2,389	1,920
89	95	2 379	8,756	19,867	2,269	1,800
90	96	1 496	5,171	11,111	2,149	1,680
91	97	897	2,910	5,940	2,041	1,572
92	98	517	1,576	3,030	1,923	1,454
93	99	279	0,798	1,454	1,822	1,354
94	100	141	0,379	0,656	1,730	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 595 626,518	16,017	15,548
1	8	99 266	93 207,068	1 496 002,772	16,050	15,582
2	9	99 232	87 489,116	1 402 795,704	16,034	15,565
3	10	99 210	82 131,278	1 315 306,588	16,015	15,546
4	11	99 192	77 104,073	1 233 175,310	15,994	15,525
5	12	99 173	72 384,402	1 156 071,238	15,971	15,503
6	13	99 156	67 954,793	1 083 686,836	15,947	15,478
7	14	99 137	63 795,231	1 015 732,043	15,922	15,453
8	15	99 118	59 890,296	951 936,812	15,895	15,426
9	16	99 098	56 223,405	892 046,516	15,866	15,397
10	17	99 076	52 780,235	835 823,111	15,836	15,367
11	18	99 054	49 547,839	783 042,875	15,804	15,335
12	19	99 025	46 510,165	733 495,036	15,771	15,302
13	20	98 998	43 659,665	686 984,871	15,735	15,266
14	21	98 970	40 983,480	643 325,206	15,697	15,228
15	22	98 942	38 471,123	602 341,726	15,657	15,188
16	23	98 910	36 111,441	563 870,603	15,615	15,146
17	24	98 863	33 891,367	527 759,162	15,572	15,103
18	25	98 817	31 808,155	493 867,795	15,526	15,058
19	26	98 761	29 849,796	462 059,640	15,479	15,011
20	27	98 700	28 010,823	432 209,845	15,430	14,961
21	28	98 634	26 283,644	404 199,022	15,378	14,910
22	29	98 565	24 662,290	377 915,377	15,324	14,855
23	30	98 496	23 140,645	353 253,088	15,265	14,797
24	31	98 421	21 711,879	330 112,443	15,204	14,735
25	32	98 342	20 370,381	308 400,564	15,140	14,671
26	33	98 261	19 111,281	288 030,183	15,071	14,602
27	34	98 179	17 929,976	268 918,902	14,998	14,530
28	35	98 089	16 820,193	250 988,926	14,922	14,453
29	36	97 999	15 779,120	234 168,733	14,840	14,372
30	37	97 897	14 800,649	218 389,613	14,755	14,287
31	38	97 795	13 882,924	203 588,965	14,665	14,196
32	39	97 671	13 019,007	189 706,040	14,571	14,103
33	40	97 544	12 208,579	176 687,033	14,472	14,004
34	41	97 409	11 447,540	164 478,454	14,368	13,899
35	42	97 256	10 732,015	153 030,913	14,259	13,791
36	43	97 089	10 059,709	142 298,898	14,145	13,677
37	44	96 916	9 428,862	132 239,189	14,025	13,556
38	45	96 726	8 836,074	122 810,327	13,899	13,430
39	46	96 517	8 278,860	113 974,252	13,767	13,298
40	47	96 290	7 755,234	105 695,393	13,629	13,160
41	48	96 031	7 262,333	97 940,159	13,486	13,017
42	49	95 750	6 799,166	90 677,827	13,337	12,868
43	50	95 434	6 363,134	83 878,660	13,182	12,713
44	51	95 090	5 953,234	77 515,527	13,021	12,552
45	52	94 710	5 567,529	71 562,293	12,854	12,385
46	53	94 284	5 204,231	65 994,763	12,681	12,212
47	54	93 821	4 862,599	60 790,533	12,502	12,033
48	55	93 306	4 540,764	55 927,934	12,317	11,848
49	56	92 738	4 237,667	51 387,170	12,126	11,658
50	57	92 112	3 952,154	47 149,503	11,930	11,461
51	58	91 421	3 683,126	43 197,349	11,728	11,260
52	59	90 666	3 429,787	39 514,223	11,521	11,052
53	60	89 829	3 190,720	36 084,436	11,309	10,840
54	61	88 899	2 964,971	32 893,717	11,094	10,625
55	62	87 909	2 753,002	29 928,745	10,871	10,403
56	63	86 838	2 553,474	27 175,743	10,643	10,174
57	64	85 677	2 365,572	24 622,269	10,409	9,940
58	65	84 411	2 188,381	22 256,697	10,170	9,702
59	66	83 028	2 021,150	20 068,316	9,929	9,460
60	67	81 542	1 863,813	18 047,166	9,683	9,214
61	68	79 940	1 715,692	16 183,353	9,433	8,964
62	69	78 254	1 577,001	14 467,661	9,174	8,705
63	70	76 442	1 446,453	12 890,660	8,912	8,443
64	71	74 523	1 324,092	11 444,207	8,643	8,174
65	72	72 476	1 209,119	10 120,115	8,370	7,901
66	73	70 334	1 101,768	8 910,996	8,088	7,619
67	74	68 113	1 001,859	7 809,228	7,795	7,326
68	75	65 746	908,018	6 807,369	7,497	7,028
69	76	63 286	820,700	5 899,351	7,188	6,719
70	77	60 627	738,236	5 078,651	6,879	6,411
71	78	57 820	661,080	4 340,415	6,566	6,097
72	79	54 824	588,574	3 679,336	6,251	5,783
73	80	51 633	520,482	3 090,761	5,938	5,470
74	81	48 245	456,647	2 570,280	5,629	5,160
75	82	44 693	397,210	2 113,633	5,321	4,852
76	83	40 999	342,138	1 716,423	5,017	4,548
77	84	37 164	291,206	1 374,285	4,719	4,251
78	85	33 236	244,531	1 083,079	4,429	3,960
79	86	29 251	202,078	838,548	4,150	3,681
80	87	25 257	163,837	636,470	3,885	3,416
81	88	21 371	130,170	472,633	3,631	3,162
82	89	17 659	100,993	342,462	3,391	2,922
83	90	14 199	76,252	241,470	3,167	2,698
84	91	11 073	55,833	165,218	2,959	2,490
85	92	8 341	39,491	109,385	2,770	2,301
86	93	6 048	26,887	69,894	2,600	2,131
87	94	4 209	17,569	43,007	2,448	1,979
88	95	2 791	10,939	25,438	2,325	1,857
89	96	1 787	6,575	14,499	2,205	1,736
90	97	1 093	3,778	7,924	2,098	1,629
91	98	648	2,104	4,146	1,971	1,502
92	99	360	1,095	2,042	1,864	1,395
93	100	187	0,534	0,947	1,772	1,303

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 594 577,455	16,007	15,538
1	9	99 259	93 201,297	1 494 958,620	16,040	15,571
2	10	99 226	87 483,455	1 401 757,323	16,023	15,554
3	11	99 205	82 126,411	1 314 273,867	16,003	15,534
4	12	99 184	77 098,330	1 232 147,456	15,982	15,513
5	13	99 165	72 378,675	1 155 049,127	15,958	15,490
6	14	99 147	67 948,968	1 082 670,452	15,934	15,465
7	15	99 127	63 788,537	1 014 721,484	15,908	15,439
8	16	99 106	59 882,804	950 932,947	15,880	15,411
9	17	99 084	56 215,471	891 050,143	15,851	15,382
10	18	99 061	52 772,507	834 834,672	15,819	15,351
11	19	99 033	49 537,749	782 062,164	15,787	15,318
12	20	99 006	46 501,187	732 524,415	15,753	15,284
13	21	98 979	43 651,581	686 023,228	15,716	15,247
14	22	98 954	40 976,695	642 371,647	15,677	15,208
15	23	98 924	38 464,466	601 394,952	15,635	15,166
16	24	98 888	36 103,605	562 930,486	15,592	15,123
17	25	98 846	33 885,620	526 826,881	15,547	15,078
18	26	98 799	31 802,224	492 941,261	15,500	15,031
19	27	98 741	29 843,988	461 139,037	15,452	14,983
20	28	98 679	28 004,704	431 295,049	15,401	14,932
21	29	98 610	26 277,090	403 290,345	15,348	14,879
22	30	98 540	24 655,907	377 013,256	15,291	14,822
23	31	98 466	23 133,774	352 357,348	15,231	14,763
24	32	98 390	21 704,948	329 223,574	15,168	14,699
25	33	98 308	20 363,312	307 518,626	15,102	14,633
26	34	98 226	19 104,476	287 155,314	15,031	14,562
27	35	98 141	17 922,963	268 050,838	14,956	14,487
28	36	98 049	16 813,423	250 127,875	14,877	14,408
29	37	97 953	15 771,722	233 314,452	14,793	14,324
30	38	97 852	14 793,837	217 542,730	14,705	14,236
31	39	97 738	13 874,793	202 748,893	14,613	14,144
32	40	97 613	13 011,252	188 874,099	14,516	14,047
33	41	97 478	12 200,294	175 862,847	14,415	13,946
34	42	97 335	11 438,808	163 662,554	14,308	13,839
35	43	97 176	10 723,110	152 223,746	14,196	13,727
36	44	97 002	10 050,656	141 500,637	14,079	13,610
37	45	96 817	9 419,244	131 449,980	13,955	13,487
38	46	96 619	8 826,249	122 030,736	13,826	13,357
39	47	96 395	8 268,348	113 204,487	13,691	13,223
40	48	96 152	7 744,116	104 936,139	13,550	13,082
41	49	95 877	7 250,716	97 192,023	13,404	12,936
42	50	95 577	6 786,850	89 941,307	13,252	12,784
43	51	95 246	6 350,594	83 154,457	13,094	12,625
44	52	94 880	5 940,084	76 803,863	12,930	12,461
45	53	94 477	5 553,859	70 863,779	12,759	12,291
46	54	94 026	5 190,007	65 309,919	12,584	12,115
47	55	93 539	4 847,964	60 119,913	12,401	11,932
48	56	92 997	4 525,718	55 271,949	12,213	11,744
49	57	92 402	4 222,331	50 746,230	12,019	11,550
50	58	91 744	3 936,376	46 523,899	11,819	11,350
51	59	91 018	3 666,881	42 587,523	11,614	11,145
52	60	90 229	3 413,221	38 920,642	11,403	10,934
53	61	89 345	3 173,519	35 507,421	11,189	10,720
54	62	88 402	2 948,382	32 333,902	10,967	10,498
55	63	87 375	2 736,273	29 385,520	10,739	10,271
56	64	86 266	2 536,661	26 649,247	10,506	10,037
57	65	85 053	2 348,333	24 112,586	10,268	9,799
58	66	83 735	2 170,848	21 764,253	10,026	9,557
59	67	82 303	2 003,494	19 593,405	9,780	9,311
60	68	80 751	1 845,745	17 589,911	9,530	9,061
61	69	79 124	1 698,166	15 744,166	9,271	8,803
62	70	77 380	1 559,383	14 046,000	9,007	8,539
63	71	75 510	1 428,830	12 486,618	8,739	8,270
64	72	73 526	1 306,362	11 057,787	8,465	7,996
65	73	71 432	1 191,696	9 751,425	8,183	7,714
66	74	69 245	1 084,710	8 559,729	7,891	7,423
67	75	66 948	984,719	7 475,019	7,591	7,122
68	76	64 492	890,704	6 490,301	7,287	6,818
69	77	61 905	802,787	5 599,596	6,975	6,506
70	78	59 145	720,185	4 796,809	6,661	6,192
71	79	56 195	642,503	4 076,624	6,345	5,876
72	80	53 019	569,197	3 434,121	6,033	5,565
73	81	49 650	500,491	2 864,925	5,724	5,255
74	82	46 119	436,526	2 364,434	5,416	4,948
75	83	42 443	377,214	1 927,908	5,111	4,642
76	84	38 617	322,266	1 550,694	4,812	4,343
77	85	34 666	271,631	1 228,429	4,522	4,054
78	86	30 669	225,648	956,797	4,240	3,771
79	87	26 650	184,112	731,150	3,971	3,502
80	88	22 701	147,259	547,038	3,715	3,246
81	89	18 917	115,224	399,779	3,470	3,001
82	90	15 347	87,771	284,556	3,242	2,773
83	91	12 099	64,971	196,785	3,029	2,560
84	92	9 220	46,490	131,813	2,835	2,367
85	93	6 777	32,084	85,323	2,659	2,191
86	94	4 783	21,262	53,239	2,504	2,035
87	95	3 219	13,437	31,977	2,380	1,911
88	96	2 096	8,215	18,540	2,257	1,788
89	97	1 305	4,803	10,325	2,149	1,681
90	98	790	2,731	5,521	2,022	1,553
91	99	451	1,463	2,790	1,908	1,439
92	100	241	0,733	1,328	1,810	1,342

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 593 446,440	15,996	15,528
1	10	99 253	93 195,267	1 493 833,773	16,029	15,560
2	11	99 220	87 478,272	1 400 638,506	16,011	15,543
3	12	99 197	82 120,294	1 313 160,235	15,991	15,522
4	13	99 177	77 092,230	1 231 039,941	15,968	15,500
5	14	99 157	72 372,471	1 153 947,711	15,945	15,476
6	15	99 137	67 941,837	1 081 575,240	15,919	15,450
7	16	99 114	63 780,557	1 013 633,403	15,893	15,424
8	17	99 092	59 874,355	949 852,846	15,864	15,395
9	18	99 069	56 207,240	889 978,492	15,834	15,365
10	19	99 041	52 761,761	833 771,251	15,803	15,334
11	20	99 014	49 528,187	781 009,490	15,769	15,300
12	21	98 987	46 492,577	731 481,303	15,733	15,265
13	22	98 963	43 644,354	684 988,726	15,695	15,226
14	23	98 936	40 969,604	641 344,372	15,654	15,185
15	24	98 903	38 456,119	600 374,768	15,612	15,143
16	25	98 871	36 097,483	561 918,649	15,567	15,098
17	26	98 827	33 879,302	525 821,166	15,520	15,052
18	27	98 779	31 796,036	491 941,864	15,472	15,003
19	28	98 720	29 837,469	460 145,828	15,422	14,953
20	29	98 654	27 997,720	430 308,359	15,369	14,901
21	30	98 584	26 270,290	402 310,639	15,314	14,846
22	31	98 511	24 648,586	376 040,349	15,256	14,787
23	32	98 435	23 126,390	351 391,763	15,194	14,726
24	33	98 355	21 697,416	328 265,373	15,129	14,660
25	34	98 273	20 356,062	306 567,958	15,060	14,592
26	35	98 187	19 097,004	286 211,896	14,987	14,519
27	36	98 101	17 915,750	267 114,892	14,910	14,441
28	37	98 003	16 805,540	249 199,142	14,828	14,360
29	38	97 908	15 764,463	232 393,602	14,742	14,273
30	39	97 795	14 785,173	216 629,139	14,652	14,183
31	40	97 680	13 866,528	201 843,966	14,556	14,087
32	41	97 546	13 002,421	187 977,438	14,457	13,988
33	42	97 404	12 190,986	174 975,017	14,353	13,884
34	43	97 254	11 429,315	162 784,030	14,243	13,774
35	44	97 088	10 713,460	151 354,715	14,128	13,659
36	45	96 903	10 040,404	140 641,255	14,008	13,539
37	46	96 709	9 408,771	130 600,851	13,881	13,412
38	47	96 496	8 815,042	121 192,080	13,748	13,280
39	48	96 257	8 256,495	112 377,039	13,611	13,142
40	49	95 998	7 731,729	104 120,544	13,467	12,998
41	50	95 703	7 237,582	96 388,815	13,318	12,849
42	51	95 388	6 773,475	89 151,233	13,162	12,693
43	52	95 036	6 336,567	82 377,758	13,000	12,532
44	53	94 647	5 925,500	76 041,191	12,833	12,364
45	54	94 219	5 538,680	70 115,691	12,659	12,191
46	55	93 743	5 174,387	64 577,011	12,480	12,011
47	56	93 229	4 831,901	59 402,625	12,294	11,825
48	57	92 660	4 509,340	54 570,724	12,102	11,633
49	58	92 033	4 205,475	50 061,383	11,904	11,435
50	59	91 339	3 919,014	45 855,909	11,701	11,232
51	60	90 578	3 649,170	41 936,894	11,492	11,023
52	61	89 742	3 394,820	38 287,724	11,278	10,810
53	62	88 845	3 155,762	34 892,904	11,057	10,588
54	63	87 865	2 930,466	31 737,141	10,830	10,361
55	64	86 800	2 718,256	28 806,676	10,597	10,129
56	65	85 637	2 518,175	26 088,419	10,360	9,891
57	66	84 371	2 329,518	23 570,244	10,118	9,649
58	67	83 003	2 151,884	21 240,726	9,871	9,402
59	68	81 505	1 984,072	19 088,842	9,621	9,152
60	69	79 926	1 826,891	17 104,770	9,363	8,894
61	70	78 240	1 679,194	15 277,879	9,098	8,630
62	71	76 437	1 540,384	13 598,685	8,828	8,359
63	72	74 499	1 409,698	12 058,302	8,554	8,085
64	73	72 466	1 287,538	10 648,604	8,271	7,802
65	74	70 326	1 173,245	9 361,066	7,979	7,510
66	75	68 060	1 066,152	8 187,820	7,680	7,211
67	76	65 671	965,942	7 121,668	7,373	6,904
68	77	63 085	871,264	6 155,726	7,065	6,597
69	78	60 391	783,157	5 284,462	6,748	6,279
70	79	57 483	699,948	4 501,305	6,431	5,962
71	80	54 345	621,350	3 801,357	6,118	5,649
72	81	50 983	547,335	3 180,007	5,810	5,341
73	82	47 462	478,438	2 632,672	5,503	5,034
74	83	43 797	414,550	2 154,234	5,197	4,728
75	84	39 978	355,305	1 739,684	4,896	4,428
76	85	36 022	300,603	1 384,379	4,605	4,137
77	86	31 989	250,655	1 083,777	4,324	3,855
78	87	27 942	205,586	833,121	4,052	3,584
79	88	23 953	165,481	627,535	3,792	3,323
80	89	20 095	130,350	462,054	3,545	3,076
81	90	16 441	100,139	331,704	3,312	2,844
82	91	13 076	74,786	231,566	3,096	2,628
83	92	10 074	54,099	156,779	2,898	2,429
84	93	7 491	37,770	102,680	2,719	2,250
85	94	5 359	25,372	64,909	2,558	2,090
86	95	3 658	16,262	39,537	2,431	1,962
87	96	2 417	10,091	23,275	2,307	1,838
88	97	1 531	6,001	13,184	2,197	1,728
89	98	944	3,473	7,183	2,069	1,600
90	99	549	1,899	3,711	1,954	1,485
91	100	302	0,979	1,812	1,850	1,381

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 592 229,236	15,985	15,516
1	11	99 247	93 189,744	1 492 623,015	16,017	15,548
2	12	99 213	87 471,756	1 399 433,270	15,999	15,530
3	13	99 189	82 113,797	1 311 961,515	15,977	15,509
4	14	99 168	77 085,622	1 229 847,718	15,954	15,486
5	15	99 146	72 364,876	1 152 762,096	15,930	15,461
6	16	99 124	67 933,338	1 080 397,219	15,904	15,435
7	17	99 100	63 771,557	1 012 463,882	15,876	15,408
8	18	99 077	59 865,588	948 692,325	15,847	15,378
9	19	99 049	56 195,794	888 826,737	15,817	15,348
10	20	99 022	52 751,577	832 630,943	15,784	15,315
11	21	98 996	49 519,016	779 879,366	15,749	15,280
12	22	98 971	46 484,879	730 360,350	15,712	15,243
13	23	98 946	43 636,801	683 875,470	15,672	15,203
14	24	98 915	40 960,714	640 238,669	15,631	15,162
15	25	98 886	38 449,598	599 277,955	15,586	15,117
16	26	98 853	36 090,752	560 828,356	15,539	15,071
17	27	98 808	33 872,710	524 737,604	15,491	15,023
18	28	98 758	31 789,091	490 864,894	15,441	14,973
19	29	98 695	29 830,028	459 075,803	15,390	14,921
20	30	98 628	27 990,475	429 245,775	15,335	14,867
21	31	98 555	26 262,489	401 255,301	15,279	14,810
22	32	98 479	24 640,719	374 992,812	15,218	14,750
23	33	98 401	23 118,364	350 352,093	15,155	14,686
24	34	98 320	21 689,690	327 233,729	15,087	14,618
25	35	98 235	20 348,100	305 544,039	15,016	14,547
26	36	98 148	19 089,318	285 195,939	14,940	14,471
27	37	98 055	17 907,350	266 106,621	14,860	14,391
28	38	97 958	16 797,806	248 199,271	14,776	14,307
29	39	97 851	15 755,231	231 401,465	14,687	14,219
30	40	97 736	14 776,365	215 646,235	14,594	14,125
31	41	97 614	13 857,117	200 869,869	14,496	14,027
32	42	97 472	12 992,502	187 012,752	14,394	13,925
33	43	97 323	12 180,870	174 020,250	14,286	13,818
34	44	97 166	11 419,030	161 839,380	14,173	13,704
35	45	96 989	10 702,531	150 420,350	14,055	13,586
36	46	96 795	10 029,240	139 717,819	13,931	13,462
37	47	96 587	9 396,824	129 688,579	13,801	13,333
38	48	96 358	8 802,405	120 291,755	13,666	13,197
39	49	96 103	8 243,288	111 489,350	13,525	13,056
40	50	95 824	7 717,723	103 246,062	13,378	12,909
41	51	95 515	7 223,319	95 528,339	13,225	12,756
42	52	95 178	6 758,514	88 305,020	13,066	12,597
43	53	94 802	6 321,009	81 546,506	12,901	12,432
44	54	94 389	5 909,305	75 225,497	12,730	12,261
45	55	93 935	5 522,010	69 316,192	12,553	12,084
46	56	93 433	5 157,242	63 794,182	12,370	11,901
47	57	92 891	4 814,415	58 636,940	12,179	11,711
48	58	92 290	4 491,338	53 822,525	11,984	11,515
49	59	91 628	4 186,926	49 331,187	11,782	11,313
50	60	90 898	3 900,086	45 144,261	11,575	11,106
51	61	90 090	3 629,497	41 244,176	11,364	10,895
52	62	89 240	3 375,826	37 614,678	11,142	10,674
53	63	88 305	3 136,586	34 238,852	10,916	10,447
54	64	87 286	2 911,170	31 102,266	10,684	10,215
55	65	86 167	2 698,447	28 191,096	10,447	9,978
56	66	84 951	2 497,999	25 492,649	10,205	9,736
57	67	83 634	2 309,169	22 994,649	9,958	9,489
58	68	82 199	2 131,023	20 685,481	9,707	9,238
59	69	80 672	1 963,805	18 554,457	9,448	8,979
60	70	79 033	1 806,480	16 590,653	9,184	8,715
61	71	77 286	1 658,735	14 784,172	8,913	8,444
62	72	75 414	1 519,758	13 125,437	8,637	8,168
63	73	73 426	1 389,385	11 605,679	8,353	7,884
64	74	71 344	1 267,604	10 216,295	8,060	7,591
65	75	69 122	1 153,173	8 948,691	7,760	7,291
66	76	66 762	1 045,823	7 795,518	7,454	6,985
67	77	64 238	944,860	6 749,695	7,144	6,675
68	78	61 542	849,960	5 804,835	6,830	6,361
69	79	58 694	761,151	4 954,875	6,510	6,041
70	80	55 590	676,903	4 193,725	6,195	5,727
71	81	52 258	597,485	3 516,822	5,886	5,417
72	82	48 737	523,218	2 919,337	5,580	5,111
73	83	45 073	454,353	2 396,119	5,274	4,805
74	84	41 254	390,472	1 941,766	4,973	4,504
75	85	37 291	331,421	1 551,294	4,681	4,212
76	86	33 240	277,390	1 219,873	4,398	3,929
77	87	29 145	228,370	942,483	4,127	3,658
78	88	25 115	184,783	714,113	3,865	3,396
79	89	21 203	146,480	529,330	3,614	3,145
80	90	17 464	113,285	382,850	3,380	2,911
81	91	14 009	85,325	269,566	3,159	2,691
82	92	10 888	62,272	184,241	2,959	2,490
83	93	8 185	43,953	121,969	2,775	2,306
84	94	5 924	29,869	78,017	2,612	2,143
85	95	4 099	19,406	48,148	2,481	2,012
86	96	2 747	12,212	28,742	2,354	1,885
87	97	1 766	7,371	16,530	2,242	1,774
88	98	1 107	4,338	9,159	2,111	1,642
89	99	656	2,414	4,820	1,996	1,528
90	100	368	1,271	2,406	1,893	1,424

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 590 920,352	15,973	15,504
1	12	99 240	93 182,803	1 491 320,033	16,004	15,535
2	13	99 205	87 464,836	1 398 137,229	15,985	15,516
3	14	99 181	82 106,758	1 310 672,394	15,963	15,494
4	15	99 158	77 077,533	1 228 565,635	15,939	15,471
5	16	99 134	72 355,823	1 151 488,103	15,914	15,446
6	17	99 110	67 923,752	1 079 132,279	15,887	15,419
7	18	99 086	63 762,220	1 011 208,527	15,859	15,390
8	19	99 057	59 853,397	947 446,308	15,829	15,361
9	20	99 030	56 184,947	887 592,911	15,798	15,329
10	21	99 004	52 741,809	831 407,964	15,764	15,295
11	22	98 980	49 510,818	778 666,155	15,727	15,258
12	23	98 954	46 476,835	729 155,337	15,689	15,220
13	24	98 924	43 627,333	682 678,502	15,648	15,179
14	25	98 898	40 953,769	639 051,169	15,604	15,135
15	26	98 868	38 442,429	598 097,400	15,558	15,090
16	27	98 834	36 083,730	559 654,971	15,510	15,041
17	28	98 787	33 865,311	523 571,241	15,460	14,992
18	29	98 733	31 781,163	489 705,930	15,409	14,940
19	30	98 670	29 822,308	457 924,767	15,355	14,886
20	31	98 599	27 982,163	428 102,459	15,299	14,830
21	32	98 523	26 254,106	400 120,295	15,240	14,772
22	33	98 445	24 632,167	373 866,189	15,178	14,709
23	34	98 366	23 110,133	349 234,022	15,112	14,643
24	35	98 282	21 681,207	326 123,890	15,042	14,573
25	36	98 195	20 339,910	304 442,682	14,968	14,499
26	37	98 102	19 080,368	284 102,772	14,890	14,421
27	38	98 010	17 899,108	265 022,404	14,806	14,338
28	39	97 901	16 787,968	247 123,296	14,720	14,252
29	40	97 792	15 745,845	230 335,328	14,628	14,160
30	41	97 670	14 766,337	214 589,483	14,532	14,064
31	42	97 539	13 846,546	199 823,146	14,431	13,963
32	43	97 391	12 981,721	185 976,600	14,326	13,857
33	44	97 235	12 169,908	172 994,879	14,215	13,746
34	45	97 067	11 407,382	160 824,971	14,098	13,630
35	46	96 881	10 690,631	149 417,589	13,976	13,508
36	47	96 672	10 016,505	138 726,958	13,850	13,381
37	48	96 448	9 383,353	128 710,453	13,717	13,248
38	49	96 204	8 788,325	119 327,100	13,578	13,109
39	50	95 929	8 228,356	110 538,775	13,434	12,965
40	51	95 635	7 702,514	102 310,419	13,283	12,814
41	52	95 304	7 207,364	94 607,905	13,127	12,658
42	53	94 944	6 741,920	87 400,541	12,964	12,495
43	54	94 543	6 303,733	80 658,621	12,795	12,327
44	55	94 104	5 891,520	74 354,888	12,621	12,152
45	56	93 624	5 503,714	68 463,368	12,439	11,971
46	57	93 095	5 138,579	62 959,655	12,252	11,784
47	58	92 520	4 795,194	57 821,076	12,058	11,589
48	59	91 883	4 471,529	53 025,882	11,859	11,390
49	60	91 185	4 166,703	48 554,353	11,653	11,184
50	61	90 408	3 879,060	44 387,650	11,443	10,974
51	62	89 586	3 609,190	40 508,590	11,224	10,755
52	63	88 698	3 355,312	36 899,400	10,997	10,529
53	64	87 724	3 115,933	33 544,088	10,765	10,297
54	65	86 650	2 889,956	30 428,154	10,529	10,060
55	66	85 477	2 676,827	27 538,199	10,288	9,819
56	67	84 209	2 476,178	24 861,372	10,040	9,571
57	68	82 823	2 286,783	22 385,193	9,789	9,320
58	69	81 359	2 109,255	20 098,411	9,529	9,060
59	70	79 771	1 941,865	17 989,155	9,264	8,795
60	71	78 070	1 784,471	16 047,291	8,993	8,524
61	72	76 252	1 636,524	14 262,820	8,715	8,247
62	73	74 327	1 497,859	12 626,295	8,430	7,961
63	74	72 289	1 367,873	11 128,436	8,136	7,667
64	75	70 124	1 245,917	9 760,563	7,834	7,365
65	76	67 804	1 131,185	8 514,646	7,527	7,058
66	77	65 305	1 022,997	7 383,461	7,217	6,749
67	78	62 667	921,756	6 360,464	6,900	6,432
68	79	59 813	826,076	5 438,708	6,584	6,115
69	80	56 762	736,091	4 612,633	6,266	5,798
70	81	53 455	650,905	3 876,542	5,956	5,487
71	82	49 955	571,158	3 225,637	5,648	5,179
72	83	46 283	496,878	2 654,479	5,342	4,874
73	84	42 455	427,963	2 157,600	5,042	4,573
74	85	38 480	364,225	1 729,637	4,749	4,280
75	86	34 411	305,828	1 365,413	4,465	3,996
76	87	30 285	252,728	1 059,585	4,193	3,724
77	88	26 196	205,261	806,857	3,931	3,462
78	89	22 231	163,565	601,596	3,678	3,209
79	90	18 427	127,303	438,031	3,441	2,972
80	91	14 880	96,526	310,728	3,219	2,750
81	92	11 664	71,047	214,202	3,015	2,546
82	93	8 846	50,592	143,156	2,830	2,361
83	94	6 472	34,758	92,563	2,663	2,194
84	95	4 531	22,844	57,805	2,530	2,062
85	96	3 078	14,573	34,961	2,399	1,930
86	97	2 007	8,921	20,388	2,285	1,817
87	98	1 277	5,329	11,467	2,152	1,683
88	99	770	3,016	6,138	2,035	1,566
89	100	439	1,616	3,121	1,931	1,462

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 589 513,111	15,960	15,491
1	13	99 232	93 175,431	1 489 920,210	15,990	15,522
2	14	99 196	87 457,338	1 396 744,779	15,971	15,502
3	15	99 170	82 098,142	1 309 287,441	15,948	15,479
4	16	99 145	77 067,890	1 227 189,298	15,923	15,455
5	17	99 120	72 345,614	1 150 121,408	15,898	15,429
6	18	99 096	67 913,807	1 077 775,795	15,870	15,401
7	19	99 065	63 749,235	1 009 861,988	15,841	15,372
8	20	99 038	59 841,844	946 112,753	15,810	15,341
9	21	99 012	56 174,543	886 270,909	15,777	15,308
10	22	98 987	52 733,077	830 096,366	15,741	15,273
11	23	98 962	49 502,250	777 363,289	15,704	15,235
12	24	98 932	46 466,751	727 861,039	15,664	15,195
13	25	98 908	43 619,935	681 394,288	15,621	15,152
14	26	98 880	40 946,132	637 774,353	15,576	15,107
15	27	98 849	38 434,949	596 828,220	15,528	15,060
16	28	98 812	36 075,848	558 393,271	15,478	15,010
17	29	98 762	33 856,865	522 317,423	15,427	14,958
18	30	98 708	31 772,938	488 460,557	15,373	14,905
19	31	98 640	29 813,453	456 687,619	15,318	14,849
20	32	98 568	27 973,232	426 874,166	15,260	14,791
21	33	98 489	26 244,995	398 900,934	15,199	14,730
22	34	98 410	24 623,397	372 655,940	15,134	14,665
23	35	98 327	23 101,094	348 032,543	15,066	14,597
24	36	98 242	21 672,481	324 931,449	14,993	14,524
25	37	98 149	20 330,374	303 258,968	14,917	14,448
26	38	98 057	19 071,587	282 928,594	14,835	14,366
27	39	97 953	17 888,626	263 857,007	14,750	14,281
28	40	97 843	16 777,967	245 968,382	14,660	14,191
29	41	97 726	15 735,159	229 190,414	14,565	14,097
30	42	97 595	14 755,072	213 455,256	14,467	13,998
31	43	97 458	13 835,056	198 700,184	14,362	13,893
32	44	97 304	12 970,038	184 865,128	14,253	13,785
33	45	97 136	12 157,494	171 895,090	14,139	13,670
34	46	96 959	11 394,698	159 737,595	14,019	13,550
35	47	96 758	10 677,056	148 342,898	13,894	13,425
36	48	96 534	10 002,146	137 665,841	13,764	13,295
37	49	96 294	9 368,344	127 663,695	13,627	13,158
38	50	96 029	8 772,405	118 295,351	13,485	13,016
39	51	95 739	8 212,140	109 522,946	13,337	12,868
40	52	95 424	7 685,501	101 310,806	13,182	12,713
41	53	95 070	7 189,668	93 625,305	13,022	12,553
42	54	94 684	6 723,493	86 435,637	12,856	12,387
43	55	94 259	6 284,761	79 712,143	12,683	12,215
44	56	93 793	5 871,999	73 427,383	12,505	12,036
45	57	93 285	5 483,797	67 555,384	12,319	11,850
46	58	92 723	5 118,064	62 071,587	12,128	11,659
47	59	92 112	4 774,045	56 953,523	11,930	11,461
48	60	91 440	4 449,931	52 179,479	11,726	11,257
49	61	90 693	4 144,240	47 729,547	11,517	11,048
50	62	89 902	3 857,356	43 585,307	11,299	10,831
51	63	89 042	3 587,258	39 727,951	11,075	10,606
52	64	88 114	3 333,220	36 140,693	10,843	10,374
53	65	87 085	3 093,226	32 807,473	10,606	10,137
54	66	85 956	2 866,801	29 714,247	10,365	9,896
55	67	84 730	2 653,444	26 847,446	10,118	9,649
56	68	83 393	2 452,173	24 194,002	9,866	9,398
57	69	81 977	2 263,424	21 741,829	9,606	9,137
58	70	80 450	2 085,690	19 478,405	9,339	8,870
59	71	78 799	1 918,206	17 392,715	9,067	8,598
60	72	77 025	1 760,576	15 474,509	8,789	8,321
61	73	75 153	1 612,943	13 713,933	8,502	8,034
62	74	73 176	1 474,668	12 100,989	8,206	7,737
63	75	71 052	1 344,471	10 626,322	7,904	7,435
64	76	68 786	1 222,160	9 281,850	7,595	7,126
65	77	66 325	1 106,495	8 059,690	7,284	6,815
66	78	63 708	997,983	6 953,195	6,967	6,499
67	79	60 906	895,855	5 955,212	6,648	6,179
68	80	57 843	798,878	5 059,357	6,333	5,864
69	81	54 581	707,819	4 260,479	6,019	5,550
70	82	51 100	622,224	3 552,659	5,710	5,241
71	83	47 440	542,405	2 930,435	5,403	4,934
72	84	43 595	468,019	2 388,030	5,102	4,634
73	85	39 601	399,195	1 920,011	4,810	4,341
74	86	35 509	336,099	1 520,816	4,525	4,056
75	87	31 352	278,637	1 184,718	4,252	3,783
76	88	27 220	227,154	906,080	3,989	3,520
77	89	23 188	181,692	678,926	3,737	3,268
78	90	19 321	142,151	497,234	3,498	3,029
79	91	15 701	108,470	355,083	3,274	2,805
80	92	12 390	80,373	246,612	3,068	2,600
81	93	9 477	57,721	166,239	2,880	2,411
82	94	6 996	40,009	108,518	2,712	2,244
83	95	4 950	26,584	68,509	2,577	2,108
84	96	3 402	17,155	41,925	2,444	1,975
85	97	2 248	10,646	24,770	2,327	1,858
86	98	1 451	6,450	14,124	2,190	1,721
87	99	888	3,705	7,674	2,071	1,603
88	100	515	2,019	3,969	1,966	1,497

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 588 002,647	15,946	15,477
1	14	99 223	93 167,444	1 488 417,625	15,976	15,507
2	15	99 186	87 448,161	1 395 250,181	15,955	15,486
3	16	99 158	82 087,872	1 307 802,021	15,932	15,463
4	17	99 131	77 057,016	1 225 714,149	15,907	15,438
5	18	99 105	72 335,021	1 148 657,133	15,880	15,411
6	19	99 076	67 899,977	1 076 322,112	15,852	15,383
7	20	99 046	63 736,930	1 008 422,135	15,822	15,353
8	21	99 020	59 830,763	944 685,206	15,789	15,321
9	22	98 995	56 165,243	884 854,443	15,754	15,286
10	23	98 970	52 723,951	828 689,200	15,718	15,249
11	24	98 941	49 491,509	775 965,248	15,679	15,210
12	25	98 915	46 458,871	726 473,739	15,637	15,168
13	26	98 889	43 611,802	680 014,868	15,592	15,124
14	27	98 861	40 938,165	636 403,066	15,545	15,077
15	28	98 827	38 426,554	595 464,901	15,496	15,027
16	29	98 787	36 066,851	557 038,347	15,445	14,976
17	30	98 736	33 848,104	520 971,495	15,391	14,923
18	31	98 678	31 763,504	487 123,391	15,336	14,867
19	32	98 609	29 803,937	455 359,888	15,279	14,810
20	33	98 534	27 963,524	425 555,951	15,218	14,750
21	34	98 454	26 235,650	397 592,427	15,155	14,686
22	35	98 372	24 613,766	371 356,777	15,087	14,619
23	36	98 288	23 091,796	346 743,011	15,016	14,547
24	37	98 196	21 662,320	323 651,215	14,941	14,472
25	38	98 104	20 321,017	301 988,895	14,861	14,392
26	39	97 999	19 060,417	281 667,877	14,778	14,309
27	40	97 894	17 877,969	262 607,460	14,689	14,220
28	41	97 776	16 766,580	244 729,491	14,596	14,128
29	42	97 651	15 723,155	227 962,911	14,499	14,030
30	43	97 514	14 742,828	212 239,756	14,396	13,927
31	44	97 371	13 822,605	197 496,928	14,288	13,819
32	45	97 204	12 956,808	183 674,322	14,176	13,707
33	46	97 028	12 143,976	170 717,514	14,058	13,589
34	47	96 836	11 380,229	158 573,538	13,934	13,465
35	48	96 619	10 661,750	147 193,309	13,806	13,337
36	49	96 379	9 986,147	136 531,558	13,672	13,203
37	50	96 119	9 351,374	126 545,412	13,532	13,064
38	51	95 840	8 755,118	117 194,038	13,386	12,917
39	52	95 528	8 194,001	108 438,920	13,234	12,765
40	53	95 189	7 666,631	100 244,919	13,075	12,607
41	54	94 810	7 170,017	92 578,288	12,912	12,443
42	55	94 399	6 703,258	85 408,270	12,741	12,273
43	56	93 946	6 263,937	78 705,012	12,565	12,096
44	57	93 453	5 850,749	72 441,075	12,382	11,913
45	58	92 913	5 461,904	66 590,327	12,192	11,723
46	59	92 314	5 095,490	61 128,423	11,997	11,528
47	60	91 667	4 750,986	56 032,933	11,794	11,325
48	61	90 947	4 425,941	51 281,946	11,587	11,118
49	62	90 186	4 121,053	46 856,005	11,370	10,901
50	63	89 356	3 833,917	42 734,952	11,147	10,678
51	64	88 455	3 563,638	38 901,035	10,916	10,447
52	65	87 472	3 308,929	35 337,397	10,679	10,211
53	66	86 387	3 068,443	32 028,468	10,438	9,969
54	67	85 205	2 841,758	28 960,025	10,191	9,722
55	68	83 909	2 627,720	26 118,267	9,940	9,471
56	69	82 541	2 427,125	23 490,547	9,678	9,210
57	70	81 061	2 238,136	21 063,422	9,411	8,942
58	71	79 470	2 060,279	18 825,286	9,137	8,669
59	72	77 744	1 892,520	16 765,007	8,859	8,390
60	73	75 915	1 735,208	14 872,486	8,571	8,102
61	74	73 989	1 587,970	13 137,278	8,273	7,804
62	75	71 924	1 449,439	11 549,308	7,968	7,499
63	76	69 697	1 318,835	10 099,869	7,658	7,189
64	77	67 285	1 195,485	8 781,034	7,345	6,876
65	78	64 703	1 079,440	7 585,549	7,027	6,559
66	79	61 918	969,939	6 506,109	6,708	6,239
67	80	58 901	866,360	5 536,170	6,390	5,921
68	81	55 622	768,195	4 669,810	6,079	5,610
69	82	52 176	676,631	3 901,614	5,766	5,297
70	83	48 527	590,900	3 224,984	5,458	4,989
71	84	44 685	510,901	2 634,083	5,156	4,687
72	85	40 664	436,558	2 123,182	4,863	4,395
73	86	36 543	368,369	1 686,624	4,579	4,110
74	87	32 352	306,217	1 318,255	4,305	3,836
75	88	28 179	250,442	1 012,038	4,041	3,572
76	89	24 095	201,071	761,596	3,788	3,319
77	90	20 152	157,905	560,525	3,550	3,081
78	91	16 462	121,122	402,620	3,324	2,855
79	92	13 074	90,319	281,498	3,117	2,648
80	93	10 066	65,299	191,178	2,928	2,459
81	94	7 494	45,646	125,880	2,758	2,289
82	95	5 350	30,600	80,233	2,622	2,153
83	96	3 718	19,963	49,634	2,486	2,017
84	97	2 485	12,532	29,670	2,368	1,899
85	98	1 626	7,696	17,138	2,227	1,758
86	99	1 009	4,484	9,442	2,106	1,637
87	100	594	2,481	4,958	1,999	1,530

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 586 382,693	15,931	15,463
1	15	99 213	93 157,668	1 486 806,207	15,960	15,491
2	16	99 173	87 437,221	1 393 648,540	15,939	15,470
3	17	99 144	82 076,289	1 306 211,319	15,915	15,446
4	18	99 117	77 045,733	1 224 135,030	15,888	15,420
5	19	99 085	72 320,291	1 147 089,297	15,861	15,392
6	20	99 057	67 886,871	1 074 769,007	15,832	15,363
7	21	99 028	63 725,128	1 006 882,136	15,800	15,332
8	22	99 003	59 820,857	943 157,008	15,766	15,298
9	23	98 978	56 155,524	883 336,151	15,730	15,261
10	24	98 949	52 712,511	827 180,627	15,692	15,224
11	25	98 924	49 483,117	774 468,116	15,651	15,182
12	26	98 897	46 450,209	724 984,999	15,608	15,139
13	27	98 870	43 603,316	678 534,790	15,562	15,093
14	28	98 839	40 929,223	634 931,474	15,513	15,044
15	29	98 802	38 416,971	594 002,251	15,462	14,993
16	30	98 762	36 057,518	555 585,280	15,408	14,940
17	31	98 707	33 838,053	519 527,762	15,353	14,885
18	32	98 647	31 753,365	485 689,709	15,296	14,827
19	33	98 575	29 793,593	453 936,344	15,236	14,767
20	34	98 498	27 953,567	424 142,751	15,173	14,704
21	35	98 416	26 225,389	396 189,183	15,107	14,638
22	36	98 332	24 603,860	369 963,794	15,037	14,568
23	37	98 242	23 080,970	345 359,935	14,963	14,494
24	38	98 151	21 652,350	322 278,965	14,884	14,416
25	39	98 046	20 309,116	300 626,615	14,803	14,334
26	40	97 941	19 049,063	280 317,499	14,716	14,247
27	41	97 828	17 865,836	261 268,436	14,624	14,155
28	42	97 702	16 753,790	243 402,600	14,528	14,059
29	43	97 570	15 710,108	226 648,811	14,427	13,958
30	44	97 427	14 729,561	210 938,703	14,321	13,852
31	45	97 271	13 808,506	196 209,142	14,209	13,741
32	46	97 096	12 942,401	182 400,637	14,093	13,625
33	47	96 905	12 128,556	169 458,236	13,972	13,503
34	48	96 697	11 363,915	157 329,680	13,845	13,376
35	49	96 465	10 644,696	145 965,764	13,713	13,244
36	50	96 205	9 968,057	135 321,068	13,575	13,107
37	51	95 930	9 332,945	125 353,011	13,431	12,962
38	52	95 628	8 735,780	116 020,065	13,281	12,812
39	53	95 293	8 173,883	107 284,286	13,125	12,657
40	54	94 929	7 645,677	99 110,403	12,963	12,494
41	55	94 525	7 148,438	91 464,726	12,795	12,326
42	56	94 087	6 681,048	84 316,288	12,620	12,151
43	57	93 606	6 241,268	77 635,240	12,439	11,970
44	58	93 080	5 827,391	71 393,972	12,251	11,783
45	59	92 503	5 437,814	65 566,581	12,058	11,589
46	60	91 868	5 070,879	60 128,767	11,858	11,389
47	61	91 173	4 725,374	55 057,888	11,652	11,183
48	62	90 438	4 401,178	50 332,515	11,436	10,967
49	63	89 638	4 096,011	45 931,337	11,214	10,745
50	64	88 768	3 808,672	41 835,326	10,984	10,515
51	65	87 811	3 537,669	38 026,654	10,749	10,280
52	66	86 771	3 282,418	34 488,985	10,507	10,038
53	67	85 632	3 041,639	31 206,567	10,260	9,791
54	68	84 379	2 814,209	28 164,928	10,008	9,539
55	69	83 052	2 600,879	25 350,719	9,747	9,278
56	70	81 619	2 400,008	22 749,841	9,479	9,010
57	71	80 074	2 210,868	20 349,832	9,204	8,736
58	72	78 406	2 032,691	18 138,964	8,924	8,455
59	73	76 624	1 865,251	16 106,273	8,635	8,166
60	74	74 740	1 708,342	14 241,023	8,336	7,867
61	75	72 723	1 560,803	12 532,681	8,030	7,561
62	76	70 553	1 421,801	10 971,878	7,717	7,248
63	77	68 176	1 290,050	9 550,077	7,403	6,934
64	78	65 640	1 166,254	8 260,026	7,083	6,614
65	79	62 885	1 049,107	7 093,773	6,762	6,293
66	80	59 880	938,006	6 044,666	6,444	5,975
67	81	56 639	833,085	5 106,660	6,130	5,661
68	82	53 171	734,346	4 273,575	5,820	5,351
69	83	49 550	642,568	3 539,228	5,508	5,039
70	84	45 709	556,580	2 896,660	5,204	4,736
71	85	41 681	476,558	2 340,081	4,910	4,442
72	86	37 524	402,846	1 863,522	4,626	4,157
73	87	33 294	335,618	1 460,676	4,352	3,883
74	88	29 078	275,231	1 125,058	4,088	3,619
75	89	24 943	221,685	849,827	3,833	3,365
76	90	20 940	174,747	628,142	3,595	3,126
77	91	17 171	134,545	453,395	3,370	2,901
78	92	13 708	100,854	318,850	3,161	2,693
79	93	10 622	73,379	217,996	2,971	2,502
80	94	7 961	51,638	144,616	2,801	2,332
81	95	5 732	34,911	92,978	2,663	2,195
82	96	4 018	22,979	58,067	2,527	2,058
83	97	2 716	14,584	35,087	2,406	1,937
84	98	1 797	9,060	20,504	2,263	1,794
85	99	1 130	5,351	11,444	2,139	1,670
86	100	675	3,002	6,093	2,029	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 584 646,810	15,916	15,447
1	16	99 201	93 146,013	1 485 080,774	15,944	15,475
2	17	99 159	87 424,883	1 391 934,761	15,921	15,453
3	18	99 130	82 064,271	1 304 509,878	15,896	15,427
4	19	99 097	77 030,043	1 222 445,606	15,870	15,401
5	20	99 066	72 306,331	1 145 415,563	15,841	15,372
6	21	99 038	67 874,300	1 073 109,232	15,810	15,342
7	22	99 012	63 714,578	1 005 234,932	15,777	15,308
8	23	98 986	59 810,505	941 520,354	15,742	15,273
9	24	98 957	56 143,339	881 709,849	15,705	15,236
10	25	98 932	52 703,573	825 566,510	15,664	15,196
11	26	98 906	49 473,890	772 862,937	15,622	15,153
12	27	98 878	46 441,171	723 389,047	15,576	15,108
13	28	98 848	43 593,792	676 947,876	15,529	15,060
14	29	98 814	40 919,016	633 354,084	15,478	15,009
15	30	98 777	38 407,029	592 435,068	15,425	14,956
16	31	98 733	36 046,811	554 028,039	15,370	14,901
17	32	98 676	33 827,252	517 981,228	15,313	14,844
18	33	98 612	31 742,345	484 153,976	15,253	14,784
19	34	98 540	29 782,985	452 411,631	15,190	14,722
20	35	98 460	27 942,634	422 628,645	15,125	14,656
21	36	98 376	26 214,834	394 686,011	15,056	14,587
22	37	98 286	24 592,324	368 471,177	14,983	14,514
23	38	98 196	23 070,347	343 878,853	14,906	14,437
24	39	98 094	21 639,669	320 808,506	14,825	14,356
25	40	97 988	20 297,018	299 168,837	14,740	14,271
26	41	97 874	19 036,135	278 871,819	14,650	14,181
27	42	97 753	17 852,206	259 835,684	14,555	14,086
28	43	97 621	16 739,887	241 983,478	14,456	13,987
29	44	97 483	15 695,970	225 243,591	14,350	13,882
30	45	97 327	14 714,536	209 547,621	14,241	13,772
31	46	97 163	13 793,151	194 833,085	14,125	13,657
32	47	96 973	12 925,967	181 039,934	14,006	13,537
33	48	96 766	12 111,169	168 113,966	13,881	13,412
34	49	96 543	11 345,738	156 002,797	13,750	13,281
35	50	96 290	10 625,414	144 657,059	13,614	13,146
36	51	96 015	9 948,414	134 031,645	13,473	13,004
37	52	95 718	9 312,331	124 083,232	13,325	12,856
38	53	95 394	8 714,331	114 770,901	13,170	12,702
39	54	95 033	8 151,542	106 056,570	13,011	12,542
40	55	94 644	7 622,666	97 905,028	12,844	12,375
41	56	94 211	7 124,753	90 282,362	12,672	12,203
42	57	93 746	6 656,870	83 157,609	12,492	12,023
43	58	93 233	6 216,352	76 500,739	12,306	11,838
44	59	92 670	5 801,689	70 284,388	12,114	11,646
45	60	92 056	5 411,549	64 482,699	11,916	11,447
46	61	91 373	5 043,542	59 071,150	11,712	11,243
47	62	90 663	4 698,935	54 027,608	11,498	11,029
48	63	89 888	4 374,433	49 328,673	11,277	10,808
49	64	89 048	4 069,041	44 954,240	11,048	10,579
50	65	88 121	3 780,917	40 885,199	10,814	10,345
51	66	87 107	3 509,324	37 104,281	10,573	10,104
52	67	86 013	3 253,744	33 594,957	10,325	9,856
53	68	84 802	3 012,152	30 341,213	10,073	9,604
54	69	83 517	2 785,462	27 329,061	9,811	9,343
55	70	82 124	2 571,821	24 543,598	9,543	9,075
56	71	80 625	2 370,768	21 971,777	9,268	8,799
57	72	79 002	2 181,264	19 601,010	8,986	8,517
58	73	77 276	2 003,401	17 419,746	8,695	8,226
59	74	75 438	1 836,371	15 416,344	8,395	7,926
60	75	73 461	1 679,115	13 579,973	8,088	7,619
61	76	71 337	1 531,042	11 900,858	7,773	7,304
62	77	69 013	1 390,769	10 369,816	7,456	6,987
63	78	66 509	1 258,506	8 979,047	7,135	6,666
64	79	63 795	1 133,482	7 720,541	6,811	6,343
65	80	60 814	1 014,567	6 587,059	6,492	6,024
66	81	57 580	901,979	5 572,492	6,178	5,709
67	82	54 143	796,377	4 670,513	5,865	5,396
68	83	50 494	697,378	3 874,136	5,555	5,087
69	84	46 672	605,247	3 176,758	5,249	4,780
70	85	42 636	519,166	2 571,511	4,953	4,484
71	86	38 462	439,758	2 052,345	4,667	4,198
72	87	34 188	367,030	1 612,588	4,394	3,925
73	88	29 925	301,657	1 245,558	4,129	3,660
74	89	25 739	243,627	943,901	3,874	3,406
75	90	21 678	192,663	700,274	3,635	3,166
76	91	17 842	148,896	507,611	3,409	2,940
77	92	14 297	112,031	358,715	3,202	2,733
78	93	11 137	81,938	246,684	3,011	2,542
79	94	8 400	58,028	164,746	2,839	2,370
80	95	6 088	39,494	106,718	2,702	2,233
81	96	4 304	26,217	67,223	2,564	2,095
82	97	2 935	16,787	41,006	2,443	1,974
83	98	1 963	10,543	24,219	2,297	1,828
84	99	1 249	6,299	13,676	2,171	1,702
85	100	757	3,582	7,377	2,059	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 582 789,508	15,899	15,430
1	17	99 187	93 132,870	1 483 235,928	15,926	15,457
2	18	99 145	87 412,083	1 390 103,058	15,903	15,434
3	19	99 109	82 047,560	1 302 690,975	15,877	15,409
4	20	99 077	77 015,175	1 220 643,416	15,849	15,381
5	21	99 048	72 292,942	1 143 628,241	15,819	15,351
6	22	99 022	67 863,063	1 071 335,299	15,787	15,318
7	23	98 994	63 703,552	1 003 472,236	15,752	15,283
8	24	98 965	59 797,528	939 768,684	15,716	15,247
9	25	98 940	56 133,819	879 971,156	15,676	15,208
10	26	98 913	52 693,746	823 837,337	15,634	15,166
11	27	98 887	49 464,264	771 143,592	15,590	15,121
12	28	98 856	46 431,027	721 679,328	15,543	15,074
13	29	98 824	43 582,920	675 248,301	15,493	15,025
14	30	98 789	40 908,427	631 665,382	15,441	14,972
15	31	98 747	38 395,625	590 756,955	15,386	14,917
16	32	98 701	36 035,305	552 361,330	15,328	14,860
17	33	98 641	33 815,513	516 326,025	15,269	14,800
18	34	98 577	31 731,043	482 510,512	15,206	14,738
19	35	98 501	29 771,337	450 779,469	15,141	14,673
20	36	98 420	27 931,388	421 008,132	15,073	14,604
21	37	98 330	26 202,543	393 076,744	15,001	14,533
22	38	98 241	24 581,006	366 874,201	14,925	14,456
23	39	98 139	23 056,836	342 293,195	14,846	14,377
24	40	98 035	21 626,779	319 236,359	14,761	14,292
25	41	97 921	20 283,242	297 609,580	14,673	14,204
26	42	97 800	19 021,613	277 326,338	14,580	14,111
27	43	97 672	17 837,392	258 304,725	14,481	14,012
28	44	97 533	16 724,822	240 467,333	14,378	13,909
29	45	97 383	15 679,959	223 742,511	14,269	13,801
30	46	97 219	14 698,174	208 062,552	14,156	13,687
31	47	97 040	13 775,638	193 364,378	14,037	13,568
32	48	96 834	12 907,438	179 588,740	13,914	13,445
33	49	96 611	12 091,797	166 681,302	13,785	13,316
34	50	96 368	11 325,186	154 589,506	13,650	13,181
35	51	96 100	10 604,475	143 264,320	13,510	13,041
36	52	95 803	9 926,440	132 659,845	13,364	12,896
37	53	95 483	9 289,466	122 733,406	13,212	12,743
38	54	95 133	8 690,513	113 443,939	13,054	12,585
39	55	94 747	8 127,009	104 753,426	12,890	12,421
40	56	94 330	7 597,409	96 626,417	12,718	12,250
41	57	93 871	7 098,969	89 029,008	12,541	12,072
42	58	93 372	6 630,294	81 930,039	12,357	11,888
43	59	92 822	6 188,934	75 299,745	12,167	11,698
44	60	92 222	5 773,667	69 110,811	11,970	11,501
45	61	91 560	5 382,375	63 337,144	11,768	11,299
46	62	90 862	5 015,323	57 954,769	11,556	11,087
47	63	90 112	4 670,381	52 939,446	11,335	10,866
48	64	89 296	4 345,630	48 269,065	11,107	10,639
49	65	88 399	4 039,388	43 923,435	10,874	10,405
50	66	87 415	3 750,624	39 884,047	10,634	10,165
51	67	86 346	3 478,669	36 133,423	10,387	9,918
52	68	85 179	3 222,201	32 654,754	10,134	9,666
53	69	83 936	2 981,384	29 432,553	9,872	9,403
54	70	82 584	2 754,343	26 451,169	9,603	9,135
55	71	81 123	2 540,487	23 696,826	9,328	8,859
56	72	79 545	2 339,022	21 156,339	9,045	8,576
57	73	77 863	2 149,833	18 817,317	8,753	8,284
58	74	76 080	1 972,383	16 667,484	8,450	7,982
59	75	74 147	1 804,954	14 695,100	8,142	7,673
60	76	72 060	1 647,098	12 890,146	7,826	7,357
61	77	69 780	1 497,625	11 243,048	7,507	7,039
62	78	67 325	1 356,762	9 745,423	7,183	6,714
63	79	64 640	1 223,142	8 388,661	6,858	6,390
64	80	61 695	1 096,164	7 165,519	6,537	6,068
65	81	58 478	975,600	6 069,355	6,221	5,752
66	82	55 043	862,235	5 093,756	5,908	5,439
67	83	51 417	756,286	4 231,520	5,595	5,126
68	84	47 561	656,873	3 475,234	5,291	4,822
69	85	43 535	564,561	2 818,361	4,992	4,523
70	86	39 344	479,075	2 253,799	4,704	4,236
71	87	35 043	400,660	1 774,724	4,430	3,961
72	88	30 729	329,890	1 374,064	4,165	3,696
73	89	26 489	267,019	1 044,174	3,910	3,442
74	90	22 370	211,732	777,155	3,670	3,202
75	91	18 471	164,161	565,423	3,444	2,976
76	92	14 857	123,980	401,262	3,237	2,768
77	93	11 616	91,019	277,282	3,046	2,578
78	94	8 807	64,797	186,263	2,875	2,406
79	95	6 424	44,382	121,466	2,737	2,268
80	96	4 572	29,659	77,085	2,599	2,130
81	97	3 144	19,152	47,426	2,476	2,008
82	98	2 122	12,136	28,273	2,330	1,861
83	99	1 365	7,330	16,138	2,201	1,733
84	100	836	4,217	8,807	2,088	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 580 805,063	15,881	15,412
1	18	99 172	93 119,234	1 481 265,530	15,907	15,438
2	19	99 125	87 394,282	1 388 146,296	15,884	15,415
3	20	99 090	82 031,723	1 300 752,014	15,857	15,388
4	21	99 059	77 000,914	1 218 720,292	15,827	15,359
5	22	99 031	72 280,974	1 141 719,378	15,796	15,327
6	23	99 005	67 851,319	1 069 438,404	15,761	15,293
7	24	98 973	63 689,729	1 001 587,085	15,726	15,257
8	25	98 948	59 787,388	937 897,355	15,687	15,218
9	26	98 921	56 123,352	878 109,968	15,646	15,177
10	27	98 894	52 683,493	821 986,615	15,602	15,134
11	28	98 865	49 453,460	769 303,123	15,556	15,087
12	29	98 831	46 419,447	719 849,663	15,508	15,039
13	30	98 798	43 571,641	673 430,216	15,456	14,987
14	31	98 759	40 896,280	629 858,575	15,401	14,933
15	32	98 716	38 383,369	588 962,295	15,344	14,875
16	33	98 667	36 022,799	550 578,926	15,284	14,815
17	34	98 606	33 803,473	514 556,127	15,222	14,753
18	35	98 539	31 718,633	480 752,654	15,157	14,688
19	36	98 461	29 759,354	449 034,021	15,089	14,620
20	37	98 374	27 918,292	419 274,667	15,018	14,549
21	38	98 285	26 190,484	391 356,375	14,943	14,474
22	39	98 183	24 566,610	365 165,890	14,864	14,396
23	40	98 080	23 043,101	340 599,280	14,781	14,312
24	41	97 969	21 612,100	317 556,180	14,693	14,225
25	42	97 847	20 267,769	295 944,079	14,602	14,133
26	43	97 718	19 005,828	275 676,310	14,505	14,036
27	44	97 584	17 821,340	256 670,482	14,402	13,934
28	45	97 433	16 707,762	238 849,142	14,296	13,827
29	46	97 275	15 662,524	222 141,379	14,183	13,714
30	47	97 096	14 679,511	206 478,856	14,066	13,597
31	48	96 901	13 755,890	191 799,345	13,943	13,474
32	49	96 679	12 886,791	178 043,455	13,816	13,347
33	50	96 436	12 069,893	165 156,664	13,683	13,215
34	51	96 178	11 302,867	153 086,771	13,544	13,075
35	52	95 888	10 581,052	141 783,903	13,400	12,931
36	53	95 568	9 902,067	131 202,852	13,250	12,781
37	54	95 222	9 264,077	121 300,784	13,094	12,625
38	55	94 847	8 664,358	112 036,707	12,931	12,462
39	56	94 433	8 100,081	103 372,349	12,762	12,293
40	57	93 989	7 569,915	95 272,268	12,586	12,117
41	58	93 496	7 070,628	87 702,353	12,404	11,935
42	59	92 960	6 601,050	80 631,725	12,215	11,746
43	60	92 373	6 159,041	74 030,675	12,020	11,551
44	61	91 725	5 742,541	67 871,633	11,819	11,350
45	62	91 048	5 352,260	62 129,092	11,608	11,139
46	63	90 310	4 984,846	56 776,832	11,390	10,921
47	64	89 519	4 639,629	51 791,986	11,163	10,694
48	65	88 646	4 313,962	47 152,357	10,930	10,461
49	66	87 691	4 007,024	42 838,394	10,691	10,222
50	67	86 651	3 717,861	38 831,370	10,445	9,976
51	68	85 509	3 444,945	35 113,509	10,193	9,724
52	69	84 309	3 189,287	31 668,564	9,930	9,461
53	70	82 998	2 948,075	28 479,277	9,660	9,192
54	71	81 578	2 720,785	25 531,202	9,384	8,915
55	72	80 037	2 506,469	22 810,417	9,101	8,632
56	73	78 399	2 305,319	20 303,948	8,807	8,339
57	74	76 658	2 116,548	17 998,629	8,504	8,035
58	75	74 778	1 938,639	15 882,081	8,192	7,724
59	76	72 733	1 770,538	13 943,442	7,875	7,407
60	77	70 487	1 611,149	12 172,905	7,555	7,087
61	78	68 073	1 461,006	10 561,756	7,229	6,760
62	79	65 434	1 318,637	9 100,750	6,902	6,433
63	80	62 512	1 182,872	7 782,114	6,579	6,110
64	81	59 325	1 054,062	6 599,241	6,261	5,792
65	82	55 902	932,612	5 545,179	5,946	5,477
66	83	52 272	818,829	4 612,567	5,633	5,164
67	84	48 431	712,360	3 793,738	5,326	4,857
68	85	44 364	612,718	3 081,378	5,029	4,560
69	86	40 173	520,965	2 468,661	4,739	4,270
70	87	35 846	436,482	1 947,696	4,462	3,994
71	88	31 497	360,117	1 511,214	4,196	3,728
72	89	27 200	292,011	1 151,097	3,942	3,473
73	90	23 021	232,061	859,086	3,702	3,233
74	91	19 060	180,409	627,025	3,476	3,007
75	92	15 380	136,691	446,616	3,267	2,799
76	93	12 070	100,727	309,925	3,077	2,608
77	94	9 186	71,978	209,198	2,906	2,438
78	95	6 736	49,558	137,220	2,769	2,300
79	96	4 824	33,329	87,662	2,630	2,161
80	97	3 340	21,666	54,333	2,508	2,039
81	98	2 273	13,846	32,666	2,359	1,891
82	99	1 475	8,438	18,821	2,231	1,762
83	100	914	4,907	10,383	2,116	1,647

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 578 686,957	15,862	15,393
1	19	99 152	93 100,271	1 479 161,999	15,888	15,419
2	20	99 106	87 377,413	1 386 061,728	15,863	15,394
3	21	99 072	82 016,533	1 298 684,315	15,834	15,366
4	22	99 043	76 988,166	1 216 667,782	15,803	15,335
5	23	99 014	72 268,465	1 139 679,616	15,770	15,301
6	24	98 983	67 836,597	1 067 411,151	15,735	15,266
7	25	98 956	63 678,929	999 574,554	15,697	15,228
8	26	98 929	59 776,240	935 895,625	15,657	15,188
9	27	98 902	56 112,432	876 119,385	15,614	15,145
10	28	98 873	52 671,985	820 006,953	15,568	15,099
11	29	98 840	49 441,126	767 334,968	15,520	15,051
12	30	98 806	46 407,434	717 893,841	15,469	15,001
13	31	98 769	43 558,703	671 486,407	15,416	14,947
14	32	98 728	40 883,226	627 927,704	15,359	14,890
15	33	98 682	38 370,048	587 044,478	15,300	14,831
16	34	98 632	36 009,973	548 674,429	15,237	14,768
17	35	98 568	33 790,252	512 664,456	15,172	14,703
18	36	98 499	31 705,867	478 874,204	15,104	14,635
19	37	98 415	29 745,402	447 168,338	15,033	14,564
20	38	98 329	27 905,444	417 422,936	14,958	14,490
21	39	98 227	26 175,145	389 517,492	14,881	14,412
22	40	98 125	24 551,976	363 342,347	14,799	14,330
23	41	98 014	23 027,461	338 790,371	14,712	14,244
24	42	97 894	21 595,613	315 762,910	14,622	14,153
25	43	97 765	20 250,951	294 167,296	14,526	14,057
26	44	97 631	18 988,724	273 916,346	14,425	13,956
27	45	97 485	17 803,162	254 927,621	14,319	13,850
28	46	97 325	16 689,184	237 124,460	14,208	13,740
29	47	97 151	15 642,636	220 435,276	14,092	13,623
30	48	96 956	14 658,468	204 792,639	13,971	13,502
31	49	96 746	13 733,886	190 134,172	13,844	13,375
32	50	96 504	12 863,447	176 400,286	13,713	13,245
33	51	96 246	12 046,107	163 536,838	13,576	13,107
34	52	95 965	11 277,902	151 490,731	13,433	12,964
35	53	95 653	10 555,072	140 212,829	13,284	12,815
36	54	95 307	9 875,004	129 657,757	13,130	12,661
37	55	94 935	9 236,195	119 782,753	12,969	12,500
38	56	94 532	8 635,650	110 546,558	12,801	12,332
39	57	94 091	8 070,768	101 910,908	12,627	12,158
40	58	93 613	7 539,694	93 840,140	12,446	11,977
41	59	93 083	7 039,443	86 300,447	12,260	11,791
42	60	92 511	6 569,167	79 261,004	12,066	11,597
43	61	91 875	6 125,838	72 691,837	11,866	11,398
44	62	91 212	5 710,411	66 565,999	11,657	11,188
45	63	90 495	5 319,737	60 855,588	11,440	10,971
46	64	89 715	4 952,024	55 535,852	11,215	10,746
47	65	88 867	4 605,819	50 583,828	10,983	10,514
48	66	87 935	4 279,398	45 978,009	10,744	10,275
49	67	86 925	3 972,021	41 698,611	10,498	10,029
50	68	85 811	3 681,818	37 726,590	10,247	9,778
51	69	84 636	3 409,756	34 044,771	9,985	9,516
52	70	83 367	3 153,656	30 635,016	9,714	9,245
53	71	81 987	2 912,157	27 481,360	9,437	8,968
54	72	80 486	2 684,353	24 569,203	9,153	8,684
55	73	78 884	2 470,353	21 884,850	8,859	8,390
56	74	77 185	2 269,626	19 414,497	8,554	8,085
57	75	75 346	2 080,337	17 144,871	8,241	7,773
58	76	73 352	1 901,674	15 064,534	7,922	7,453
59	77	71 146	1 731,894	13 162,860	7,600	7,132
60	78	68 764	1 571,753	11 430,966	7,273	6,804
61	79	66 161	1 419,951	9 859,214	6,943	6,475
62	80	63 279	1 275,223	8 439,263	6,618	6,149
63	81	60 111	1 137,440	7 164,040	6,298	5,830
64	82	56 711	1 007,618	6 026,599	5,981	5,512
65	83	53 088	885,663	5 018,982	5,667	5,198
66	84	49 236	771,270	4 133,319	5,359	4,890
67	85	45 175	664,474	3 362,049	5,060	4,591
68	86	40 938	565,403	2 697,575	4,771	4,302
69	87	36 601	474,647	2 132,172	4,492	4,023
70	88	32 219	392,314	1 657,524	4,225	3,756
71	89	27 880	318,767	1 265,210	3,969	3,500
72	90	23 639	253,781	946,444	3,729	3,261
73	91	19 615	197,731	692,662	3,503	3,034
74	92	15 871	150,220	494,932	3,295	2,826
75	93	12 495	111,053	344,711	3,104	2,635
76	94	9 545	79,655	233,658	2,933	2,465
77	95	7 026	55,051	154,003	2,797	2,329
78	96	5 058	37,217	98,952	2,659	2,190
79	97	3 524	24,347	61,736	2,536	2,067
80	98	2 415	15,664	37,388	2,387	1,918
81	99	1 580	9,627	21,725	2,257	1,788
82	100	988	5,649	12,098	2,142	1,673

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 576 427,119	15,843	15,374
1	20	99 133	93 082,300	1 476 922,428	15,867	15,398
2	21	99 087	87 361,233	1 383 840,128	15,840	15,372
3	22	99 055	82 002,954	1 296 478,895	15,810	15,341
4	23	99 026	76 974,843	1 214 475,940	15,778	15,309
5	24	98 993	72 252,784	1 137 501,097	15,743	15,275
6	25	98 966	67 825,094	1 065 248,313	15,706	15,237
7	26	98 938	63 667,056	997 423,219	15,666	15,197
8	27	98 910	59 764,609	933 756,163	15,624	15,155
9	28	98 881	56 100,176	873 991,554	15,579	15,110
10	29	98 848	52 658,849	817 891,379	15,532	15,063
11	30	98 815	49 428,332	765 232,529	15,482	15,013
12	31	98 777	46 393,654	715 804,198	15,429	14,960
13	32	98 737	43 544,800	669 410,543	15,373	14,904
14	33	98 694	40 869,037	625 865,743	15,314	14,845
15	34	98 647	38 356,387	584 996,706	15,252	14,783
16	35	98 593	35 995,889	546 640,319	15,186	14,717
17	36	98 528	33 776,652	510 644,430	15,118	14,650
18	37	98 453	31 691,002	476 867,778	15,047	14,579
19	38	98 370	29 731,712	445 176,777	14,973	14,504
20	39	98 271	27 889,100	415 445,064	14,896	14,428
21	40	98 168	26 159,553	387 555,964	14,815	14,346
22	41	98 058	24 535,312	361 396,411	14,730	14,261
23	42	97 939	23 009,895	336 861,099	14,640	14,171
24	43	97 813	21 577,693	313 851,204	14,545	14,076
25	44	97 678	20 232,726	292 273,511	14,446	13,977
26	45	97 531	18 969,355	272 040,785	14,341	13,872
27	46	97 376	17 783,365	253 071,430	14,231	13,762
28	47	97 201	16 667,993	235 288,065	14,116	13,647
29	48	97 012	15 620,212	218 620,071	13,996	13,527
30	49	96 801	14 635,020	202 999,859	13,871	13,402
31	50	96 570	13 709,008	188 364,839	13,740	13,271
32	51	96 314	12 838,098	174 655,831	13,604	13,136
33	52	96 034	12 019,500	161 817,733	13,463	12,994
34	53	95 730	11 250,211	149 798,233	13,315	12,846
35	54	95 391	10 526,224	138 548,022	13,162	12,693
36	55	95 020	9 845,284	128 021,798	13,003	12,535
37	56	94 621	9 205,592	118 176,515	12,837	12,369
38	57	94 190	8 604,398	108 970,923	12,665	12,196
39	58	93 716	8 038,547	100 366,524	12,486	12,017
40	59	93 201	7 506,440	92 327,977	12,300	11,831
41	60	92 634	7 005,442	84 821,538	12,108	11,639
42	61	92 012	6 533,753	77 816,096	11,910	11,441
43	62	91 361	6 091,563	71 282,343	11,702	11,233
44	63	90 657	5 675,711	65 190,780	11,486	11,017
45	64	89 899	5 284,709	59 515,069	11,262	10,793
46	65	89 061	4 915,937	54 230,360	11,032	10,563
47	66	88 155	4 568,916	49 314,423	10,793	10,325
48	67	87 167	4 242,016	44 745,507	10,548	10,079
49	68	86 082	3 933,515	40 503,491	10,297	9,828
50	69	84 934	3 644,209	36 569,977	10,035	9,566
51	70	83 690	3 371,661	32 925,767	9,765	9,297
52	71	82 351	3 115,233	29 554,106	9,487	9,018
53	72	80 889	2 873,162	26 438,873	9,202	8,733
54	73	79 326	2 645,673	23 565,711	8,907	8,439
55	74	77 662	2 432,105	20 920,037	8,602	8,133
56	75	75 864	2 230,796	18 487,933	8,288	7,819
57	76	73 910	2 040,670	16 257,136	7,967	7,498
58	77	71 751	1 860,168	14 216,466	7,643	7,174
59	78	69 406	1 689,546	12 356,298	7,313	6,845
60	79	66 832	1 527,586	10 666,752	6,983	6,514
61	80	63 982	1 373,201	9 139,166	6,655	6,187
62	81	60 849	1 226,244	7 765,965	6,333	5,864
63	82	57 462	1 087,322	6 539,720	6,015	5,546
64	83	53 856	956,892	5 452,399	5,698	5,229
65	84	50 004	834,222	4 495,506	5,389	4,920
66	85	45 926	719,424	3 661,284	5,089	4,620
67	86	41 687	613,163	2 941,860	4,798	4,329
68	87	37 299	515,134	2 328,697	4,521	4,052
69	88	32 897	426,618	1 813,563	4,251	3,782
70	89	28 519	347,267	1 386,945	3,994	3,525
71	90	24 230	277,034	1 039,678	3,753	3,284
72	91	20 142	216,238	762,644	3,527	3,058
73	92	16 333	164,644	546,407	3,319	2,850
74	93	12 894	122,045	381,763	3,128	2,659
75	94	9 881	87,821	259,718	2,957	2,489
76	95	7 300	60,922	171,897	2,822	2,353
77	96	5 276	41,341	110,974	2,684	2,216
78	97	3 695	27,187	69,633	2,561	2,093
79	98	2 548	17,602	42,446	2,411	1,943
80	99	1 679	10,890	24,844	2,281	1,813
81	100	1 058	6,445	13,954	2,165	1,696

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 574 022,494	15,822	15,353
1	21	99 114	93 065,064	1 474 537,010	15,844	15,375
2	22	99 071	87 346,770	1 381 471,945	15,816	15,347
3	23	99 038	81 988,764	1 294 125,175	15,784	15,315
4	24	99 004	76 958,141	1 212 136,411	15,751	15,282
5	25	98 976	72 240,532	1 135 178,270	15,714	15,245
6	26	98 948	67 812,447	1 062 937,738	15,675	15,206
7	27	98 918	63 654,668	995 125,291	15,633	15,164
8	28	98 889	59 751,555	931 470,623	15,589	15,120
9	29	98 856	56 086,185	871 719,068	15,542	15,074
10	30	98 822	52 645,222	815 632,884	15,493	15,024
11	31	98 785	49 413,655	762 987,662	15,441	14,972
12	32	98 745	46 378,846	713 574,007	15,386	14,917
13	33	98 703	43 529,688	667 195,161	15,327	14,859
14	34	98 658	40 854,486	623 665,473	15,266	14,797
15	35	98 608	38 341,385	582 810,987	15,201	14,732
16	36	98 553	35 981,402	544 469,602	15,132	14,663
17	37	98 482	33 760,816	508 488,201	15,061	14,593
18	38	98 408	31 676,417	474 727,385	14,987	14,518
19	39	98 312	29 714,299	443 050,969	14,910	14,442
20	40	98 213	27 872,487	413 336,669	14,830	14,361
21	41	98 102	26 141,798	385 464,182	14,745	14,276
22	42	97 983	24 516,595	359 322,384	14,656	14,188
23	43	97 858	22 990,801	334 805,789	14,563	14,094
24	44	97 725	21 558,275	311 814,988	14,464	13,995
25	45	97 578	20 212,088	290 256,713	14,361	13,892
26	46	97 422	18 948,262	270 044,625	14,252	13,783
27	47	97 253	17 760,785	251 096,363	14,138	13,669
28	48	97 062	16 644,099	233 335,578	14,019	13,550
29	49	96 857	15 595,226	216 691,479	13,895	13,426
30	50	96 626	14 608,510	201 096,253	13,766	13,297
31	51	96 380	13 681,992	186 487,743	13,630	13,161
32	52	96 101	12 809,741	172 805,751	13,490	13,021
33	53	95 798	11 989,989	159 996,010	13,344	12,875
34	54	95 468	11 219,463	148 006,021	13,192	12,723
35	55	95 104	10 494,543	136 786,558	13,034	12,565
36	56	94 705	9 812,662	126 292,015	12,870	12,402
37	57	94 279	9 172,278	116 479,352	12,699	12,230
38	58	93 814	8 570,047	107 307,074	12,521	12,052
39	59	93 302	8 003,093	98 737,027	12,337	11,869
40	60	92 750	7 470,184	90 733,935	12,146	11,677
41	61	92 134	6 967,676	83 263,751	11,950	11,481
42	62	91 498	6 497,196	76 296,075	11,743	11,274
43	63	90 806	6 054,547	69 798,880	11,528	11,060
44	64	90 060	5 638,339	63 744,333	11,306	10,837
45	65	89 244	5 246,198	58 105,994	11,076	10,607
46	66	88 348	4 876,550	52 859,796	10,840	10,371
47	67	87 384	4 529,005	47 983,246	10,595	10,126
48	68	86 322	4 200,892	43 454,242	10,344	9,875
49	69	85 203	3 893,335	39 253,350	10,082	9,613
50	70	83 986	3 603,496	35 360,015	9,813	9,344
51	71	82 670	3 330,583	31 756,519	9,535	9,066
52	72	81 249	3 073,519	28 425,937	9,249	8,780
53	73	79 723	2 831,762	25 352,418	8,953	8,484
54	74	78 098	2 604,711	22 520,656	8,646	8,177
55	75	76 334	2 390,495	19 915,945	8,331	7,863
56	76	74 418	2 188,260	17 525,450	8,009	7,540
57	77	72 296	1 996,130	15 337,189	7,683	7,215
58	78	69 997	1 814,683	13 341,059	7,352	6,883
59	79	67 456	1 642,069	11 526,376	7,019	6,551
60	80	64 631	1 477,293	9 884,306	6,691	6,222
61	81	61 525	1 320,460	8 407,013	6,367	5,898
62	82	58 168	1 172,213	7 086,554	6,045	5,577
63	83	54 570	1 032,584	5 914,341	5,728	5,259
64	84	50 728	901,314	4 881,757	5,416	4,948
65	85	46 643	778,145	3 980,442	5,115	4,647
66	86	42 380	663,870	3 202,297	4,824	4,355
67	87	37 981	558,648	2 538,428	4,544	4,075
68	88	33 524	463,008	1 979,780	4,276	3,807
69	89	29 120	377,631	1 516,772	4,017	3,548
70	90	24 785	301,803	1 139,141	3,774	3,306
71	91	20 646	236,051	837,338	3,547	3,079
72	92	16 772	180,054	601,287	3,339	2,871
73	93	13 270	133,763	421,234	3,149	2,680
74	94	10 197	96,514	287,470	2,979	2,510
75	95	7 558	67,168	190,957	2,843	2,374
76	96	5 482	45,751	123,789	2,706	2,237
77	97	3 854	30,200	78,038	2,584	2,115
78	98	2 671	19,655	47,838	2,434	1,965
79	99	1 771	12,238	28,183	2,303	1,834
80	100	1 124	7,291	15,945	2,187	1,718

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 571 462,651	15,799	15,330
1	22	99 098	93 049,657	1 471 995,589	15,819	15,351
2	23	99 054	87 331,655	1 378 945,932	15,790	15,321
3	24	99 017	81 970,974	1 291 614,277	15,757	15,288
4	25	98 987	76 945,091	1 209 643,303	15,721	15,252
5	26	98 957	72 227,062	1 132 698,212	15,682	15,214
6	27	98 929	67 799,253	1 060 471,150	15,641	15,173
7	28	98 897	63 640,764	992 671,897	15,598	15,129
8	29	98 864	59 736,653	929 031,133	15,552	15,083
9	30	98 830	56 071,671	869 294,480	15,503	15,035
10	31	98 793	52 629,590	813 222,810	15,452	14,983
11	32	98 754	49 397,882	760 593,220	15,397	14,929
12	33	98 711	46 362,750	711 195,338	15,340	14,871
13	34	98 668	43 514,189	664 832,588	15,279	14,810
14	35	98 620	40 838,507	621 318,398	15,214	14,745
15	36	98 568	38 325,953	580 479,891	15,146	14,677
16	37	98 507	35 964,532	542 153,938	15,075	14,606
17	38	98 437	33 745,278	506 189,406	15,000	14,532
18	39	98 350	31 657,865	472 444,128	14,923	14,455
19	40	98 254	29 696,599	440 786,263	14,843	14,374
20	41	98 146	27 853,570	411 089,664	14,759	14,290
21	42	98 027	26 121,856	383 236,095	14,671	14,202
22	43	97 902	24 496,251	357 114,239	14,578	14,110
23	44	97 770	22 970,111	332 617,988	14,480	14,012
24	45	97 625	21 536,284	309 647,877	14,378	13,909
25	46	97 469	20 189,613	288 111,593	14,270	13,802
26	47	97 299	18 924,203	267 921,980	14,158	13,689
27	48	97 113	17 735,324	248 997,777	14,040	13,571
28	49	96 907	16 617,475	231 262,452	13,917	13,448
29	50	96 681	15 566,976	214 644,977	13,788	13,320
30	51	96 436	14 579,721	199 078,001	13,654	13,186
31	52	96 167	13 651,772	184 498,280	13,515	13,046
32	53	95 865	12 778,289	170 846,508	13,370	12,901
33	54	95 536	11 957,218	158 068,219	13,219	12,751
34	55	95 181	11 185,696	146 111,000	13,062	12,594
35	56	94 789	10 459,771	134 925,304	12,899	12,431
36	57	94 362	9 777,151	124 465,533	12,730	12,262
37	58	93 902	9 135,660	114 688,381	12,554	12,085
38	59	93 400	8 532,248	105 552,722	12,371	11,902
39	60	92 852	7 964,438	97 020,473	12,182	11,713
40	61	92 250	7 429,912	89 056,035	11,986	11,517
41	62	91 619	6 928,691	81 626,124	11,781	11,312
42	63	90 942	6 457,715	74 697,433	11,567	11,098
43	64	90 208	6 014,681	68 239,719	11,346	10,877
44	65	89 404	5 597,251	62 225,037	11,117	10,648
45	66	88 529	5 204,164	56 627,787	10,881	10,413
46	67	87 576	4 833,951	51 423,622	10,638	10,169
47	68	86 537	4 485,099	46 589,671	10,388	9,919
48	69	85 440	4 157,981	42 104,573	10,126	9,657
49	70	84 251	3 849,838	37 946,592	9,857	9,388
50	71	82 962	3 559,592	34 096,754	9,579	9,110
51	72	81 563	3 285,985	30 537,162	9,293	8,824
52	73	80 078	3 029,232	27 251,177	8,996	8,527
53	74	78 489	2 787,918	24 221,945	8,688	8,219
54	75	76 762	2 560,148	21 434,027	8,372	7,903
55	76	74 878	2 344,915	18 873,879	8,049	7,580
56	77	72 794	2 140,499	16 528,964	7,722	7,253
57	78	70 529	1 947,321	14 388,465	7,389	6,920
58	79	68 030	1 763,690	12 441,144	7,054	6,585
59	80	65 235	1 588,007	10 677,454	6,724	6,255
60	81	62 149	1 420,553	9 089,447	6,399	5,930
61	82	58 814	1 262,277	7 668,893	6,075	5,607
62	83	55 239	1 113,202	6 406,617	5,755	5,286
63	84	51 400	972,610	5 293,415	5,442	4,974
64	85	47 318	840,727	4 320,805	5,139	4,671
65	86	43 041	718,055	3 480,078	4,847	4,378
66	87	38 612	604,846	2 762,022	4,566	4,098
67	88	34 137	502,118	2 157,176	4,296	3,827
68	89	29 675	409,843	1 655,058	4,038	3,570
69	90	25 308	328,193	1 245,215	3,794	3,325
70	91	21 119	257,155	917,022	3,566	3,097
71	92	17 191	196,551	659,867	3,357	2,888
72	93	13 626	146,283	463,316	3,167	2,699
73	94	10 494	105,780	317,033	2,997	2,528
74	95	7 799	73,816	211,253	2,862	2,393
75	96	5 675	50,441	137,436	2,725	2,256
76	97	4 005	33,421	86,996	2,603	2,134
77	98	2 786	21,833	53,574	2,454	1,985
78	99	1 857	13,665	31,741	2,323	1,854
79	100	1 186	8,193	18,075	2,206	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 568 736,800	15,774	15,305
1	23	99 081	93 033,555	1 469 286,204	15,793	15,324
2	24	99 032	87 312,705	1 376 252,649	15,762	15,294
3	25	99 000	81 957,074	1 288 939,944	15,727	15,258
4	26	98 969	76 930,744	1 206 982,870	15,689	15,220
5	27	98 938	72 213,009	1 130 052,126	15,649	15,180
6	28	98 907	67 784,443	1 057 839,117	15,606	15,137
7	29	98 872	63 624,892	990 054,674	15,561	15,092
8	30	98 838	59 721,194	926 429,782	15,513	15,044
9	31	98 801	56 055,021	866 708,588	15,462	14,993
10	32	98 761	52 612,791	810 653,567	15,408	14,939
11	33	98 720	49 380,739	758 040,776	15,351	14,882
12	34	98 676	46 346,243	708 660,037	15,291	14,822
13	35	98 629	43 497,170	662 313,794	15,227	14,758
14	36	98 580	40 822,071	618 816,624	15,159	14,690
15	37	98 522	38 307,984	577 994,554	15,088	14,619
16	38	98 462	35 947,980	539 686,569	15,013	14,544
17	39	98 379	33 725,515	503 738,589	14,936	14,468
18	40	98 291	31 639,006	470 013,075	14,855	14,387
19	41	98 187	29 676,444	438 374,068	14,772	14,303
20	42	98 071	27 832,321	408 697,625	14,684	14,216
21	43	97 946	26 100,180	380 865,303	14,592	14,124
22	44	97 814	24 474,206	354 765,124	14,495	14,027
23	45	97 670	22 946,680	330 290,918	14,394	13,925
24	46	97 517	21 512,337	307 344,237	14,287	13,818
25	47	97 346	20 163,978	285 831,900	14,175	13,707
26	48	97 159	18 897,074	265 667,923	14,059	13,590
27	49	96 958	17 706,955	246 770,848	13,936	13,468
28	50	96 731	16 587,374	229 063,893	13,810	13,341
29	51	96 491	15 536,299	212 476,519	13,676	13,207
30	52	96 223	14 547,518	196 940,220	13,538	13,069
31	53	95 931	13 618,252	182 392,703	13,393	12,925
32	54	95 603	12 743,365	168 774,450	13,244	12,775
33	55	95 249	11 921,231	156 031,086	13,089	12,620
34	56	94 866	11 148,634	144 109,854	12,926	12,457
35	57	94 446	10 421,918	132 961,220	12,758	12,289
36	58	93 986	9 738,118	122 539,302	12,583	12,115
37	59	93 488	9 095,367	112 801,184	12,402	11,933
38	60	92 949	8 491,037	103 705,817	12,214	11,745
39	61	92 351	7 921,501	95 214,780	12,020	11,551
40	62	91 734	7 388,340	87 293,278	11,815	11,346
41	63	91 062	6 886,587	79 904,938	11,603	11,134
42	64	90 343	6 415,194	73 018,350	11,382	10,913
43	65	89 551	5 970,850	66 603,156	11,155	10,686
44	66	88 688	5 552,405	60 632,306	10,920	10,451
45	67	87 755	5 158,704	55 079,901	10,677	10,208
46	68	86 727	4 787,089	49 921,198	10,428	9,960
47	69	85 653	4 439,284	45 134,109	10,167	9,698
48	70	84 486	4 111,527	40 694,825	9,898	9,429
49	71	83 224	3 802,933	36 583,298	9,620	9,151
50	72	81 851	3 511,928	32 780,365	9,334	8,865
51	73	80 388	3 238,636	29 268,437	9,037	8,569
52	74	78 838	2 982,331	26 029,800	8,728	8,259
53	75	77 146	2 740,222	23 047,470	8,411	7,942
54	76	75 298	2 511,333	20 307,248	8,086	7,618
55	77	73 244	2 293,734	17 795,915	7,758	7,290
56	78	71 014	2 088,160	15 502,181	7,424	6,955
57	79	68 547	1 892,601	13 414,021	7,088	6,619
58	80	65 790	1 705,624	11 521,420	6,755	6,286
59	81	62 729	1 527,015	9 815,796	6,428	5,959
60	82	59 411	1 357,960	8 288,782	6,104	5,635
61	83	55 853	1 198,732	6 930,822	5,782	5,313
62	84	52 031	1 048,545	5 732,090	5,467	4,998
63	85	47 945	907,230	4 683,545	5,162	4,694
64	86	43 664	775,805	3 776,315	4,868	4,399
65	87	39 214	654,215	3 000,510	4,586	4,118
66	88	34 705	543,642	2 346,295	4,316	3,847
67	89	30 218	444,462	1 802,653	4,056	3,587
68	90	25 790	356,187	1 358,190	3,813	3,344
69	91	21 564	279,641	1 002,004	3,583	3,114
70	92	17 585	214,124	722,363	3,374	2,905
71	93	13 967	159,686	508,238	3,183	2,714
72	94	10 775	115,681	348,552	3,013	2,544
73	95	8 026	80,904	232,871	2,878	2,410
74	96	5 857	55,434	151,968	2,741	2,273
75	97	4 146	36,848	96,534	2,620	2,151
76	98	2 895	24,162	59,686	2,470	2,002
77	99	1 937	15,180	35,525	2,340	1,871
78	100	1 243	9,149	20,345	2,224	1,755

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 565 832,209	15,748	15,279
1	24	99 059	93 013,368	1 466 398,824	15,765	15,297
2	25	99 015	87 297,899	1 373 385,456	15,732	15,263
3	26	98 982	81 941,792	1 286 087,556	15,695	15,226
4	27	98 950	76 915,775	1 204 145,764	15,655	15,187
5	28	98 916	72 197,236	1 127 229,989	15,613	15,144
6	29	98 882	67 767,538	1 055 032,753	15,568	15,100
7	30	98 847	63 608,427	987 265,215	15,521	15,052
8	31	98 809	59 703,461	923 656,787	15,471	15,002
9	32	98 769	56 037,128	863 953,326	15,418	14,949
10	33	98 727	52 594,532	807 916,198	15,361	14,892
11	34	98 684	49 363,157	755 321,666	15,301	14,833
12	35	98 637	46 328,116	705 958,509	15,238	14,769
13	36	98 590	43 479,663	659 630,393	15,171	14,702
14	37	98 534	40 802,931	616 150,730	15,101	14,632
15	38	98 477	38 290,354	575 347,799	15,026	14,557
16	39	98 404	35 926,927	537 057,445	14,949	14,480
17	40	98 320	33 705,424	501 130,518	14,868	14,399
18	41	98 225	31 617,533	467 425,093	14,784	14,315
19	42	98 112	29 653,805	435 807,561	14,697	14,228
20	43	97 990	27 809,226	406 153,756	14,605	14,136
21	44	97 858	26 076,691	378 344,530	14,509	14,040
22	45	97 714	24 449,242	352 267,839	14,408	13,939
23	46	97 561	22 921,165	327 818,597	14,302	13,833
24	47	97 393	21 485,022	304 897,433	14,191	13,722
25	48	97 206	20 135,072	283 412,411	14,076	13,607
26	49	97 004	18 866,847	263 277,339	13,954	13,486
27	50	96 782	17 674,880	244 410,492	13,828	13,359
28	51	96 541	16 554,686	226 735,612	13,696	13,227
29	52	96 278	15 501,983	210 180,926	13,558	13,090
30	53	95 986	14 511,799	194 678,944	13,415	12,946
31	54	95 669	13 581,032	180 167,144	13,266	12,797
32	55	95 315	12 705,012	166 586,113	13,112	12,643
33	56	94 933	11 881,732	153 881,101	12,951	12,482
34	57	94 522	11 108,288	141 999,369	12,783	12,314
35	58	94 069	10 380,311	130 891,081	12,610	12,141
36	59	93 571	9 695,168	120 510,770	12,430	11,961
37	60	93 036	9 051,436	110 815,602	12,243	11,774
38	61	92 448	8 445,262	101 764,166	12,050	11,581
39	62	91 834	7 877,180	93 318,904	11,847	11,378
40	63	91 177	7 343,444	85 441,725	11,635	11,166
41	64	90 463	6 841,243	78 098,280	11,416	10,947
42	65	89 684	6 368,445	71 257,037	11,189	10,720
43	66	88 833	5 923,011	64 888,592	10,955	10,487
44	67	87 913	5 503,902	58 965,582	10,713	10,245
45	68	86 904	5 108,693	53 461,680	10,465	9,996
46	69	85 841	4 738,190	48 352,986	10,205	9,736
47	70	84 696	4 389,688	43 614,797	9,936	9,467
48	71	83 457	4 061,434	39 225,109	9,658	9,189
49	72	82 110	3 752,010	35 163,675	9,372	8,903
50	73	80 672	3 461,323	31 411,665	9,075	8,606
51	74	79 144	3 188,493	27 950,341	8,766	8,297
52	75	77 489	2 931,308	24 761,848	8,447	7,979
53	76	75 675	2 687,972	21 830,540	8,122	7,653
54	77	73 654	2 456,520	19 142,568	7,793	7,324
55	78	71 453	2 237,648	16 686,048	7,457	6,988
56	79	69 018	2 029,482	14 448,400	7,119	6,651
57	80	66 290	1 830,290	12 418,917	6,785	6,316
58	81	63 263	1 640,114	10 588,627	6,456	5,987
59	82	59 965	1 459,731	8 948,513	6,130	5,662
60	83	56 420	1 289,598	7 488,782	5,807	5,338
61	84	52 609	1 129,107	6 199,184	5,490	5,022
62	85	48 533	978,061	5 070,077	5,184	4,715
63	86	44 243	837,173	4 092,016	4,888	4,419
64	87	39 782	706,830	3 254,844	4,605	4,136
65	88	35 246	588,015	2 548,013	4,333	3,865
66	89	30 720	481,218	1 959,999	4,073	3,604
67	90	26 261	386,274	1 478,780	3,828	3,360
68	91	21 975	303,494	1 092,506	3,600	3,131
69	92	17 955	232,847	789,012	3,389	2,920
70	93	14 287	173,963	556,165	3,197	2,728
71	94	11 045	126,280	382,202	3,027	2,558
72	95	8 241	88,476	255,922	2,893	2,424
73	96	6 027	60,756	167,446	2,756	2,287
74	97	4 278	40,495	106,690	2,635	2,166
75	98	2 997	26,639	66,195	2,485	2,016
76	99	2 013	16,799	39,556	2,355	1,886
77	100	1 297	10,163	22,757	2,239	1,771

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 562 738,208	15,720	15,251
1	25	99 042	92 997,596	1 463 326,398	15,735	15,266
2	26	98 997	87 281,622	1 370 328,802	15,700	15,231
3	27	98 962	81 925,849	1 283 047,180	15,661	15,192
4	28	98 928	76 898,975	1 201 121,332	15,619	15,151
5	29	98 892	72 179,230	1 124 222,357	15,575	15,107
6	30	98 857	67 750,001	1 052 043,127	15,528	15,060
7	31	98 817	63 589,540	984 293,125	15,479	15,010
8	32	98 777	59 684,404	920 703,585	15,426	14,957
9	33	98 735	56 017,681	861 019,182	15,370	14,902
10	34	98 692	52 575,806	805 001,501	15,311	14,843
11	35	98 646	49 343,850	752 425,695	15,249	14,780
12	36	98 597	46 309,470	703 081,845	15,182	14,714
13	37	98 543	43 459,278	656 772,375	15,112	14,644
14	38	98 489	40 784,153	613 313,097	15,038	14,569
15	39	98 419	38 267,929	572 528,944	14,961	14,492
16	40	98 346	35 905,525	534 261,016	14,880	14,411
17	41	98 254	33 682,549	498 355,490	14,796	14,327
18	42	98 150	31 593,413	464 672,942	14,708	14,239
19	43	98 031	29 629,198	433 079,529	14,617	14,148
20	44	97 902	27 784,200	403 450,331	14,521	14,052
21	45	97 758	26 050,092	375 666,132	14,421	13,952
22	46	97 605	24 422,055	349 616,040	14,316	13,847
23	47	97 437	22 892,061	325 193,985	14,206	13,737
24	48	97 253	21 454,222	302 301,924	14,091	13,622
25	49	97 051	20 102,864	280 847,701	13,971	13,502
26	50	96 828	18 832,671	260 744,837	13,845	13,377
27	51	96 592	17 640,049	241 912,167	13,714	13,245
28	52	96 327	16 518,120	224 272,118	13,577	13,109
29	53	96 041	15 463,921	207 753,998	13,435	12,966
30	54	95 724	14 472,136	192 290,077	13,287	12,818
31	55	95 381	13 540,158	177 817,941	13,133	12,664
32	56	94 999	12 662,915	164 277,783	12,973	12,504
33	57	94 589	11 838,733	151 614,868	12,807	12,338
34	58	94 145	11 063,941	139 776,135	12,633	12,165
35	59	93 654	10 334,528	128 712,194	12,455	11,986
36	60	93 119	9 648,340	118 377,666	12,269	11,800
37	61	92 535	9 002,639	108 729,326	12,077	11,609
38	62	91 931	8 398,010	99 726,686	11,875	11,406
39	63	91 276	7 829,313	91 328,676	11,665	11,196
40	64	90 576	7 295,092	83 499,364	11,446	10,977
41	65	89 803	6 791,389	76 204,272	11,221	10,752
42	66	88 966	6 317,420	69 412,883	10,988	10,519
43	67	88 057	5 871,271	63 095,463	10,746	10,278
44	68	87 061	5 450,545	57 224,192	10,499	10,030
45	69	86 017	5 056,509	51 773,647	10,239	9,770
46	70	84 882	4 685,254	46 717,139	9,971	9,502
47	71	83 665	4 336,206	42 031,885	9,693	9,224
48	72	82 339	4 007,050	37 695,679	9,407	8,939
49	73	80 927	3 697,947	33 688,629	9,110	8,641
50	74	79 423	3 407,733	29 990,683	8,801	8,332
51	75	77 790	3 133,943	26 582,950	8,482	8,014
52	76	76 012	2 875,415	23 449,007	8,155	7,686
53	77	74 024	2 629,304	20 573,592	7,825	7,356
54	78	71 853	2 396,454	17 944,287	7,488	7,019
55	79	69 445	2 174,770	15 547,834	7,149	6,680
56	80	66 746	1 962,665	13 373,064	6,814	6,345
57	81	63 744	1 759,993	11 410,399	6,483	6,014
58	82	60 476	1 567,846	9 650,407	6,155	5,686
59	83	56 946	1 386,246	8 082,560	5,831	5,362
60	84	53 143	1 214,696	6 696,315	5,513	5,044
61	85	49 073	1 053,208	5 481,619	5,205	4,736
62	86	44 786	902,534	4 428,411	4,907	4,438
63	87	40 309	762,742	3 525,877	4,623	4,154
64	88	35 757	635,306	2 763,136	4,349	3,881
65	89	31 199	520,496	2 127,830	4,088	3,619
66	90	26 698	418,218	1 607,334	3,843	3,375
67	91	22 376	329,130	1 189,116	3,613	3,144
68	92	18 298	252,709	859,986	3,403	2,934
69	93	14 588	189,175	607,277	3,210	2,741
70	94	11 298	137,571	418,103	3,039	2,570
71	95	8 447	96,583	280,532	2,905	2,436
72	96	6 189	66,442	183,950	2,769	2,300
73	97	4 403	44,383	117,507	2,648	2,179
74	98	3 093	29,276	73,124	2,498	2,029
75	99	2 084	18,521	43,848	2,367	1,899
76	100	1 348	11,246	25,327	2,252	1,783

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 559 447,343	15,689	15,221
1	26	99 024	92 980,255	1 460 052,390	15,703	15,234
2	27	98 978	87 264,639	1 367 072,135	15,666	15,197
3	28	98 941	81 907,954	1 279 807,496	15,625	15,156
4	29	98 903	76 879,797	1 197 899,542	15,581	15,113
5	30	98 866	72 160,551	1 121 019,745	15,535	15,066
6	31	98 828	67 729,884	1 048 859,194	15,486	15,017
7	32	98 786	63 569,243	981 129,310	15,434	14,965
8	33	98 743	59 663,691	917 560,067	15,379	14,910
9	34	98 700	55 997,736	857 896,377	15,320	14,851
10	35	98 653	52 555,242	801 898,641	15,258	14,789
11	36	98 606	49 323,990	749 343,398	15,192	14,724
12	37	98 551	46 287,758	700 019,408	15,123	14,654
13	38	98 498	43 439,277	653 731,650	15,049	14,581
14	39	98 431	40 760,267	610 292,373	14,973	14,504
15	40	98 360	38 245,132	569 532,106	14,892	14,423
16	41	98 279	35 881,156	531 286,974	14,807	14,338
17	42	98 179	33 656,854	495 405,818	14,719	14,251
18	43	98 068	31 567,197	461 748,964	14,627	14,159
19	44	97 943	29 602,533	430 181,768	14,532	14,063
20	45	97 802	27 755,859	400 579,234	14,432	13,963
21	46	97 649	26 021,125	372 823,376	14,328	13,859
22	47	97 481	24 391,046	346 802,251	14,218	13,750
23	48	97 298	22 859,244	322 411,205	14,104	13,635
24	49	97 098	21 419,905	299 551,961	13,985	13,516
25	50	96 875	20 066,449	278 132,056	13,861	13,392
26	51	96 637	18 795,558	258 065,607	13,730	13,261
27	52	96 378	17 601,086	239 270,050	13,594	13,125
28	53	96 091	16 477,563	221 668,964	13,453	12,984
29	54	95 779	15 421,656	205 191,401	13,305	12,837
30	55	95 436	14 428,581	189 769,745	13,152	12,684
31	56	95 065	13 495,294	175 341,165	12,993	12,524
32	57	94 656	12 617,089	161 845,871	12,828	12,359
33	58	94 212	11 791,470	149 228,781	12,656	12,187
34	59	93 730	11 015,143	137 437,312	12,477	12,008
35	60	93 202	10 284,612	126 422,169	12,292	11,824
36	61	92 617	9 596,326	116 137,557	12,102	11,634
37	62	92 017	8 952,269	106 541,231	11,901	11,432
38	63	91 372	8 346,978	97 588,962	11,692	11,223
39	64	90 675	7 777,761	89 241,984	11,474	11,005
40	65	89 916	7 241,930	81 464,223	11,249	10,780
41	66	89 084	6 736,975	74 222,293	11,017	10,548
42	67	88 189	6 262,234	67 485,317	10,777	10,308
43	68	87 204	5 814,352	61 223,083	10,530	10,061
44	69	86 171	5 394,869	55 408,731	10,271	9,802
45	70	85 056	5 000,017	50 013,862	10,003	9,534
46	71	83 848	4 628,171	45 013,845	9,726	9,257
47	72	82 544	4 278,143	40 385,675	9,440	8,971
48	73	81 153	3 949,311	36 107,532	9,143	8,674
49	74	79 674	3 640,692	32 158,221	8,833	8,364
50	75	78 064	3 349,432	28 517,529	8,514	8,045
51	76	76 306	3 074,186	25 168,097	8,187	7,718
52	77	74 353	2 812,656	22 093,911	7,855	7,386
53	78	72 214	2 565,013	19 281,255	7,517	7,048
54	79	69 834	2 329,113	16 716,242	7,177	6,708
55	80	67 159	2 103,169	14 387,129	6,841	6,372
56	81	64 182	1 887,283	12 283,960	6,509	6,040
57	82	60 935	1 682,443	10 396,677	6,180	5,711
58	83	57 431	1 488,919	8 714,234	5,853	5,384
59	84	53 639	1 305,730	7 225,315	5,534	5,065
60	85	49 570	1 133,043	5 919,586	5,225	4,756
61	86	45 283	971,877	4 786,543	4,925	4,456
62	87	40 804	822,291	3 814,665	4,639	4,170
63	88	36 230	685,560	2 992,374	4,365	3,896
64	89	31 651	562,357	2 306,814	4,102	3,633
65	90	27 115	452,354	1 744,457	3,856	3,388
66	91	22 748	356,348	1 292,104	3,626	3,157
67	92	18 632	274,055	935,756	3,414	2,946
68	93	14 866	205,311	661,701	3,223	2,754
69	94	11 536	149,600	456,390	3,051	2,582
70	95	8 641	105,218	306,790	2,916	2,447
71	96	6 344	72,530	201,572	2,779	2,310
72	97	4 521	48,537	129,042	2,659	2,190
73	98	3 183	32,086	80,505	2,509	2,040
74	99	2 150	20,354	48,418	2,379	1,910
75	100	1 395	12,399	28,064	2,263	1,795

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	93 563,700	1 502 386,500	16,057	15,589
2	1	99 313	87 560,211	1 408 822,799	16,090	15,621
3	2	99 275	82 184,344	1 321 262,588	16,077	15,608
4	3	99 250	77 149,275	1 239 078,244	16,061	15,592
5	4	99 227	72 423,603	1 161 928,969	16,044	15,575
6	5	99 208	67 990,792	1 089 505,366	16,024	15,556
7	6	99 191	63 829,711	1 021 514,574	16,004	15,535
8	7	99 176	59 925,010	957 684,863	15,981	15,513
9	8	99 163	56 260,257	897 759,854	15,957	15,489
10	9	99 149	52 819,014	841 499,596	15,932	15,463
11	10	99 135	49 588,296	788 680,582	15,905	15,436
12	11	99 120	46 554,863	739 092,286	15,876	15,407
13	12	99 105	43 706,806	692 537,423	15,845	15,376
14	13	99 087	41 032,083	648 830,618	15,813	15,344
15	14	99 067	38 519,822	607 798,535	15,779	15,310
16	15	99 042	36 159,616	569 278,713	15,743	15,275
17	16	99 004	33 939,699	533 119,097	15,708	15,239
18	17	98 961	31 854,423	499 179,398	15,671	15,202
19	18	98 908	29 894,412	467 324,975	15,633	15,164
20	19	98 847	28 052,436	437 430,562	15,593	15,125
21	20	98 783	26 323,361	409 378,126	15,552	15,083
22	21	98 721	24 701,143	383 054,765	15,508	15,039
23	22	98 660	23 179,263	358 353,622	15,460	14,991
24	23	98 598	21 750,807	335 174,360	15,410	14,941
25	24	98 528	20 408,991	313 423,553	15,357	14,888
26	25	98 464	19 150,903	293 014,563	15,300	14,832
27	26	98 399	17 970,197	273 863,659	15,240	14,771
28	27	98 328	16 861,239	255 893,462	15,176	14,708
29	28	98 256	15 820,538	239 032,223	15,109	14,640
30	29	98 175	14 842,757	223 211,685	15,038	14,570
31	30	98 093	13 925,227	208 368,929	14,963	14,495
32	31	97 997	13 062,450	194 443,702	14,886	14,417
33	32	97 897	12 252,707	181 381,251	14,803	14,335
34	33	97 793	11 492,730	169 128,544	14,716	14,247
35	34	97 680	10 778,767	157 635,814	14,625	14,156
36	35	97 555	10 107,968	146 857,047	14,529	14,060
37	36	97 429	9 478,812	136 749,078	14,427	13,958
38	37	97 292	8 887,785	127 270,266	14,320	13,851
39	38	97 145	8 332,743	118 382,481	14,207	13,738
40	39	96 983	7 811,055	110 049,738	14,089	13,620
41	40	96 803	7 320,743	102 238,683	13,966	13,497
42	41	96 609	6 860,174	94 917,940	13,836	13,367
43	42	96 392	6 426,973	88 057,766	13,701	13,233
44	43	96 154	6 019,834	81 630,793	13,560	13,092
45	44	95 895	5 637,200	75 610,959	13,413	12,944
46	45	95 601	5 276,936	69 973,760	13,260	12,792
47	46	95 286	4 938,547	64 696,823	13,100	12,632
48	47	94 929	4 619,733	59 758,277	12,935	12,467
49	48	94 529	4 319,497	55 138,543	12,765	12,296
50	49	94 081	4 036,635	50 819,047	12,589	12,121
51	50	93 580	3 770,093	46 782,412	12,409	11,940
52	51	93 035	3 519,376	43 012,319	12,222	11,753
53	52	92 418	3 282,688	39 492,943	12,031	11,562
54	53	91 732	3 059,436	36 210,255	11,836	11,367
55	54	90 971	2 848,889	33 150,819	11,636	11,168
56	55	90 140	2 650,565	30 301,930	11,432	10,964
57	56	89 227	2 463,604	27 651,364	11,224	10,755
58	57	88 234	2 287,492	25 187,760	11,011	10,542
59	58	87 140	2 121,249	22 900,268	10,796	10,327
60	59	85 953	1 964,654	20 779,019	10,576	10,108
61	60	84 679	1 817,402	18 814,365	10,352	9,884
62	61	83 297	1 678,631	16 996,963	10,125	9,657
63	62	81 827	1 548,353	15 318,332	9,893	9,425
64	63	80 267	1 426,135	13 769,978	9,655	9,187
65	64	78 600	1 311,285	12 343,843	9,414	8,945
66	65	76 828	1 203,498	11 032,559	9,167	8,698
67	66	74 967	1 102,667	9 829,061	8,914	8,445
68	67	72 978	1 007,898	8 726,394	8,658	8,189
69	68	70 918	919,679	7 718,496	8,393	7,924
70	69	68 746	837,090	6 798,817	8,122	7,653
71	70	66 455	759,806	5 961,726	7,846	7,378
72	71	64 044	687,551	5 201,920	7,566	7,097
73	72	61 534	620,288	4 514,369	7,278	6,809
74	73	58 931	557,795	3 894,081	6,981	6,512
75	74	56 225	499,698	3 336,286	6,677	6,208
76	75	53 382	445,478	2 836,588	6,368	5,899
77	76	50 393	394,869	2 391,109	6,055	5,587
78	77	47 260	347,714	1 996,241	5,741	5,272
79	78	43 972	303,780	1 648,526	5,427	4,958
80	79	40 502	262,732	1 344,746	5,118	4,650
81	80	36 874	224,597	1 082,015	4,818	4,349
82	81	33 099	189,297	857,417	4,529	4,061
83	82	29 275	157,208	668,120	4,250	3,781
84	83	25 443	128,294	510,912	3,982	3,514
85	84	21 681	102,651	382,618	3,727	3,259
86	85	18 049	80,241	279,967	3,489	3,020
87	86	14 656	61,181	199,726	3,265	2,796
88	87	11 578	45,379	138,546	3,053	2,584
89	88	8 871	32,647	93,167	2,854	2,385
90	89	6 577	22,727	60,520	2,663	2,194
91	90	4 689	15,216	37,793	2,484	2,015
92	91	3 187	9,710	22,577	2,325	1,856
93	92	2 059	5,889	12,867	2,185	1,716
94	93	1 265	3,397	6,978	2,054	1,585
95	94	727	1,833	3,581	1,954	1,485
96	95	397	0,940	1,748	1,860	1,391
97	96	205	0,456	0,808	1,774	1,305
98	97	99	0,207	0,353	1,705	1,236
99	98	46	0,090	0,146	1,626	1,158
100	99	20	0,036	0,056	1,560	1,091

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	87 829,308	1 409 630,658	16,050	15,581
3	1	99 297	82 203,338	1 321 801,350	16,080	15,611
4	2	99 262	77 158,463	1 239 598,012	16,066	15,597
5	3	99 238	72 432,232	1 162 439,549	16,049	15,580
6	4	99 217	67 996,975	1 090 007,317	16,030	15,561
7	5	99 198	63 834,498	1 022 010,342	16,010	15,542
8	6	99 182	59 928,955	958 175,844	15,989	15,520
9	7	99 168	56 263,031	898 246,889	15,965	15,496
10	8	99 155	52 822,285	841 983,858	15,940	15,471
11	9	99 141	49 591,505	789 161,574	15,913	15,444
12	10	99 126	46 557,622	739 570,069	15,885	15,416
13	11	99 112	43 710,061	693 012,447	15,855	15,386
14	12	99 095	41 035,329	649 302,386	15,823	15,354
15	13	99 075	38 523,124	608 267,057	15,790	15,321
16	14	99 052	36 163,411	569 743,933	15,755	15,286
17	15	99 016	33 943,946	533 580,522	15,719	15,251
18	16	98 975	31 858,918	499 636,576	15,683	15,214
19	17	98 923	29 898,790	467 777,658	15,645	15,177
20	18	98 867	28 058,150	437 878,868	15,606	15,137
21	19	98 802	26 328,443	409 820,718	15,566	15,097
22	20	98 739	24 705,718	383 492,275	15,522	15,054
23	21	98 676	23 183,101	358 786,557	15,476	15,007
24	22	98 615	21 754,571	335 603,457	15,427	14,958
25	23	98 550	20 413,420	313 848,885	15,375	14,906
26	24	98 481	19 154,151	293 435,465	15,320	14,851
27	25	98 418	17 973,548	274 281,314	15,260	14,792
28	26	98 347	16 864,520	256 307,766	15,198	14,729
29	27	98 278	15 823,994	239 443,245	15,132	14,663
30	28	98 200	14 846,459	223 619,251	15,062	14,593
31	29	98 119	13 928,832	208 772,792	14,989	14,520
32	30	98 026	13 066,330	194 843,960	14,912	14,443
33	31	97 928	12 256,620	181 777,630	14,831	14,362
34	32	97 827	11 496,720	169 521,010	14,745	14,276
35	33	97 715	10 782,606	158 024,290	14,655	14,187
36	34	97 593	10 111,923	147 241,684	14,561	14,092
37	35	97 468	9 482,629	137 129,761	14,461	13,992
38	36	97 338	8 891,954	127 647,132	14,355	13,887
39	37	97 190	8 336,579	118 755,178	14,245	13,776
40	38	97 039	7 815,632	110 418,599	14,128	13,659
41	39	96 861	7 325,107	102 602,966	14,007	13,538
42	40	96 675	6 864,833	95 277,859	13,879	13,410
43	41	96 465	6 431,880	88 413,026	13,746	13,277
44	42	96 234	6 024,834	81 981,147	13,607	13,138
45	43	95 981	5 642,277	75 956,313	13,462	12,993
46	44	95 699	5 282,324	70 314,036	13,311	12,842
47	45	95 392	4 944,044	65 031,712	13,154	12,685
48	46	95 050	4 625,606	60 087,667	12,990	12,521
49	47	94 664	4 325,698	55 462,061	12,822	12,353
50	48	94 231	4 043,102	51 136,363	12,648	12,179
51	49	93 750	3 776,934	47 093,261	12,469	12,000
52	50	93 218	3 526,325	43 316,326	12,284	11,815
53	51	92 623	3 289,955	39 790,001	12,094	11,626
54	52	91 958	3 066,967	36 500,046	11,901	11,432
55	53	91 221	2 856,697	33 433,080	11,703	11,235
56	54	90 412	2 658,567	30 576,383	11,501	11,032
57	55	89 524	2 471,794	27 917,816	11,295	10,826
58	56	88 555	2 295,801	25 446,022	11,084	10,615
59	57	87 489	2 129,751	23 150,221	10,870	10,401
60	58	86 334	1 973,358	21 020,470	10,652	10,183
61	59	85 090	1 826,223	19 047,112	10,430	9,961
62	60	83 749	1 687,730	17 220,890	10,204	9,735
63	61	82 287	1 557,065	15 533,160	9,976	9,507
64	62	80 757	1 434,854	13 976,095	9,740	9,272
65	63	79 121	1 319,976	12 541,241	9,501	9,032
66	64	77 392	1 212,332	11 221,265	9,256	8,787
67	65	75 572	1 111,573	10 008,932	9,004	8,536
68	66	73 621	1 016,780	8 897,359	8,751	8,282
69	67	71 613	928,682	7 880,579	8,486	8,017
70	68	69 455	845,729	6 951,897	8,220	7,751
71	69	67 205	768,391	6 106,168	7,947	7,478
72	70	64 834	696,031	5 337,777	7,669	7,200
73	71	62 369	628,707	4 641,746	7,383	6,914
74	72	59 793	565,950	4 013,039	7,091	6,622
75	73	57 109	507,557	3 447,089	6,792	6,323
76	74	54 311	453,232	2 939,532	6,486	6,017
77	75	51 373	402,544	2 486,300	6,176	5,708
78	76	48 314	355,473	2 083,756	5,862	5,393
79	77	45 074	311,394	1 728,283	5,550	5,081
80	78	41 673	270,328	1 416,888	5,241	4,773
81	79	38 130	232,244	1 146,560	4,937	4,468
82	80	34 421	196,858	914,317	4,645	4,176
83	81	30 624	164,454	717,458	4,363	3,894
84	82	26 792	135,095	553,004	4,093	3,625
85	83	23 018	108,981	417,909	3,835	3,366
86	84	19 350	86,023	308,929	3,591	3,122
87	85	15 883	66,301	222,905	3,362	2,893
88	86	12 707	49,807	156,605	3,144	2,676
89	87	9 869	36,323	106,798	2,940	2,472
90	88	7 430	25,675	70,475	2,745	2,276
91	89	5 396	17,508	44,800	2,559	2,090
92	90	3 740	11,396	27,292	2,395	1,926
93	91	2 472	7,073	15,896	2,248	1,779
94	92	1 557	4,181	8,824	2,110	1,641
95	93	919	2,317	4,642	2,003	1,534
96	94	519	1,229	2,325	1,892	1,423
97	95	273	0,607	1,096	1,807	1,338
98	96	136	0,283	0,490	1,729	1,260
99	97	63	0,124	0,206	1,665	1,196
100	98	28	0,052	0,082	1,592	1,123

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	82 455,971	1 322 547,648	16,039	15,571
4	1	99 285	77 176,295	1 240 091,677	16,068	15,600
5	2	99 250	72 440,858	1 162 915,381	16,053	15,585
6	3	99 229	68 005,077	1 090 474,523	16,035	15,566
7	4	99 207	63 840,303	1 022 469,447	16,016	15,547
8	5	99 190	59 933,449	958 629,143	15,995	15,526
9	6	99 174	56 266,735	898 695,694	15,972	15,503
10	7	99 160	52 824,889	842 428,959	15,948	15,479
11	8	99 147	49 594,575	789 604,071	15,921	15,452
12	9	99 132	46 560,635	740 009,496	15,893	15,425
13	10	99 118	43 712,651	693 448,861	15,864	15,395
14	11	99 103	41 038,386	649 736,210	15,832	15,364
15	12	99 083	38 526,172	608 697,824	15,800	15,331
16	13	99 060	36 166,511	570 171,651	15,765	15,296
17	14	99 026	33 947,508	534 005,141	15,730	15,262
18	15	98 987	31 862,904	500 057,633	15,694	15,225
19	16	98 937	29 903,010	468 194,728	15,657	15,188
20	17	98 881	28 062,259	438 291,719	15,619	15,150
21	18	98 822	26 333,806	410 229,460	15,578	15,109
22	19	98 758	24 710,487	383 895,654	15,536	15,067
23	20	98 694	23 187,394	359 185,167	15,491	15,022
24	21	98 631	21 758,173	335 997,773	15,442	14,974
25	22	98 567	20 416,953	314 239,599	15,391	14,922
26	23	98 502	19 158,308	293 822,646	15,337	14,868
27	24	98 434	17 976,597	274 664,338	15,279	14,810
28	25	98 366	16 867,666	256 687,741	15,218	14,749
29	26	98 297	15 827,074	239 820,076	15,153	14,684
30	27	98 221	14 849,703	223 993,002	15,084	14,615
31	28	98 143	13 932,306	209 143,299	15,011	14,543
32	29	98 051	13 069,712	195 210,993	14,936	14,467
33	30	97 957	12 260,260	182 141,280	14,856	14,387
34	31	97 859	11 500,391	169 881,020	14,772	14,303
35	32	97 749	10 786,350	158 380,629	14,683	14,215
36	33	97 628	10 115,525	147 594,280	14,591	14,122
37	34	97 507	9 486,339	137 478,755	14,492	14,024
38	35	97 377	8 895,534	127 992,416	14,388	13,920
39	36	97 236	8 340,490	119 096,882	14,279	13,811
40	37	97 084	7 819,231	110 756,392	14,165	13,696
41	38	96 918	7 329,399	102 937,161	14,044	13,576
42	39	96 732	6 868,925	95 607,761	13,919	13,450
43	40	96 531	6 436,248	88 738,837	13,787	13,319
44	41	96 307	6 029,433	82 302,589	13,650	13,181
45	42	96 061	5 646,963	76 273,155	13,507	13,038
46	43	95 785	5 287,082	70 626,192	13,358	12,890
47	44	95 490	4 949,093	65 339,110	13,202	12,733
48	45	95 155	4 630,756	60 390,017	13,041	12,572
49	46	94 785	4 331,197	55 759,262	12,874	12,405
50	47	94 367	4 048,906	51 428,064	12,702	12,233
51	48	93 900	3 782,986	47 379,158	12,524	12,056
52	49	93 388	3 532,725	43 596,172	12,341	11,872
53	50	92 806	3 296,451	40 063,448	12,154	11,685
54	51	92 161	3 073,756	36 766,997	11,962	11,493
55	52	91 445	2 863,728	33 693,241	11,766	11,297
56	53	90 660	2 665,853	30 829,513	11,565	11,096
57	54	89 794	2 479,256	28 163,660	11,360	10,891
58	55	88 849	2 303,433	25 684,404	11,150	10,682
59	56	87 807	2 137,486	23 380,971	10,939	10,470
60	57	86 680	1 981,268	21 243,485	10,722	10,253
61	58	85 467	1 834,313	19 262,217	10,501	10,032
62	59	84 155	1 695,921	17 427,904	10,276	9,808
63	60	82 733	1 565,505	15 731,983	10,049	9,580
64	61	81 212	1 442,927	14 166,478	9,818	9,349
65	62	79 604	1 328,046	12 723,551	9,581	9,112
66	63	77 905	1 220,368	11 395,505	9,338	8,869
67	64	76 127	1 119,733	10 175,137	9,087	8,618
68	65	74 215	1 024,992	9 055,404	8,835	8,366
69	66	72 244	936,866	8 030,412	8,572	8,103
70	67	70 135	854,008	7 093,545	8,306	7,837
71	68	67 899	776,321	6 239,537	8,037	7,569
72	69	65 566	703,896	5 463,216	7,761	7,293
73	70	63 138	636,461	4 759,321	7,478	7,009
74	71	60 604	573,631	4 122,860	7,187	6,719
75	72	57 944	514,977	3 549,229	6,892	6,423
76	73	55 166	460,360	3 034,252	6,591	6,122
77	74	52 267	409,551	2 573,892	6,285	5,816
78	75	49 253	362,382	2 164,340	5,973	5,504
79	76	46 080	318,343	1 801,958	5,660	5,192
80	77	42 718	277,104	1 483,615	5,354	4,885
81	78	39 232	238,958	1 206,512	5,049	4,580
82	79	35 593	203,560	967,553	4,753	4,284
83	80	31 847	171,023	763,993	4,467	3,998
84	81	28 027	141,322	592,970	4,196	3,727
85	82	24 238	114,758	451,648	3,936	3,467
86	83	20 543	91,328	336,890	3,689	3,220
87	84	17 028	71,078	245,563	3,455	2,986
88	85	13 771	53,975	174,484	3,233	2,764
89	86	10 833	39,867	120,509	3,023	2,554
90	87	8 266	28,566	80,642	2,823	2,354
91	88	6 096	19,779	52,077	2,633	2,164
92	89	4 304	13,112	32,297	2,463	1,994
93	90	2 902	8,301	19,185	2,311	1,843
94	91	1 869	5,022	10,884	2,167	1,699
95	92	1 131	2,852	5,863	2,055	1,587
96	93	656	1,554	3,010	1,937	1,469
97	94	357	0,793	1,456	1,836	1,368
98	95	181	0,377	0,663	1,759	1,291
99	96	87	0,170	0,286	1,687	1,218
100	97	39	0,072	0,117	1,628	1,159

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	77 413,479	1 240 780,948	16,028	15,559
5	1	99 273	72 457,600	1 163 367,469	16,056	15,587
6	2	99 241	68 013,175	1 090 909,869	16,040	15,571
7	3	99 219	63 847,910	1 022 896,693	16,021	15,552
8	4	99 199	59 938,900	959 048,783	16,000	15,532
9	5	99 182	56 270,955	899 109,884	15,978	15,509
10	6	99 166	52 828,366	842 838,929	15,954	15,486
11	7	99 152	49 597,020	790 010,563	15,929	15,460
12	8	99 138	46 563,517	740 413,543	15,901	15,432
13	9	99 124	43 715,480	693 850,025	15,872	15,403
14	10	99 108	41 040,818	650 134,545	15,841	15,372
15	11	99 091	38 529,042	609 093,728	15,809	15,340
16	12	99 068	36 169,372	570 564,686	15,775	15,306
17	13	99 035	33 950,418	534 395,313	15,740	15,272
18	14	98 997	31 866,248	500 444,895	15,705	15,236
19	15	98 949	29 906,751	468 578,647	15,668	15,199
20	16	98 895	28 066,219	438 671,896	15,630	15,161
21	17	98 837	26 337,662	410 605,677	15,590	15,121
22	18	98 778	24 715,520	384 268,015	15,548	15,079
23	19	98 714	23 191,871	359 552,494	15,503	15,035
24	20	98 649	21 762,203	336 360,624	15,456	14,987
25	21	98 583	20 420,334	314 598,421	15,406	14,937
26	22	98 519	19 161,624	294 178,087	15,352	14,884
27	23	98 456	17 980,498	275 016,463	15,295	14,827
28	24	98 382	16 870,526	257 035,964	15,236	14,767
29	25	98 315	15 830,026	240 165,438	15,172	14,703
30	26	98 240	14 852,593	224 335,413	15,104	14,635
31	27	98 165	13 935,350	209 482,820	15,032	14,564
32	28	98 076	13 072,973	195 547,470	14,958	14,489
33	29	97 983	12 263,434	182 474,497	14,880	14,411
34	30	97 888	11 503,807	170 211,063	14,796	14,327
35	31	97 780	10 789,794	158 707,256	14,709	14,240
36	32	97 662	10 119,037	147 917,463	14,618	14,149
37	33	97 541	9 489,718	137 798,426	14,521	14,052
38	34	97 415	8 899,015	128 308,708	14,418	13,950
39	35	97 275	8 343,848	119 409,694	14,311	13,842
40	36	97 130	7 822,899	111 065,846	14,198	13,729
41	37	96 962	7 332,774	103 242,947	14,080	13,611
42	38	96 789	6 872,950	95 910,173	13,955	13,486
43	39	96 588	6 440,084	89 037,223	13,825	13,357
44	40	96 373	6 033,528	82 597,139	13,690	13,221
45	41	96 134	5 651,274	76 563,610	13,548	13,079
46	42	95 865	5 291,473	70 912,336	13,401	12,933
47	43	95 576	4 953,551	65 620,863	13,247	12,778
48	44	95 252	4 635,484	60 667,312	13,088	12,619
49	45	94 890	4 336,019	56 031,828	12,922	12,454
50	46	94 487	4 054,054	51 695,809	12,752	12,283
51	47	94 035	3 788,416	47 641,755	12,576	12,107
52	48	93 537	3 538,385	43 853,339	12,394	11,925
53	49	92 974	3 302,433	40 314,954	12,208	11,739
54	50	92 343	3 079,825	37 012,521	12,018	11,549
55	51	91 647	2 870,068	33 932,696	11,823	11,354
56	52	90 883	2 672,414	31 062,629	11,623	11,155
57	53	90 040	2 486,051	28 390,214	11,420	10,951
58	54	89 117	2 310,386	25 904,164	11,212	10,743
59	55	88 099	2 144,592	23 593,777	11,002	10,533
60	56	86 995	1 988,464	21 449,185	10,787	10,318
61	57	85 810	1 841,665	19 460,721	10,567	10,098
62	58	84 528	1 703,434	17 619,056	10,343	9,875
63	59	83 135	1 573,103	15 915,622	10,117	9,649
64	60	81 652	1 450,748	14 342,519	9,886	9,418
65	61	80 052	1 335,518	12 891,770	9,653	9,184
66	62	78 381	1 227,829	11 556,252	9,412	8,943
67	63	76 632	1 127,155	10 328,423	9,163	8,695
68	64	74 760	1 032,516	9 201,268	8,911	8,443
69	65	72 827	944,433	8 168,752	8,649	8,181
70	66	70 753	861,534	7 224,319	8,385	7,917
71	67	68 564	783,920	6 362,784	8,117	7,648
72	68	66 243	711,160	5 578,864	7,845	7,376
73	69	63 852	643,652	4 867,704	7,563	7,094
74	70	61 352	580,706	4 224,052	7,274	6,805
75	71	58 730	521,967	3 643,346	6,980	6,511
76	72	55 972	467,091	3 121,380	6,683	6,214
77	73	53 089	415,992	2 654,289	6,381	5,912
78	74	50 111	368,690	2 238,297	6,071	5,602
79	75	46 976	324,531	1 869,607	5,761	5,292
80	76	43 671	283,287	1 545,077	5,454	4,985
81	77	40 215	244,948	1 261,790	5,151	4,683
82	78	36 622	209,446	1 016,842	4,855	4,386
83	79	32 931	176,845	807,396	4,566	4,097
84	80	29 146	146,967	630,551	4,290	3,822
85	81	25 355	120,048	483,585	4,028	3,560
86	82	21 632	96,169	363,537	3,780	3,311
87	83	18 078	75,461	267,368	3,543	3,074
88	84	14 763	57,865	191,907	3,316	2,848
89	85	11 739	43,204	134,042	3,103	2,634
90	86	9 073	31,353	90,839	2,897	2,429
91	87	6 782	22,006	59,486	2,703	2,234
92	88	4 862	14,813	37,479	2,530	2,061
93	89	3 339	9,551	22,666	2,373	1,904
94	90	2 194	5,894	13,115	2,225	1,757
95	91	1 358	3,426	7,222	2,108	1,639
96	92	808	1,913	3,796	1,985	1,516
97	93	451	1,003	1,883	1,878	1,409
98	94	236	0,493	0,881	1,786	1,318
99	95	115	0,226	0,388	1,715	1,246
100	96	53	0,098	0,162	1,648	1,179

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	72 680,282	1 164 003,964	16,015	15,547
6	1	99 264	68 028,894	1 091 323,682	16,042	15,573
7	2	99 231	63 855,514	1 023 294,788	16,025	15,556
8	3	99 210	59 946,041	959 439,274	16,005	15,536
9	4	99 191	56 276,072	899 493,233	15,984	15,515
10	5	99 174	52 832,328	843 217,161	15,960	15,492
11	6	99 158	49 600,285	790 384,832	15,935	15,466
12	7	99 143	46 565,813	740 784,548	15,908	15,440
13	8	99 130	43 718,187	694 218,735	15,879	15,411
14	9	99 115	41 043,474	650 500,548	15,849	15,380
15	10	99 096	38 531,325	609 457,074	15,817	15,348
16	11	99 076	36 172,067	570 925,749	15,784	15,315
17	12	99 043	33 953,105	534 753,683	15,750	15,281
18	13	99 006	31 868,980	500 800,578	15,714	15,246
19	14	98 959	29 909,890	468 931,598	15,678	15,209
20	15	98 908	28 069,731	439 021,709	15,640	15,172
21	16	98 851	26 341,379	410 951,978	15,601	15,132
22	17	98 793	24 719,140	384 610,599	15,559	15,090
23	18	98 734	23 196,595	359 891,459	15,515	15,046
24	19	98 668	21 766,405	336 694,865	15,469	15,000
25	20	98 601	20 424,116	314 928,460	15,419	14,951
26	21	98 536	19 164,797	294 504,345	15,367	14,898
27	22	98 473	17 983,610	275 339,548	15,311	14,842
28	23	98 404	16 874,188	257 355,937	15,251	14,783
29	24	98 332	15 832,710	240 481,750	15,189	14,720
30	25	98 259	14 855,363	224 649,039	15,122	14,654
31	26	98 184	13 938,062	209 793,676	15,052	14,583
32	27	98 097	13 075,829	195 855,614	14,978	14,510
33	28	98 007	12 266,493	182 779,786	14,901	14,432
34	29	97 913	11 506,785	170 513,293	14,819	14,350
35	30	97 809	10 792,998	159 006,508	14,732	14,264
36	31	97 693	10 122,268	148 213,510	14,642	14,174
37	32	97 575	9 493,012	138 091,242	14,547	14,078
38	33	97 450	8 902,184	128 598,230	14,446	13,977
39	34	97 313	8 347,113	119 696,046	14,340	13,871
40	35	97 169	7 826,049	111 348,933	14,228	13,759
41	36	97 008	7 336,214	103 522,884	14,111	13,642
42	37	96 834	6 876,114	96 186,670	13,989	13,520
43	38	96 645	6 443,858	89 310,556	13,860	13,391
44	39	96 430	6 037,125	82 866,698	13,726	13,257
45	40	96 200	5 655,112	76 829,573	13,586	13,117
46	41	95 938	5 295,513	71 174,461	13,441	12,972
47	42	95 655	4 957,664	65 878,948	13,288	12,820
48	43	95 338	4 639,659	60 921,283	13,131	12,662
49	44	94 987	4 340,446	56 281,624	12,967	12,498
50	45	94 592	4 058,567	51 941,178	12,798	12,329
51	46	94 154	3 793,233	47 882,611	12,623	12,154
52	47	93 672	3 543,464	44 089,378	12,442	11,974
53	48	93 123	3 307,724	40 545,914	12,258	11,789
54	49	92 511	3 085,414	37 238,190	12,069	11,600
55	50	91 828	2 875,735	34 152,776	11,876	11,407
56	51	91 084	2 678,330	31 277,041	11,678	11,209
57	52	90 262	2 492,170	28 598,711	11,475	11,007
58	53	89 362	2 316,718	26 106,541	11,269	10,800
59	54	88 365	2 151,066	23 789,823	11,060	10,591
60	55	87 284	1 995,074	21 638,756	10,846	10,377
61	56	86 121	1 848,354	19 643,682	10,628	10,159
62	57	84 867	1 710,262	17 795,328	10,405	9,936
63	58	83 503	1 580,072	16 085,066	10,180	9,711
64	59	82 048	1 457,790	14 504,994	9,950	9,481
65	60	80 486	1 342,757	13 047,205	9,717	9,248
66	61	78 822	1 234,737	11 704,448	9,479	9,011
67	62	77 100	1 134,046	10 469,710	9,232	8,763
68	63	75 256	1 039,360	9 335,664	8,982	8,513
69	64	73 362	951,366	8 296,304	8,720	8,252
70	65	71 325	868,493	7 344,938	8,457	7,988
71	66	69 168	790,828	6 476,445	8,189	7,721
72	67	66 891	718,122	5 685,617	7,917	7,449
73	68	64 511	650,295	4 967,495	7,639	7,170
74	69	62 045	587,267	4 317,200	7,351	6,883
75	70	59 455	528,405	3 729,933	7,059	6,590
76	71	56 732	473,430	3 201,529	6,762	6,294
77	72	53 865	422,074	2 728,099	6,464	5,995
78	73	50 899	374,488	2 306,025	6,158	5,689
79	74	47 794	330,179	1 931,537	5,850	5,381
80	75	44 520	288,793	1 601,358	5,545	5,076
81	76	41 113	250,413	1 312,564	5,242	4,773
82	77	37 540	214,695	1 062,151	4,947	4,479
83	78	33 884	181,958	847,455	4,657	4,189
84	79	30 139	151,970	665,497	4,379	3,910
85	80	26 368	124,843	513,527	4,113	3,645
86	81	22 629	100,602	388,685	3,864	3,395
87	82	19 036	79,462	288,083	3,625	3,157
88	83	15 673	61,433	208,622	3,396	2,927
89	84	12 585	46,317	147,189	3,178	2,709
90	85	9 832	33,977	100,872	2,969	2,500
91	86	7 444	24,154	66,895	2,770	2,301
92	87	5 409	16,481	42,741	2,593	2,125
93	88	3 772	10,790	26,261	2,434	1,965
94	89	2 525	6,781	15,471	2,281	1,813
95	90	1 594	4,020	8,689	2,161	1,693
96	91	970	2,297	4,669	2,033	1,564
97	92	555	1,234	2,372	1,921	1,453
98	93	299	0,623	1,137	1,825	1,356
99	94	151	0,296	0,514	1,740	1,271
100	95	71	0,131	0,219	1,674	1,205

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	68 237,966	1 091 911,382	16,002	15,533
7	1	99 254	63 870,271	1 023 673,416	16,027	15,559
8	2	99 222	59 953,181	959 803,145	16,009	15,540
9	3	99 202	56 282,777	899 849,964	15,988	15,519
10	4	99 183	52 837,133	843 567,187	15,965	15,497
11	5	99 166	49 604,005	790 730,054	15,941	15,472
12	6	99 150	46 568,878	741 126,049	15,915	15,446
13	7	99 135	43 720,342	694 557,171	15,886	15,418
14	8	99 121	41 046,015	650 836,829	15,856	15,388
15	9	99 103	38 533,818	609 790,814	15,825	15,356
16	10	99 082	36 174,210	571 256,995	15,792	15,323
17	11	99 050	33 955,634	535 082,785	15,758	15,290
18	12	99 014	31 871,502	501 127,152	15,723	15,255
19	13	98 968	29 912,454	469 255,650	15,688	15,219
20	14	98 918	28 072,676	439 343,197	15,650	15,181
21	15	98 863	26 344,675	411 270,520	15,611	15,142
22	16	98 807	24 722,628	384 925,845	15,570	15,101
23	17	98 748	23 199,991	360 203,217	15,526	15,057
24	18	98 688	21 770,838	337 003,226	15,480	15,011
25	19	98 621	20 428,059	315 232,388	15,431	14,963
26	20	98 554	19 168,346	294 804,329	15,380	14,911
27	21	98 489	17 986,588	275 635,983	15,325	14,856
28	22	98 421	16 877,108	257 649,395	15,266	14,797
29	23	98 353	15 836,147	240 772,286	15,204	14,735
30	24	98 275	14 857,882	224 936,140	15,139	14,670
31	25	98 202	13 940,661	210 078,258	15,069	14,601
32	26	98 116	13 078,374	196 137,596	14,997	14,528
33	27	98 028	12 269,173	183 059,223	14,920	14,452
34	28	97 937	11 509,655	170 790,050	14,839	14,370
35	29	97 834	10 795,792	159 280,395	14,754	14,285
36	30	97 722	10 125,274	148 484,603	14,665	14,196
37	31	97 606	9 496,043	138 359,329	14,570	14,101
38	32	97 484	8 905,275	128 863,285	14,470	14,002
39	33	97 348	8 350,086	119 958,010	14,366	13,897
40	34	97 207	7 829,111	111 607,925	14,256	13,787
41	35	97 047	7 339,168	103 778,814	14,140	13,672
42	36	96 879	6 879,340	96 439,646	14,019	13,550
43	37	96 689	6 446,825	89 560,306	13,892	13,423
44	38	96 487	6 040,662	83 113,481	13,759	13,290
45	39	96 257	5 658,483	77 072,819	13,621	13,152
46	40	96 003	5 299,110	71 414,336	13,477	13,008
47	41	95 728	4 961,449	66 115,226	13,326	12,857
48	42	95 417	4 643,513	61 153,777	13,170	12,701
49	43	95 073	4 344,356	56 510,264	13,008	12,539
50	44	94 688	4 062,711	52 165,908	12,840	12,371
51	45	94 259	3 797,455	48 103,197	12,667	12,198
52	46	93 791	3 547,969	44 305,742	12,488	12,019
53	47	93 257	3 312,473	40 757,773	12,304	11,836
54	48	92 659	3 090,357	37 445,300	12,117	11,648
55	49	91 995	2 880,954	34 354,943	11,925	11,456
56	50	91 264	2 683,619	31 473,989	11,728	11,259
57	51	90 462	2 497,687	28 790,370	11,527	11,058
58	52	89 581	2 322,420	26 292,684	11,321	10,853
59	53	88 607	2 156,961	23 970,263	11,113	10,644
60	54	87 548	2 001,097	21 813,302	10,901	10,432
61	55	86 408	1 854,499	19 812,205	10,683	10,215
62	56	85 175	1 716,473	17 957,706	10,462	9,993
63	57	83 838	1 586,406	16 241,233	10,238	9,769
64	58	82 412	1 464,248	14 654,827	10,008	9,540
65	59	80 877	1 349,274	13 190,580	9,776	9,307
66	60	79 249	1 241,430	11 841,306	9,538	9,070
67	61	77 534	1 140,427	10 599,876	9,295	8,826
68	62	75 716	1 045,714	9 459,448	9,046	8,577
69	63	73 848	957,672	8 413,734	8,786	8,317
70	64	71 848	874,868	7 456,062	8,522	8,054
71	65	69 727	797,216	6 581,194	8,255	7,786
72	66	67 481	724,450	5 783,978	7,984	7,515
73	67	65 142	656,661	5 059,528	7,705	7,236
74	68	62 685	593,328	4 402,867	7,421	6,952
75	69	60 127	534,375	3 809,540	7,129	6,660
76	70	57 431	479,269	3 275,165	6,834	6,365
77	71	54 596	427,802	2 795,896	6,535	6,067
78	72	51 643	379,963	2 368,094	6,232	5,764
79	73	48 545	335,372	1 988,131	5,928	5,459
80	74	45 295	293,820	1 652,759	5,625	5,156
81	75	41 912	255,281	1 358,939	5,323	4,855
82	76	38 377	219,486	1 103,658	5,028	4,560
83	77	34 733	186,519	884,172	4,740	4,272
84	78	31 010	156,364	697,653	4,462	3,993
85	79	27 266	129,093	541,289	4,193	3,724
86	80	23 533	104,620	412,197	3,940	3,471
87	81	19 913	83,124	307,577	3,700	3,231
88	82	16 504	64,689	224,452	3,470	3,001
89	83	13 361	49,173	159,763	3,249	2,780
90	84	10 541	36,425	110,590	3,036	2,567
91	85	8 067	26,175	74,165	2,833	2,365
92	86	5 937	18,089	47,990	2,653	2,184
93	87	4 196	12,005	29,901	2,491	2,022
94	88	2 852	7,661	17,896	2,336	1,867
95	89	1 834	4,626	10,235	2,212	1,744
96	90	1 138	2,696	5,609	2,081	1,612
97	91	667	1,482	2,913	1,965	1,496
98	92	367	0,767	1,431	1,865	1,396
99	93	191	0,374	0,663	1,775	1,306
100	94	93	0,171	0,290	1,697	1,228

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	64 066,562	1 024 216,031	15,987	15,518
8	1	99 245	59 967,036	960 149,469	16,011	15,543
9	2	99 214	56 289,480	900 182,433	15,992	15,523
10	3	99 194	52 843,429	843 892,952	15,970	15,501
11	4	99 175	49 608,516	791 049,524	15,946	15,477
12	5	99 157	46 572,371	741 441,008	15,920	15,451
13	6	99 142	43 723,220	694 868,637	15,892	15,424
14	7	99 126	41 048,038	651 145,417	15,863	15,394
15	8	99 109	38 536,204	610 097,378	15,832	15,363
16	9	99 088	36 176,551	571 561,174	15,799	15,330
17	10	99 056	33 957,646	535 384,623	15,766	15,298
18	11	99 021	31 873,876	501 426,977	15,732	15,263
19	12	98 976	29 914,820	469 553,102	15,696	15,228
20	13	98 927	28 075,083	439 638,281	15,659	15,191
21	14	98 874	26 347,439	411 563,198	15,621	15,152
22	15	98 819	24 725,721	385 215,759	15,580	15,111
23	16	98 762	23 203,266	360 490,038	15,536	15,067
24	17	98 703	21 774,026	337 286,772	15,490	15,022
25	18	98 641	20 432,220	315 512,746	15,442	14,973
26	19	98 573	19 172,047	295 080,526	15,391	14,922
27	20	98 507	17 989,919	275 908,479	15,337	14,868
28	21	98 437	16 879,903	257 918,560	15,280	14,811
29	22	98 370	15 838,887	241 038,657	15,218	14,749
30	23	98 297	14 861,107	225 199,770	15,154	14,685
31	24	98 219	13 943,026	210 338,663	15,086	14,617
32	25	98 135	13 080,813	196 395,637	15,014	14,545
33	26	98 048	12 271,560	183 314,824	14,938	14,469
34	27	97 959	11 512,170	171 043,264	14,858	14,389
35	28	97 859	10 798,485	159 531,094	14,773	14,305
36	29	97 747	10 127,895	148 732,609	14,685	14,217
37	30	97 635	9 498,864	138 604,714	14,592	14,123
38	31	97 515	8 908,118	129 105,850	14,493	14,024
39	32	97 381	8 352,985	120 197,732	14,390	13,921
40	33	97 241	7 831,899	111 844,747	14,281	13,812
41	34	97 085	7 342,039	104 012,848	14,167	13,698
42	35	96 918	6 882,110	96 670,809	14,047	13,578
43	36	96 735	6 449,849	89 788,699	13,921	13,452
44	37	96 531	6 043,444	83 338,850	13,790	13,321
45	38	96 313	5 661,799	77 295,406	13,652	13,183
46	39	96 060	5 302,268	71 633,607	13,510	13,041
47	40	95 793	4 964,819	66 331,339	13,360	12,892
48	41	95 490	4 647,058	61 366,520	13,205	12,737
49	42	95 152	4 347,964	56 719,462	13,045	12,576
50	43	94 774	4 066,371	52 371,499	12,879	12,410
51	44	94 355	3 801,333	48 305,128	12,707	12,239
52	45	93 895	3 551,919	44 503,795	12,530	12,061
53	46	93 376	3 316,684	40 951,876	12,347	11,878
54	47	92 792	3 094,794	37 635,193	12,161	11,692
55	48	92 142	2 885,569	34 540,399	11,970	11,501
56	49	91 429	2 688,489	31 654,829	11,774	11,305
57	50	90 640	2 502,618	28 966,341	11,574	11,106
58	51	89 780	2 327,562	26 463,722	11,370	10,901
59	52	88 825	2 162,271	24 136,161	11,162	10,694
60	53	87 788	2 006,581	21 973,890	10,951	10,482
61	54	86 669	1 860,097	19 967,309	10,735	10,266
62	55	85 458	1 722,180	18 107,212	10,514	10,045
63	56	84 142	1 592,167	16 385,032	10,291	9,822
64	57	82 742	1 470,117	14 792,865	10,062	9,594
65	58	81 235	1 355,251	13 322,748	9,830	9,362
66	59	79 634	1 247,455	11 967,497	9,594	9,125
67	60	77 954	1 146,608	10 720,041	9,349	8,881
68	61	76 142	1 051,598	9 573,433	9,104	8,635
69	62	74 300	963,527	8 521,835	8,844	8,376
70	63	72 324	880,667	7 558,308	8,582	8,114
71	64	70 238	803,068	6 677,641	8,315	7,846
72	65	68 026	730,301	5 874,573	8,044	7,575
73	66	65 716	662,447	5 144,272	7,766	7,297
74	67	63 299	599,136	4 481,824	7,480	7,012
75	68	60 747	539,889	3 882,688	7,192	6,723
76	69	58 080	484,684	3 342,799	6,897	6,428
77	70	55 270	433,078	2 858,115	6,600	6,131
78	71	52 344	385,120	2 425,036	6,297	5,828
79	72	49 255	340,275	2 039,916	5,995	5,526
80	73	46 007	298,441	1 699,641	5,695	5,226
81	74	42 641	259,725	1 401,200	5,395	4,926
82	75	39 123	223,752	1 141,476	5,102	4,633
83	76	35 508	190,680	917,723	4,813	4,344
84	77	31 787	160,283	727,043	4,536	4,067
85	78	28 054	132,825	566,760	4,267	3,798
86	79	24 334	108,182	433,935	4,011	3,542
87	80	20 709	86,444	325,753	3,768	3,300
88	81	17 265	67,671	239,309	3,536	3,068
89	82	14 069	51,780	171,638	3,315	2,846
90	83	11 191	38,672	119,858	3,099	2,631
91	84	8 648	28,061	81,186	2,893	2,424
92	85	6 434	19,603	53,125	2,710	2,241
93	86	4 606	13,176	33,523	2,544	2,075
94	87	3 173	8,524	20,346	2,387	1,918
95	88	2 072	5,226	11,822	2,262	1,793
96	89	1 310	3,102	6,596	2,127	1,658
97	90	782	1,740	3,495	2,009	1,540
98	91	441	0,921	1,755	1,904	1,436
99	92	235	0,460	0,833	1,812	1,343
100	93	117	0,216	0,373	1,730	1,261

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	60 151,332	960 650,460	15,971	15,502
9	1	99 237	56 302,489	900 499,128	15,994	15,525
10	2	99 206	52 849,722	844 196,639	15,974	15,505
11	3	99 187	49 614,427	791 346,917	15,950	15,481
12	4	99 166	46 576,606	741 732,490	15,925	15,456
13	5	99 149	43 726,499	695 155,884	15,898	15,429
14	6	99 132	41 050,741	651 429,384	15,869	15,400
15	7	99 114	38 538,104	610 378,644	15,838	15,370
16	8	99 094	36 178,791	571 840,540	15,806	15,337
17	9	99 062	33 959,843	535 661,749	15,773	15,305
18	10	99 027	31 875,764	501 701,906	15,739	15,271
19	11	98 983	29 917,049	469 826,141	15,704	15,236
20	12	98 934	28 077,304	439 909,093	15,668	15,199
21	13	98 882	26 349,698	411 831,788	15,629	15,161
22	14	98 829	24 728,316	385 482,090	15,589	15,120
23	15	98 774	23 206,169	360 753,774	15,546	15,077
24	16	98 717	21 777,099	337 547,605	15,500	15,031
25	17	98 655	20 435,212	315 770,507	15,452	14,984
26	18	98 593	19 175,952	295 335,295	15,401	14,933
27	19	98 526	17 993,392	276 159,343	15,348	14,879
28	20	98 455	16 883,029	258 165,950	15,291	14,823
29	21	98 386	15 841,510	241 282,921	15,231	14,762
30	22	98 314	14 863,679	225 441,411	15,167	14,699
31	23	98 240	13 946,052	210 577,732	15,099	14,631
32	24	98 151	13 083,031	196 631,680	15,030	14,561
33	25	98 066	12 273,849	183 548,649	14,954	14,486
34	26	97 978	11 514,410	171 274,800	14,875	14,406
35	27	97 880	10 800,844	159 760,390	14,791	14,323
36	28	97 772	10 130,421	148 959,546	14,704	14,235
37	29	97 661	9 501,323	138 829,124	14,612	14,143
38	30	97 544	8 910,764	129 327,802	14,514	14,045
39	31	97 413	8 355,652	120 417,037	14,411	13,943
40	32	97 275	7 834,618	112 061,386	14,303	13,835
41	33	97 119	7 344,654	104 226,767	14,191	13,722
42	34	96 956	6 884,802	96 882,113	14,072	13,603
43	35	96 774	6 452,446	89 997,311	13,948	13,479
44	36	96 576	6 046,278	83 544,865	13,818	13,349
45	37	96 358	5 664,406	77 498,586	13,682	13,213
46	38	96 117	5 305,375	71 834,180	13,540	13,071
47	39	95 850	4 967,778	66 528,805	13,392	12,923
48	40	95 555	4 650,214	61 561,027	13,238	12,770
49	41	95 224	4 351,283	56 910,813	13,079	12,610
50	42	94 852	4 069,748	52 559,530	12,915	12,446
51	43	94 440	3 804,757	48 489,782	12,745	12,276
52	44	93 991	3 555,546	44 685,025	12,568	12,099
53	45	93 480	3 320,376	41 129,479	12,387	11,918
54	46	92 910	3 098,728	37 809,103	12,201	11,733
55	47	92 275	2 889,712	34 710,375	12,012	11,543
56	48	91 576	2 692,796	31 820,663	11,817	11,348
57	49	90 805	2 507,160	29 127,867	11,618	11,149
58	50	89 957	2 332,157	26 620,707	11,415	10,946
59	51	89 022	2 167,057	24 288,550	11,208	10,739
60	52	88 004	2 011,520	22 121,493	10,997	10,529
61	53	86 906	1 865,195	20 109,973	10,782	10,313
62	54	85 716	1 727,379	18 244,778	10,562	10,093
63	55	84 422	1 597,460	16 517,399	10,340	9,871
64	56	83 043	1 475,456	14 919,939	10,112	9,643
65	57	81 561	1 360,684	13 444,483	9,881	9,412
66	58	79 987	1 252,982	12 083,799	9,644	9,175
67	59	78 332	1 152,173	10 830,817	9,400	8,932
68	60	76 555	1 057,298	9 678,644	9,154	8,685
69	61	74 718	968,948	8 621,346	8,898	8,429
70	62	72 766	886,051	7 652,398	8,637	8,168
71	63	70 704	808,391	6 766,346	8,370	7,901
72	64	68 525	735,662	5 957,956	8,099	7,630
73	65	66 247	667,798	5 222,293	7,820	7,351
74	66	63 857	604,416	4 554,495	7,535	7,067
75	67	61 342	545,175	3 950,080	7,246	6,777
76	68	58 680	489,686	3 404,905	6,953	6,484
77	69	55 894	437,971	2 915,219	6,656	6,187
78	70	52 989	389,870	2 477,247	6,354	5,885
79	71	49 923	344,893	2 087,377	6,052	5,583
80	72	46 680	302,804	1 742,484	5,754	5,286
81	73	43 312	263,809	1 439,680	5,457	4,989
82	74	39 804	227,647	1 175,871	5,165	4,697
83	75	36 198	194,387	948,224	4,878	4,409
84	76	32 497	163,859	753,837	4,601	4,132
85	77	28 757	136,154	589,977	4,333	3,864
86	78	25 038	111,309	453,823	4,077	3,608
87	79	21 414	89,387	342,514	3,832	3,363
88	80	17 955	70,374	253,126	3,597	3,128
89	81	14 718	54,166	182,752	3,374	2,905
90	82	11 784	40,722	128,586	3,158	2,689
91	83	9 181	29,791	87,864	2,949	2,481
92	84	6 898	21,015	58,073	2,763	2,295
93	85	4 991	14,279	37,057	2,595	2,126
94	86	3 483	9,355	22,778	2,435	1,966
95	87	2 305	5,814	13,423	2,309	1,840
96	88	1 480	3,504	7,608	2,171	1,703
97	89	900	2,002	4,104	2,050	1,581
98	90	518	1,081	2,102	1,944	1,475
99	91	282	0,552	1,021	1,848	1,379
100	92	144	0,266	0,469	1,763	1,295

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	56 475,523	900 961,707	15,953	15,484
10	1	99 229	52 861,936	844 486,185	15,975	15,507
11	2	99 199	49 620,336	791 624,249	15,954	15,485
12	3	99 178	46 582,156	742 003,913	15,929	15,460
13	4	99 158	43 730,476	695 421,757	15,902	15,434
14	5	99 140	41 053,819	651 691,281	15,874	15,405
15	6	99 120	38 540,641	610 637,462	15,844	15,375
16	7	99 099	36 180,574	572 096,821	15,812	15,344
17	8	99 069	33 961,946	535 916,247	15,780	15,311
18	9	99 033	31 877,827	501 954,301	15,746	15,277
19	10	98 989	29 918,821	470 076,474	15,712	15,243
20	11	98 942	28 079,396	440 157,652	15,675	15,207
21	12	98 890	26 351,783	412 078,256	15,638	15,169
22	13	98 838	24 730,436	385 726,473	15,597	15,128
23	14	98 785	23 208,604	360 996,037	15,554	15,086
24	15	98 729	21 779,824	337 787,433	15,509	15,040
25	16	98 669	20 438,096	316 007,610	15,462	14,993
26	17	98 608	19 178,760	295 569,514	15,411	14,943
27	18	98 546	17 997,057	276 390,754	15,358	14,889
28	19	98 474	16 886,289	258 393,696	15,302	14,833
29	20	98 405	15 844,444	241 507,408	15,242	14,774
30	21	98 330	14 866,140	225 662,964	15,180	14,711
31	22	98 257	13 948,466	210 796,824	15,113	14,644
32	23	98 173	13 085,871	196 848,358	15,043	14,574
33	24	98 082	12 275,931	183 762,488	14,969	14,501
34	25	97 996	11 516,558	171 486,557	14,890	14,422
35	26	97 899	10 802,946	159 970,000	14,808	14,339
36	27	97 793	10 132,635	149 167,053	14,721	14,253
37	28	97 685	9 503,693	139 034,418	14,630	14,161
38	29	97 569	8 913,071	129 530,726	14,533	14,064
39	30	97 442	8 358,134	120 617,655	14,431	13,962
40	31	97 306	7 837,120	112 259,521	14,324	13,855
41	32	97 153	7 347,204	104 422,402	14,213	13,744
42	33	96 991	6 887,255	97 075,197	14,095	13,626
43	34	96 812	6 454,971	90 187,943	13,972	13,503
44	35	96 615	6 048,713	83 732,972	13,843	13,374
45	36	96 403	5 667,063	77 684,259	13,708	13,239
46	37	96 161	5 307,818	72 017,196	13,568	13,099
47	38	95 907	4 970,689	66 709,378	13,421	12,952
48	39	95 612	4 652,986	61 738,689	13,269	12,800
49	40	95 289	4 354,238	57 085,703	13,110	12,642
50	41	94 925	4 072,855	52 731,465	12,947	12,478
51	42	94 519	3 807,917	48 658,610	12,778	12,310
52	43	94 076	3 558,748	44 850,693	12,603	12,134
53	44	93 575	3 323,766	41 291,945	12,423	11,954
54	45	93 013	3 102,178	37 968,179	12,239	11,770
55	46	92 392	2 893,386	34 866,001	12,050	11,582
56	47	91 707	2 696,662	31 972,615	11,856	11,388
57	48	90 950	2 511,177	29 275,953	11,658	11,190
58	49	90 120	2 336,390	26 764,776	11,456	10,987
59	50	89 198	2 171,336	24 428,387	11,250	10,782
60	51	88 198	2 015,973	22 257,051	11,040	10,572
61	52	87 120	1 869,786	20 241,078	10,825	10,357
62	53	85 951	1 732,113	18 371,292	10,606	10,138
63	54	84 677	1 602,283	16 639,179	10,385	9,916
64	55	83 319	1 480,361	15 036,897	10,158	9,689
65	56	81 857	1 365,626	13 556,535	9,927	9,458
66	57	80 307	1 258,004	12 190,910	9,691	9,222
67	58	78 679	1 157,278	10 932,906	9,447	8,978
68	59	76 926	1 062,430	9 775,628	9,201	8,732
69	60	75 123	974,200	8 713,199	8,944	8,475
70	61	73 176	891,037	7 738,998	8,685	8,217
71	62	71 136	813,333	6 847,962	8,420	7,951
72	63	68 979	740,538	6 034,629	8,149	7,680
73	64	66 733	672,700	5 294,090	7,870	7,401
74	65	64 372	609,297	4 621,390	7,585	7,116
75	66	61 882	549,979	4 012,093	7,295	6,826
76	67	59 254	494,480	3 462,114	7,002	6,533
77	68	56 471	442,491	2 967,634	6,707	6,238
78	69	53 588	394,275	2 525,142	6,405	5,936
79	70	50 539	349,147	2 130,867	6,103	5,634
80	71	47 313	306,914	1 781,720	5,805	5,337
81	72	43 945	267,666	1 474,807	5,510	5,041
82	73	40 430	231,227	1 207,141	5,221	4,752
83	74	36 828	197,771	975,914	4,935	4,466
84	75	33 128	167,045	778,143	4,658	4,190
85	76	29 399	139,192	611,098	4,390	3,922
86	77	25 665	114,099	471,906	4,136	3,667
87	78	22 033	91,972	357,807	3,890	3,422
88	79	18 566	72,770	265,835	3,653	3,184
89	80	15 306	56,330	193,065	3,427	2,959
90	81	12 327	42,599	136,735	3,210	2,741
91	82	9 668	31,371	94,136	3,001	2,532
92	83	7 323	22,311	62,766	2,813	2,344
93	84	5 351	15,308	40,454	2,643	2,174
94	85	3 774	10,138	25,146	2,480	2,012
95	86	2 530	6,382	15,008	2,352	1,883
96	87	1 646	3,899	8,626	2,213	1,744
97	88	1 017	2,262	4,728	2,090	1,622
98	89	596	1,244	2,466	1,982	1,513
99	90	331	0,648	1,222	1,884	1,416
100	91	173	0,319	0,573	1,797	1,328

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	53 024,395	844 913,328	15,934	15,466
11	1	99 221	49 631,803	791 888,933	15,955	15,487
12	2	99 190	46 587,704	742 257,129	15,932	15,464
13	3	99 170	43 735,686	695 669,426	15,906	15,437
14	4	99 149	41 057,553	651 933,739	15,879	15,410
15	5	99 128	38 543,531	610 876,186	15,849	15,380
16	6	99 106	36 182,956	572 332,655	15,818	15,349
17	7	99 073	33 963,620	536 149,699	15,786	15,317
18	8	99 040	31 879,801	502 186,079	15,752	15,284
19	9	98 995	29 920,758	470 306,278	15,718	15,250
20	10	98 948	28 081,060	440 385,520	15,683	15,214
21	11	98 897	26 353,746	412 304,461	15,645	15,176
22	12	98 846	24 732,393	385 950,715	15,605	15,136
23	13	98 793	23 210,594	361 218,322	15,563	15,094
24	14	98 739	21 782,109	338 007,728	15,518	15,049
25	15	98 681	20 440,653	316 225,619	15,470	15,002
26	16	98 622	19 181,467	295 784,966	15,420	14,952
27	17	98 561	17 999,693	276 603,499	15,367	14,898
28	18	98 494	16 889,728	258 603,807	15,311	14,843
29	19	98 424	15 847,503	241 714,079	15,253	14,784
30	20	98 348	14 868,893	225 866,576	15,191	14,722
31	21	98 273	13 950,775	210 997,682	15,124	14,656
32	22	98 190	13 088,135	197 046,907	15,055	14,587
33	23	98 104	12 278,595	183 958,772	14,982	14,513
34	24	98 013	11 518,511	171 680,177	14,905	14,436
35	25	97 917	10 804,961	160 161,666	14,823	14,354
36	26	97 812	10 134,607	149 356,705	14,737	14,269
37	27	97 706	9 505,769	139 222,098	14,646	14,177
38	28	97 593	8 915,294	129 716,329	14,550	14,081
39	29	97 467	8 360,297	120 801,035	14,449	13,981
40	30	97 335	7 839,448	112 440,738	14,343	13,874
41	31	97 184	7 349,550	104 601,290	14,232	13,764
42	32	97 024	6 889,646	97 251,740	14,116	13,647
43	33	96 846	6 457,270	90 362,095	13,994	13,525
44	34	96 653	6 051,080	83 904,825	13,866	13,397
45	35	96 442	5 669,345	77 853,745	13,732	13,264
46	36	96 206	5 310,308	72 184,400	13,593	13,125
47	37	95 951	4 972,978	66 874,093	13,447	12,979
48	38	95 668	4 655,712	61 901,115	13,296	12,827
49	39	95 346	4 356,834	57 245,402	13,139	12,670
50	40	94 989	4 075,621	52 888,568	12,977	12,508
51	41	94 591	3 810,824	48 812,948	12,809	12,340
52	42	94 154	3 561,704	45 002,124	12,635	12,166
53	43	93 659	3 326,760	41 440,420	12,457	11,988
54	44	93 108	3 105,346	38 113,660	12,274	11,805
55	45	92 495	2 896,606	35 008,314	12,086	11,617
56	46	91 824	2 700,090	32 111,708	11,893	11,424
57	47	91 081	2 514,782	29 411,618	11,695	11,227
58	48	90 265	2 340,133	26 896,836	11,494	11,025
59	49	89 360	2 175,276	24 556,703	11,289	10,820
60	50	88 373	2 019,953	22 381,426	11,080	10,611
61	51	87 313	1 873,925	20 361,473	10,866	10,397
62	52	86 163	1 736,376	18 487,548	10,647	10,178
63	53	84 909	1 606,674	16 751,172	10,426	9,957
64	54	83 570	1 484,830	15 144,498	10,199	9,731
65	55	82 129	1 370,166	13 659,668	9,969	9,501
66	56	80 599	1 262,573	12 289,502	9,734	9,265
67	57	78 995	1 161,916	11 026,929	9,490	9,022
68	58	77 267	1 067,136	9 865,013	9,244	8,776
69	59	75 487	978,928	8 797,877	8,987	8,519
70	60	73 573	895,866	7 818,948	8,728	8,259
71	61	71 536	817,909	6 923,082	8,464	7,996
72	62	69 401	745,066	6 105,173	8,194	7,725
73	63	67 176	677,159	5 360,107	7,916	7,447
74	64	64 845	613,770	4 682,948	7,630	7,161
75	65	62 382	554,421	4 069,178	7,340	6,871
76	66	59 776	498,837	3 514,757	7,046	6,577
77	67	57 024	446,823	3 015,919	6,750	6,281
78	68	54 141	398,344	2 569,096	6,449	5,981
79	69	51 110	353,092	2 170,752	6,148	5,679
80	70	47 897	310,699	1 817,660	5,850	5,381
81	71	44 542	271,299	1 506,961	5,555	5,086
82	72	41 021	234,608	1 235,662	5,267	4,798
83	73	37 407	200,881	1 001,055	4,983	4,515
84	74	33 705	169,952	800,174	4,708	4,239
85	75	29 970	141,898	630,222	4,441	3,973
86	76	26 238	116,645	488,324	4,186	3,718
87	77	22 585	94,277	371,678	3,942	3,474
88	78	19 103	74,874	277,401	3,705	3,236
89	79	15 827	58,248	202,528	3,477	3,008
90	80	12 819	44,300	144,280	3,257	2,788
91	81	10 114	32,817	99,980	3,047	2,578
92	82	7 711	23,494	67,163	2,859	2,390
93	83	5 681	16,252	43,669	2,687	2,218
94	84	4 046	10,869	27,417	2,523	2,054
95	85	2 742	6,916	16,548	2,393	1,924
96	86	1 807	4,279	9,632	2,251	1,782
97	87	1 132	2,516	5,353	2,128	1,659
98	88	673	1,406	2,837	2,018	1,549
99	89	380	0,746	1,431	1,919	1,450
100	90	203	0,375	0,685	1,830	1,361

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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9						
10						
11	0	99 526	49 784,336	792 283,394	15,914	15,446
12	1	99 213	46 598,471	742 499,058	15,934	15,465
13	2	99 182	43 740,895	695 900,588	15,910	15,441
14	3	99 161	41 062,445	652 159,693	15,882	15,413
15	4	99 137	38 547,037	611 097,248	15,853	15,385
16	5	99 113	36 185,670	572 550,211	15,823	15,354
17	6	99 080	33 965,856	536 364,541	15,791	15,323
18	7	99 044	31 881,372	502 398,685	15,758	15,290
19	8	99 002	29 922,610	470 517,313	15,724	15,256
20	9	98 954	28 082,877	440 594,703	15,689	15,220
21	10	98 903	26 355,308	412 511,826	15,652	15,183
22	11	98 853	24 734,235	386 156,518	15,612	15,143
23	12	98 801	23 212,430	361 422,283	15,570	15,101
24	13	98 748	21 783,977	338 209,853	15,526	15,057
25	14	98 692	20 442,798	316 425,877	15,479	15,010
26	15	98 634	19 183,867	295 983,079	15,429	14,960
27	16	98 575	18 002,233	276 799,212	15,376	14,907
28	17	98 509	16 892,201	258 796,979	15,321	14,852
29	18	98 444	15 850,731	241 904,778	15,261	14,793
30	19	98 367	14 871,764	226 054,047	15,200	14,731
31	20	98 292	13 953,359	211 182,283	15,135	14,666
32	21	98 206	13 090,303	197 228,924	15,067	14,598
33	22	98 121	12 280,720	184 138,621	14,994	14,525
34	23	98 034	11 521,011	171 857,901	14,917	14,448
35	24	97 934	10 806,794	160 336,891	14,837	14,368
36	25	97 830	10 136,497	149 530,097	14,752	14,283
37	26	97 725	9 507,619	139 393,600	14,661	14,193
38	27	97 615	8 917,242	129 885,981	14,566	14,097
39	28	97 491	8 362,383	120 968,739	14,466	13,997
40	29	97 360	7 841,477	112 606,357	14,360	13,892
41	30	97 213	7 351,733	104 764,880	14,250	13,782
42	31	97 055	6 891,845	97 413,147	14,135	13,666
43	32	96 880	6 459,512	90 521,301	14,014	13,545
44	33	96 687	6 053,235	84 061,790	13,887	13,418
45	34	96 480	5 671,563	78 008,555	13,754	13,286
46	35	96 245	5 312,446	72 336,992	13,617	13,148
47	36	95 996	4 975,311	67 024,546	13,471	13,003
48	37	95 712	4 657,856	62 049,235	13,321	12,853
49	38	95 402	4 359,387	57 391,379	13,165	12,696
50	39	95 046	4 078,050	53 031,992	13,004	12,536
51	40	94 655	3 813,412	48 953,942	12,837	12,369
52	41	94 226	3 564,423	45 140,530	12,664	12,195
53	42	93 737	3 329,523	41 576,107	12,487	12,018
54	43	93 192	3 108,143	38 246,584	12,305	11,837
55	44	92 589	2 899,564	35 138,442	12,119	11,650
56	45	91 926	2 703,096	32 238,877	11,927	11,458
57	46	91 197	2 517,979	29 535,781	11,730	11,261
58	47	90 394	2 343,492	27 017,802	11,529	11,060
59	48	89 503	2 178,762	24 674,310	11,325	10,856
60	49	88 533	2 023,619	22 495,549	11,116	10,648
61	50	87 485	1 877,625	20 471,930	10,903	10,434
62	51	86 353	1 740,220	18 594,304	10,685	10,216
63	52	85 118	1 610,629	16 854,085	10,464	9,996
64	53	83 799	1 488,899	15 243,456	10,238	9,769
65	54	82 377	1 374,302	13 754,557	10,008	9,540
66	55	80 867	1 266,770	12 380,255	9,773	9,304
67	56	79 282	1 166,136	11 113,485	9,530	9,061
68	57	77 577	1 071,414	9 947,348	9,284	8,816
69	58	75 822	983,265	8 875,934	9,027	8,558
70	59	73 930	900,214	7 892,669	8,768	8,299
71	60	71 924	822,343	6 992,455	8,503	8,034
72	61	69 792	749,258	6 170,112	8,235	7,766
73	62	67 586	681,299	5 420,854	7,957	7,488
74	63	65 275	617,838	4 739,555	7,671	7,202
75	64	62 840	558,491	4 121,717	7,380	6,911
76	65	60 259	502,867	3 563,226	7,086	6,617
77	66	57 526	450,761	3 060,360	6,789	6,321
78	67	54 671	402,244	2 609,599	6,488	6,019
79	68	51 638	356,736	2 207,355	6,188	5,719
80	69	48 438	314,210	1 850,619	5,890	5,421
81	70	45 091	274,645	1 536,410	5,594	5,125
82	71	41 578	237,792	1 261,765	5,306	4,837
83	72	37 954	203,818	1 023,973	5,024	4,555
84	73	34 235	172,625	820,156	4,751	4,282
85	74	30 492	144,368	647,531	4,485	4,017
86	75	26 748	118,913	503,163	4,231	3,763
87	76	23 089	96,381	384,250	3,987	3,518
88	77	19 582	76,750	287,870	3,751	3,282
89	78	16 284	59,932	211,119	3,523	3,054
90	79	13 256	45,808	151,187	3,300	2,832
91	80	10 518	34,127	105,379	3,088	2,619
92	81	8 067	24,577	71,252	2,899	2,430
93	82	5 982	17,114	46,675	2,727	2,259
94	83	4 296	11,539	29,561	2,562	2,093
95	84	2 940	7,414	18,022	2,431	1,962
96	85	1 958	4,637	10,608	2,288	1,819
97	86	1 242	2,762	5,971	2,162	1,693
98	87	749	1,564	3,209	2,052	1,583
99	88	430	0,843	1,645	1,952	1,483
100	89	234	0,431	0,802	1,861	1,393

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	46 741,681	742 863,378	15,893	15,424
13	1	99 205	43 751,004	696 121,697	15,911	15,442
14	2	99 172	41 067,335	652 370,693	15,885	15,417
15	3	99 149	38 551,630	611 303,358	15,857	15,388
16	4	99 122	36 188,961	572 751,729	15,827	15,358
17	5	99 087	33 968,403	536 562,768	15,796	15,327
18	6	99 051	31 883,471	502 594,365	15,763	15,295
19	7	99 006	29 924,085	470 710,893	15,730	15,261
20	8	98 960	28 084,616	440 786,808	15,695	15,226
21	9	98 909	26 357,013	412 702,192	15,658	15,189
22	10	98 859	24 735,701	386 345,180	15,619	15,150
23	11	98 808	23 214,159	361 609,479	15,577	15,108
24	12	98 756	21 785,700	338 395,320	15,533	15,064
25	13	98 700	20 444,550	316 609,619	15,486	15,018
26	14	98 644	19 185,880	296 165,069	15,437	14,968
27	15	98 587	18 004,485	276 979,189	15,384	14,915
28	16	98 523	16 894,585	258 974,704	15,329	14,860
29	17	98 458	15 853,052	242 080,118	15,270	14,802
30	18	98 387	14 874,793	226 227,066	15,209	14,740
31	19	98 311	13 956,053	211 352,273	15,144	14,675
32	20	98 224	13 092,727	197 396,220	15,077	14,608
33	21	98 137	12 282,754	184 303,493	15,005	14,536
34	22	98 051	11 523,005	172 020,740	14,928	14,460
35	23	97 955	10 809,139	160 497,735	14,848	14,380
36	24	97 847	10 138,216	149 688,596	14,765	14,296
37	25	97 744	9 509,392	139 550,381	14,675	14,206
38	26	97 634	8 918,977	130 040,988	14,580	14,112
39	27	97 512	8 364,210	121 122,011	14,481	14,012
40	28	97 385	7 843,433	112 757,801	14,376	13,907
41	29	97 238	7 353,636	104 914,369	14,267	13,798
42	30	97 084	6 893,893	97 560,733	14,152	13,683
43	31	96 911	6 461,574	90 666,840	14,032	13,563
44	32	96 721	6 055,336	84 205,266	13,906	13,437
45	33	96 514	5 673,583	78 149,929	13,774	13,306
46	34	96 282	5 314,525	72 476,346	13,637	13,169
47	35	96 034	4 977,314	67 161,822	13,494	13,025
48	36	95 757	4 660,041	62 184,508	13,344	12,875
49	37	95 446	4 361,394	57 524,467	13,189	12,721
50	38	95 102	4 080,440	53 163,073	13,029	12,560
51	39	94 711	3 815,685	49 082,633	12,863	12,395
52	40	94 290	3 566,844	45 266,948	12,691	12,222
53	41	93 809	3 332,065	41 700,104	12,515	12,046
54	42	93 270	3 110,724	38 368,039	12,334	11,865
55	43	92 673	2 902,176	35 257,315	12,149	11,680
56	44	92 020	2 705,856	32 355,139	11,957	11,489
57	45	91 298	2 520,782	29 649,283	11,762	11,293
58	46	90 509	2 346,472	27 128,501	11,561	11,093
59	47	89 631	2 181,889	24 782,030	11,358	10,889
60	48	88 675	2 026,861	22 600,140	11,150	10,682
61	49	87 644	1 881,033	20 573,279	10,937	10,468
62	50	86 524	1 743,656	18 692,246	10,720	10,251
63	51	85 306	1 614,194	16 948,591	10,500	10,031
64	52	84 006	1 492,564	15 334,397	10,274	9,805
65	53	82 603	1 378,068	13 841,832	10,044	9,576
66	54	81 111	1 270,594	12 463,764	9,809	9,341
67	55	79 545	1 170,013	11 193,170	9,567	9,098
68	56	77 858	1 075,305	10 023,157	9,321	8,852
69	57	76 126	987,206	8 947,852	9,064	8,595
70	58	74 257	904,202	7 960,645	8,804	8,335
71	59	72 273	826,334	7 056,443	8,539	8,071
72	60	70 170	753,319	6 230,109	8,270	7,801
73	61	67 967	685,132	5 476,790	7,994	7,525
74	62	65 674	621,616	4 791,658	7,708	7,240
75	63	63 257	562,193	4 170,042	7,417	6,949
76	64	60 701	506,558	3 607,849	7,122	6,654
77	65	57 991	454,401	3 101,291	6,825	6,356
78	66	55 153	405,788	2 646,890	6,523	6,054
79	67	52 143	360,228	2 241,102	6,221	5,753
80	68	48 938	317,452	1 880,874	5,925	5,456
81	69	45 600	277,748	1 563,421	5,629	5,160
82	70	42 091	240,725	1 285,674	5,341	4,872
83	71	38 469	206,584	1 044,949	5,058	4,589
84	72	34 736	175,149	838,365	4,787	4,318
85	73	30 972	146,638	663,216	4,523	4,054
86	74	27 214	120,982	516,578	4,270	3,801
87	75	23 538	98,254	395,596	4,026	3,558
88	76	20 018	78,463	297,341	3,790	3,321
89	77	16 693	61,434	218,878	3,563	3,094
90	78	13 639	47,133	157,444	3,340	2,872
91	79	10 876	35,289	110,312	3,126	2,657
92	80	8 389	25,559	75,023	2,935	2,467
93	81	6 258	17,902	49,464	2,763	2,294
94	82	4 523	12,151	31,562	2,597	2,129
95	83	3 121	7,872	19,411	2,466	1,997
96	84	2 099	4,971	11,539	2,321	1,852
97	85	1 346	2,993	6,568	2,195	1,726
98	86	822	1,717	3,575	2,083	1,614
99	87	478	0,938	1,858	1,982	1,513
100	88	264	0,487	0,921	1,891	1,423

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
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11						
12						
13	0	99 510	43 885,463	696 458,221	15,870	15,401
14	1	99 195	41 076,826	652 572,758	15,887	15,418
15	2	99 160	38 556,221	611 495,932	15,860	15,391
16	3	99 134	36 193,273	572 939,711	15,830	15,361
17	4	99 096	33 971,492	536 746,439	15,800	15,331
18	5	99 058	31 885,862	502 774,946	15,768	15,299
19	6	99 013	29 926,055	470 889,084	15,735	15,266
20	7	98 965	28 086,000	440 963,028	15,700	15,232
21	8	98 916	26 358,645	412 877,028	15,664	15,195
22	9	98 865	24 737,301	386 518,383	15,625	15,156
23	10	98 814	23 215,535	361 781,082	15,584	15,115
24	11	98 763	21 787,323	338 565,547	15,540	15,071
25	12	98 708	20 446,168	316 778,224	15,493	15,025
26	13	98 653	19 187,525	296 332,056	15,444	14,975
27	14	98 597	18 006,375	277 144,531	15,391	14,923
28	15	98 535	16 896,699	259 138,156	15,337	14,868
29	16	98 472	15 855,289	242 241,457	15,278	14,810
30	17	98 402	14 876,971	226 386,168	15,217	14,748
31	18	98 331	13 958,895	211 509,197	15,152	14,684
32	19	98 243	13 095,255	197 550,301	15,086	14,617
33	20	98 155	12 285,028	184 455,047	15,015	14,546
34	21	98 067	11 524,913	172 170,018	14,939	14,470
35	22	97 972	10 811,010	160 645,106	14,859	14,391
36	23	97 868	10 140,416	149 834,096	14,776	14,307
37	24	97 760	9 511,005	139 693,680	14,688	14,219
38	25	97 652	8 920,641	130 182,675	14,593	14,125
39	26	97 531	8 365,837	121 262,034	14,495	14,026
40	27	97 406	7 845,146	112 896,197	14,391	13,922
41	28	97 262	7 355,470	105 051,050	14,282	13,813
42	29	97 109	6 895,677	97 695,580	14,168	13,699
43	30	96 939	6 463,493	90 799,903	14,048	13,579
44	31	96 752	6 057,270	84 336,410	13,923	13,454
45	32	96 547	5 675,553	78 279,140	13,792	13,324
46	33	96 317	5 316,417	72 603,587	13,656	13,188
47	34	96 072	4 979,261	67 287,170	13,513	13,045
48	35	95 796	4 661,917	62 307,908	13,365	12,897
49	36	95 490	4 363,440	57 645,991	13,211	12,742
50	37	95 145	4 082,319	53 282,551	13,052	12,583
51	38	94 767	3 817,921	49 200,232	12,887	12,418
52	39	94 346	3 568,970	45 382,311	12,716	12,247
53	40	93 872	3 334,328	41 813,341	12,540	12,072
54	41	93 341	3 113,099	38 479,014	12,360	11,892
55	42	92 750	2 904,586	35 365,915	12,176	11,707
56	43	92 103	2 708,293	32 461,329	11,986	11,517
57	44	91 392	2 523,356	29 753,035	11,791	11,322
58	45	90 610	2 349,084	27 229,679	11,592	11,123
59	46	89 745	2 184,663	24 880,595	11,389	10,920
60	47	88 802	2 029,771	22 695,932	11,182	10,713
61	48	87 784	1 884,046	20 666,161	10,969	10,500
62	49	86 681	1 746,820	18 782,115	10,752	10,283
63	50	85 475	1 617,381	17 035,295	10,533	10,064
64	51	84 191	1 495,868	15 417,913	10,307	9,838
65	52	82 806	1 381,460	13 922,045	10,078	9,609
66	53	81 334	1 274,077	12 540,585	9,843	9,374
67	54	79 785	1 173,545	11 266,509	9,600	9,132
68	55	78 117	1 078,880	10 092,963	9,355	8,886
69	56	76 402	990,792	9 014,084	9,098	8,629
70	57	74 555	907,827	8 023,292	8,838	8,369
71	58	72 593	829,995	7 115,465	8,573	8,104
72	59	70 510	756,975	6 285,470	8,303	7,835
73	60	68 335	688,846	5 528,495	8,026	7,557
74	61	66 043	625,113	4 839,649	7,742	7,273
75	62	63 643	565,630	4 214,536	7,451	6,982
76	63	61 104	509,915	3 648,906	7,156	6,687
77	64	58 417	457,737	3 138,991	6,858	6,389
78	65	55 598	409,066	2 681,254	6,555	6,086
79	66	52 603	363,403	2 272,188	6,253	5,784
80	67	49 417	320,560	1 908,785	5,955	5,486
81	68	46 071	280,614	1 588,225	5,660	5,191
82	69	42 566	243,444	1 307,611	5,371	4,903
83	70	38 944	209,132	1 064,167	5,088	4,620
84	71	35 207	177,526	855,035	4,816	4,348
85	72	31 424	148,782	677,509	4,554	4,085
86	73	27 642	122,885	528,727	4,303	3,834
87	74	23 948	99,964	405,842	4,060	3,591
88	75	20 408	79,988	305,877	3,824	3,355
89	76	17 065	62,805	225,889	3,597	3,128
90	77	13 981	48,314	163,085	3,376	2,907
91	78	11 190	36,310	114,771	3,161	2,692
92	79	8 674	26,429	78,461	2,969	2,500
93	80	6 508	18,617	52,032	2,795	2,326
94	81	4 732	12,711	33,415	2,629	2,160
95	82	3 286	8,289	20,704	2,498	2,029
96	83	2 228	5,278	12,415	2,352	1,884
97	84	1 443	3,209	7,137	2,224	1,756
98	85	891	1,860	3,929	2,112	1,643
99	86	525	1,029	2,068	2,010	1,541
100	87	294	0,542	1,039	1,919	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14	0	99 500	41 203,067	652 883,644	15,846	15,377
15	1	99 183	38 565,132	611 680,577	15,861	15,392
16	2	99 146	36 197,583	573 115,445	15,833	15,364
17	3	99 108	33 975,540	536 917,862	15,803	15,334
18	4	99 067	31 888,762	502 942,322	15,772	15,303
19	5	99 020	29 928,300	471 053,560	15,739	15,271
20	6	98 972	28 087,849	441 125,260	15,705	15,236
21	7	98 920	26 359,944	413 037,411	15,669	15,200
22	8	98 871	24 738,833	386 677,467	15,630	15,162
23	9	98 821	23 217,037	361 938,634	15,589	15,121
24	10	98 769	21 788,614	338 721,597	15,546	15,077
25	11	98 715	20 447,691	316 932,983	15,500	15,031
26	12	98 660	19 189,043	296 485,292	15,451	14,982
27	13	98 606	18 007,919	277 296,249	15,399	14,930
28	14	98 545	16 898,472	259 288,330	15,344	14,875
29	15	98 484	15 857,273	242 389,858	15,286	14,817
30	16	98 416	14 879,071	226 532,585	15,225	14,756
31	17	98 345	13 960,940	211 653,514	15,160	14,692
32	18	98 263	13 097,922	197 692,575	15,093	14,625
33	19	98 174	12 287,400	184 594,653	15,023	14,554
34	20	98 085	11 527,047	172 307,253	14,948	14,479
35	21	97 988	10 812,800	160 780,206	14,869	14,401
36	22	97 885	10 142,171	149 967,406	14,787	14,318
37	23	97 781	9 513,069	139 825,234	14,698	14,229
38	24	97 669	8 922,153	130 312,165	14,605	14,137
39	25	97 550	8 367,398	121 390,012	14,507	14,039
40	26	97 425	7 846,673	113 022,614	14,404	13,935
41	27	97 284	7 357,077	105 175,941	14,296	13,827
42	28	97 133	6 897,397	97 818,863	14,182	13,713
43	29	96 965	6 465,166	90 921,466	14,063	13,595
44	30	96 781	6 059,069	84 456,300	13,939	13,470
45	31	96 578	5 677,365	78 397,231	13,809	13,340
46	32	96 350	5 318,263	72 719,866	13,674	13,205
47	33	96 106	4 981,035	67 401,603	13,532	13,063
48	34	95 833	4 663,741	62 420,568	13,384	12,915
49	35	95 529	4 365,197	57 756,827	13,231	12,762
50	36	95 190	4 084,234	53 391,630	13,073	12,604
51	37	94 811	3 819,679	49 307,396	12,909	12,440
52	38	94 401	3 571,061	45 487,717	12,738	12,269
53	39	93 928	3 336,315	41 916,656	12,564	12,095
54	40	93 404	3 115,213	38 580,341	12,384	11,916
55	41	92 821	2 906,804	35 465,128	12,201	11,732
56	42	92 179	2 710,543	32 558,324	12,012	11,543
57	43	91 474	2 525,629	29 847,781	11,818	11,349
58	44	90 702	2 351,482	27 322,152	11,619	11,150
59	45	89 845	2 187,095	24 970,670	11,417	10,949
60	46	88 915	2 032,351	22 783,575	11,210	10,742
61	47	87 910	1 886,751	20 751,223	10,998	10,530
62	48	86 820	1 749,619	18 864,472	10,782	10,313
63	49	85 630	1 620,316	17 114,853	10,563	10,094
64	50	84 358	1 498,822	15 494,537	10,338	9,869
65	51	82 990	1 384,518	13 995,715	10,109	9,640
66	52	81 534	1 277,212	12 611,197	9,874	9,405
67	53	80 004	1 176,761	11 333,984	9,632	9,163
68	54	78 353	1 082,137	10 157,223	9,386	8,918
69	55	76 656	994,086	9 075,087	9,129	8,660
70	56	74 826	911,124	8 081,001	8,869	8,401
71	57	72 884	833,322	7 169,877	8,604	8,135
72	58	70 823	760,329	6 336,555	8,334	7,865
73	59	68 667	692,189	5 576,227	8,056	7,587
74	60	66 401	628,501	4 884,037	7,771	7,302
75	61	64 001	568,812	4 255,536	7,481	7,013
76	62	61 477	513,033	3 686,724	7,186	6,717
77	63	58 804	460,771	3 173,691	6,888	6,419
78	64	56 007	412,069	2 712,920	6,584	6,115
79	65	53 027	366,338	2 300,851	6,281	5,812
80	66	49 853	323,385	1 934,513	5,982	5,513
81	67	46 522	283,361	1 611,128	5,686	5,217
82	68	43 006	245,957	1 327,767	5,398	4,930
83	69	39 384	211,495	1 081,810	5,115	4,646
84	70	35 641	179,715	870,316	4,843	4,374
85	71	31 851	150,801	690,600	4,580	4,111
86	72	28 046	124,682	539,799	4,329	3,861
87	73	24 324	101,536	415,117	4,088	3,620
88	74	20 763	81,380	313,581	3,853	3,385
89	75	17 397	64,026	232,200	3,627	3,158
90	76	14 293	49,392	168,175	3,405	2,936
91	77	11 471	37,220	118,783	3,191	2,723
92	78	8 925	27,193	81,563	2,999	2,531
93	79	6 729	19,251	54,370	2,824	2,356
94	80	4 921	13,219	35,119	2,657	2,188
95	81	3 438	8,671	21,900	2,526	2,057
96	82	2 347	5,558	13,229	2,380	1,912
97	83	1 532	3,406	7,672	2,252	1,783
98	84	955	1,994	4,265	2,139	1,670
99	85	569	1,115	2,271	2,036	1,568
100	86	323	0,595	1,156	1,944	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	38 683,653	611 967,810	15,820	15,351
16	1	99 168	36 205,949	573 284,157	15,834	15,365
17	2	99 120	33 979,587	537 078,209	15,806	15,337
18	3	99 079	31 892,562	503 098,622	15,775	15,306
19	4	99 029	29 931,021	471 206,060	15,743	15,274
20	5	98 979	28 089,956	441 275,039	15,709	15,241
21	6	98 927	26 361,680	413 185,083	15,674	15,205
22	7	98 876	24 740,053	386 823,404	15,636	15,167
23	8	98 827	23 218,475	362 083,351	15,595	15,126
24	9	98 775	21 790,024	338 864,876	15,551	15,083
25	10	98 721	20 448,903	317 074,852	15,506	15,037
26	11	98 668	19 190,472	296 625,950	15,457	14,988
27	12	98 614	18 009,343	277 435,477	15,405	14,936
28	13	98 554	16 899,921	259 426,134	15,351	14,882
29	14	98 495	15 858,937	242 526,213	15,293	14,824
30	15	98 428	14 880,933	226 667,276	15,232	14,763
31	16	98 359	13 962,910	211 786,344	15,168	14,699
32	17	98 277	13 099,840	197 823,434	15,101	14,632
33	18	98 194	12 289,903	184 723,594	15,031	14,562
34	19	98 104	11 529,273	172 433,691	14,956	14,487
35	20	98 006	10 814,802	160 904,418	14,878	14,409
36	21	97 901	10 143,851	150 089,616	14,796	14,327
37	22	97 798	9 514,716	139 945,765	14,708	14,240
38	23	97 690	8 924,090	130 431,050	14,616	14,147
39	24	97 566	8 368,817	121 506,960	14,519	14,050
40	25	97 443	7 848,137	113 138,143	14,416	13,947
41	26	97 302	7 358,509	105 290,006	14,309	13,840
42	27	97 155	6 898,904	97 931,497	14,195	13,726
43	28	96 989	6 466,779	91 032,593	14,077	13,608
44	29	96 806	6 060,637	84 565,814	13,953	13,485
45	30	96 607	5 679,051	78 505,177	13,824	13,355
46	31	96 381	5 319,961	72 826,125	13,689	13,220
47	32	96 140	4 982,764	67 506,164	13,548	13,079
48	33	95 867	4 665,402	62 523,400	13,402	12,933
49	34	95 566	4 366,905	57 857,998	13,249	12,780
50	35	95 228	4 085,878	53 491,093	13,092	12,623
51	36	94 855	3 821,471	49 405,215	12,928	12,460
52	37	94 445	3 572,705	45 583,744	12,759	12,290
53	38	93 983	3 338,270	42 011,039	12,585	12,116
54	39	93 460	3 117,070	38 672,768	12,407	11,938
55	40	92 884	2 908,778	35 555,698	12,224	11,755
56	41	92 250	2 712,612	32 646,920	12,035	11,566
57	42	91 550	2 527,726	29 934,308	11,842	11,374
58	43	90 784	2 353,601	27 406,582	11,645	11,176
59	44	89 937	2 189,328	25 052,982	11,443	10,974
60	45	89 014	2 034,614	22 863,653	11,237	10,769
61	46	88 022	1 889,150	20 829,039	11,026	10,557
62	47	86 945	1 752,131	18 939,890	10,810	10,341
63	48	85 767	1 622,912	17 187,759	10,591	10,122
64	49	84 511	1 501,542	15 564,847	10,366	9,897
65	50	83 153	1 387,252	14 063,305	10,138	9,669
66	51	81 714	1 280,040	12 676,053	9,903	9,434
67	52	80 201	1 179,658	11 396,013	9,660	9,192
68	53	78 568	1 085,102	10 216,355	9,415	8,946
69	54	76 888	997,087	9 131,253	9,158	8,689
70	55	75 074	914,153	8 134,166	8,898	8,429
71	56	73 149	836,348	7 220,013	8,633	8,164
72	57	71 107	763,376	6 383,665	8,362	7,894
73	58	68 971	695,256	5 620,289	8,084	7,615
74	59	66 724	631,552	4 925,033	7,798	7,330
75	60	64 348	571,895	4 293,481	7,507	7,039
76	61	61 823	515,920	3 721,586	7,213	6,745
77	62	59 163	463,588	3 205,666	6,915	6,446
78	63	56 378	414,800	2 742,078	6,611	6,142
79	64	53 417	369,027	2 327,278	6,307	5,838
80	65	50 255	325,997	1 958,251	6,007	5,538
81	66	46 932	285,858	1 632,255	5,710	5,241
82	67	43 427	248,365	1 346,396	5,421	4,952
83	68	39 790	213,677	1 098,032	5,139	4,670
84	69	36 044	181,746	884,354	4,866	4,397
85	70	32 244	152,661	702,608	4,602	4,134
86	71	28 427	126,374	549,947	4,352	3,883
87	72	24 680	103,021	423,573	4,112	3,643
88	73	21 089	82,660	320,552	3,878	3,409
89	74	17 700	65,140	237,892	3,652	3,183
90	75	14 571	50,352	172,752	3,431	2,962
91	76	11 727	38,050	122,400	3,217	2,748
92	77	9 149	27,874	84,350	3,026	2,557
93	78	6 924	19,808	56,475	2,851	2,382
94	79	5 088	13,669	36,668	2,683	2,214
95	80	3 575	9,017	22,999	2,551	2,082
96	81	2 455	5,814	13,982	2,405	1,936
97	82	1 613	3,587	8,168	2,277	1,808
98	83	1 014	2,117	4,581	2,163	1,695
99	84	610	1,196	2,464	2,061	1,592
100	85	350	0,644	1,268	1,968	1,499

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	36 317,219	573 549,565	15,793	15,324
17	1	99 143	33 987,440	537 232,346	15,807	15,338
18	2	99 091	31 896,360	503 244,906	15,778	15,309
19	3	99 041	29 934,588	471 348,546	15,746	15,277
20	4	98 988	28 092,510	441 413,959	15,713	15,244
21	5	98 934	26 363,657	413 321,448	15,678	15,209
22	6	98 883	24 741,681	386 957,792	15,640	15,171
23	7	98 832	23 219,619	362 216,110	15,600	15,131
24	8	98 781	21 791,373	338 996,491	15,556	15,088
25	9	98 728	20 450,226	317 205,118	15,511	15,042
26	10	98 674	19 191,609	296 754,892	15,463	14,994
27	11	98 621	18 010,685	277 563,283	15,411	14,942
28	12	98 562	16 901,258	259 552,598	15,357	14,888
29	13	98 503	15 860,297	242 651,340	15,299	14,831
30	14	98 438	14 882,494	226 791,043	15,239	14,770
31	15	98 371	13 964,657	211 908,549	15,175	14,706
32	16	98 291	13 101,689	197 943,892	15,108	14,640
33	17	98 209	12 291,703	184 842,203	15,038	14,569
34	18	98 124	11 531,621	172 550,501	14,963	14,495
35	19	98 025	10 816,890	161 018,880	14,886	14,417
36	20	97 919	10 145,729	150 201,990	14,804	14,336
37	21	97 814	9 516,291	140 056,260	14,718	14,249
38	22	97 707	8 925,634	130 539,969	14,625	14,157
39	23	97 587	8 370,633	121 614,335	14,529	14,060
40	24	97 460	7 849,468	113 243,702	14,427	13,958
41	25	97 321	7 359,882	105 394,234	14,320	13,851
42	26	97 174	6 900,247	98 034,352	14,207	13,739
43	27	97 010	6 468,192	91 134,106	14,090	13,621
44	28	96 830	6 062,149	84 665,914	13,966	13,498
45	29	96 632	5 680,521	78 603,765	13,837	13,369
46	30	96 409	5 321,541	72 923,243	13,703	13,235
47	31	96 170	4 984,355	67 601,702	13,563	13,094
48	32	95 901	4 667,022	62 617,347	13,417	12,948
49	33	95 600	4 368,460	57 950,325	13,266	12,797
50	34	95 266	4 087,477	53 581,865	13,109	12,640
51	35	94 893	3 823,009	49 494,388	12,946	12,478
52	36	94 489	3 574,381	45 671,378	12,777	12,309
53	37	94 027	3 339,808	42 096,997	12,605	12,136
54	38	93 515	3 118,897	38 757,190	12,427	11,958
55	39	92 939	2 910,512	35 638,293	12,245	11,776
56	40	92 313	2 714,454	32 727,781	12,057	11,588
57	41	91 620	2 529,656	30 013,327	11,865	11,396
58	42	90 860	2 355,555	27 483,671	11,668	11,199
59	43	90 018	2 191,300	25 128,116	11,467	10,998
60	44	89 105	2 036,691	22 936,815	11,262	10,793
61	45	88 120	1 891,253	20 900,124	11,051	10,582
62	46	87 055	1 754,358	19 008,871	10,835	10,366
63	47	85 890	1 625,242	17 254,513	10,617	10,148
64	48	84 646	1 503,948	15 629,271	10,392	9,923
65	49	83 304	1 389,770	14 125,323	10,164	9,695
66	50	81 876	1 282,567	12 735,554	9,930	9,461
67	51	80 379	1 182,269	11 452,987	9,687	9,219
68	52	78 761	1 087,773	10 270,717	9,442	8,973
69	53	77 098	999,819	9 182,944	9,185	8,716
70	54	75 301	916,912	8 183,125	8,925	8,456
71	55	73 392	839,129	7 266,213	8,659	8,190
72	56	71 365	766,149	6 427,084	8,389	7,920
73	57	69 247	698,042	5 660,935	8,110	7,641
74	58	67 019	634,350	4 962,893	7,824	7,355
75	59	64 661	574,671	4 328,543	7,532	7,063
76	60	62 158	518,716	3 753,872	7,237	6,768
77	61	59 496	466,197	3 235,156	6,939	6,471
78	62	56 722	417,336	2 768,959	6,635	6,166
79	63	53 771	371,473	2 351,623	6,331	5,862
80	64	50 624	328,390	1 980,151	6,030	5,561
81	65	47 311	288,167	1 651,761	5,732	5,263
82	66	43 809	250,553	1 363,594	5,442	4,974
83	67	40 180	215,769	1 113,040	5,158	4,690
84	68	36 416	183,622	897,271	4,887	4,418
85	69	32 608	154,386	713,650	4,622	4,154
86	70	28 777	127,933	559,263	4,372	3,903
87	71	25 015	104,419	431,331	4,131	3,662
88	72	21 398	83,869	326,912	3,898	3,429
89	73	17 978	66,164	243,043	3,673	3,205
90	74	14 824	51,229	176,879	3,453	2,984
91	75	11 955	38,790	125,650	3,239	2,771
92	76	9 353	28,496	86,860	3,048	2,579
93	77	7 097	20,304	58,364	2,874	2,406
94	78	5 236	14,064	38,060	2,706	2,237
95	79	3 697	9,324	23,996	2,573	2,105
96	80	2 553	6,046	14,672	2,427	1,958
97	81	1 687	3,752	8,626	2,299	1,830
98	82	1 068	2,230	4,873	2,186	1,717
99	83	647	1,269	2,644	2,083	1,614
100	84	375	0,691	1,374	1,990	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	34 091,892	537 477,603	15,766	15,297
18	1	99 114	31 903,732	503 385,711	15,778	15,310
19	2	99 053	29 938,153	471 481,980	15,749	15,280
20	3	99 000	28 095,857	441 543,827	15,716	15,247
21	4	98 943	26 366,054	413 447,969	15,681	15,212
22	5	98 890	24 743,537	387 081,915	15,644	15,175
23	6	98 838	23 221,148	362 338,378	15,604	15,135
24	7	98 786	21 792,447	339 117,230	15,561	15,092
25	8	98 734	20 451,492	317 324,783	15,516	15,047
26	9	98 680	19 192,851	296 873,291	15,468	14,999
27	10	98 627	18 011,752	277 680,440	15,417	14,948
28	11	98 569	16 902,517	259 668,687	15,363	14,894
29	12	98 511	15 861,552	242 766,170	15,305	14,837
30	13	98 447	14 883,770	226 904,619	15,245	14,776
31	14	98 382	13 966,122	212 020,849	15,181	14,712
32	15	98 304	13 103,328	198 054,727	15,115	14,646
33	16	98 222	12 293,437	184 951,399	15,045	14,576
34	17	98 139	11 533,310	172 657,961	14,970	14,502
35	18	98 045	10 819,094	161 124,652	14,893	14,424
36	19	97 938	10 147,688	150 305,558	14,812	14,343
37	20	97 833	9 518,054	140 157,870	14,725	14,257
38	21	97 723	8 927,112	130 639,817	14,634	14,165
39	22	97 604	8 372,082	121 712,704	14,538	14,069
40	23	97 481	7 851,171	113 340,622	14,436	13,967
41	24	97 337	7 361,130	105 489,451	14,331	13,862
42	25	97 192	6 901,534	98 128,321	14,218	13,750
43	26	97 029	6 469,451	91 226,788	14,101	13,632
44	27	96 851	6 063,474	84 757,337	13,978	13,510
45	28	96 656	5 681,938	78 693,863	13,850	13,381
46	29	96 434	5 322,919	73 011,925	13,717	13,248
47	30	96 199	4 985,836	67 689,006	13,576	13,108
48	31	95 931	4 668,512	62 703,171	13,431	12,962
49	32	95 633	4 369,977	58 034,659	13,280	12,812
50	33	95 299	4 088,933	53 664,682	13,124	12,656
51	34	94 930	3 824,505	49 575,749	12,963	12,494
52	35	94 527	3 575,820	45 751,244	12,795	12,326
53	36	94 071	3 341,374	42 175,424	12,622	12,153
54	37	93 558	3 120,333	38 834,049	12,445	11,977
55	38	92 993	2 912,217	35 713,717	12,263	11,795
56	39	92 368	2 716,072	32 801,500	12,077	11,608
57	40	91 682	2 531,374	30 085,427	11,885	11,416
58	41	90 929	2 357,354	27 554,053	11,689	11,220
59	42	90 093	2 193,120	25 196,700	11,489	11,020
60	43	89 185	2 038,526	23 003,579	11,284	10,816
61	44	88 210	1 893,184	20 965,053	11,074	10,605
62	45	87 152	1 756,311	19 071,870	10,859	10,390
63	46	85 999	1 627,308	17 315,559	10,641	10,172
64	47	84 768	1 506,107	15 688,250	10,416	9,948
65	48	83 438	1 391,996	14 182,143	10,188	9,720
66	49	82 024	1 284,895	12 790,147	9,954	9,485
67	50	80 537	1 184,604	11 505,252	9,712	9,244
68	51	78 935	1 090,181	10 320,649	9,467	8,998
69	52	77 288	1 002,280	9 230,468	9,209	8,741
70	53	75 507	919,425	8 228,188	8,949	8,481
71	54	73 614	841,662	7 308,762	8,684	8,215
72	55	71 602	768,696	6 467,101	8,413	7,944
73	56	69 499	700,578	5 698,405	8,134	7,665
74	57	67 288	636,892	4 997,827	7,847	7,378
75	58	64 947	577,217	4 360,935	7,555	7,086
76	59	62 460	521,234	3 783,718	7,259	6,790
77	60	59 819	468,723	3 262,484	6,960	6,492
78	61	57 042	419,684	2 793,761	6,657	6,188
79	62	54 099	373,744	2 374,077	6,352	5,883
80	63	50 960	330,566	2 000,333	6,051	5,582
81	64	47 658	290,283	1 669,766	5,752	5,283
82	65	44 163	252,577	1 379,484	5,462	4,993
83	66	40 534	217,670	1 126,907	5,177	4,708
84	67	36 772	185,419	909,236	4,904	4,435
85	68	32 945	155,980	723,817	4,640	4,172
86	69	29 102	129,378	567,837	4,389	3,920
87	70	25 323	105,707	438,459	4,148	3,679
88	71	21 688	85,007	332,753	3,914	3,446
89	72	18 241	67,132	247,745	3,690	3,222
90	73	15 058	52,034	180,614	3,471	3,002
91	74	12 163	39,465	128,580	3,258	2,789
92	75	9 535	29,050	89,115	3,068	2,599
93	76	7 256	20,757	60,064	2,894	2,425
94	77	5 367	14,416	39,307	2,727	2,258
95	78	3 804	9,594	24,891	2,594	2,126
96	79	2 640	6,252	15,297	2,447	1,978
97	80	1 755	3,902	9,045	2,318	1,849
98	81	1 117	2,332	5,143	2,205	1,736
99	82	682	1,337	2,810	2,103	1,634
100	83	398	0,733	1,474	2,010	1,541

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	32 001,781	503 612,368	15,737	15,268
19	1	99 076	29 945,072	471 610,588	15,749	15,280
20	2	99 012	28 099,203	441 665,516	15,718	15,249
21	3	98 955	26 369,196	413 566,313	15,684	15,215
22	4	98 899	24 745,787	387 197,117	15,647	15,178
23	5	98 846	23 222,889	362 451,330	15,608	15,139
24	6	98 793	21 793,882	339 228,440	15,565	15,097
25	7	98 739	20 452,500	317 434,558	15,521	15,052
26	8	98 686	19 194,040	296 982,058	15,473	15,004
27	9	98 633	18 012,918	277 788,018	15,422	14,953
28	10	98 575	16 903,519	259 775,101	15,368	14,899
29	11	98 518	15 862,733	242 871,582	15,311	14,842
30	12	98 454	14 884,948	227 008,849	15,251	14,782
31	13	98 390	13 967,320	212 123,901	15,187	14,718
32	14	98 314	13 104,703	198 156,582	15,121	14,652
33	15	98 235	12 294,975	185 051,879	15,051	14,582
34	16	98 153	11 534,937	172 756,903	14,977	14,508
35	17	98 060	10 820,678	161 221,966	14,899	14,431
36	18	97 958	10 149,755	150 401,288	14,818	14,349
37	19	97 851	9 519,891	140 251,533	14,732	14,264
38	20	97 741	8 928,766	130 731,642	14,642	14,173
39	21	97 620	8 373,468	121 802,876	14,546	14,078
40	22	97 498	7 852,530	113 429,408	14,445	13,976
41	23	97 358	7 362,727	105 576,878	14,339	13,871
42	24	97 208	6 902,704	98 214,151	14,228	13,760
43	25	97 047	6 470,657	91 311,447	14,112	13,643
44	26	96 870	6 064,654	84 840,789	13,989	13,521
45	27	96 677	5 683,180	78 776,136	13,861	13,393
46	28	96 458	5 324,247	73 092,956	13,728	13,260
47	29	96 224	4 987,126	67 768,709	13,589	13,120
48	30	95 960	4 669,899	62 781,583	13,444	12,975
49	31	95 664	4 371,372	58 111,684	13,294	12,825
50	32	95 333	4 090,352	53 740,312	13,138	12,670
51	33	94 964	3 825,867	49 649,960	12,977	12,509
52	34	94 564	3 577,220	45 824,093	12,810	12,341
53	35	94 109	3 342,720	42 246,873	12,638	12,170
54	36	93 602	3 121,796	38 904,154	12,462	11,993
55	37	93 036	2 913,558	35 782,357	12,281	11,813
56	38	92 422	2 717,664	32 868,799	12,095	11,626
57	39	91 737	2 532,883	30 151,135	11,904	11,435
58	40	90 991	2 358,955	27 618,252	11,708	11,239
59	41	90 161	2 194,795	25 259,298	11,509	11,040
60	42	89 259	2 040,219	23 064,503	11,305	10,836
61	43	88 290	1 894,889	21 024,284	11,095	10,627
62	44	87 241	1 758,104	19 129,395	10,881	10,412
63	45	86 095	1 629,120	17 371,291	10,663	10,194
64	46	84 876	1 508,021	15 742,171	10,439	9,970
65	47	83 558	1 393,994	14 234,150	10,211	9,742
66	48	82 156	1 286,953	12 840,155	9,977	9,508
67	49	80 683	1 186,753	11 553,202	9,735	9,266
68	50	79 091	1 092,334	10 366,448	9,490	9,021
69	51	77 459	1 004,499	9 274,114	9,233	8,764
70	52	75 693	921,688	8 269,616	8,972	8,504
71	53	73 816	843,968	7 347,927	8,706	8,238
72	54	71 818	771,017	6 503,959	8,436	7,967
73	55	69 730	702,907	5 732,942	8,156	7,687
74	56	67 532	639,206	5 030,036	7,869	7,400
75	57	65 207	579,531	4 390,830	7,577	7,108
76	58	62 737	523,543	3 811,300	7,280	6,811
77	59	60 109	470,998	3 287,757	6,980	6,512
78	60	57 351	421,959	2 816,759	6,675	6,207
79	61	54 404	375,847	2 394,800	6,372	5,903
80	62	51 271	332,587	2 018,953	6,070	5,602
81	63	47 974	292,207	1 686,365	5,771	5,302
82	64	44 488	254,431	1 394,159	5,480	5,011
83	65	40 861	219,429	1 139,728	5,194	4,725
84	66	37 096	187,053	920,299	4,920	4,451
85	67	33 267	157,506	733,246	4,655	4,187
86	68	29 403	130,713	575,740	4,405	3,936
87	69	25 609	106,901	445,026	4,163	3,694
88	70	21 956	86,055	338,125	3,929	3,460
89	71	18 488	68,043	252,070	3,705	3,236
90	72	15 278	52,795	184,027	3,486	3,017
91	73	12 354	40,086	131,232	3,274	2,805
92	74	9 701	29,556	91,146	3,084	2,615
93	75	7 397	21,161	61,590	2,911	2,442
94	76	5 487	14,738	40,429	2,743	2,274
95	77	3 899	9,834	25,691	2,612	2,144
96	78	2 716	6,433	15,857	2,465	1,996
97	79	1 815	4,035	9,425	2,336	1,867
98	80	1 162	2,426	5,390	2,222	1,753
99	81	713	1,398	2,964	2,120	1,651
100	82	419	0,772	1,566	2,028	1,559

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	30 037,101	471 820,067	15,708	15,239
20	1	99 035	28 105,697	441 782,966	15,719	15,250
21	2	98 967	26 372,336	413 677,269	15,686	15,217
22	3	98 911	24 748,736	387 304,932	15,649	15,181
23	4	98 855	23 225,001	362 556,197	15,611	15,142
24	5	98 800	21 795,517	339 331,196	15,569	15,100
25	6	98 745	20 453,847	317 535,679	15,524	15,056
26	7	98 691	19 194,986	297 081,832	15,477	15,008
27	8	98 639	18 014,033	277 886,846	15,426	14,957
28	9	98 581	16 904,612	259 872,813	15,373	14,904
29	10	98 524	15 863,673	242 968,201	15,316	14,847
30	11	98 462	14 886,056	227 104,528	15,256	14,787
31	12	98 398	13 968,425	212 218,471	15,193	14,724
32	13	98 322	13 105,827	198 250,047	15,127	14,658
33	14	98 245	12 296,266	185 144,220	15,057	14,588
34	15	98 165	11 536,380	172 847,955	14,983	14,514
35	16	98 074	10 822,205	161 311,574	14,906	14,437
36	17	97 973	10 151,241	150 489,369	14,825	14,356
37	18	97 871	9 521,830	140 338,128	14,739	14,270
38	19	97 760	8 930,490	130 816,298	14,648	14,180
39	20	97 638	8 375,019	121 885,808	14,553	14,085
40	21	97 514	7 853,830	113 510,789	14,453	13,984
41	22	97 375	7 364,002	105 656,959	14,348	13,879
42	23	97 229	6 904,202	98 292,957	14,237	13,768
43	24	97 063	6 471,755	91 388,755	14,121	13,652
44	25	96 888	6 065,785	84 917,000	13,999	13,531
45	26	96 696	5 684,286	78 851,216	13,872	13,403
46	27	96 479	5 325,410	73 166,930	13,739	13,270
47	28	96 248	4 988,370	67 841,520	13,600	13,131
48	29	95 984	4 671,108	62 853,150	13,456	12,987
49	30	95 692	4 372,671	58 182,042	13,306	12,837
50	31	95 363	4 091,658	53 809,372	13,151	12,682
51	32	94 997	3 827,196	49 717,714	12,991	12,522
52	33	94 598	3 578,494	45 890,518	12,824	12,355
53	34	94 145	3 344,027	42 312,024	12,653	12,184
54	35	93 639	3 123,053	38 967,997	12,478	12,009
55	36	93 080	2 914,925	35 844,944	12,297	11,828
56	37	92 464	2 718,915	32 930,019	12,111	11,643
57	38	91 790	2 534,367	30 211,104	11,921	11,452
58	39	91 045	2 360,361	27 676,737	11,726	11,257
59	40	90 223	2 196,285	25 316,376	11,527	11,058
60	41	89 327	2 041,776	23 120,091	11,324	10,855
61	42	88 363	1 896,463	21 078,314	11,115	10,646
62	43	87 320	1 759,688	19 181,851	10,901	10,432
63	44	86 183	1 630,783	17 422,163	10,683	10,215
64	45	84 970	1 509,700	15 791,380	10,460	9,991
65	46	83 664	1 395,767	14 281,680	10,232	9,763
66	47	82 274	1 288,801	12 885,913	9,998	9,530
67	48	80 813	1 188,655	11 597,112	9,757	9,288
68	49	79 235	1 094,316	10 408,457	9,511	9,043
69	50	77 612	1 006,482	9 314,141	9,254	8,785
70	51	75 861	923,729	8 307,659	8,994	8,525
71	52	73 997	846,046	7 383,930	8,728	8,259
72	53	72 015	773,130	6 537,885	8,456	7,988
73	54	69 940	705,029	5 764,755	8,177	7,708
74	55	67 757	641,331	5 059,727	7,889	7,421
75	56	65 444	581,635	4 418,396	7,597	7,128
76	57	62 988	525,641	3 836,761	7,299	6,830
77	58	60 375	473,085	3 311,119	6,999	6,530
78	59	57 629	424,007	2 838,034	6,693	6,225
79	60	54 699	377,884	2 414,028	6,388	5,920
80	61	51 560	334,459	2 036,144	6,088	5,619
81	62	48 268	293,993	1 701,685	5,788	5,319
82	63	44 782	256,118	1 407,692	5,496	5,028
83	64	41 161	221,039	1 151,574	5,210	4,741
84	65	37 396	188,564	930,535	4,935	4,466
85	66	33 560	158,894	741,971	4,670	4,201
86	67	29 690	131,993	583,076	4,417	3,949
87	68	25 874	108,005	451,084	4,177	3,708
88	69	22 204	87,028	343,079	3,942	3,473
89	70	18 716	68,882	256,051	3,717	3,249
90	71	15 485	53,511	187,169	3,498	3,029
91	72	12 534	40,672	133,658	3,286	2,818
92	73	9 853	30,021	92,986	3,097	2,629
93	74	7 526	21,529	62,965	2,925	2,456
94	75	5 593	15,025	41,436	2,758	2,289
95	76	3 986	10,054	26,412	2,627	2,158
96	77	2 784	6,594	16,358	2,481	2,012
97	78	1 867	4,152	9,764	2,352	1,883
98	79	1 201	2,508	5,613	2,238	1,769
99	80	742	1,454	3,104	2,135	1,666
100	81	439	0,808	1,650	2,043	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	28 192,074	441 976,585	15,677	15,209
21	1	98 990	26 378,431	413 784,511	15,686	15,218
22	2	98 923	24 751,683	387 406,080	15,652	15,183
23	3	98 866	23 227,769	362 654,397	15,613	15,144
24	4	98 809	21 797,499	339 426,628	15,572	15,103
25	5	98 752	20 455,381	317 629,129	15,528	15,059
26	6	98 698	19 196,249	297 173,748	15,481	15,012
27	7	98 644	18 014,921	277 977,499	15,430	14,962
28	8	98 587	16 905,659	259 962,578	15,377	14,909
29	9	98 530	15 864,700	243 056,919	15,321	14,852
30	10	98 468	14 886,939	227 192,219	15,261	14,792
31	11	98 405	13 969,465	212 305,281	15,198	14,729
32	12	98 330	13 106,863	198 335,815	15,132	14,663
33	13	98 253	12 297,320	185 228,952	15,063	14,594
34	14	98 175	11 537,591	172 931,632	14,989	14,520
35	15	98 086	10 823,559	161 394,041	14,911	14,443
36	16	97 987	10 152,674	150 570,482	14,831	14,362
37	17	97 886	9 523,225	140 417,808	14,745	14,276
38	18	97 780	8 932,309	130 894,584	14,654	14,185
39	19	97 657	8 376,636	121 962,275	14,560	14,091
40	20	97 532	7 855,285	113 585,639	14,460	13,991
41	21	97 391	7 365,221	105 730,355	14,355	13,887
42	22	97 246	6 905,397	98 365,134	14,245	13,776
43	23	97 084	6 473,159	91 459,736	14,129	13,660
44	24	96 904	6 066,813	84 986,577	14,008	13,540
45	25	96 714	5 685,346	78 919,764	13,881	13,413
46	26	96 498	5 326,446	73 234,418	13,749	13,280
47	27	96 269	4 989,460	67 907,972	13,610	13,142
48	28	96 008	4 672,273	62 918,511	13,466	12,998
49	29	95 717	4 373,802	58 246,239	13,317	12,848
50	30	95 391	4 092,873	53 872,436	13,162	12,694
51	31	95 027	3 828,418	49 779,563	13,003	12,534
52	32	94 630	3 579,736	45 951,145	12,836	12,368
53	33	94 179	3 345,218	42 371,409	12,666	12,198
54	34	93 676	3 124,275	39 026,191	12,491	12,023
55	35	93 117	2 916,098	35 901,916	12,312	11,843
56	36	92 508	2 720,191	32 985,817	12,126	11,658
57	37	91 833	2 535,534	30 265,627	11,937	11,468
58	38	91 098	2 361,744	27 730,092	11,741	11,273
59	39	90 276	2 197,594	25 368,349	11,544	11,075
60	40	89 388	2 043,163	23 170,754	11,341	10,872
61	41	88 430	1 897,911	21 127,591	11,132	10,663
62	42	87 392	1 761,149	19 229,680	10,919	10,450
63	43	86 261	1 632,252	17 468,531	10,702	10,233
64	44	85 057	1 511,242	15 836,279	10,479	10,010
65	45	83 757	1 397,320	14 325,037	10,252	9,783
66	46	82 378	1 290,440	12 927,716	10,018	9,549
67	47	80 929	1 190,361	11 637,277	9,776	9,308
68	48	79 362	1 096,069	10 446,916	9,531	9,063
69	49	77 753	1 008,309	9 350,847	9,274	8,805
70	50	76 011	925,553	8 342,538	9,014	8,545
71	51	74 161	847,918	7 416,985	8,747	8,279
72	52	72 192	775,033	6 569,067	8,476	8,007
73	53	70 132	706,961	5 794,034	8,196	7,727
74	54	67 961	643,267	5 087,073	7,908	7,439
75	55	65 662	583,569	4 443,807	7,615	7,146
76	56	63 217	527,550	3 860,238	7,317	6,849
77	57	60 617	474,981	3 332,687	7,016	6,548
78	58	57 884	425,885	2 857,706	6,710	6,241
79	59	54 964	379,718	2 431,821	6,404	5,936
80	60	51 839	336,272	2 052,103	6,103	5,634
81	61	48 539	295,647	1 715,831	5,804	5,335
82	62	45 056	257,683	1 420,184	5,511	5,043
83	63	41 434	222,504	1 162,501	5,225	4,756
84	64	37 671	189,948	939,996	4,949	4,480
85	65	33 831	160,178	750,048	4,683	4,214
86	66	29 952	133,156	589,870	4,430	3,961
87	67	26 127	109,062	456,714	4,188	3,719
88	68	22 433	87,926	347,653	3,954	3,485
89	69	18 928	69,660	259,727	3,728	3,260
90	70	15 676	54,171	190,066	3,509	3,040
91	71	12 705	41,224	135,895	3,297	2,828
92	72	9 997	30,460	94,671	3,108	2,639
93	73	7 644	21,868	64,212	2,936	2,468
94	74	5 691	15,286	42,344	2,770	2,301
95	75	4 063	10,249	27,058	2,640	2,171
96	76	2 846	6,741	16,809	2,494	2,025
97	77	1 914	4,256	10,068	2,366	1,897
98	78	1 236	2,581	5,812	2,252	1,783
99	79	767	1,504	3,231	2,149	1,680
100	80	456	0,840	1,728	2,057	1,588

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	26 459,499	413 963,482	15,645	15,176
22	1	98 946	24 757,403	387 503,983	15,652	15,183
23	2	98 878	23 230,535	362 746,580	15,615	15,146
24	3	98 821	21 800,096	339 516,045	15,574	15,105
25	4	98 761	20 457,241	317 715,949	15,531	15,062
26	5	98 705	19 197,689	297 258,708	15,484	15,015
27	6	98 651	18 016,107	278 061,019	15,434	14,965
28	7	98 592	16 906,493	260 044,912	15,381	14,913
29	8	98 537	15 865,682	243 138,419	15,325	14,856
30	9	98 474	14 887,902	227 272,737	15,266	14,797
31	10	98 411	13 970,293	212 384,836	15,203	14,734
32	11	98 337	13 107,840	198 414,543	15,137	14,668
33	12	98 261	12 298,293	185 306,703	15,068	14,599
34	13	98 184	11 538,580	173 008,410	14,994	14,525
35	14	98 096	10 824,695	161 469,830	14,917	14,448
36	15	97 999	10 153,944	150 645,135	14,836	14,367
37	16	97 900	9 524,569	140 491,191	14,750	14,282
38	17	97 794	8 933,617	130 966,622	14,660	14,191
39	18	97 677	8 378,342	122 033,006	14,565	14,097
40	19	97 551	7 856,801	113 654,664	14,466	13,997
41	20	97 409	7 366,585	105 797,862	14,362	13,893
42	21	97 262	6 906,541	98 431,277	14,252	13,783
43	22	97 101	6 474,280	91 524,737	14,137	13,668
44	23	96 925	6 068,130	85 050,457	14,016	13,547
45	24	96 730	5 686,310	78 982,327	13,890	13,421
46	25	96 516	5 327,440	73 296,017	13,758	13,289
47	26	96 287	4 990,431	67 968,577	13,620	13,151
48	27	96 029	4 673,294	62 978,146	13,476	13,007
49	28	95 741	4 374,893	58 304,853	13,327	12,858
50	29	95 416	4 093,933	53 929,959	13,173	12,704
51	30	95 056	3 829,555	49 836,026	13,014	12,545
52	31	94 661	3 580,879	46 006,472	12,848	12,379
53	32	94 212	3 346,380	42 425,593	12,678	12,209
54	33	93 709	3 125,388	39 079,213	12,504	12,035
55	34	93 154	2 917,239	35 953,825	12,325	11,856
56	35	92 545	2 721,286	33 036,585	12,140	11,671
57	36	91 876	2 536,724	30 315,300	11,951	11,482
58	37	91 140	2 362,831	27 778,576	11,756	11,288
59	38	90 329	2 198,882	25 415,745	11,558	11,090
60	39	89 441	2 044,381	23 216,863	11,356	10,888
61	40	88 491	1 899,200	21 172,482	11,148	10,679
62	41	87 459	1 762,494	19 273,282	10,935	10,466
63	42	86 332	1 633,608	17 510,788	10,719	10,250
64	43	85 133	1 512,603	15 877,180	10,497	10,028
65	44	83 842	1 398,747	14 364,577	10,270	9,801
66	45	82 470	1 291,876	12 965,830	10,036	9,568
67	46	81 032	1 191,875	11 673,954	9,795	9,326
68	47	79 476	1 097,643	10 482,079	9,550	9,081
69	48	77 877	1 009,924	9 384,437	9,292	8,823
70	49	76 148	927,232	8 374,512	9,032	8,563
71	50	74 308	849,593	7 447,280	8,766	8,297
72	51	72 352	776,748	6 597,687	8,494	8,025
73	52	70 305	708,701	5 820,939	8,214	7,745
74	53	68 148	645,029	5 112,238	7,926	7,457
75	54	65 860	585,331	4 467,209	7,632	7,163
76	55	63 427	529,304	3 881,878	7,334	6,865
77	56	60 837	476,706	3 352,574	7,033	6,564
78	57	58 116	427,592	2 875,868	6,726	6,257
79	58	55 208	381,400	2 448,275	6,419	5,950
80	59	52 091	337,904	2 066,875	6,117	5,648
81	60	48 802	297,250	1 728,971	5,817	5,348
82	61	45 310	259,133	1 431,722	5,525	5,056
83	62	41 687	223,865	1 172,588	5,238	4,769
84	63	37 920	191,207	948,724	4,962	4,493
85	64	34 080	161,354	757,517	4,695	4,226
86	65	30 194	134,231	596,163	4,441	3,973
87	66	26 357	110,023	461,931	4,199	3,730
88	67	22 652	88,787	351,909	3,964	3,495
89	68	19 123	70,379	263,122	3,739	3,270
90	69	15 853	54,783	192,743	3,518	3,050
91	70	12 861	41,732	137,959	3,306	2,837
92	71	10 133	30,873	96,227	3,117	2,648
93	72	7 756	22,187	65,354	2,946	2,477
94	73	5 780	15,526	43,167	2,780	2,311
95	74	4 134	10,427	27,640	2,651	2,182
96	75	2 902	6,872	17,213	2,505	2,036
97	76	1 957	4,351	10,341	2,377	1,908
98	77	1 267	2,645	5,990	2,264	1,796
99	78	789	1,547	3,345	2,162	1,693
100	79	472	0,869	1,798	2,070	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	24 833,490	387 669,431	15,611	15,142
23	1	98 901	23 235,904	362 835,942	15,615	15,147
24	2	98 833	21 802,692	339 600,038	15,576	15,107
25	3	98 773	20 459,679	317 797,346	15,533	15,064
26	4	98 714	19 199,435	297 337,667	15,487	15,018
27	5	98 658	18 017,458	278 138,232	15,437	14,968
28	6	98 599	16 907,606	260 120,774	15,385	14,916
29	7	98 541	15 866,464	243 213,169	15,329	14,860
30	8	98 480	14 888,824	227 346,705	15,270	14,801
31	9	98 417	13 971,197	212 457,881	15,207	14,738
32	10	98 343	13 108,617	198 486,684	15,142	14,673
33	11	98 268	12 299,209	185 378,067	15,072	14,604
34	12	98 191	11 539,493	173 078,858	14,999	14,530
35	13	98 105	10 825,623	161 539,365	14,922	14,453
36	14	98 009	10 155,010	150 713,742	14,841	14,373
37	15	97 912	9 525,760	140 558,733	14,756	14,287
38	16	97 808	8 934,877	131 032,972	14,665	14,197
39	17	97 691	8 379,569	122 098,095	14,571	14,102
40	18	97 571	7 858,402	113 718,526	14,471	14,002
41	19	97 428	7 368,007	105 860,125	14,368	13,899
42	20	97 280	6 907,820	98 492,117	14,258	13,789
43	21	97 117	6 475,352	91 584,298	14,144	13,675
44	22	96 942	6 069,180	85 108,946	14,023	13,554
45	23	96 751	5 687,544	79 039,766	13,897	13,428
46	24	96 533	5 328,343	73 352,222	13,766	13,298
47	25	96 305	4 991,362	68 023,878	13,628	13,160
48	26	96 048	4 674,203	63 032,516	13,485	13,016
49	27	95 762	4 375,849	58 358,313	13,336	12,868
50	28	95 440	4 094,954	53 982,464	13,183	12,714
51	29	95 080	3 830,546	49 887,510	13,024	12,555
52	30	94 689	3 581,943	46 056,964	12,858	12,389
53	31	94 242	3 347,448	42 475,021	12,689	12,220
54	32	93 742	3 126,473	39 127,573	12,515	12,046
55	33	93 187	2 918,278	36 001,100	12,336	11,868
56	34	92 581	2 722,351	33 082,822	12,152	11,684
57	35	91 913	2 537,745	30 360,471	11,964	11,495
58	36	91 183	2 363,940	27 822,726	11,770	11,301
59	37	90 371	2 199,895	25 458,787	11,573	11,104
60	38	89 494	2 045,579	23 258,892	11,370	10,902
61	39	88 543	1 900,332	21 213,313	11,163	10,694
62	40	87 518	1 763,691	19 312,981	10,950	10,482
63	41	86 398	1 634,855	17 549,290	10,734	10,266
64	42	85 204	1 513,859	15 914,435	10,512	10,044
65	43	83 918	1 400,007	14 400,576	10,286	9,817
66	44	82 554	1 293,195	13 000,569	10,053	9,584
67	45	81 122	1 193,201	11 707,374	9,812	9,343
68	46	79 577	1 099,038	10 514,172	9,567	9,098
69	47	77 989	1 011,374	9 415,134	9,309	8,841
70	48	76 270	928,718	8 403,760	9,049	8,580
71	49	74 442	851,135	7 475,042	8,782	8,314
72	50	72 495	778,282	6 623,908	8,511	8,042
73	51	70 460	710,270	5 845,626	8,230	7,761
74	52	68 315	646,617	5 135,356	7,942	7,473
75	53	66 041	586,935	4 488,739	7,648	7,179
76	54	63 619	530,902	3 901,804	7,349	6,881
77	55	61 040	478,291	3 370,902	7,048	6,579
78	56	58 328	429,145	2 892,611	6,740	6,272
79	57	55 429	382,929	2 463,466	6,433	5,964
80	58	52 322	339,401	2 080,537	6,130	5,661
81	59	49 039	298,692	1 741,136	5,829	5,360
82	60	45 555	260,538	1 442,444	5,536	5,068
83	61	41 922	225,124	1 181,906	5,250	4,781
84	62	38 152	192,376	956,782	4,973	4,505
85	63	34 306	162,423	764,405	4,706	4,238
86	64	30 416	135,217	601,982	4,452	3,983
87	65	26 570	110,912	466,766	4,208	3,740
88	66	22 852	89,569	355,854	3,973	3,504
89	67	19 310	71,068	266,285	3,747	3,278
90	68	16 017	55,349	195,217	3,527	3,058
91	69	13 007	42,204	139,868	3,314	2,845
92	70	10 258	31,254	97,664	3,125	2,656
93	71	7 861	22,489	66,410	2,953	2,484
94	72	5 865	15,753	43,922	2,788	2,319
95	73	4 199	10,591	28,168	2,660	2,191
96	74	2 952	6,992	17,577	2,514	2,045
97	75	1 995	4,435	10,585	2,387	1,918
98	76	1 295	2,704	6,150	2,274	1,805
99	77	809	1,586	3,446	2,173	1,704
100	78	485	0,894	1,860	2,081	1,612

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	23 307,314	362 988,901	15,574	15,105
24	1	98 856	21 807,731	339 681,587	15,576	15,107
25	2	98 785	20 462,115	317 873,856	15,535	15,066
26	3	98 726	19 201,723	297 411,741	15,489	15,020
27	4	98 667	18 019,097	278 210,019	15,440	14,971
28	5	98 606	16 908,874	260 190,922	15,388	14,919
29	6	98 548	15 867,509	243 282,048	15,332	14,863
30	7	98 485	14 889,558	227 414,540	15,273	14,805
31	8	98 423	13 972,062	212 524,982	15,211	14,742
32	9	98 350	13 109,465	198 552,920	15,146	14,677
33	10	98 274	12 299,938	185 443,455	15,077	14,608
34	11	98 199	11 540,353	173 143,518	15,003	14,535
35	12	98 112	10 826,479	161 603,165	14,927	14,458
36	13	98 017	10 155,880	150 776,686	14,846	14,378
37	14	97 922	9 526,760	140 620,805	14,761	14,292
38	15	97 820	8 935,995	131 094,045	14,670	14,202
39	16	97 705	8 380,751	122 158,050	14,576	14,107
40	17	97 585	7 859,553	113 777,299	14,476	14,008
41	18	97 448	7 369,508	105 917,746	14,372	13,904
42	19	97 299	6 909,153	98 548,238	14,263	13,795
43	20	97 135	6 476,551	91 639,085	14,149	13,681
44	21	96 958	6 070,185	85 162,534	14,030	13,561
45	22	96 768	5 688,528	79 092,349	13,904	13,435
46	23	96 554	5 329,500	73 403,820	13,773	13,304
47	24	96 322	4 992,208	68 074,321	13,636	13,167
48	25	96 066	4 675,075	63 082,112	13,493	13,025
49	26	95 781	4 376,701	58 407,037	13,345	12,876
50	27	95 461	4 095,849	54 030,337	13,191	12,723
51	28	95 104	3 831,502	49 934,488	13,033	12,564
52	29	94 713	3 582,870	46 102,986	12,868	12,399
53	30	94 270	3 348,443	42 520,116	12,698	12,230
54	31	93 772	3 127,471	39 171,674	12,525	12,056
55	32	93 219	2 919,292	36 044,203	12,347	11,878
56	33	92 614	2 723,320	33 124,911	12,163	11,695
57	34	91 949	2 538,738	30 401,591	11,975	11,506
58	35	91 220	2 364,891	27 862,853	11,782	11,313
59	36	90 413	2 200,927	25 497,962	11,585	11,116
60	37	89 535	2 046,521	23 297,035	11,384	10,915
61	38	88 595	1 901,445	21 250,514	11,176	10,707
62	39	87 570	1 764,742	19 349,069	10,964	10,496
63	40	86 457	1 635,965	17 584,327	10,749	10,280
64	41	85 269	1 515,015	15 948,361	10,527	10,058
65	42	83 988	1 401,170	14 433,346	10,301	9,832
66	43	82 628	1 294,360	13 032,177	10,068	9,600
67	44	81 205	1 194,420	11 737,817	9,827	9,358
68	45	79 665	1 100,262	10 543,397	9,583	9,114
69	46	78 088	1 012,660	9 443,135	9,325	8,856
70	47	76 380	930,051	8 430,475	9,065	8,596
71	48	74 562	852,498	7 500,424	8,798	8,329
72	49	72 627	779,694	6 647,926	8,526	8,058
73	50	70 599	711,672	5 868,232	8,246	7,777
74	51	68 467	648,048	5 156,560	7,957	7,488
75	52	66 203	588,380	4 508,511	7,663	7,194
76	53	63 793	532,357	3 920,132	7,364	6,895
77	54	61 224	479,735	3 387,775	7,062	6,593
78	55	58 521	430,572	2 908,040	6,754	6,285
79	56	55 630	384,320	2 477,468	6,446	5,978
80	57	52 531	340,761	2 093,148	6,143	5,674
81	58	49 256	300,016	1 752,387	5,841	5,372
82	59	45 776	261,802	1 452,371	5,548	5,079
83	60	42 149	226,345	1 190,569	5,260	4,791
84	61	38 367	193,459	964,224	4,984	4,515
85	62	34 515	163,416	770,766	4,717	4,248
86	63	30 617	136,113	607,350	4,462	3,993
87	64	26 765	111,726	471,237	4,218	3,749
88	65	23 037	90,293	359,511	3,982	3,513
89	66	19 481	71,694	269,218	3,755	3,286
90	67	16 174	55,891	197,524	3,534	3,065
91	68	13 141	42,639	141,633	3,322	2,853
92	69	10 374	31,607	98,994	3,132	2,663
93	70	7 958	22,766	67,387	2,960	2,491
94	71	5 944	15,967	44,621	2,795	2,326
95	72	4 261	10,746	28,654	2,666	2,198
96	73	2 999	7,101	17,907	2,522	2,053
97	74	2 029	4,513	10,806	2,395	1,926
98	75	1 320	2,757	6,293	2,283	1,814
99	76	827	1,621	3,536	2,181	1,713
100	77	498	0,916	1,915	2,091	1,622

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	21 874,752	339 823,015	15,535	15,066
25	1	98 808	20 466,844	317 948,263	15,535	15,066
26	2	98 737	19 204,009	297 481,419	15,491	15,022
27	3	98 679	18 021,244	278 277,409	15,442	14,973
28	4	98 615	16 910,411	260 256,165	15,390	14,922
29	5	98 555	15 868,699	243 345,754	15,335	14,866
30	6	98 491	14 890,538	227 477,056	15,277	14,808
31	7	98 428	13 972,751	212 586,518	15,214	14,746
32	8	98 356	13 110,276	198 613,767	15,149	14,681
33	9	98 281	12 300,734	185 503,490	15,081	14,612
34	10	98 205	11 541,037	173 202,757	15,008	14,539
35	11	98 120	10 827,286	161 661,720	14,931	14,462
36	12	98 025	10 156,684	150 834,434	14,851	14,382
37	13	97 930	9 527,577	140 677,751	14,765	14,297
38	14	97 830	8 936,933	131 150,174	14,675	14,206
39	15	97 717	8 381,800	122 213,241	14,581	14,112
40	16	97 599	7 860,662	113 831,441	14,481	14,012
41	17	97 462	7 370,587	105 970,779	14,378	13,909
42	18	97 319	6 910,561	98 600,192	14,268	13,799
43	19	97 154	6 477,801	91 689,631	14,154	13,686
44	20	96 976	6 071,310	85 211,830	14,035	13,566
45	21	96 784	5 689,470	79 140,521	13,910	13,441
46	22	96 570	5 330,422	73 451,050	13,780	13,311
47	23	96 343	4 993,292	68 120,628	13,642	13,174
48	24	96 082	4 675,868	63 127,336	13,501	13,032
49	25	95 798	4 377,517	58 451,469	13,353	12,884
50	26	95 479	4 096,646	54 073,952	13,200	12,731
51	27	95 125	3 832,339	49 977,306	13,041	12,572
52	28	94 737	3 583,764	46 144,967	12,876	12,407
53	29	94 294	3 349,309	42 561,203	12,707	12,239
54	30	93 800	3 128,400	39 211,894	12,534	12,065
55	31	93 249	2 920,224	36 083,494	12,356	11,888
56	32	92 646	2 724,266	33 163,270	12,173	11,705
57	33	91 981	2 539,642	30 439,005	11,986	11,517
58	34	91 255	2 365,817	27 899,363	11,793	11,324
59	35	90 450	2 201,813	25 533,546	11,597	11,128
60	36	89 577	2 047,481	23 331,733	11,395	10,927
61	37	88 636	1 902,321	21 284,252	11,189	10,720
62	38	87 622	1 765,776	19 381,931	10,976	10,508
63	39	86 508	1 636,941	17 616,155	10,762	10,293
64	40	85 327	1 516,044	15 979,215	10,540	10,071
65	41	84 052	1 402,240	14 463,171	10,314	9,846
66	42	82 697	1 295,435	13 060,931	10,082	9,614
67	43	81 278	1 195,496	11 765,496	9,842	9,373
68	44	79 747	1 101,385	10 570,001	9,597	9,128
69	45	78 175	1 013,787	9 468,616	9,340	8,871
70	46	76 477	931,234	8 454,828	9,079	8,610
71	47	74 669	853,722	7 523,595	8,813	8,344
72	48	72 743	780,943	6 669,873	8,541	8,072
73	49	70 728	712,964	5 888,929	8,260	7,791
74	50	68 602	649,328	5 175,966	7,971	7,503
75	51	66 350	589,682	4 526,638	7,676	7,208
76	52	63 950	533,667	3 936,956	7,377	6,908
77	53	61 392	481,050	3 403,288	7,075	6,606
78	54	58 698	431,872	2 922,239	6,766	6,298
79	55	55 815	385,597	2 490,367	6,458	5,990
80	56	52 722	341,999	2 104,769	6,154	5,686
81	57	49 454	301,218	1 762,771	5,852	5,383
82	58	45 979	262,962	1 461,553	5,558	5,089
83	59	42 354	227,443	1 198,590	5,270	4,801
84	60	38 575	194,507	971,147	4,993	4,524
85	61	34 710	164,336	776,640	4,726	4,257
86	62	30 804	136,945	612,304	4,471	4,002
87	63	26 943	112,466	475,359	4,227	3,758
88	64	23 206	90,955	362,893	3,990	3,521
89	65	19 638	72,274	271,938	3,763	3,294
90	66	16 316	56,383	199,664	3,541	3,072
91	67	13 269	43,057	143,281	3,328	2,859
92	68	10 481	31,933	100,224	3,139	2,670
93	69	8 048	23,023	68,291	2,966	2,497
94	70	6 018	16,164	45,268	2,801	2,332
95	71	4 318	10,892	29,104	2,672	2,203
96	72	3 042	7,205	18,212	2,528	2,059
97	73	2 061	4,584	11,006	2,401	1,933
98	74	1 343	2,805	6,423	2,290	1,821
99	75	843	1,653	3,618	2,189	1,720
100	76	509	0,937	1,965	2,098	1,630

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	20 529,744	318 079,039	15,494	15,025
26	1	98 760	19 208,448	297 549,295	15,491	15,022
27	2	98 691	18 023,390	278 340,847	15,443	14,975
28	3	98 627	16 912,426	260 317,457	15,392	14,923
29	4	98 564	15 870,142	243 405,031	15,337	14,869
30	5	98 499	14 891,655	227 534,889	15,279	14,811
31	6	98 435	13 973,671	212 643,235	15,217	14,749
32	7	98 360	13 110,923	198 669,564	15,153	14,684
33	8	98 287	12 301,495	185 558,641	15,084	14,615
34	9	98 211	11 541,783	173 257,146	15,011	14,543
35	10	98 125	10 827,928	161 715,363	14,935	14,466
36	11	98 033	10 157,440	150 887,435	14,855	14,386
37	12	97 938	9 528,331	140 729,995	14,770	14,301
38	13	97 839	8 937,699	131 201,664	14,680	14,211
39	14	97 728	8 382,680	122 263,965	14,585	14,117
40	15	97 611	7 861,645	113 881,286	14,486	14,017
41	16	97 476	7 371,627	106 019,640	14,382	13,913
42	17	97 333	6 911,573	98 648,013	14,273	13,804
43	18	97 174	6 479,121	91 736,440	14,159	13,690
44	19	96 995	6 072,482	85 257,320	14,040	13,571
45	20	96 802	5 690,524	79 184,838	13,915	13,446
46	21	96 586	5 331,305	73 494,314	13,785	13,317
47	22	96 359	4 994,156	68 163,009	13,649	13,180
48	23	96 103	4 676,882	63 168,853	13,507	13,038
49	24	95 815	4 378,259	58 491,971	13,360	12,891
50	25	95 497	4 097,410	54 113,711	13,207	12,738
51	26	95 143	3 833,084	50 016,301	13,049	12,580
52	27	94 758	3 584,547	46 183,217	12,884	12,415
53	28	94 318	3 350,145	42 598,670	12,715	12,247
54	29	93 824	3 129,210	39 248,526	12,543	12,074
55	30	93 277	2 921,091	36 119,316	12,365	11,896
56	31	92 676	2 725,135	33 198,224	12,182	11,713
57	32	92 013	2 540,524	30 473,089	11,995	11,526
58	33	91 288	2 366,659	27 932,565	11,803	11,334
59	34	90 485	2 202,674	25 565,906	11,607	11,138
60	35	89 613	2 048,305	23 363,232	11,406	10,937
61	36	88 678	1 903,213	21 314,926	11,199	10,731
62	37	87 662	1 766,589	19 411,713	10,988	10,520
63	38	86 559	1 637,900	17 645,124	10,773	10,304
64	39	85 378	1 516,947	16 007,224	10,552	10,084
65	40	84 109	1 403,192	14 490,277	10,327	9,858
66	41	82 760	1 296,424	13 087,085	10,095	9,626
67	42	81 345	1 196,488	11 790,661	9,854	9,386
68	43	79 819	1 102,377	10 594,172	9,610	9,142
69	44	78 255	1 014,822	9 491,795	9,353	8,884
70	45	76 562	932,270	8 476,973	9,093	8,624
71	46	74 764	854,807	7 544,703	8,826	8,357
72	47	72 847	782,065	6 689,895	8,554	8,085
73	48	70 841	714,106	5 907,831	8,273	7,804
74	49	68 726	650,506	5 193,725	7,984	7,515
75	50	66 481	590,846	4 543,218	7,689	7,221
76	51	64 092	534,849	3 952,372	7,390	6,921
77	52	61 543	482,234	3 417,523	7,087	6,618
78	53	58 859	433,055	2 935,290	6,778	6,309
79	54	55 984	386,761	2 502,234	6,470	6,001
80	55	52 897	343,136	2 115,473	6,165	5,696
81	56	49 633	302,312	1 772,337	5,863	5,394
82	57	46 163	264,016	1 470,025	5,568	5,099
83	58	42 541	228,451	1 206,009	5,279	4,810
84	59	38 762	195,451	977,558	5,002	4,533
85	60	34 898	165,226	782,107	4,734	4,265
86	61	30 978	137,716	616,880	4,479	4,011
87	62	27 107	113,154	479,165	4,235	3,766
88	63	23 359	91,558	366,011	3,998	3,529
89	64	19 782	72,804	274,453	3,770	3,301
90	65	16 448	56,839	201,649	3,548	3,079
91	66	13 386	43,436	144,810	3,334	2,865
92	67	10 584	32,246	101,374	3,144	2,675
93	68	8 131	23,261	69,128	2,972	2,503
94	69	6 085	16,347	45,867	2,806	2,337
95	70	4 372	11,027	29,521	2,677	2,208
96	71	3 084	7,303	18,494	2,532	2,064
97	72	2 091	4,651	11,191	2,406	1,938
98	73	1 364	2,849	6,540	2,296	1,827
99	74	858	1,681	3,691	2,195	1,727
100	75	519	0,955	2,010	2,105	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 548 726,833	15,487	15,018
1	1	99 340	93 058,587	1 448 726,833	15,568	15,099
2	2	99 290	87 130,437	1 355 668,246	15,559	15,090
3	3	99 263	81 598,570	1 268 537,809	15,546	15,077
4	4	99 238	76 419,995	1 186 939,239	15,532	15,063
5	5	99 218	71 573,005	1 110 519,245	15,516	15,047
6	6	99 201	67 035,966	1 038 946,239	15,498	15,029
7	7	99 184	62 786,512	971 910,274	15,480	15,010
8	8	99 171	58 808,553	909 123,762	15,459	14,990
9	9	99 157	55 082,081	850 315,208	15,437	14,968
10	10	99 142	51 591,652	795 233,127	15,414	14,945
11	11	99 129	48 322,836	743 641,475	15,389	14,920
12	12	99 112	45 259,880	695 318,639	15,363	14,894
13	13	99 097	42 391,337	650 058,760	15,335	14,866
14	14	99 079	39 703,653	607 667,423	15,305	14,836
15	15	99 056	37 184,723	567 963,769	15,274	14,805
16	16	99 029	34 823,872	530 779,046	15,242	14,773
17	17	98 990	32 608,890	495 955,174	15,209	14,740
18	18	98 946	30 533,542	463 346,284	15,175	14,706
19	19	98 888	28 586,062	432 812,742	15,141	14,672
20	20	98 828	26 762,164	404 226,680	15,104	14,635
21	21	98 765	25 054,003	377 464,516	15,066	14,597
22	22	98 704	23 455,412	352 410,514	15,025	14,556
23	23	98 643	21 958,573	328 955,101	14,981	14,512
24	24	98 576	20 556,184	306 996,529	14,935	14,465
25	25	98 512	19 243,806	286 440,344	14,885	14,416
26	26	98 446	18 014,952	267 196,538	14,832	14,363
27	27	98 380	16 864,555	249 181,586	14,775	14,306
28	28	98 307	15 786,392	232 317,032	14,716	14,247
29	29	98 232	14 776,886	216 530,640	14,653	14,184
30	30	98 150	13 831,010	201 753,754	14,587	14,118
31	31	98 064	12 945,140	187 922,744	14,517	14,048
32	32	97 966	12 114,380	174 977,604	14,444	13,975
33	33	97 863	11 336,479	162 863,224	14,366	13,897
34	34	97 759	10 608,334	151 526,745	14,284	13,815
35	35	97 642	9 925,663	140 918,411	14,197	13,728
36	36	97 516	9 286,052	130 992,747	14,106	13,637
37	37	97 384	8 687,084	121 706,696	14,010	13,541
38	38	97 248	8 126,417	113 019,611	13,908	13,439
39	39	97 089	7 600,126	104 893,194	13,802	13,332
40	40	96 925	7 107,549	97 293,068	13,689	13,220
41	41	96 737	6 645,245	90 185,518	13,571	13,102
42	42	96 536	6 212,066	83 540,273	13,448	12,979
43	43	96 312	5 805,773	77 328,207	13,319	12,850
44	44	96 067	5 424,871	71 522,433	13,184	12,715
45	45	95 797	5 067,547	66 097,563	13,043	12,574
46	46	95 495	4 732,144	61 030,016	12,897	12,428
47	47	95 165	4 417,621	56 297,872	12,744	12,275
48	48	94 793	4 122,082	51 880,251	12,586	12,117
49	49	94 378	3 844,522	47 758,169	12,422	11,953
50	50	93 910	3 583,590	43 913,647	12,254	11,785
51	51	93 395	3 338,591	40 330,057	12,080	11,611
52	52	92 829	3 108,530	36 991,466	11,900	11,431
53	53	92 192	2 891,967	33 882,936	11,716	11,247
54	54	91 481	2 688,227	30 990,970	11,528	11,059
55	55	90 697	2 496,671	28 302,743	11,336	10,867
56	56	89 841	2 316,721	25 806,072	11,139	10,670
57	57	88 905	2 147,606	23 489,351	10,937	10,468
58	58	87 882	1 988,668	21 341,744	10,732	10,263
59	59	86 756	1 839,050	19 353,076	10,523	10,054
60	60	85 538	1 698,583	17 514,026	10,311	9,842
61	61	84 223	1 566,710	15 815,443	10,095	9,626
62	62	82 831	1 443,396	14 248,733	9,872	9,403
63	63	81 330	1 327,613	12 805,337	9,645	9,176
64	64	79 738	1 219,332	11 477,724	9,413	8,944
65	65	78 027	1 117,719	10 258,392	9,178	8,709
66	66	76 212	1 022,693	9 140,673	8,938	8,469
67	67	74 312	934,135	8 117,980	8,690	8,221
68	68	72 270	851,026	7 183,845	8,441	7,972
69	69	70 194	774,313	6 332,819	8,179	7,710
70	70	67 978	702,447	5 558,506	7,913	7,444
71	71	65 645	635,450	4 856,059	7,642	7,173
72	72	63 186	572,974	4 220,609	7,366	6,897
73	73	60 647	515,176	3 647,635	7,080	6,611
74	74	58 019	461,684	3 132,459	6,785	6,316
75	75	55 263	411,949	2 670,774	6,483	6,014
76	76	52 364	365,659	2 258,826	6,177	5,708
77	77	49 293	322,449	1 893,166	5,871	5,402
78	78	46 104	282,518	1 570,717	5,560	5,091
79	79	42 737	245,322	1 288,199	5,251	4,782
80	80	39 169	210,626	1 042,877	4,951	4,482
81	81	35 458	178,614	832,251	4,659	4,190
82	82	31 640	149,305	653,637	4,378	3,909
83	83	27 801	122,892	504,332	4,104	3,635
84	84	23 966	99,239	381,440	3,844	3,375
85	85	20 224	78,449	282,200	3,597	3,128
86	86	16 656	60,523	203,751	3,367	2,897
87	87	13 353	45,456	143,228	3,151	2,682
88	88	10 406	33,183	97,773	2,946	2,477
89	89	7 852	23,456	64,590	2,754	2,285
90	90	5 716	15,994	41,134	2,572	2,103
91	91	3 996	10,474	25,140	2,400	1,931
92	92	2 654	6,516	14,666	2,251	1,782
93	93	1 672	3,847	8,150	2,118	1,649
94	94	1 000	2,155	4,303	1,997	1,527
95	95	556	1,122	2,148	1,915	1,445
96	96	298	0,563	1,026	1,821	1,352
97	97	150	0,265	0,462	1,745	1,275
98	98	72	0,119	0,197	1,661	1,192
99	99	32	0,049	0,079	1,589	1,120
100	100	13	0,019	0,029	1,527	1,058

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 547 850,236	15,526	15,057	50	51	93 725	3 576,527	43 595,730	12,189	11,720
1	2	99 317	93 037,085	1 448 156,622	15,565	15,096	51	52	93 189	3 331,217	40 019,203	12,013	11,544
2	3	99 278	87 120,061	1 355 119,537	15,555	15,085	52	53	92 601	3 100,897	36 687,986	11,831	11,362
3	4	99 251	81 588,849	1 267 999,476	15,541	15,072	53	54	91 940	2 884,063	33 587,089	11,646	11,177
4	5	99 229	76 413,046	1 186 410,627	15,526	15,057	54	55	91 206	2 680,136	30 703,026	11,456	10,987
5	6	99 210	71 567,638	1 109 997,581	15,510	15,041	55	56	90 397	2 488,399	28 022,890	11,261	10,792
6	7	99 194	67 031,553	1 038 429,944	15,492	15,023	56	57	89 516	2 308,337	25 534,491	11,062	10,593
7	8	99 179	62 783,417	971 398,391	15,472	15,003	57	58	88 550	2 139,033	23 226,154	10,858	10,389
8	9	99 165	58 804,912	908 614,974	15,451	14,982	58	59	87 494	1 979,897	21 087,121	10,651	10,181
9	10	99 150	55 078,517	849 810,061	15,429	14,960	59	60	86 337	1 830,167	19 107,224	10,440	9,971
10	11	99 136	51 588,595	794 731,544	15,405	14,936	60	61	85 077	1 689,426	17 277,057	10,227	9,757
11	12	99 121	48 319,236	743 142,949	15,380	14,911	61	62	83 752	1 557,944	15 587,630	10,005	9,536
12	13	99 105	45 256,299	694 823,713	15,353	14,884	62	63	82 328	1 434,625	14 029,687	9,779	9,310
13	14	99 088	42 387,704	649 567,414	15,324	14,855	63	64	80 794	1 318,872	12 595,062	9,550	9,081
14	15	99 068	39 699,487	607 179,711	15,294	14,825	64	65	79 157	1 210,446	11 276,190	9,316	8,847
15	16	99 044	37 180,072	567 480,223	15,263	14,794	65	66	77 402	1 108,763	10 065,744	9,078	8,609
16	17	99 015	34 818,958	530 300,152	15,230	14,761	66	67	75 547	1 013,760	8 956,981	8,835	8,366
17	18	98 975	32 604,116	495 481,194	15,197	14,728	67	68	73 591	925,079	7 943,221	8,587	8,117
18	19	98 926	30 527,324	462 877,078	15,163	14,694	68	69	71 532	842,333	7 018,142	8,332	7,863
19	20	98 869	28 580,544	432 349,754	15,127	14,658	69	70	69 410	765,662	6 175,809	8,066	7,597
20	21	98 809	26 757,208	403 769,210	15,090	14,621	70	71	67 149	693,889	5 410,147	7,797	7,328
21	22	98 749	25 049,855	377 012,002	15,050	14,581	71	72	64 766	626,941	4 716,258	7,523	7,054
22	23	98 687	23 451,353	351 962,147	15,008	14,539	72	73	62 276	564,717	4 089,317	7,241	6,772
23	24	98 621	21 953,808	328 510,794	14,964	14,495	73	74	59 708	507,200	3 524,599	6,949	6,480
24	25	98 559	20 552,698	306 556,986	14,916	14,447	74	75	57 026	453,786	3 017,399	6,649	6,180
25	26	98 493	19 240,218	286 004,287	14,865	14,396	75	76	54 209	404,094	2 563,614	6,344	5,875
26	27	98 427	18 011,446	266 764,069	14,811	14,342	76	77	51 221	357,679	2 159,520	6,038	5,568
27	28	98 359	16 860,871	248 752,623	14,753	14,284	77	78	48 088	314,565	1 801,841	5,728	5,259
28	29	98 282	15 782,455	231 891,752	14,693	14,224	78	79	44 809	274,579	1 487,276	5,417	4,947
29	30	98 206	14 773,062	216 109,296	14,629	14,159	79	80	41 330	237,246	1 212,698	5,112	4,642
30	31	98 121	13 826,903	201 336,234	14,561	14,092	80	81	37 665	202,536	975,452	4,816	4,347
31	32	98 033	12 941,008	187 509,332	14,490	14,020	81	82	33 896	170,744	772,916	4,527	4,058
32	33	97 932	12 110,175	174 568,323	14,415	13,946	82	83	30 048	141,789	602,172	4,247	3,778
33	34	97 828	11 332,443	162 458,148	14,336	13,867	83	84	26 186	115,754	460,383	3,977	3,508
34	35	97 720	10 604,185	151 125,705	14,252	13,782	84	85	22 355	92,569	344,629	3,723	3,254
35	36	97 602	9 921,668	140 521,520	14,163	13,694	85	86	18 662	72,391	252,060	3,482	3,013
36	37	97 470	9 281,698	130 599,852	14,071	13,602	86	87	15 175	55,142	179,669	3,258	2,789
37	38	97 339	8 683,086	121 318,154	13,972	13,503	87	88	12 002	40,856	124,527	3,048	2,579
38	39	97 191	8 121,658	112 635,067	13,868	13,399	88	89	9 211	29,372	83,671	2,849	2,379
39	40	97 031	7 595,599	104 513,409	13,760	13,291	89	90	6 824	20,385	54,299	2,664	2,195
40	41	96 859	7 102,725	96 917,811	13,645	13,176	90	91	4 870	13,628	33,914	2,489	2,019
41	42	96 664	6 640,176	89 815,085	13,526	13,057	91	92	3 327	8,721	20,286	2,326	1,857
42	43	96 455	6 206,912	83 174,909	13,400	12,931	92	93	2 156	5,294	11,565	2,184	1,715
43	44	96 225	5 800,549	76 967,998	13,269	12,800	93	94	1 323	3,042	6,270	2,061	1,592
44	45	95 969	5 419,337	71 167,449	13,132	12,663	94	95	765	1,648	3,228	1,958	1,489
45	46	95 691	5 061,912	65 748,112	12,989	12,520	95	96	417	0,842	1,580	1,875	1,406
46	47	95 374	4 726,136	60 686,200	12,841	12,371	96	97	218	0,412	0,737	1,791	1,322
47	48	95 029	4 411,288	55 960,065	12,686	12,217	97	98	108	0,192	0,326	1,700	1,231
48	49	94 641	4 115,488	51 548,777	12,526	12,056	98	99	50	0,083	0,134	1,623	1,154
49	50	94 207	3 837,558	47 433,289	12,360	11,891	99	100	21	0,033	0,051	1,557	1,087

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 547 228,701	15,523	15,054
1	3	99 305	93 026,006	1 447 558,122	15,561	15,092
2	4	99 266	87 109,682	1 354 532,116	15,550	15,081
3	5	99 242	81 581,430	1 267 422,434	15,536	15,067
4	6	99 222	76 407,315	1 185 841,004	15,520	15,051
5	7	99 204	71 562,927	1 109 433,689	15,503	15,034
6	8	99 189	67 028,249	1 037 870,762	15,484	15,015
7	9	99 173	62 779,530	970 842,513	15,464	14,995
8	10	99 158	58 801,107	908 062,984	15,443	14,974
9	11	99 144	55 075,254	849 261,876	15,420	14,951
10	12	99 129	51 584,752	794 186,623	15,396	14,927
11	13	99 113	48 315,414	742 601,870	15,370	14,901
12	14	99 096	45 252,420	694 286,457	15,343	14,873
13	15	99 078	42 383,256	649 034,037	15,313	14,844
14	16	99 056	39 694,521	606 650,782	15,283	14,814
15	17	99 030	37 174,825	566 956,261	15,251	14,782
16	18	99 001	34 813,860	529 781,436	15,218	14,748
17	19	98 955	32 597,476	494 967,576	15,184	14,715
18	20	98 907	30 521,431	462 370,100	15,149	14,680
19	21	98 851	28 575,252	431 848,669	15,113	14,644
20	22	98 793	26 752,779	403 273,417	15,074	14,605
21	23	98 731	25 045,520	376 520,638	15,033	14,564
22	24	98 666	23 446,265	351 475,118	14,991	14,522
23	25	98 605	21 950,085	328 028,853	14,944	14,475
24	26	98 541	20 548,866	306 078,768	14,895	14,426
25	27	98 474	19 236,474	285 529,902	14,843	14,374
26	28	98 405	18 007,512	266 293,427	14,788	14,319
27	29	98 334	16 856,666	248 285,915	14,729	14,260
28	30	98 257	15 778,371	231 429,249	14,667	14,198
29	31	98 177	14 768,675	215 650,878	14,602	14,133
30	32	98 090	13 822,489	200 882,203	14,533	14,064
31	33	97 999	12 936,517	187 059,713	14,460	13,991
32	34	97 897	12 105,864	174 123,196	14,383	13,914
33	35	97 790	11 328,011	162 017,333	14,302	13,833
34	36	97 681	10 599,917	150 689,322	14,216	13,747
35	37	97 557	9 917,017	140 089,405	14,126	13,657
36	38	97 425	9 277,426	130 172,388	14,031	13,562
37	39	97 282	8 678,001	120 894,962	13,931	13,462
38	40	97 133	8 116,820	112 216,961	13,825	13,356
39	41	96 965	7 590,443	104 100,141	13,715	13,246
40	42	96 785	7 097,307	96 509,697	13,598	13,129
41	43	96 583	6 634,666	89 412,390	13,477	13,007
42	44	96 369	6 201,326	82 777,725	13,348	12,879
43	45	96 127	5 794,632	76 576,399	13,215	12,746
44	46	95 863	5 413,311	70 781,767	13,076	12,606
45	47	95 569	5 055,485	65 368,456	12,930	12,461
46	48	95 237	4 719,361	60 312,972	12,780	12,311
47	49	94 877	4 404,232	55 593,611	12,623	12,154
48	50	94 470	4 108,033	51 189,379	12,461	11,992
49	51	94 021	3 829,996	47 081,346	12,293	11,824
50	52	93 518	3 568,628	43 251,350	12,120	11,651
51	53	92 960	3 323,038	39 682,723	11,942	11,473
52	54	92 348	3 092,422	36 359,685	11,758	11,289
53	55	91 663	2 875,383	33 267,263	11,570	11,101
54	56	90 904	2 671,256	30 391,880	11,377	10,908
55	57	90 070	2 479,394	27 720,624	11,180	10,711
56	58	89 159	2 299,121	25 241,231	10,979	10,510
57	59	88 159	2 129,598	22 942,109	10,773	10,304
58	60	87 072	1 970,334	20 812,511	10,563	10,094
59	61	85 871	1 820,301	18 842,177	10,351	9,882
60	62	84 601	1 679,974	17 021,876	10,132	9,663
61	63	83 243	1 548,477	15 341,902	9,908	9,439
62	64	81 786	1 425,178	13 793,425	9,678	9,209
63	65	80 205	1 309,261	12 368,247	9,447	8,978
64	66	78 523	1 200,748	11 058,986	9,210	8,741
65	67	76 726	1 099,078	9 858,238	8,970	8,500
66	68	74 814	1 003,932	8 759,160	8,725	8,256
67	69	72 840	915,630	7 755,228	8,470	8,001
68	70	70 733	832,922	6 839,599	8,212	7,742
69	71	68 564	756,333	6 006,676	7,942	7,473
70	72	66 250	684,598	5 250,343	7,669	7,200
71	73	63 833	617,907	4 565,745	7,389	6,920
72	74	61 312	555,974	3 947,838	7,101	6,632
73	75	58 687	498,523	3 391,864	6,804	6,335
74	76	55 939	445,133	2 893,341	6,500	6,031
75	77	53 026	395,274	2 448,208	6,194	5,725
76	78	49 969	348,933	2 052,934	5,883	5,414
77	79	46 737	305,726	1 704,002	5,574	5,105
78	80	43 333	265,539	1 398,276	5,266	4,797
79	81	39 742	228,133	1 132,737	4,965	4,496
80	82	36 005	193,612	904,604	4,672	4,203
81	83	32 189	162,148	710,992	4,385	3,916
82	84	28 302	133,554	548,844	4,110	3,640
83	85	24 426	107,973	415,290	3,846	3,377
84	86	20 628	85,420	307,317	3,598	3,129
85	87	17 003	65,955	221,897	3,364	2,895
86	88	13 639	49,562	155,941	3,146	2,677
87	89	10 624	36,165	106,379	2,942	2,472
88	90	8 005	25,527	70,215	2,751	2,281
89	91	5 815	17,369	44,688	2,573	2,104
90	92	4 055	11,347	27,318	2,407	1,938
91	93	2 703	7,086	15,971	2,254	1,785
92	94	1 705	4,187	8,885	2,122	1,653
93	95	1 012	2,327	4,699	2,019	1,550
94	96	574	1,238	2,372	1,916	1,447
95	97	305	0,615	1,134	1,843	1,374
96	98	157	0,298	0,519	1,743	1,274
97	99	75	0,133	0,221	1,659	1,190
98	100	33	0,055	0,088	1,588	1,119

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 546 576,407	15,519	15,050
1	4	99 293	93 014,923	1 446 917,697	15,556	15,087
2	5	99 257	87 101,761	1 353 902,773	15,544	15,075
3	6	99 234	81 575,312	1 266 801,012	15,529	15,060
4	7	99 215	76 402,285	1 185 225,701	15,513	15,044
5	8	99 199	71 559,399	1 108 823,415	15,495	15,026
6	9	99 183	67 024,099	1 037 264,016	15,476	15,007
7	10	99 167	62 775,468	970 239,917	15,456	14,987
8	11	99 152	58 797,623	907 464,450	15,434	14,965
9	12	99 137	55 071,151	848 666,827	15,410	14,941
10	13	99 121	51 580,671	793 595,675	15,386	14,916
11	14	99 105	48 311,272	742 015,004	15,359	14,890
12	15	99 086	45 247,671	693 703,732	15,331	14,862
13	16	99 066	42 377,953	648 456,061	15,302	14,833
14	17	99 042	39 688,920	606 078,108	15,271	14,802
15	18	99 016	37 169,382	566 389,188	15,238	14,769
16	19	98 981	34 806,771	529 219,806	15,205	14,735
17	20	98 936	32 591,184	494 413,035	15,170	14,701
18	21	98 889	30 515,780	461 821,851	15,134	14,665
19	22	98 834	28 570,521	431 306,072	15,096	14,627
20	23	98 776	26 748,149	402 735,551	15,057	14,587
21	24	98 710	25 040,086	375 987,402	15,015	14,546
22	25	98 649	23 442,289	350 947,316	14,971	14,502
23	26	98 586	21 945,992	327 505,027	14,923	14,454
24	27	98 522	20 544,868	305 559,035	14,873	14,404
25	28	98 453	19 232,273	285 014,167	14,820	14,350
26	29	98 381	18 003,021	265 781,894	14,763	14,294
27	30	98 309	16 852,304	247 778,873	14,703	14,234
28	31	98 228	15 773,686	230 926,569	14,640	14,171
29	32	98 146	14 763,961	215 152,883	14,573	14,104
30	33	98 056	13 817,692	200 388,922	14,502	14,033
31	34	97 964	12 931,911	186 571,229	14,427	13,958
32	35	97 858	12 101,129	173 639,318	14,349	13,880
33	36	97 750	11 323,452	161 538,190	14,266	13,797
34	37	97 635	10 594,947	150 214,738	14,178	13,709
35	38	97 512	9 912,453	139 619,791	14,085	13,616
36	39	97 368	9 271,993	129 707,339	13,989	13,520
37	40	97 224	8 672,832	120 435,346	13,887	13,417
38	41	97 067	8 111,311	111 762,514	13,779	13,309
39	42	96 891	7 584,653	103 651,203	13,666	13,197
40	43	96 705	7 091,418	96 066,550	13,547	13,078
41	44	96 496	6 628,695	88 975,132	13,423	12,954
42	45	96 270	6 195,000	82 346,437	13,292	12,823
43	46	96 020	5 788,188	76 151,437	13,156	12,687
44	47	95 741	5 406,437	70 363,249	13,015	12,546
45	48	95 432	5 048,237	64 956,811	12,867	12,398
46	49	95 085	4 711,812	59 908,574	12,715	12,245
47	50	94 705	4 396,254	55 196,762	12,555	12,086
48	51	94 283	4 099,938	50 800,509	12,391	11,921
49	52	93 813	3 821,536	46 700,571	12,220	11,751
50	53	93 288	3 559,866	42 879,035	12,045	11,576
51	54	92 706	3 313,956	39 319,169	11,865	11,396
52	55	92 070	3 083,115	36 005,214	11,678	11,209
53	56	91 359	2 865,856	32 922,099	11,488	11,019
54	57	90 575	2 661,589	30 056,243	11,293	10,823
55	58	89 710	2 469,495	27 394,654	11,093	10,624
56	59	88 765	2 288,981	24 925,159	10,889	10,420
57	60	87 733	2 119,312	22 636,178	10,681	10,212
58	61	86 602	1 959,712	20 516,866	10,469	10,000
59	62	85 391	1 810,116	18 557,154	10,252	9,783
60	63	84 087	1 669,765	16 747,037	10,030	9,560
61	64	82 694	1 538,281	15 077,272	9,801	9,332
62	65	81 190	1 414,793	13 538,991	9,570	9,100
63	66	79 563	1 298,771	12 124,199	9,335	8,866
64	67	77 837	1 190,259	10 825,428	9,095	8,626
65	68	75 982	1 088,423	9 635,169	8,852	8,383
66	69	74 050	993,677	8 546,746	8,601	8,132
67	70	72 026	905,400	7 553,069	8,342	7,873
68	71	69 871	822,774	6 647,669	8,080	7,610
69	72	67 646	746,206	5 824,895	7,806	7,337
70	73	65 296	674,733	5 078,689	7,527	7,058
71	74	62 844	608,340	4 403,956	7,239	6,770
72	75	60 263	546,462	3 795,616	6,946	6,477
73	76	57 568	489,017	3 249,153	6,644	6,175
74	77	54 718	435,418	2 760,136	6,339	5,870
75	78	51 729	385,609	2 324,719	6,029	5,560
76	79	48 565	339,128	1 939,110	5,718	5,249
77	80	45 198	295,660	1 599,982	5,412	4,942
78	81	41 669	255,340	1 304,322	5,108	4,639
79	82	37 991	218,081	1 048,982	4,810	4,341
80	83	34 192	183,865	830,901	4,519	4,050
81	84	30 320	152,730	647,036	4,236	3,767
82	85	26 400	124,576	494,306	3,968	3,499
83	86	22 540	99,635	369,729	3,711	3,242
84	87	18 794	77,826	270,094	3,470	3,001
85	88	15 282	59,281	192,268	3,243	2,774
86	89	12 073	43,871	132,987	3,031	2,562
87	90	9 233	31,430	89,116	2,835	2,366
88	91	6 821	21,751	57,686	2,652	2,183
89	92	4 842	14,463	35,935	2,485	2,016
90	93	3 295	9,219	21,472	2,329	1,860
91	94	2 138	5,603	12,253	2,187	1,718
92	95	1 304	3,202	6,650	2,077	1,608
93	96	760	1,747	3,448	1,973	1,504
94	97	420	0,904	1,701	1,881	1,412
95	98	220	0,445	0,796	1,790	1,321
96	99	109	0,207	0,352	1,699	1,230
97	100	50	0,089	0,145	1,622	1,153

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 545 878,800	15,514	15,044
1	5	99 284	93 006,465	1 446 231,963	15,550	15,081
2	6	99 250	87 095,229	1 353 225,498	15,537	15,068
3	7	99 228	81 569,942	1 266 130,269	15,522	15,053
4	8	99 210	76 398,519	1 184 560,327	15,505	15,036
5	9	99 193	71 554,969	1 108 161,808	15,487	15,018
6	10	99 177	67 019,762	1 036 606,839	15,467	14,998
7	11	99 161	62 771,748	969 587,077	15,446	14,977
8	12	99 145	58 793,244	906 815,329	15,424	14,955
9	13	99 129	55 066,794	848 022,086	15,400	14,931
10	14	99 113	51 576,250	792 955,291	15,374	14,905
11	15	99 095	48 306,202	741 379,042	15,347	14,878
12	16	99 073	45 242,010	693 072,839	15,319	14,850
13	17	99 052	42 371,974	647 830,829	15,289	14,820
14	18	99 028	39 683,108	605 458,855	15,257	14,788
15	19	98 995	37 161,813	565 775,747	15,225	14,756
16	20	98 961	34 800,052	528 613,934	15,190	14,721
17	21	98 918	32 585,149	493 813,882	15,155	14,685
18	22	98 872	30 510,727	461 228,733	15,117	14,648
19	23	98 817	28 565,577	430 718,005	15,078	14,609
20	24	98 755	26 742,345	402 152,428	15,038	14,569
21	25	98 693	25 035,840	375 410,083	14,995	14,526
22	26	98 631	23 437,918	350 374,243	14,949	14,480
23	27	98 567	21 941,722	326 936,326	14,900	14,431
24	28	98 500	20 540,380	304 994,603	14,849	14,379
25	29	98 428	19 227,476	284 454,223	14,794	14,325
26	30	98 355	17 998,362	265 226,746	14,736	14,267
27	31	98 280	16 847,300	247 228,384	14,675	14,206
28	32	98 196	15 768,651	230 381,084	14,610	14,141
29	33	98 112	14 758,838	214 612,433	14,541	14,072
30	34	98 021	13 812,773	199 853,596	14,469	14,000
31	35	97 926	12 926,853	186 040,823	14,392	13,923
32	36	97 819	12 096,258	173 113,970	14,311	13,842
33	37	97 705	11 318,143	161 017,712	14,227	13,757
34	38	97 590	10 590,071	149 699,569	14,136	13,667
35	39	97 455	9 906,647	139 109,498	14,042	13,573
36	40	97 310	9 266,470	129 202,851	13,943	13,474
37	41	97 158	8 666,945	119 936,381	13,838	13,369
38	42	96 993	8 105,123	111 269,436	13,728	13,259
39	43	96 811	7 578,359	103 164,313	13,613	13,144
40	44	96 618	7 085,036	95 585,953	13,491	13,022
41	45	96 398	6 621,934	88 500,918	13,365	12,896
42	46	96 163	6 188,112	81 878,984	13,232	12,763
43	47	95 898	5 780,839	75 690,873	13,093	12,624
44	48	95 604	5 398,687	69 910,034	12,949	12,480
45	49	95 279	5 040,162	64 511,347	12,799	12,330
46	50	94 912	4 703,276	59 471,184	12,645	12,176
47	51	94 518	4 387,590	54 767,908	12,482	12,013
48	52	94 075	4 090,882	50 380,318	12,315	11,846
49	53	93 583	3 812,153	46 289,436	12,143	11,673
50	54	93 033	3 550,136	42 477,283	11,965	11,496
51	55	92 427	3 303,982	38 927,147	11,782	11,313
52	56	91 765	3 072,899	35 623,165	11,593	11,124
53	57	91 029	2 855,484	32 550,266	11,399	10,930
54	58	90 213	2 650,963	29 694,781	11,202	10,732
55	59	89 315	2 458,603	27 043,818	11,000	10,531
56	60	88 337	2 277,925	24 585,215	10,793	10,324
57	61	87 260	2 107,887	22 307,290	10,583	10,114
58	62	86 118	1 948,747	20 199,403	10,365	9,896
59	63	84 872	1 799,117	18 250,655	10,144	9,675
60	64	83 533	1 658,771	16 451,538	9,918	9,449
61	65	82 092	1 527,071	14 792,768	9,687	9,218
62	66	80 539	1 403,457	13 265,697	9,452	8,983
63	67	78 868	1 287,425	11 862,240	9,214	8,745
64	68	77 082	1 178,720	10 574,814	8,971	8,502
65	69	75 206	1 077,305	9 396,094	8,722	8,253
66	70	73 223	982,575	8 318,789	8,466	7,997
67	71	71 148	894,369	7 336,214	8,203	7,734
68	72	68 935	811,757	6 441,845	7,936	7,467
69	73	66 671	735,454	5 630,088	7,655	7,186
70	74	64 285	664,286	4 894,634	7,368	6,899
71	75	61 769	597,933	4 230,348	7,075	6,606
72	76	59 114	536,043	3 632,415	6,776	6,307
73	77	56 311	478,344	3 096,373	6,473	6,004
74	78	53 380	424,771	2 618,029	6,163	5,694
75	79	50 276	374,773	2 193,258	5,852	5,383
76	80	46 966	327,962	1 818,485	5,545	5,076
77	81	43 462	284,304	1 490,523	5,243	4,774
78	82	39 833	244,089	1 206,218	4,942	4,473
79	83	36 079	207,103	962,129	4,646	4,177
80	84	32 206	173,186	755,027	4,360	3,891
81	85	28 282	142,464	581,841	4,084	3,615
82	86	24 361	114,956	439,377	3,822	3,353
83	87	20 536	90,777	324,421	3,574	3,105
84	88	16 892	69,951	233,644	3,340	2,871
85	89	13 527	52,474	163,693	3,120	2,650
86	90	10 492	38,128	111,219	2,917	2,448
87	91	7 867	26,780	73,091	2,729	2,260
88	92	5 680	18,111	46,311	2,557	2,088
89	93	3 934	11,750	28,200	2,400	1,931
90	94	2 605	7,291	16,450	2,256	1,787
91	95	1 635	4,286	9,159	2,137	1,668
92	96	979	2,405	4,874	2,027	1,558
93	97	555	1,277	2,469	1,934	1,465
94	98	303	0,654	1,193	1,825	1,355
95	99	153	0,309	0,539	1,743	1,274
96	100	73	0,139	0,230	1,658	1,189

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 545 132,327	15,507	15,038
1	6	99 277	92 999,490	1 445 494,551	15,543	15,074
2	7	99 243	87 089,496	1 352 495,061	15,530	15,061
3	8	99 223	81 565,921	1 265 405,565	15,514	15,045
4	9	99 204	76 393,789	1 183 839,644	15,497	15,027
5	10	99 186	71 550,338	1 107 445,855	15,478	15,009
6	11	99 171	67 015,791	1 035 895,516	15,457	14,988
7	12	99 153	62 767,072	968 879,726	15,436	14,967
8	13	99 137	58 788,592	906 112,653	15,413	14,944
9	14	99 121	55 062,074	847 324,061	15,389	14,919
10	15	99 102	51 570,837	792 261,987	15,363	14,893
11	16	99 082	48 300,159	740 691,149	15,335	14,866
12	17	99 059	45 235,627	692 390,990	15,306	14,837
13	18	99 037	42 365,770	647 155,363	15,275	14,806
14	19	99 007	39 675,027	604 789,594	15,244	14,774
15	20	98 976	37 154,640	565 114,566	15,210	14,741
16	21	98 943	34 793,608	527 959,927	15,174	14,705
17	22	98 901	32 579,754	493 166,318	15,137	14,668
18	23	98 855	30 505,448	460 586,564	15,099	14,629
19	24	98 796	28 559,379	430 081,116	15,059	14,590
20	25	98 738	26 737,811	401 521,738	15,017	14,548
21	26	98 675	25 031,171	374 783,927	14,973	14,504
22	27	98 612	23 433,358	349 752,756	14,925	14,456
23	28	98 546	21 936,930	326 319,398	14,875	14,406
24	29	98 476	20 535,258	304 382,469	14,822	14,353
25	30	98 403	19 222,501	283 847,211	14,766	14,297
26	31	98 326	17 993,018	264 624,710	14,707	14,238
27	32	98 248	16 841,922	246 631,692	14,644	14,175
28	33	98 162	15 763,178	229 789,770	14,578	14,109
29	34	98 077	14 753,583	214 026,592	14,507	14,038
30	35	97 982	13 807,370	199 273,009	14,432	13,963
31	36	97 886	12 921,650	185 465,639	14,353	13,884
32	37	97 773	12 090,587	172 543,988	14,271	13,802
33	38	97 660	11 312,934	160 453,401	14,183	13,714
34	39	97 533	10 583,869	149 140,468	14,091	13,622
35	40	97 397	9 900,746	138 556,599	13,995	13,525
36	41	97 244	9 260,181	128 655,853	13,893	13,424
37	42	97 084	8 660,334	119 395,673	13,786	13,317
38	43	96 912	8 098,398	110 735,339	13,674	13,205
39	44	96 723	7 571,539	102 636,941	13,556	13,086
40	45	96 519	7 077,809	95 065,402	13,431	12,962
41	46	96 291	6 614,570	87 987,593	13,302	12,833
42	47	96 041	6 180,254	81 373,023	13,167	12,697
43	48	95 761	5 772,552	75 192,769	13,026	12,557
44	49	95 451	5 390,051	69 420,217	12,879	12,410
45	50	95 107	5 031,032	64 030,165	12,727	12,258
46	51	94 725	4 694,008	58 999,133	12,569	12,100
47	52	94 310	4 377,899	54 305,125	12,404	11,935
48	53	93 844	4 080,838	49 927,227	12,235	11,765
49	54	93 327	3 801,734	45 846,389	12,059	11,590
50	55	92 753	3 539,451	42 044,655	11,879	11,410
51	56	92 121	3 293,034	38 505,204	11,693	11,224
52	57	91 433	3 061,779	35 212,169	11,501	11,031
53	58	90 665	2 844,084	32 150,390	11,304	10,835
54	59	89 815	2 639,271	29 306,306	11,104	10,635
55	60	88 883	2 446,728	26 667,035	10,899	10,430
56	61	87 860	2 265,645	24 220,307	10,690	10,221
57	62	86 772	2 096,093	21 954,662	10,474	10,005
58	63	85 594	1 936,906	19 858,569	10,253	9,784
59	64	84 313	1 787,271	17 921,663	10,027	9,558
60	65	82 925	1 646,683	16 134,392	9,798	9,329
61	66	81 434	1 514,836	14 487,710	9,564	9,095
62	67	79 836	1 391,197	12 972,874	9,325	8,856
63	68	78 103	1 274,945	11 581,677	9,084	8,615
64	69	76 295	1 166,680	10 306,732	8,834	8,365
65	70	74 366	1 065,269	9 140,053	8,580	8,111
66	71	72 331	970,604	8 074,783	8,319	7,850
67	72	70 196	882,393	7 104,179	8,051	7,582
68	73	67 942	800,060	6 221,786	7,777	7,308
69	74	65 639	724,067	5 421,726	7,488	7,019
70	75	63 185	652,921	4 697,659	7,195	6,726
71	76	60 591	586,532	4 044,738	6,896	6,427
72	77	57 823	524,343	3 458,206	6,595	6,126
73	78	54 934	466,647	2 933,863	6,287	5,818
74	79	51 880	412,835	2 467,216	5,976	5,507
75	80	48 621	362,434	2 054,381	5,668	5,199
76	81	45 162	315,366	1 691,947	5,365	4,896
77	82	41 547	271,777	1 376,581	5,065	4,596
78	83	37 828	231,801	1 104,804	4,766	4,297
79	84	33 983	195,074	873,003	4,475	4,006
80	85	30 042	161,544	677,929	4,197	3,727
81	86	26 098	131,462	516,385	3,928	3,459
82	87	22 195	104,736	384,922	3,675	3,206
83	88	18 458	81,591	280,187	3,434	2,965
84	89	14 953	61,918	198,595	3,207	2,738
85	90	11 756	45,604	136,677	2,997	2,528
86	91	8 940	32,487	91,072	2,803	2,334
87	92	6 551	22,299	58,585	2,627	2,158
88	93	4 614	14,714	36,286	2,466	1,997
89	94	3 111	9,292	21,572	2,322	1,852
90	95	1 993	5,576	12,280	2,202	1,733
91	96	1 228	3,218	6,704	2,083	1,614
92	97	715	1,757	3,486	1,984	1,515
93	98	401	0,923	1,729	1,874	1,405
94	99	211	0,455	0,806	1,774	1,305
95	100	103	0,207	0,352	1,699	1,230

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 544 330,236	15,501	15,031
1	7	99 270	92 993,369	1 444 699,932	15,536	15,066
2	8	99 238	87 085,203	1 351 706,563	15,522	15,053
3	9	99 217	81 560,871	1 264 621,360	15,505	15,036
4	10	99 198	76 388,846	1 183 060,489	15,487	15,018
5	11	99 180	71 546,099	1 106 671,643	15,468	14,999
6	12	99 164	67 010,799	1 035 125,545	15,447	14,978
7	13	99 145	62 762,107	968 114,745	15,425	14,956
8	14	99 129	58 783,553	905 352,639	15,401	14,932
9	15	99 110	55 056,296	846 569,086	15,376	14,907
10	16	99 090	51 564,386	791 512,790	15,350	14,881
11	17	99 068	48 293,344	739 948,404	15,322	14,853
12	18	99 045	45 229,003	691 655,060	15,292	14,823
13	19	99 017	42 357,142	646 426,057	15,261	14,792
14	20	98 988	39 667,369	604 068,914	15,228	14,759
15	21	98 958	37 147,760	564 401,545	15,193	14,724
16	22	98 927	34 787,848	527 253,785	15,156	14,687
17	23	98 884	32 574,116	492 465,937	15,118	14,649
18	24	98 834	30 498,828	459 891,821	15,079	14,610
19	25	98 779	28 554,536	429 392,993	15,038	14,569
20	26	98 719	26 732,825	400 838,457	14,994	14,525
21	27	98 656	25 026,301	374 105,632	14,948	14,479
22	28	98 590	23 428,239	349 079,331	14,900	14,431
23	29	98 521	21 931,459	325 651,092	14,849	14,379
24	30	98 450	20 529,944	303 719,633	14,794	14,325
25	31	98 373	19 216,793	283 189,689	14,737	14,267
26	32	98 295	17 987,275	263 972,897	14,676	14,206
27	33	98 214	16 836,077	245 985,622	14,611	14,141
28	34	98 127	15 757,566	229 149,544	14,542	14,073
29	35	98 038	14 747,812	213 391,978	14,469	14,000
30	36	97 943	13 801,813	198 644,166	14,393	13,923
31	37	97 841	12 915,592	184 842,353	14,312	13,842
32	38	97 728	12 085,023	171 926,761	14,226	13,757
33	39	97 603	11 306,308	159 841,739	14,137	13,668
34	40	97 475	10 577,564	148 535,430	14,042	13,573
35	41	97 331	9 894,026	137 957,866	13,944	13,474
36	42	97 170	9 253,116	128 063,840	13,840	13,371
37	43	97 003	8 653,147	118 810,724	13,730	13,261
38	44	96 825	8 091,110	110 157,577	13,615	13,146
39	45	96 625	7 563,816	102 066,467	13,494	13,025
40	46	96 412	7 069,939	94 502,651	13,367	12,898
41	47	96 169	6 606,171	87 432,713	13,235	12,766
42	48	95 903	6 171,395	80 826,541	13,097	12,628
43	49	95 607	5 763,318	74 655,146	12,954	12,484
44	50	95 278	5 380,288	68 891,828	12,804	12,335
45	51	94 919	5 021,118	63 511,541	12,649	12,180
46	52	94 516	4 683,640	58 490,423	12,488	12,019
47	53	94 078	4 367,150	53 806,783	12,321	11,852
48	54	93 588	4 069,684	49 439,633	12,148	11,679
49	55	93 046	3 790,292	45 369,949	11,970	11,501
50	56	92 446	3 527,724	41 579,657	11,787	11,317
51	57	91 788	3 281,117	38 051,933	11,597	11,128
52	58	91 068	3 049,555	34 770,816	11,402	10,933
53	59	90 265	2 831,540	31 721,260	11,203	10,734
54	60	89 381	2 626,523	28 889,720	10,999	10,530
55	61	88 404	2 433,538	26 263,197	10,792	10,323
56	62	87 369	2 252,968	23 829,659	10,577	10,108
57	63	86 245	2 083,356	21 576,691	10,357	9,888
58	64	85 031	1 924,152	19 493,335	10,131	9,662
59	65	83 699	1 774,246	17 569,183	9,902	9,433
60	66	82 260	1 633,489	15 794,936	9,669	9,200
61	67	80 723	1 501,603	14 161,447	9,431	8,962
62	68	79 062	1 377,710	12 659,844	9,189	8,720
63	69	77 305	1 261,921	11 282,134	8,940	8,471
64	70	75 443	1 153,645	10 020,212	8,686	8,217
65	71	73 460	1 052,290	8 866,567	8,426	7,957
66	72	71 362	957,607	7 814,277	8,160	7,691
67	73	69 184	869,678	6 856,669	7,884	7,415
68	74	66 890	787,673	5 986,991	7,601	7,132
69	75	64 516	711,679	5 199,318	7,306	6,837
70	76	61 980	640,472	4 487,639	7,007	6,538
71	77	59 269	573,730	3 847,167	6,706	6,236
72	78	56 409	511,522	3 273,437	6,399	5,930
73	79	53 391	453,534	2 761,915	6,090	5,621
74	80	50 172	399,243	2 308,381	5,782	5,313
75	81	46 753	348,514	1 909,138	5,478	5,009
76	82	43 172	301,470	1 560,624	5,177	4,708
77	83	39 455	258,096	1 259,154	4,879	4,410
78	84	35 631	218,338	1 001,058	4,585	4,116
79	85	31 699	181,961	782,721	4,302	3,832
80	86	27 722	149,069	600,760	4,030	3,561
81	87	23 777	119,774	451,691	3,771	3,302
82	88	19 949	94,138	331,916	3,526	3,057
83	89	16 338	72,223	237,779	3,292	2,823
84	90	12 995	53,812	165,556	3,077	2,607
85	91	10 017	38,858	111,744	2,876	2,407
86	92	7 444	27,051	72,886	2,694	2,225
87	93	5 322	18,117	45,835	2,530	2,061
88	94	3 649	11,636	27,718	2,382	1,913
89	95	2 379	7,107	16,082	2,263	1,794
90	96	1 496	4,187	8,976	2,143	1,674
91	97	897	2,351	4,788	2,037	1,568
92	98	517	1,270	2,437	1,919	1,450
93	99	279	0,642	1,167	1,819	1,350
94	100	141	0,304	0,526	1,727	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 543 466,677	15,493	15,024
1	8	99 266	92 988,784	1 443 842,931	15,527	15,058
2	9	99 232	87 079,811	1 350 854,147	15,513	15,044
3	10	99 210	81 555,593	1 263 774,336	15,496	15,027
4	11	99 192	76 384,320	1 182 218,742	15,477	15,008
5	12	99 173	71 540,770	1 105 834,423	15,457	14,988
6	13	99 156	67 005,498	1 034 293,653	15,436	14,967
7	14	99 137	62 756,727	967 288,155	15,413	14,944
8	15	99 118	58 777,384	904 531,428	15,389	14,920
9	16	99 098	55 049,409	845 754,044	15,364	14,894
10	17	99 076	51 557,110	790 704,636	15,336	14,867
11	18	99 054	48 286,273	739 147,526	15,308	14,838
12	19	99 025	45 219,793	690 861,253	15,278	14,809
13	20	98 998	42 348,966	645 641,460	15,246	14,777
14	21	98 970	39 660,024	603 292,494	15,212	14,742
15	22	98 942	37 141,610	563 632,470	15,175	14,706
16	23	98 910	34 781,828	526 490,860	15,137	14,668
17	24	98 863	32 567,048	491 709,032	15,098	14,629
18	25	98 817	30 493,657	459 141,983	15,057	14,588
19	26	98 761	28 549,212	428 648,327	15,014	14,545
20	27	98 700	26 727,623	400 099,115	14,969	14,500
21	28	98 634	25 020,834	373 371,492	14,922	14,453
22	29	98 565	23 422,396	348 350,657	14,873	14,403
23	30	98 496	21 925,783	324 928,261	14,819	14,350
24	31	98 421	20 523,848	303 002,478	14,763	14,294
25	32	98 342	19 210,659	282 478,630	14,704	14,235
26	33	98 261	17 981,032	263 267,971	14,641	14,172
27	34	98 179	16 830,083	245 286,939	14,574	14,105
28	35	98 089	15 751,403	228 456,856	14,504	14,035
29	36	97 999	14 741,877	212 705,453	14,429	13,960
30	37	97 897	13 795,342	197 963,576	14,350	13,881
31	38	97 795	12 909,648	184 168,234	14,266	13,797
32	39	97 671	12 077,945	171 258,586	14,179	13,710
33	40	97 544	11 299,573	159 180,642	14,087	13,618
34	41	97 409	10 570,385	147 881,069	13,990	13,521
35	42	97 256	9 886,478	137 310,684	13,889	13,420
36	43	97 089	9 245,438	127 424,205	13,782	13,313
37	44	96 916	8 645,360	118 178,767	13,670	13,200
38	45	96 726	8 082,856	109 533,407	13,551	13,082
39	46	96 517	7 555,405	101 450,551	13,428	12,958
40	47	96 290	7 060,962	93 895,146	13,298	12,829
41	48	96 031	6 596,701	86 834,184	13,163	12,694
42	49	95 750	6 161,523	80 237,483	13,022	12,553
43	50	95 434	5 752,878	74 075,960	12,876	12,407
44	51	95 090	5 369,685	68 323,081	12,724	12,255
45	52	94 710	5 010,027	62 953,396	12,565	12,096
46	53	94 284	4 672,140	57 943,369	12,402	11,933
47	54	93 821	4 355,214	53 271,229	12,232	11,762
48	55	93 306	4 057,436	48 916,015	12,056	11,587
49	56	92 738	3 777,733	44 858,580	11,874	11,405
50	57	92 112	3 514,957	41 080,846	11,687	11,218
51	58	91 421	3 268,018	37 565,889	11,495	11,026
52	59	90 666	3 036,105	34 297,871	11,297	10,828
53	60	89 829	2 817,864	31 261,765	11,094	10,625
54	61	88 899	2 612,363	28 443,901	10,888	10,419
55	62	87 909	2 419,922	25 831,538	10,675	10,205
56	63	86 838	2 239,278	23 411,616	10,455	9,986
57	64	85 677	2 069,638	21 172,338	10,230	9,761
58	65	84 411	1 910,130	19 102,700	10,001	9,532
59	66	83 028	1 760,031	17 192,569	9,768	9,299
60	67	81 542	1 619,220	15 432,539	9,531	9,062
61	68	79 940	1 487,046	13 813,319	9,289	8,820
62	69	78 254	1 363,637	12 326,273	9,039	8,570
63	70	76 442	1 247,823	10 962,636	8,785	8,316
64	71	74 523	1 139,590	9 714,813	8,525	8,056
65	72	72 476	1 038,200	8 575,223	8,260	7,791
66	73	70 334	943,809	7 537,023	7,986	7,517
67	74	68 113	856,213	6 593,214	7,700	7,231
68	75	65 746	774,197	5 737,001	7,410	6,941
69	76	63 286	698,109	4 962,803	7,109	6,640
70	77	60 627	626,493	4 264,694	6,807	6,338
71	78	57 820	559,701	3 638,201	6,500	6,031
72	79	54 824	497,148	3 078,500	6,192	5,723
73	80	51 633	438,603	2 581,353	5,885	5,416
74	81	48 245	383,909	2 142,750	5,581	5,112
75	82	44 693	333,157	1 758,841	5,279	4,810
76	83	40 999	286,294	1 425,684	4,980	4,511
77	84	37 164	243,105	1 139,390	4,687	4,218
78	85	33 236	203,661	896,285	4,401	3,932
79	86	29 251	167,910	692,624	4,125	3,656
80	87	25 257	135,816	524,715	3,863	3,394
81	88	21 371	107,654	388,899	3,612	3,143
82	89	17 659	83,328	281,244	3,375	2,906
83	90	14 199	62,767	197,916	3,153	2,684
84	91	11 073	45,851	135,149	2,948	2,478
85	92	8 341	32,356	89,297	2,760	2,291
86	93	6 048	21,977	56,942	2,591	2,122
87	94	4 209	14,327	34,965	2,441	1,971
88	95	2 791	8,900	20,638	2,319	1,850
89	96	1 787	5,337	11,738	2,199	1,730
90	97	1 093	3,059	6,401	2,093	1,624
91	98	648	1,700	3,342	1,967	1,497
92	99	360	0,883	1,643	1,861	1,392
93	100	187	0,430	0,760	1,769	1,300

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 542 536,187	15,484	15,015
1	9	99 259	92 983,027	1 442 917,352	15,518	15,049
2	10	99 226	87 074,177	1 349 934,324	15,503	15,034
3	11	99 205	81 550,761	1 262 860,148	15,486	15,016
4	12	99 184	76 378,630	1 181 309,387	15,466	14,997
5	13	99 165	71 535,110	1 104 930,757	15,446	14,977
6	14	99 147	66 999,754	1 033 395,647	15,424	14,955
7	15	99 127	62 750,141	966 395,893	15,401	14,932
8	16	99 106	58 770,031	903 645,752	15,376	14,907
9	17	99 084	55 041,641	844 875,721	15,350	14,881
10	18	99 061	51 549,561	789 834,080	15,322	14,853
11	19	99 033	48 276,440	738 284,519	15,293	14,824
12	20	99 006	45 211,064	690 008,079	15,262	14,793
13	21	98 979	42 341,125	644 797,015	15,229	14,759
14	22	98 954	39 653,458	602 455,890	15,193	14,724
15	23	98 924	37 135,183	562 802,432	15,156	14,686
16	24	98 888	34 774,281	525 667,249	15,117	14,647
17	25	98 846	32 561,526	490 892,969	15,076	14,607
18	26	98 799	30 487,971	458 331,443	15,033	14,564
19	27	98 741	28 543,657	427 843,472	14,989	14,520
20	28	98 679	26 721,785	399 299,815	14,943	14,474
21	29	98 610	25 014,594	372 578,030	14,894	14,425
22	30	98 540	23 416,335	347 563,435	14,843	14,374
23	31	98 466	21 919,273	324 147,100	14,788	14,319
24	32	98 390	20 517,296	302 227,827	14,730	14,261
25	33	98 308	19 203,992	281 710,531	14,669	14,200
26	34	98 226	17 974,630	262 506,539	14,604	14,135
27	35	98 141	16 823,500	244 531,909	14,535	14,066
28	36	98 049	15 745,063	227 708,408	14,462	13,993
29	37	97 953	14 734,965	211 963,345	14,385	13,916
30	38	97 852	13 788,993	197 228,380	14,303	13,834
31	39	97 738	12 902,087	183 439,387	14,218	13,749
32	40	97 613	12 070,750	170 537,300	14,128	13,659
33	41	97 478	11 291,904	158 466,550	14,034	13,565
34	42	97 335	10 562,321	147 174,646	13,934	13,465
35	43	97 176	9 878,274	136 612,325	13,830	13,360
36	44	97 002	9 237,118	126 734,050	13,720	13,251
37	45	96 817	8 636,541	117 496,932	13,605	13,135
38	46	96 619	8 073,869	108 860,391	13,483	13,014
39	47	96 395	7 545,812	100 786,522	13,357	12,887
40	48	96 152	7 050,839	93 240,710	13,224	12,755
41	49	95 877	6 586,149	86 189,871	13,087	12,617
42	50	95 577	6 150,362	79 603,722	12,943	12,474
43	51	95 246	5 741,541	73 453,360	12,793	12,324
44	52	94 880	5 357,824	67 711,819	12,638	12,169
45	53	94 477	4 997,726	62 353,994	12,476	12,007
46	54	94 026	4 659,370	57 356,268	12,310	11,841
47	55	93 539	4 342,106	52 696,898	12,136	11,667
48	56	92 997	4 043,992	48 354,791	11,957	11,488
49	57	92 402	3 764,062	44 310,799	11,772	11,303
50	58	91 744	3 500,925	40 546,737	11,582	11,113
51	59	91 018	3 253,604	37 045,813	11,386	10,917
52	60	90 229	3 021,441	33 792,208	11,184	10,715
53	61	89 345	2 802,673	30 770,767	10,979	10,510
54	62	88 402	2 597,747	27 968,094	10,766	10,297
55	63	87 375	2 405,217	25 370,347	10,548	10,079
56	64	86 266	2 224,533	22 965,130	10,324	9,854
57	65	85 053	2 054,556	20 740,597	10,095	9,626
58	66	83 735	1 894,826	18 686,041	9,862	9,392
59	67	82 303	1 744,656	16 791,215	9,624	9,155
60	68	80 751	1 603,523	15 046,559	9,383	8,914
61	69	79 124	1 471,856	13 443,036	9,133	8,664
62	70	77 380	1 348,403	11 971,180	8,878	8,409
63	71	75 510	1 232,620	10 622,778	8,618	8,149
64	72	73 526	1 124,330	9 390,158	8,352	7,883
65	73	71 432	1 023,240	8 265,827	8,078	7,609
66	74	69 245	929,196	7 242,587	7,794	7,325
67	75	66 948	841,565	6 313,391	7,502	7,033
68	76	64 492	759,435	5 471,826	7,205	6,736
69	77	61 905	682,872	4 712,391	6,901	6,432
70	78	59 145	611,174	4 029,519	6,593	6,124
71	79	56 195	543,973	3 418,345	6,284	5,815
72	80	53 019	480,780	2 874,371	5,979	5,509
73	81	49 650	421,757	2 393,591	5,675	5,206
74	82	46 119	366,993	1 971,835	5,373	4,904
75	83	42 443	316,386	1 604,842	5,072	4,603
76	84	38 617	269,665	1 288,456	4,778	4,309
77	85	34 666	226,763	1 018,791	4,493	4,024
78	86	30 669	187,934	792,028	4,214	3,745
79	87	26 650	152,981	604,094	3,949	3,480
80	88	22 701	122,073	451,113	3,695	3,226
81	89	18 917	95,293	329,040	3,453	2,984
82	90	15 347	72,419	233,747	3,228	2,759
83	91	12 099	53,482	161,328	3,017	2,547
84	92	9 220	38,179	107,846	2,825	2,356
85	93	6 777	26,287	69,667	2,650	2,181
86	94	4 783	17,380	43,380	2,496	2,027
87	95	3 219	10,957	26,001	2,373	1,904
88	96	2 096	6,683	15,043	2,251	1,782
89	97	1 305	3,899	8,360	2,144	1,675
90	98	790	2,211	4,461	2,017	1,548
91	99	451	1,182	2,250	1,904	1,435
92	100	241	0,591	1,068	1,807	1,338

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 541 532,195	15,475	15,006
1	10	99 253	92 977,011	1 441 919,527	15,508	15,039
2	11	99 220	87 069,017	1 348 942,517	15,493	15,024
3	12	99 197	81 544,687	1 261 873,500	15,475	15,005
4	13	99 177	76 372,588	1 180 328,813	15,455	14,986
5	14	99 157	71 528,978	1 103 956,225	15,434	14,965
6	15	99 137	66 992,723	1 032 427,248	15,411	14,942
7	16	99 114	62 742,291	965 434,524	15,387	14,918
8	17	99 092	58 761,739	902 692,233	15,362	14,893
9	18	99 069	55 033,582	843 930,495	15,335	14,866
10	19	99 041	51 539,063	788 896,913	15,307	14,838
11	20	99 014	48 267,121	737 357,849	15,277	14,807
12	21	98 987	45 202,693	689 090,728	15,244	14,775
13	22	98 963	42 334,115	643 888,035	15,210	14,741
14	23	98 936	39 646,596	601 553,921	15,173	14,704
15	24	98 903	37 127,125	561 907,325	15,135	14,666
16	25	98 871	34 768,384	524 780,200	15,094	14,624
17	26	98 827	32 555,455	490 011,816	15,052	14,582
18	27	98 779	30 482,039	457 456,361	15,007	14,538
19	28	98 720	28 537,422	426 974,322	14,962	14,493
20	29	98 654	26 715,121	398 436,900	14,914	14,445
21	30	98 584	25 008,121	371 721,779	14,864	14,395
22	31	98 511	23 409,382	346 713,658	14,811	14,342
23	32	98 435	21 912,276	323 304,276	14,754	14,285
24	33	98 355	20 510,176	301 392,000	14,695	14,226
25	34	98 273	19 197,154	280 881,824	14,631	14,162
26	35	98 187	17 967,600	261 684,670	14,564	14,095
27	36	98 101	16 816,729	243 717,070	14,493	14,023
28	37	98 003	15 737,681	226 900,340	14,418	13,949
29	38	97 908	14 728,184	211 162,659	14,337	13,868
30	39	97 795	13 780,917	196 434,475	14,254	13,785
31	40	97 680	12 894,401	182 653,558	14,165	13,696
32	41	97 546	12 062,558	169 759,157	14,073	13,604
33	42	97 404	11 283,290	157 696,599	13,976	13,507
34	43	97 254	10 553,557	146 413,309	13,873	13,404
35	44	97 088	9 869,385	135 859,753	13,766	13,297
36	45	96 903	9 227,696	125 990,368	13,654	13,184
37	46	96 709	8 626,938	116 762,672	13,535	13,066
38	47	96 496	8 063,617	108 135,734	13,410	12,941
39	48	96 257	7 534,995	100 072,118	13,281	12,812
40	49	95 998	7 039,561	92 537,123	13,145	12,676
41	50	95 703	6 574,219	85 497,562	13,005	12,536
42	51	95 388	6 138,241	78 923,343	12,858	12,389
43	52	95 036	5 728,859	72 785,101	12,705	12,236
44	53	94 647	5 344,669	67 056,242	12,546	12,077
45	54	94 219	4 984,067	61 711,573	12,382	11,913
46	55	93 743	4 645,347	56 727,506	12,212	11,743
47	56	93 229	4 327,719	52 082,159	12,035	11,565
48	57	92 660	4 029,357	47 754,440	11,852	11,382
49	58	92 033	3 749,035	43 725,082	11,663	11,194
50	59	91 339	3 485,484	39 976,047	11,469	11,000
51	60	90 578	3 237,889	36 490,564	11,270	10,801
52	61	89 742	3 005,152	33 252,674	11,065	10,596
53	62	88 845	2 786,992	30 247,522	10,853	10,384
54	63	87 865	2 581,961	27 460,530	10,636	10,166
55	64	86 800	2 389,380	24 878,569	10,412	9,943
56	65	85 637	2 208,322	22 489,189	10,184	9,715
57	66	84 371	2 038,095	20 280,866	9,951	9,482
58	67	83 003	1 878,274	18 242,772	9,713	9,243
59	68	81 505	1 727,743	16 364,498	9,472	9,002
60	69	79 926	1 587,143	14 636,755	9,222	8,753
61	70	78 240	1 455,412	13 049,612	8,966	8,497
62	71	76 437	1 331,974	11 594,200	8,705	8,235
63	72	74 499	1 216,115	10 262,226	8,439	7,969
64	73	72 466	1 108,129	9 046,111	8,163	7,694
65	74	70 326	1 007,398	7 937,981	7,880	7,411
66	75	68 060	913,299	6 930,584	7,589	7,119
67	76	65 671	825,518	6 017,285	7,289	6,820
68	77	63 085	742,860	5 191,766	6,989	6,520
69	78	60 391	666,175	4 448,907	6,678	6,209
70	79	57 483	594,000	3 782,732	6,368	5,899
71	80	54 345	526,064	3 188,732	6,061	5,592
72	81	50 983	462,314	2 662,668	5,759	5,290
73	82	47 462	403,173	2 200,354	5,458	4,988
74	83	43 797	348,518	1 797,181	5,157	4,688
75	84	39 978	298,010	1 448,663	4,861	4,392
76	85	36 022	251,538	1 150,654	4,574	4,105
77	86	31 989	209,252	899,116	4,297	3,828
78	87	27 942	171,225	689,864	4,029	3,560
79	88	23 953	137,501	518,638	3,772	3,303
80	89	20 095	108,056	381,137	3,527	3,058
81	90	16 441	82,817	273,082	3,297	2,828
82	91	13 076	61,706	190,264	3,083	2,614
83	92	10 074	44,532	128,559	2,887	2,418
84	93	7 491	31,018	84,026	2,709	2,240
85	94	5 359	20,788	53,008	2,550	2,081
86	95	3 658	13,292	32,220	2,424	1,955
87	96	2 417	8,229	18,928	2,300	1,831
88	97	1 531	4,882	10,699	2,191	1,722
89	98	944	2,819	5,817	2,064	1,595
90	99	549	1,538	2,998	1,950	1,481
91	100	302	0,791	1,461	1,847	1,378

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 540 450,844	15,465	14,996
1	11	99 247	92 971,501	1 440 844,622	15,498	15,029
2	12	99 213	87 062,532	1 347 873,121	15,482	15,013
3	13	99 189	81 538,235	1 260 810,589	15,463	14,994
4	14	99 168	76 366,041	1 179 272,354	15,442	14,973
5	15	99 146	71 521,472	1 102 906,313	15,421	14,952
6	16	99 124	66 984,342	1 031 384,841	15,397	14,928
7	17	99 100	62 733,438	964 400,499	15,373	14,904
8	18	99 077	58 753,135	901 667,061	15,347	14,878
9	19	99 049	55 022,375	842 913,926	15,319	14,850
10	20	99 022	51 529,115	787 891,551	15,290	14,821
11	21	98 996	48 258,184	736 362,436	15,259	14,790
12	22	98 971	45 195,209	688 104,252	15,225	14,756
13	23	98 946	42 326,789	642 909,043	15,189	14,720
14	24	98 915	39 637,993	600 582,254	15,152	14,683
15	25	98 886	37 120,829	560 944,261	15,111	14,642
16	26	98 853	34 761,901	523 823,432	15,069	14,600
17	27	98 808	32 549,120	489 061,530	15,025	14,556
18	28	98 758	30 475,381	456 512,410	14,980	14,511
19	29	98 695	28 530,305	426 037,030	14,933	14,464
20	30	98 628	26 708,208	397 506,725	14,883	14,414
21	31	98 555	25 000,695	370 798,517	14,832	14,362
22	32	98 479	23 401,910	345 797,822	14,776	14,307
23	33	98 401	21 904,672	322 395,912	14,718	14,249
24	34	98 320	20 502,873	300 491,240	14,656	14,187
25	35	98 235	19 189,646	279 988,367	14,591	14,121
26	36	98 148	17 960,369	260 798,721	14,521	14,052
27	37	98 055	16 808,845	242 838,352	14,447	13,978
28	38	97 958	15 730,438	226 029,508	14,369	13,900
29	39	97 851	14 719,558	210 299,069	14,287	13,818
30	40	97 736	13 772,708	195 579,511	14,201	13,731
31	41	97 614	12 885,650	181 806,803	14,109	13,640
32	42	97 472	12 053,356	168 921,153	14,014	13,545
33	43	97 323	11 273,927	156 867,798	13,914	13,445
34	44	97 166	10 544,059	145 593,871	13,808	13,339
35	45	96 989	9 859,318	135 049,812	13,698	13,229
36	46	96 795	9 217,435	125 190,494	13,582	13,113
37	47	96 587	8 615,984	115 973,059	13,460	12,991
38	48	96 358	8 052,057	107 357,075	13,333	12,864
39	49	96 103	7 522,942	99 305,018	13,200	12,731
40	50	95 824	7 026,809	91 782,076	13,062	12,593
41	51	95 515	6 561,263	84 755,267	12,918	12,448
42	52	95 178	6 124,683	78 194,004	12,767	12,298
43	53	94 802	5 714,793	72 069,320	12,611	12,142
44	54	94 389	5 330,062	66 354,527	12,449	11,980
45	55	93 935	4 969,066	61 024,465	12,281	11,812
46	56	93 433	4 629,956	56 055,399	12,107	11,638
47	57	92 891	4 312,057	51 425,443	11,926	11,457
48	58	92 290	4 013,271	47 113,386	11,739	11,270
49	59	91 628	3 732,500	43 100,115	11,547	11,078
50	60	90 898	3 468,649	39 367,615	11,350	10,880
51	61	90 090	3 220,434	35 898,966	11,147	10,678
52	62	89 240	2 988,338	32 678,532	10,935	10,466
53	63	88 305	2 770,056	29 690,194	10,718	10,249
54	64	87 286	2 564,961	26 920,138	10,495	10,026
55	65	86 167	2 371,968	24 355,177	10,268	9,799
56	66	84 951	2 190,629	21 983,210	10,035	9,566
57	67	83 634	2 020,291	19 792,581	9,797	9,328
58	68	82 199	1 860,065	17 772,289	9,555	9,086
59	69	80 672	1 710,094	15 912,224	9,305	8,836
60	70	79 033	1 569,411	14 202,130	9,049	8,580
61	71	77 286	1 437,680	12 632,719	8,787	8,318
62	72	75 414	1 314,139	11 195,039	8,519	8,050
63	73	73 426	1 198,591	9 880,900	8,244	7,775
64	74	71 344	1 090,973	8 682,309	7,958	7,489
65	75	69 122	990,163	7 591,336	7,667	7,198
66	76	66 762	895,885	6 601,174	7,368	6,899
67	77	64 238	807,501	5 705,289	7,065	6,596
68	78	61 542	724,695	4 897,788	6,758	6,289
69	79	58 694	647,455	4 173,093	6,445	5,976
70	80	55 590	574,443	3 525,638	6,137	5,668
71	81	52 258	505,859	2 951,195	5,834	5,365
72	82	48 737	441,944	2 445,336	5,533	5,064
73	83	45 073	382,877	2 003,392	5,232	4,763
74	84	41 254	328,275	1 620,516	4,936	4,467
75	85	37 291	277,977	1 292,240	4,649	4,180
76	86	33 240	232,114	1 014,263	4,370	3,901
77	87	29 145	190,648	782,149	4,103	3,633
78	88	25 115	153,899	591,501	3,843	3,374
79	89	21 203	121,712	437,603	3,595	3,126
80	90	17 464	93,909	315,890	3,364	2,895
81	91	14 009	70,566	221,981	3,146	2,677
82	92	10 888	51,380	151,415	2,947	2,478
83	93	8 185	36,180	100,035	2,765	2,296
84	94	5 924	24,529	63,855	2,603	2,134
85	95	4 099	15,899	39,326	2,473	2,004
86	96	2 747	9,982	23,427	2,347	1,878
87	97	1 766	6,011	13,445	2,237	1,768
88	98	1 107	3,530	7,434	2,106	1,637
89	99	656	1,960	3,904	1,992	1,523
90	100	368	1,029	1,944	1,889	1,420

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 539 287,024	15,455	14,986
1	12	99 240	92 964,577	1 439 686,705	15,486	15,017
2	13	99 205	87 055,644	1 346 722,128	15,470	15,001
3	14	99 181	81 531,246	1 259 666,484	15,450	14,981
4	15	99 158	76 358,027	1 178 135,239	15,429	14,960
5	16	99 134	71 512,524	1 101 777,211	15,407	14,938
6	17	99 110	66 974,891	1 030 264,687	15,383	14,914
7	18	99 086	62 724,253	963 289,796	15,358	14,888
8	19	99 057	58 741,170	900 565,543	15,331	14,862
9	20	99 030	55 011,754	841 824,373	15,303	14,833
10	21	99 004	51 519,573	786 812,619	15,272	14,803
11	22	98 980	48 250,194	735 293,046	15,239	14,770
12	23	98 954	45 187,388	687 042,851	15,204	14,735
13	24	98 924	42 317,605	641 855,463	15,168	14,698
14	25	98 898	39 631,272	599 537,858	15,128	14,659
15	26	98 868	37 113,908	559 906,587	15,086	14,617
16	27	98 834	34 755,137	522 792,679	15,042	14,573
17	28	98 787	32 542,010	488 037,541	14,997	14,528
18	29	98 733	30 467,780	455 495,531	14,950	14,481
19	30	98 670	28 522,922	425 027,751	14,901	14,432
20	31	98 599	26 700,277	396 504,829	14,850	14,381
21	32	98 523	24 992,715	369 804,552	14,796	14,327
22	33	98 445	23 393,788	344 811,836	14,739	14,270
23	34	98 366	21 896,873	321 418,048	14,679	14,210
24	35	98 282	20 494,854	299 521,176	14,614	14,145
25	36	98 195	19 181,923	279 026,321	14,546	14,077
26	37	98 102	17 951,948	259 844,399	14,474	14,005
27	38	98 010	16 801,109	241 892,451	14,397	13,928
28	39	97 901	15 721,226	225 091,342	14,318	13,849
29	40	97 792	14 710,789	209 370,116	14,232	13,763
30	41	97 670	13 763,361	194 659,327	14,143	13,674
31	42	97 539	12 875,820	180 895,966	14,049	13,580
32	43	97 391	12 043,354	168 020,146	13,951	13,482
33	44	97 235	11 263,781	155 976,793	13,848	13,379
34	45	97 067	10 533,304	144 713,012	13,739	13,269
35	46	96 881	9 848,354	134 179,708	13,625	13,155
36	47	96 672	9 205,731	124 331,353	13,506	13,037
37	48	96 448	8 603,633	115 125,622	13,381	12,912
38	49	96 204	8 039,178	106 521,990	13,250	12,781
39	50	95 929	7 509,314	98 482,812	13,115	12,646
40	51	95 635	7 012,962	90 973,498	12,972	12,503
41	52	95 304	6 546,771	83 960,536	12,825	12,356
42	53	94 944	6 109,646	77 413,765	12,671	12,202
43	54	94 543	5 699,174	71 304,120	12,511	12,042
44	55	94 104	5 314,020	65 604,946	12,346	11,877
45	56	93 624	4 952,602	60 290,925	12,174	11,704
46	57	93 095	4 613,200	55 338,323	11,996	11,527
47	58	92 520	4 294,843	50 725,123	11,811	11,342
48	59	91 883	3 995,570	46 430,281	11,620	11,151
49	60	91 185	3 714,472	42 434,710	11,424	10,955
50	61	90 408	3 449,949	38 720,239	11,223	10,754
51	62	89 586	3 202,415	35 270,290	11,014	10,545
52	63	88 698	2 970,179	32 067,874	10,797	10,327
53	64	87 724	2 751,817	29 097,695	10,574	10,105
54	65	86 650	2 546,269	26 345,878	10,347	9,878
55	66	85 477	2 352,963	23 799,609	10,115	9,646
56	67	84 209	2 171,493	21 446,646	9,876	9,407
57	68	82 823	2 000,706	19 275,153	9,634	9,165
58	69	81 359	1 841,065	17 274,448	9,383	8,914
59	70	79 771	1 690,989	15 433,383	9,127	8,658
60	71	78 070	1 550,290	13 742,394	8,864	8,395
61	72	76 252	1 418,429	12 192,104	8,595	8,126
62	73	74 327	1 295,203	10 773,675	8,318	7,849
63	74	72 289	1 180,034	9 478,472	8,032	7,563
64	75	70 124	1 072,308	8 298,438	7,739	7,270
65	76	67 804	971,283	7 226,130	7,440	6,971
66	77	65 305	876,331	6 254,848	7,138	6,668
67	78	62 667	787,756	5 378,517	6,828	6,359
68	79	59 813	704,331	4 590,761	6,518	6,049
69	80	56 762	626,139	3 886,430	6,207	5,738
70	81	53 455	552,380	3 260,291	5,902	5,433
71	82	49 955	483,569	2 707,911	5,600	5,131
72	83	46 283	419,695	2 224,341	5,300	4,831
73	84	42 455	360,638	1 804,646	5,004	4,535
74	85	38 480	306,208	1 444,008	4,716	4,247
75	86	34 411	256,511	1 137,799	4,436	3,967
76	87	30 285	211,477	881,288	4,167	3,698
77	88	26 196	171,356	669,811	3,909	3,440
78	89	22 231	136,227	498,455	3,659	3,190
79	90	18 427	105,778	362,227	3,424	2,955
80	91	14 880	80,017	256,449	3,205	2,736
81	92	11 664	58,758	176,432	3,003	2,534
82	93	8 846	41,743	117,675	2,819	2,350
83	94	6 472	28,611	75,932	2,654	2,185
84	95	4 531	18,761	47,320	2,522	2,053
85	96	3 078	11,940	28,560	2,392	1,923
86	97	2 007	7,292	16,620	2,279	1,810
87	98	1 277	4,346	9,328	2,146	1,677
88	99	770	2,454	4,982	2,030	1,561
89	100	439	1,312	2,528	1,927	1,458

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 538 034,441	15,443	14,974
1	13	99 232	92 957,222	1 438 441,540	15,474	15,005
2	14	99 196	87 048,182	1 345 484,319	15,457	14,988
3	15	99 170	81 522,690	1 258 436,137	15,437	14,968
4	16	99 145	76 348,475	1 176 913,447	15,415	14,946
5	17	99 120	71 502,434	1 100 564,972	15,392	14,923
6	18	99 096	66 965,084	1 029 062,538	15,367	14,898
7	19	99 065	62 711,479	962 097,454	15,342	14,873
8	20	99 038	58 729,832	899 385,974	15,314	14,845
9	21	99 012	55 001,568	840 656,142	15,284	14,815
10	22	98 987	51 511,044	785 654,575	15,252	14,783
11	23	98 962	48 241,845	734 143,531	15,218	14,749
12	24	98 932	45 177,583	685 901,686	15,182	14,713
13	25	98 908	42 310,429	640 724,103	15,143	14,674
14	26	98 880	39 623,882	598 413,674	15,102	14,633
15	27	98 849	37 106,686	558 789,792	15,059	14,590
16	28	98 812	34 747,546	521 683,105	15,014	14,544
17	29	98 762	32 533,895	486 935,560	14,967	14,498
18	30	98 708	30 459,896	454 401,665	14,918	14,449
19	31	98 640	28 514,452	423 941,769	14,868	14,398
20	32	98 568	26 691,755	395 427,317	14,815	14,345
21	33	98 489	24 984,042	368 735,562	14,759	14,290
22	34	98 410	23 385,459	343 751,520	14,699	14,230
23	35	98 327	21 888,308	320 366,062	14,636	14,167
24	36	98 242	20 486,606	298 477,753	14,569	14,100
25	37	98 149	19 172,929	277 991,148	14,499	14,030
26	38	98 057	17 943,686	258 818,219	14,424	13,955
27	39	97 953	16 791,269	240 874,533	14,345	13,876
28	40	97 843	15 711,861	224 083,263	14,262	13,793
29	41	97 726	14 700,805	208 371,403	14,174	13,705
30	42	97 595	13 752,861	193 670,598	14,082	13,613
31	43	97 458	12 865,136	179 917,737	13,985	13,516
32	44	97 304	12 032,515	167 052,601	13,883	13,414
33	45	97 136	11 252,292	155 020,086	13,777	13,308
34	46	96 959	10 521,591	143 767,794	13,664	13,195
35	47	96 758	9 835,850	133 246,203	13,547	13,078
36	48	96 534	9 192,534	123 410,353	13,425	12,956
37	49	96 294	8 589,871	114 217,819	13,297	12,828
38	50	96 029	8 024,615	105 627,949	13,163	12,694
39	51	95 739	7 494,516	97 603,334	13,023	12,554
40	52	95 424	6 997,472	90 108,818	12,877	12,408
41	53	95 070	6 530,697	83 111,346	12,726	12,257
42	54	94 684	6 092,947	76 580,649	12,569	12,100
43	55	94 259	5 682,022	70 487,702	12,405	11,936
44	56	93 793	5 296,413	64 805,681	12,236	11,767
45	57	93 285	4 934,679	59 509,268	12,059	11,590
46	58	92 723	4 594,783	54 574,589	11,878	11,408
47	59	92 112	4 275,900	49 979,806	11,689	11,220
48	60	91 440	3 976,272	45 703,906	11,494	11,025
49	61	90 693	3 694,447	41 727,634	11,295	10,826
50	62	89 902	3 430,646	38 033,187	11,086	10,617
51	63	89 042	3 182,955	34 602,541	10,871	10,402
52	64	88 114	2 950,622	31 419,586	10,648	10,179
53	65	87 085	2 731,763	28 468,964	10,421	9,952
54	66	85 956	2 525,868	25 737,200	10,189	9,720
55	67	84 730	2 332,409	23 211,332	9,952	9,483
56	68	83 393	2 150,442	20 878,923	9,709	9,240
57	69	81 977	1 980,269	18 728,482	9,458	8,988
58	70	80 450	1 820,496	16 748,213	9,200	8,731
59	71	78 799	1 670,386	14 927,716	8,937	8,468
60	72	77 025	1 529,531	13 257,330	8,668	8,198
61	73	75 153	1 397,990	11 727,799	8,389	7,920
62	74	73 176	1 275,150	10 329,808	8,101	7,632
63	75	71 052	1 159,845	9 054,659	7,807	7,338
64	76	68 786	1 051,861	7 894,813	7,506	7,036
65	77	66 325	950,083	6 842,952	7,202	6,733
66	78	63 708	854,903	5 892,869	6,893	6,424
67	79	60 906	765,620	5 037,965	6,580	6,111
68	80	57 843	681,142	4 272,346	6,272	5,803
69	81	54 581	602,090	3 591,204	5,965	5,495
70	82	51 100	528,041	2 989,114	5,661	5,192
71	83	47 440	459,226	2 461,073	5,359	4,890
72	84	43 595	395,319	2 001,847	5,064	4,595
73	85	39 601	336,396	1 606,528	4,776	4,307
74	86	35 509	282,562	1 270,132	4,495	4,026
75	87	31 352	233,705	987,570	4,226	3,757
76	88	27 220	190,078	753,864	3,966	3,497
77	89	23 188	151,680	563,787	3,717	3,248
78	90	19 321	118,393	412,106	3,481	3,012
79	91	15 701	90,130	293,714	3,259	2,790
80	92	12 390	66,627	203,584	3,056	2,586
81	93	9 477	47,737	136,957	2,869	2,400
82	94	6 996	33,011	89,220	2,703	2,234
83	95	4 950	21,883	56,209	2,569	2,100
84	96	3 402	14,089	34,327	2,436	1,967
85	97	2 248	8,722	20,238	2,320	1,851
86	98	1 451	5,272	11,516	2,184	1,715
87	99	888	3,021	6,244	2,067	1,597
88	100	515	1,643	3,223	1,962	1,492

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 536 688,615	15,431	14,962
1	14	99 223	92 949,253	1 437 103,594	15,461	14,992
2	15	99 186	87 039,047	1 344 154,340	15,443	14,974
3	16	99 158	81 512,491	1 257 115,293	15,422	14,953
4	17	99 131	76 337,702	1 175 602,802	15,400	14,931
5	18	99 105	71 491,965	1 099 265,100	15,376	14,907
6	19	99 076	66 951,447	1 027 773,135	15,351	14,882
7	20	99 046	62 699,375	960 821,688	15,324	14,855
8	21	99 020	58 718,957	898 122,313	15,295	14,826
9	22	98 995	54 992,462	839 403,356	15,264	14,795
10	23	98 970	51 502,130	784 410,895	15,231	14,762
11	24	98 941	48 231,377	732 908,764	15,196	14,727
12	25	98 915	45 169,922	684 677,387	15,158	14,689
13	26	98 889	42 302,540	639 507,465	15,117	14,648
14	27	98 861	39 616,172	597 204,925	15,075	14,606
15	28	98 827	37 098,581	557 588,753	15,030	14,561
16	29	98 787	34 738,880	520 490,172	14,983	14,514
17	30	98 736	32 525,476	485 751,292	14,934	14,465
18	31	98 678	30 450,851	453 225,816	14,884	14,415
19	32	98 609	28 505,351	422 774,965	14,831	14,362
20	33	98 534	26 682,491	394 269,614	14,776	14,307
21	34	98 454	24 975,146	367 587,123	14,718	14,249
22	35	98 372	23 376,312	342 611,977	14,656	14,187
23	36	98 288	21 879,499	319 235,664	14,591	14,122
24	37	98 196	20 477,000	297 356,165	14,521	14,052
25	38	98 104	19 164,105	276 879,165	14,448	13,979
26	39	97 999	17 933,177	257 715,060	14,371	13,902
27	40	97 894	16 781,267	239 781,883	14,289	13,820
28	41	97 776	15 701,197	223 000,616	14,203	13,734
29	42	97 651	14 689,590	207 299,419	14,112	13,643
30	43	97 514	13 741,449	192 609,829	14,017	13,548
31	44	97 371	12 853,558	178 868,380	13,916	13,447
32	45	97 204	12 020,242	166 014,822	13,811	13,342
33	46	97 028	11 239,779	153 994,580	13,701	13,232
34	47	96 836	10 508,232	142 754,801	13,585	13,116
35	48	96 619	9 821,750	132 246,569	13,465	12,996
36	49	96 379	9 177,830	122 424,820	13,339	12,870
37	50	96 119	8 574,310	113 246,990	13,208	12,739
38	51	95 840	8 008,801	104 672,679	13,070	12,601
39	52	95 528	7 477,962	96 663,878	12,926	12,457
40	53	95 189	6 980,291	89 185,916	12,777	12,308
41	54	94 810	6 512,847	82 205,625	12,622	12,153
42	55	94 399	6 074,609	75 692,778	12,461	11,991
43	56	93 946	5 663,195	69 618,168	12,293	11,824
44	57	93 453	5 277,246	63 954,973	12,119	11,650
45	58	92 913	4 914,978	58 677,728	11,939	11,469
46	59	92 314	4 574,518	53 762,749	11,753	11,284
47	60	91 667	4 255,247	49 188,232	11,559	11,090
48	61	90 947	3 954,835	44 932,984	11,362	10,892
49	62	90 186	3 673,776	40 978,149	11,154	10,685
50	63	89 356	3 409,800	37 304,373	10,940	10,471
51	64	88 455	3 161,997	33 894,573	10,719	10,250
52	65	87 472	2 929,120	30 732,576	10,492	10,023
53	66	86 387	2 709,876	27 803,456	10,260	9,791
54	67	85 205	2 503,803	25 093,580	10,022	9,553
55	68	83 909	2 309,798	22 589,777	9,780	9,311
56	69	82 541	2 128,475	20 279,979	9,528	9,059
57	70	81 061	1 958,145	18 151,503	9,270	8,801
58	71	79 470	1 798,316	16 193,359	9,005	8,536
59	72	77 744	1 648,019	14 395,042	8,735	8,266
60	73	75 915	1 507,492	12 747,023	8,456	7,987
61	74	73 989	1 376,346	11 239,531	8,166	7,697
62	75	71 924	1 253,334	9 863,186	7,870	7,400
63	76	69 697	1 137,730	8 609,852	7,568	7,098
64	77	67 285	1 028,903	7 472,122	7,262	6,793
65	78	64 703	926,852	6 443,218	6,952	6,483
66	79	61 918	830,880	5 516,366	6,639	6,170
67	80	58 901	740,413	4 685,486	6,328	5,859
68	81	55 622	654,981	3 945,073	6,023	5,554
69	82	52 176	575,560	3 290,092	5,716	5,247
70	83	48 527	501,458	2 714,532	5,413	4,944
71	84	44 685	432,553	2 213,074	5,116	4,647
72	85	40 664	368,745	1 780,521	4,829	4,359
73	86	36 543	310,419	1 411,776	4,548	4,079
74	87	32 352	257,440	1 101,356	4,278	3,809
75	88	28 179	210,057	843,916	4,018	3,548
76	89	24 095	168,252	633,859	3,767	3,298
77	90	20 152	131,823	465,607	3,532	3,063
78	91	16 462	100,878	333,784	3,309	2,840
79	92	13 074	75,048	232,906	3,103	2,634
80	93	10 066	54,131	157,859	2,916	2,447
81	94	7 494	37,751	103,728	2,748	2,279
82	95	5 350	25,247	65,977	2,613	2,144
83	96	3 718	16,433	40,730	2,479	2,009
84	97	2 485	10,292	24,297	2,361	1,892
85	98	1 626	6,306	14,005	2,221	1,752
86	99	1 009	3,665	7,699	2,101	1,631
87	100	594	2,023	4,034	1,994	1,525

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 535 243,670	15,418	14,949
1	15	99 213	92 939,500	1 435 667,185	15,447	14,978
2	16	99 173	87 028,158	1 342 727,685	15,429	14,960
3	17	99 144	81 500,990	1 255 699,527	15,407	14,938
4	18	99 117	76 326,525	1 174 198,537	15,384	14,915
5	19	99 085	71 477,406	1 097 872,012	15,360	14,891
6	20	99 057	66 938,524	1 026 394,606	15,333	14,864
7	21	99 028	62 687,765	959 456,082	15,305	14,836
8	22	99 003	58 709,236	896 768,318	15,275	14,806
9	23	98 978	54 982,945	838 059,082	15,242	14,773
10	24	98 949	51 490,955	783 076,137	15,208	14,739
11	25	98 924	48 223,198	731 585,182	15,171	14,702
12	26	98 897	45 161,500	683 361,983	15,132	14,662
13	27	98 870	42 294,309	638 200,483	15,090	14,620
14	28	98 839	39 607,519	595 906,174	15,045	14,576
15	29	98 802	37 089,329	556 298,655	14,999	14,530
16	30	98 762	34 729,890	519 209,326	14,950	14,481
17	31	98 707	32 515,818	484 479,436	14,900	14,431
18	32	98 647	30 441,131	451 963,618	14,847	14,378
19	33	98 575	28 495,458	421 522,487	14,793	14,323
20	34	98 498	26 672,991	393 027,029	14,735	14,266
21	35	98 416	24 965,378	366 354,038	14,674	14,205
22	36	98 332	23 366,904	341 388,660	14,610	14,141
23	37	98 242	21 869,241	318 021,756	14,542	14,073
24	38	98 151	20 467,576	296 152,515	14,469	14,000
25	39	98 046	19 152,882	275 684,939	14,394	13,925
26	40	97 941	17 922,494	256 532,057	14,313	13,844
27	41	97 828	16 769,877	238 609,563	14,228	13,759
28	42	97 702	15 689,219	221 839,686	14,140	13,670
29	43	97 570	14 677,401	206 150,467	14,045	13,576
30	44	97 427	13 729,082	191 473,066	13,947	13,477
31	45	97 271	12 840,447	177 743,983	13,843	13,373
32	46	97 096	12 006,876	164 903,537	13,734	13,265
33	47	96 905	11 225,508	152 896,661	13,620	13,151
34	48	96 697	10 493,168	141 671,153	13,501	13,032
35	49	96 465	9 806,039	131 177,985	13,377	12,908
36	50	96 205	9 161,205	121 371,946	13,248	12,779
37	51	95 930	8 557,413	112 210,742	13,113	12,644
38	52	95 628	7 991,111	103 653,328	12,971	12,502
39	53	95 293	7 459,602	95 662,217	12,824	12,355
40	54	94 929	6 961,213	88 202,615	12,671	12,201
41	55	94 525	6 493,246	81 241,402	12,512	12,043
42	56	94 087	6 054,482	74 748,156	12,346	11,877
43	57	93 606	5 642,700	68 693,675	12,174	11,705
44	58	93 080	5 256,177	63 050,974	11,996	11,526
45	59	92 503	4 893,301	57 794,797	11,811	11,342
46	60	91 868	4 552,423	52 901,496	11,621	11,151
47	61	91 173	4 232,307	48 349,073	11,424	10,955
48	62	90 438	3 932,708	44 116,766	11,218	10,749
49	63	89 638	3 651,452	40 184,059	11,005	10,536
50	64	88 768	3 387,348	36 532,607	10,785	10,316
51	65	87 811	3 138,955	33 145,259	10,559	10,090
52	66	86 771	2 905,651	30 006,304	10,327	9,858
53	67	85 632	2 686,204	27 100,653	10,089	9,620
54	68	84 379	2 479,530	24 414,448	9,846	9,377
55	69	83 052	2 286,204	21 934,918	9,594	9,125
56	70	81 619	2 104,696	19 648,714	9,336	8,867
57	71	80 074	1 934,288	17 544,019	9,070	8,601
58	72	78 406	1 774,236	15 609,731	8,798	8,329
59	73	76 624	1 624,273	13 835,495	8,518	8,049
60	74	74 740	1 484,151	12 211,222	8,228	7,759
61	75	72 723	1 352,799	10 727,071	7,930	7,460
62	76	70 553	1 229,436	9 374,272	7,625	7,156
63	77	68 176	1 112,898	8 144,836	7,319	6,849
64	78	65 640	1 003,745	7 031,938	7,006	6,537
65	79	62 885	900,807	6 028,194	6,692	6,223
66	80	59 880	803,525	5 127,386	6,381	5,912
67	81	56 639	711,975	4 323,862	6,073	5,604
68	82	53 171	626,121	3 611,886	5,769	5,300
69	83	49 550	546,586	2 985,765	5,463	4,993
70	84	45 709	472,333	2 439,180	5,164	4,695
71	85	41 681	403,476	1 966,847	4,875	4,406
72	86	37 524	340,270	1 563,371	4,595	4,125
73	87	33 294	282,820	1 223,101	4,325	3,856
74	88	29 078	231,390	940,280	4,064	3,594
75	89	24 943	185,937	708,890	3,813	3,343
76	90	20 940	146,225	522,953	3,576	3,107
77	91	17 171	112,321	376,728	3,354	2,885
78	92	13 708	83,998	264,407	3,148	2,679
79	93	10 622	60,972	180,409	2,959	2,490
80	94	7 961	42,807	119,437	2,790	2,321
81	95	5 732	28,873	76,631	2,654	2,185
82	96	4 018	18,960	47,758	2,519	2,050
83	97	2 716	12,005	28,798	2,399	1,930
84	98	1 797	7,440	16,794	2,257	1,788
85	99	1 130	4,384	9,353	2,133	1,664
86	100	675	2,454	4,969	2,025	1,556

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 533 693,564	15,404	14,935
1	16	99 201	92 927,873	1 434 127,528	15,433	14,964
2	17	99 159	87 015,878	1 341 199,656	15,413	14,944
3	18	99 130	81 489,057	1 254 183,777	15,391	14,922
4	19	99 097	76 310,981	1 172 694,721	15,367	14,898
5	20	99 066	71 463,609	1 096 383,739	15,342	14,873
6	21	99 038	66 926,129	1 024 920,130	15,314	14,845
7	22	99 012	62 677,386	957 994,001	15,285	14,815
8	23	98 986	58 699,076	895 316,615	15,253	14,784
9	24	98 957	54 971,015	836 617,538	15,219	14,750
10	25	98 932	51 482,224	781 646,523	15,183	14,714
11	26	98 906	48 214,207	730 164,300	15,144	14,675
12	27	98 878	45 152,713	681 950,093	15,103	14,634
13	28	98 848	42 285,070	636 797,380	15,060	14,590
14	29	98 814	39 597,641	594 512,310	15,014	14,545
15	30	98 777	37 079,731	554 914,669	14,965	14,496
16	31	98 733	34 719,578	517 834,938	14,915	14,446
17	32	98 676	32 505,439	483 115,360	14,863	14,393
18	33	98 612	30 430,567	450 609,921	14,808	14,339
19	34	98 540	28 485,312	420 179,354	14,751	14,282
20	35	98 460	26 662,559	391 694,042	14,691	14,222
21	36	98 376	24 955,330	365 031,483	14,627	14,158
22	37	98 286	23 355,948	340 076,153	14,561	14,091
23	38	98 196	21 859,176	316 720,205	14,489	14,020
24	39	98 094	20 455,589	294 861,029	14,415	13,946
25	40	97 988	19 141,472	274 405,439	14,336	13,867
26	41	97 874	17 910,330	255 263,967	14,252	13,783
27	42	97 753	16 757,084	237 353,637	14,164	13,695
28	43	97 621	15 676,200	220 596,553	14,072	13,603
29	44	97 483	14 664,192	204 920,353	13,974	13,505
30	45	97 327	13 715,078	190 256,160	13,872	13,403
31	46	97 163	12 826,169	176 541,082	13,764	13,295
32	47	96 973	11 991,630	163 714,914	13,652	13,183
33	48	96 766	11 209,416	151 723,283	13,535	13,066
34	49	96 543	10 476,383	140 513,868	13,412	12,943
35	50	96 290	9 788,276	130 037,485	13,285	12,816
36	51	96 015	9 143,151	120 249,209	13,152	12,683
37	52	95 718	8 538,512	111 106,058	13,012	12,543
38	53	95 394	7 971,491	102 567,546	12,867	12,398
39	54	95 033	7 439,214	94 596,055	12,716	12,247
40	55	94 644	6 940,262	87 156,841	12,558	12,089
41	56	94 211	6 471,731	80 216,579	12,395	11,926
42	57	93 746	6 032,571	73 744,848	12,224	11,755
43	58	93 233	5 620,173	67 712,277	12,048	11,579
44	59	92 670	5 232,995	62 092,103	11,866	11,396
45	60	92 056	4 869,666	56 859,109	11,676	11,207
46	61	91 373	4 527,880	51 989,443	11,482	11,013
47	62	90 663	4 208,627	47 461,562	11,277	10,808
48	63	89 888	3 908,810	43 252,935	11,065	10,596
49	64	89 048	3 627,409	39 344,125	10,846	10,377
50	65	88 121	3 362,663	35 716,716	10,622	10,152
51	66	87 107	3 113,805	32 354,053	10,391	9,921
52	67	86 013	2 880,269	29 240,248	10,152	9,683
53	68	84 802	2 660,163	26 359,979	9,909	9,440
54	69	83 517	2 454,203	23 699,816	9,657	9,188
55	70	82 124	2 260,662	21 245,613	9,398	8,929
56	71	80 625	2 079,053	18 984,951	9,132	8,662
57	72	79 002	1 908,387	16 905,898	8,859	8,390
58	73	77 276	1 748,671	14 997,511	8,577	8,107
59	74	75 438	1 599,124	13 248,841	8,285	7,816
60	75	73 461	1 458,760	11 649,716	7,986	7,517
61	76	71 337	1 327,004	10 190,956	7,680	7,211
62	77	69 013	1 202,602	8 863,952	7,371	6,902
63	78	66 509	1 085,685	7 661,350	7,057	6,588
64	79	63 795	975,539	6 575,665	6,741	6,271
65	80	60 814	871,150	5 600,126	6,428	5,959
66	81	57 580	772,663	4 728,976	6,120	5,651
67	82	54 143	680,604	3 956,313	5,813	5,344
68	83	50 494	594,601	3 275,709	5,509	5,040
69	84	46 672	514,839	2 681,108	5,208	4,739
70	85	42 636	440,582	2 166,269	4,917	4,448
71	86	38 462	372,320	1 725,687	4,635	4,166
72	87	34 188	310,017	1 353,368	4,365	3,896
73	88	29 925	254,202	1 043,350	4,104	3,635
74	89	25 739	204,821	789,148	3,853	3,384
75	90	21 678	161,594	584,328	3,616	3,147
76	91	17 842	124,593	422,733	3,393	2,924
77	92	14 297	93,526	298,140	3,188	2,719
78	93	11 137	68,243	204,614	2,998	2,529
79	94	8 400	48,217	136,371	2,828	2,359
80	95	6 088	32,740	88,155	2,693	2,223
81	96	4 304	21,682	55,415	2,556	2,087
82	97	2 935	13,851	33,733	2,435	1,966
83	98	1 963	8,679	19,882	2,291	1,822
84	99	1 249	5,173	11,203	2,166	1,697
85	100	757	2,935	6,030	2,055	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 532 033,212	15,389	14,920
1	17	99 187	92 914,760	1 432 479,632	15,417	14,948
2	18	99 145	87 003,138	1 339 564,872	15,397	14,928
3	19	99 109	81 472,462	1 252 561,734	15,374	14,905
4	20	99 077	76 296,252	1 171 089,272	15,349	14,880
5	21	99 048	71 450,376	1 094 793,020	15,322	14,853
6	22	99 022	66 915,049	1 023 342,644	15,293	14,824
7	23	98 994	62 666,540	956 427,595	15,262	14,793
8	24	98 965	58 686,339	893 761,055	15,229	14,760
9	25	98 940	54 961,694	835 074,716	15,194	14,725
10	26	98 913	51 472,624	780 113,022	15,156	14,687
11	27	98 887	48 204,826	728 640,398	15,116	14,646
12	28	98 856	45 142,850	680 435,572	15,073	14,604
13	29	98 824	42 274,525	635 292,722	15,028	14,559
14	30	98 789	39 587,394	593 018,197	14,980	14,511
15	31	98 747	37 068,721	553 430,803	14,930	14,461
16	32	98 701	34 708,496	516 362,082	14,877	14,408
17	33	98 641	32 494,158	481 653,587	14,823	14,354
18	34	98 577	30 419,732	449 159,429	14,765	14,296
19	35	98 501	28 474,171	418 739,697	14,706	14,237
20	36	98 420	26 651,828	390 265,525	14,643	14,174
21	37	98 330	24 943,630	363 613,698	14,577	14,108
22	38	98 241	23 345,199	338 670,068	14,507	14,038
23	39	98 139	21 846,374	315 324,869	14,434	13,965
24	40	98 035	20 443,404	293 478,495	14,356	13,887
25	41	97 921	19 128,481	273 035,091	14,274	13,805
26	42	97 800	17 896,667	253 906,610	14,187	13,718
27	43	97 672	16 743,179	236 009,943	14,096	13,627
28	44	97 533	15 662,093	219 266,764	14,000	13,531
29	45	97 383	14 649,234	203 604,671	13,899	13,430
30	46	97 219	13 699,828	188 955,437	13,793	13,323
31	47	97 040	12 809,883	175 255,610	13,681	13,212
32	48	96 834	11 974,440	162 445,727	13,566	13,097
33	49	96 611	11 191,485	150 471,287	13,445	12,976
34	50	96 368	10 457,405	139 279,802	13,319	12,850
35	51	96 100	9 768,986	128 822,396	13,187	12,718
36	52	95 803	9 122,956	119 053,410	13,050	12,581
37	53	95 483	8 517,547	109 930,454	12,906	12,437
38	54	95 133	7 949,704	101 412,906	12,757	12,288
39	55	94 747	7 416,824	93 463,203	12,602	12,132
40	56	94 330	6 917,266	86 046,379	12,439	11,970
41	57	93 871	6 448,311	79 129,112	12,271	11,802
42	58	93 372	6 008,488	72 680,802	12,096	11,627
43	59	92 822	5 595,385	66 672,314	11,916	11,446
44	60	92 222	5 207,719	61 076,929	11,728	11,259
45	61	91 560	4 843,414	55 869,209	11,535	11,066
46	62	90 862	4 502,546	51 025,796	11,333	10,864
47	63	90 112	4 183,053	46 523,249	11,122	10,653
48	64	89 296	3 883,073	42 340,197	10,904	10,435
49	65	88 399	3 600,975	38 457,124	10,680	10,211
50	66	87 415	3 335,721	34 856,149	10,449	9,980
51	67	86 346	3 086,605	31 520,428	10,212	9,743
52	68	85 179	2 852,347	28 433,823	9,969	9,499
53	69	83 936	2 632,990	25 581,477	9,716	9,247
54	70	82 584	2 426,784	22 948,486	9,456	8,987
55	71	81 123	2 233,119	20 521,703	9,190	8,721
56	72	79 545	2 051,214	18 288,584	8,916	8,447
57	73	77 863	1 880,888	16 237,370	8,633	8,164
58	74	76 080	1 721,596	14 356,482	8,339	7,870
59	75	74 147	1 571,766	12 634,885	8,039	7,570
60	76	72 060	1 430,945	11 063,120	7,731	7,262
61	77	69 780	1 298,041	9 632,175	7,421	6,951
62	78	67 325	1 173,196	8 334,134	7,104	6,635
63	79	64 640	1 055,177	7 160,938	6,786	6,317
64	80	61 695	943,421	6 105,760	6,472	6,003
65	81	58 478	837,691	5 162,339	6,163	5,693
66	82	55 043	738,618	4 324,648	5,855	5,386
67	83	51 417	646,341	3 586,031	5,548	5,079
68	84	47 561	560,066	2 939,690	5,249	4,780
69	85	43 535	480,231	2 379,624	4,955	4,486
70	86	39 344	406,560	1 899,393	4,672	4,203
71	87	35 043	339,217	1 492,833	4,401	3,932
72	88	30 729	278,647	1 153,616	4,140	3,671
73	89	26 489	225,013	874,969	3,889	3,419
74	90	22 370	178,006	649,956	3,651	3,182
75	91	18 471	137,689	471,950	3,428	2,959
76	92	14 857	103,744	334,262	3,222	2,753
77	93	11 616	75,984	230,517	3,034	2,565
78	94	8 807	53,967	154,533	2,863	2,394
79	95	6 424	36,877	100,566	2,727	2,258
80	96	4 572	24,586	63,689	2,590	2,121
81	97	3 144	15,839	39,102	2,469	2,000
82	98	2 122	10,013	23,263	2,323	1,854
83	99	1 365	6,034	13,250	2,196	1,727
84	100	836	3,463	7,216	2,084	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 530 257,306	15,373	14,904
1	18	99 172	92 901,156	1 430 717,773	15,400	14,931
2	19	99 125	86 985,420	1 337 816,617	15,380	14,911
3	20	99 090	81 456,736	1 250 831,197	15,356	14,887
4	21	99 059	76 282,124	1 169 374,461	15,330	14,860
5	22	99 031	71 438,547	1 093 092,337	15,301	14,832
6	23	99 005	66 903,470	1 021 653,790	15,271	14,801
7	24	98 973	62 652,942	954 750,320	15,239	14,770
8	25	98 948	58 676,388	892 097,377	15,204	14,735
9	26	98 921	54 951,445	833 420,990	15,166	14,697
10	27	98 894	51 462,609	778 469,544	15,127	14,658
11	28	98 865	48 194,296	727 006,935	15,085	14,616
12	29	98 831	45 131,592	678 812,639	15,041	14,572
13	30	98 798	42 263,585	633 681,047	14,994	14,524
14	31	98 759	39 575,639	591 417,462	14,944	14,475
15	32	98 716	37 056,889	551 841,823	14,892	14,423
16	33	98 667	34 696,450	514 784,934	14,837	14,368
17	34	98 606	32 482,588	480 088,484	14,780	14,311
18	35	98 539	30 407,835	447 605,896	14,720	14,251
19	36	98 461	28 462,711	417 198,061	14,658	14,189
20	37	98 374	26 639,332	388 735,350	14,593	14,123
21	38	98 285	24 932,150	362 096,018	14,523	14,054
22	39	98 183	23 331,527	337 163,868	14,451	13,982
23	40	98 080	21 833,360	313 832,341	14,374	13,905
24	41	97 969	20 429,529	291 998,981	14,293	13,824
25	42	97 847	19 113,889	271 569,452	14,208	13,739
26	43	97 718	17 881,816	252 455,564	14,118	13,649
27	44	97 584	16 728,111	234 573,747	14,023	13,554
28	45	97 433	15 646,117	217 845,636	13,923	13,454
29	46	97 275	14 632,945	202 199,520	13,818	13,349
30	47	97 096	13 682,433	187 566,575	13,709	13,239
31	48	96 901	12 791,519	173 884,142	13,594	13,125
32	49	96 679	11 955,286	161 092,623	13,475	13,005
33	50	96 436	11 171,213	149 137,337	13,350	12,881
34	51	96 178	10 436,797	137 966,125	13,219	12,750
35	52	95 888	9 747,409	127 529,327	13,083	12,614
36	53	95 568	9 100,556	117 781,918	12,942	12,473
37	54	95 222	8 494,268	108 681,362	12,795	12,326
38	55	94 847	7 925,778	100 187,094	12,641	12,172
39	56	94 433	7 392,249	92 261,316	12,481	12,012
40	57	93 989	6 892,233	84 869,067	12,314	11,845
41	58	93 496	6 422,567	77 976,834	12,141	11,672
42	59	92 960	5 981,987	71 554,266	11,962	11,492
43	60	92 373	5 568,359	65 572,279	11,776	11,307
44	61	91 725	5 179,644	60 003,920	11,585	11,115
45	62	91 048	4 816,314	54 824,275	11,383	10,914
46	63	90 310	4 475,186	50 007,961	11,174	10,705
47	64	89 519	4 155,510	45 532,775	10,957	10,488
48	65	88 646	3 854,775	41 377,265	10,734	10,265
49	66	87 691	3 572,123	37 522,490	10,504	10,035
50	67	86 651	3 306,582	33 950,367	10,268	9,798
51	68	85 509	3 056,682	30 643,784	10,025	9,556
52	69	84 309	2 823,211	27 587,103	9,772	9,302
53	70	82 998	2 603,574	24 763,892	9,511	9,042
54	71	81 578	2 397,217	22 160,318	9,244	8,775
55	72	80 037	2 203,217	19 763,101	8,970	8,501
56	73	78 399	2 021,657	17 559,885	8,686	8,217
57	74	76 658	1 851,767	15 538,227	8,391	7,922
58	75	74 778	1 692,143	13 686,460	8,088	7,619
59	76	72 733	1 541,796	11 994,318	7,779	7,310
60	77	70 487	1 399,713	10 452,522	7,468	6,998
61	78	68 073	1 266,301	9 052,809	7,149	6,680
62	79	65 434	1 140,229	7 786,507	6,829	6,360
63	80	62 512	1 020,437	6 646,278	6,513	6,044
64	81	59 325	907,187	5 625,841	6,201	5,732
65	82	55 902	800,780	4 718,654	5,893	5,423
66	83	52 272	701,434	3 917,875	5,586	5,116
67	84	48 431	608,800	3 216,440	5,283	4,814
68	85	44 364	522,417	2 607,640	4,991	4,522
69	86	40 173	443,147	2 085,222	4,705	4,236
70	87	35 846	370,413	1 642,076	4,433	3,964
71	88	31 497	304,892	1 271,662	4,171	3,702
72	89	27 200	246,651	966,770	3,920	3,450
73	90	23 021	195,555	720,119	3,682	3,213
74	91	19 060	151,672	524,564	3,459	2,989
75	92	15 380	114,649	372,892	3,252	2,783
76	93	12 070	84,286	258,243	3,064	2,595
77	94	9 186	60,089	173,957	2,895	2,426
78	95	6 736	41,275	113,869	2,759	2,290
79	96	4 824	27,694	72,593	2,621	2,152
80	97	3 340	17,961	44,900	2,500	2,031
81	98	2 273	11,451	26,939	2,353	1,883
82	99	1 475	6,962	15,488	2,225	1,756
83	100	914	4,040	8,526	2,111	1,642

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 528 359,754	15,357	14,887
1	19	99 152	92 882,238	1 428 834,795	15,383	14,914
2	20	99 106	86 968,630	1 335 952,558	15,361	14,892
3	21	99 072	81 441,653	1 248 983,928	15,336	14,867
4	22	99 043	76 269,495	1 167 542,275	15,308	14,839
5	23	99 014	71 426,185	1 091 272,780	15,278	14,809
6	24	98 983	66 888,953	1 019 846,595	15,247	14,778
7	25	98 956	62 642,318	952 957,643	15,213	14,744
8	26	98 929	58 665,447	890 315,324	15,176	14,707
9	27	98 902	54 940,753	831 649,877	15,137	14,668
10	28	98 873	51 451,368	776 709,124	15,096	14,627
11	29	98 840	48 182,277	725 257,756	15,052	14,583
12	30	98 806	45 119,913	677 075,479	15,006	14,537
13	31	98 769	42 251,035	631 955,566	14,957	14,488
14	32	98 728	39 563,007	589 704,531	14,905	14,436
15	33	98 682	37 044,028	550 141,524	14,851	14,382
16	34	98 632	34 684,097	513 097,496	14,793	14,324
17	35	98 568	32 469,884	478 413,399	14,734	14,265
18	36	98 499	30 395,596	445 943,515	14,671	14,202
19	37	98 415	28 449,366	415 547,919	14,607	14,137
20	38	98 329	26 627,072	387 098,553	14,538	14,069
21	39	98 227	24 917,548	360 471,481	14,467	13,997
22	40	98 125	23 317,628	335 553,933	14,391	13,921
23	41	98 014	21 818,542	312 236,305	14,311	13,841
24	42	97 894	20 413,944	290 417,763	14,226	13,757
25	43	97 765	19 098,028	270 003,819	14,138	13,669
26	44	97 631	17 865,724	250 905,791	14,044	13,575
27	45	97 485	16 711,048	233 040,067	13,945	13,476
28	46	97 325	15 628,719	216 329,019	13,842	13,373
29	47	97 151	14 614,365	200 700,301	13,733	13,264
30	48	96 956	13 662,818	186 085,936	13,620	13,151
31	49	96 746	12 771,058	172 423,117	13,501	13,032
32	50	96 504	11 933,629	159 652,059	13,378	12,909
33	51	96 246	11 149,198	147 718,430	13,249	12,780
34	52	95 965	10 413,745	136 569,232	13,114	12,645
35	53	95 653	9 723,476	126 155,487	12,974	12,505
36	54	95 307	9 075,683	116 432,011	12,829	12,360
37	55	94 935	8 468,703	107 356,328	12,677	12,208
38	56	94 532	7 899,517	98 887,625	12,518	12,049
39	57	94 091	7 365,498	90 988,108	12,353	11,884
40	58	93 613	6 864,718	83 622,610	12,182	11,712
41	59	93 083	6 394,240	76 757,893	12,004	11,535
42	60	92 511	5 953,094	70 363,652	11,820	11,351
43	61	91 875	5 538,340	64 410,558	11,630	11,161
44	62	91 212	5 150,664	58 872,218	11,430	10,961
45	63	90 495	4 787,047	53 721,554	11,222	10,753
46	64	89 715	4 445,720	48 934,507	11,007	10,538
47	65	88 867	4 125,227	44 488,788	10,785	10,315
48	66	87 935	3 823,890	40 363,561	10,556	10,086
49	67	86 925	3 540,919	36 539,670	10,319	9,850
50	68	85 811	3 274,527	32 998,751	10,077	9,608
51	69	84 636	3 025,459	29 724,224	9,825	9,356
52	70	83 367	2 791,669	26 698,765	9,564	9,095
53	71	81 987	2 571,853	23 907,096	9,296	8,827
54	72	80 486	2 365,117	21 335,243	9,021	8,552
55	73	78 884	2 171,470	18 970,126	8,736	8,267
56	74	77 185	1 990,356	16 798,656	8,440	7,971
57	75	75 346	1 820,086	14 808,300	8,136	7,667
58	76	73 352	1 659,878	12 988,214	7,825	7,356
59	77	71 146	1 508,145	11 328,336	7,511	7,042
60	78	68 764	1 365,488	9 820,191	7,192	6,723
61	79	66 161	1 230,718	8 454,704	6,870	6,401
62	80	63 279	1 102,689	7 223,986	6,551	6,082
63	81	60 111	981,245	6 121,297	6,238	5,769
64	82	56 711	867,214	5 140,052	5,927	5,458
65	83	53 088	760,467	4 272,839	5,619	5,150
66	84	49 236	660,694	3 512,372	5,316	4,847
67	85	45 175	567,876	2 851,678	5,022	4,553
68	86	40 938	482,076	2 283,802	4,737	4,268
69	87	36 601	403,748	1 801,726	4,463	3,993
70	88	32 219	332,931	1 397,978	4,199	3,730
71	89	27 880	269,883	1 065,047	3,946	3,477
72	90	23 639	214,360	795,164	3,709	3,240
73	91	19 615	166,625	580,804	3,486	3,017
74	92	15 871	126,292	414,179	3,280	2,810
75	93	12 495	93,145	287,887	3,091	2,622
76	94	9 545	66,654	194,742	2,922	2,453
77	95	7 026	45,957	128,088	2,787	2,318
78	96	5 058	30,996	82,131	2,650	2,181
79	97	3 524	20,231	51,134	2,528	2,058
80	98	2 415	12,985	30,904	2,380	1,911
81	99	1 580	7,961	17,919	2,251	1,782
82	100	988	4,661	9,958	2,136	1,667

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 526 332,917	15,339	14,870
1	20	99 133	92 864,309	1 426 828,226	15,365	14,896
2	21	99 087	86 952,526	1 333 963,917	15,341	14,872
3	22	99 055	81 428,169	1 247 011,391	15,314	14,845
4	23	99 026	76 256,297	1 165 583,222	15,285	14,816
5	24	98 993	71 410,687	1 089 326,925	15,254	14,785
6	25	98 966	66 877,610	1 017 916,238	15,221	14,751
7	26	98 938	62 630,638	951 038,628	15,185	14,716
8	27	98 910	58 654,032	888 407,990	15,147	14,677
9	28	98 881	54 928,753	829 753,958	15,106	14,637
10	29	98 848	51 438,537	774 825,205	15,063	14,594
11	30	98 815	48 169,808	723 386,668	15,017	14,548
12	31	98 777	45 106,515	675 216,860	14,969	14,500
13	32	98 737	42 237,549	630 110,345	14,918	14,449
14	33	98 694	39 549,277	587 872,796	14,864	14,395
15	34	98 647	37 030,839	548 323,519	14,807	14,338
16	35	98 593	34 670,531	511 292,681	14,747	14,278
17	36	98 528	32 456,815	476 622,150	14,685	14,216
18	37	98 453	30 381,345	444 165,334	14,620	14,151
19	38	98 370	28 436,273	413 783,989	14,551	14,082
20	39	98 271	26 611,478	385 347,716	14,481	14,011
21	40	98 168	24 902,705	358 736,238	14,406	13,936
22	41	98 058	23 301,803	333 833,534	14,327	13,857
23	42	97 939	21 801,897	310 531,731	14,243	13,774
24	43	97 813	20 397,004	288 729,834	14,156	13,686
25	44	97 678	19 080,841	268 332,829	14,063	13,594
26	45	97 531	17 847,500	249 251,989	13,966	13,497
27	46	97 376	16 692,466	231 404,488	13,863	13,394
28	47	97 201	15 608,875	214 712,023	13,756	13,287
29	48	97 012	14 593,415	199 103,148	13,643	13,174
30	49	96 801	13 640,964	184 509,733	13,526	13,057
31	50	96 570	12 747,924	170 868,770	13,404	12,935
32	51	96 314	11 910,112	158 120,846	13,276	12,807
33	52	96 034	11 124,572	146 210,734	13,143	12,674
34	53	95 730	10 388,176	135 086,162	13,004	12,535
35	54	95 391	9 696,900	124 697,986	12,860	12,390
36	55	95 020	9 048,369	115 001,085	12,710	12,240
37	56	94 621	8 440,643	105 952,717	12,553	12,084
38	57	94 190	7 870,929	97 512,074	12,389	11,920
39	58	93 716	7 336,093	89 641,144	12,219	11,750
40	59	93 201	6 834,440	82 305,052	12,043	11,574
41	60	92 634	6 363,356	75 470,611	11,860	11,391
42	61	92 012	5 921,001	69 107,255	11,672	11,202
43	62	91 361	5 507,353	63 186,255	11,473	11,004
44	63	90 657	5 119,365	57 678,902	11,267	10,798
45	64	89 899	4 755,527	52 559,537	11,052	10,583
46	65	89 061	4 413,322	47 804,010	10,832	10,363
47	66	88 155	4 092,175	43 390,688	10,603	10,134
48	67	87 167	3 790,487	39 298,513	10,368	9,899
49	68	86 082	3 506,592	35 508,026	10,126	9,657
50	69	84 934	3 241,078	32 001,433	9,874	9,405
51	70	83 690	2 991,658	28 760,355	9,614	9,144
52	71	82 351	2 757,657	25 768,698	9,344	8,875
53	72	80 889	2 537,415	23 011,041	9,069	8,600
54	73	79 326	2 331,038	20 473,626	8,783	8,314
55	74	77 662	2 137,849	18 142,588	8,486	8,017
56	75	75 864	1 956,304	16 004,739	8,181	7,712
57	76	73 910	1 785,382	14 048,434	7,869	7,399
58	77	71 751	1 623,649	12 263,052	7,553	7,084
59	78	69 406	1 471,268	10 639,404	7,231	6,762
60	79	66 832	1 327,117	9 168,136	6,908	6,439
61	80	63 982	1 190,199	7 841,019	6,588	6,119
62	81	60 849	1 060,337	6 650,820	6,272	5,803
63	82	57 462	938,008	5 590,483	5,960	5,491
64	83	53 856	823,557	4 652,475	5,649	5,180
65	84	50 004	716,298	3 828,918	5,345	4,876
66	85	45 926	616,281	3 112,620	5,051	4,582
67	86	41 687	524,024	2 496,339	4,764	4,295
68	87	37 299	439,215	1 972,315	4,491	4,021
69	88	32 897	362,892	1 533,100	4,225	3,756
70	89	28 519	294,702	1 170,207	3,971	3,502
71	90	24 230	234,550	875,505	3,733	3,264
72	91	20 142	182,648	640,954	3,509	3,040
73	92	16 333	138,743	458,306	3,303	2,834
74	93	12 894	102,605	319,563	3,115	2,645
75	94	9 881	73,659	216,958	2,945	2,476
76	95	7 300	50,978	143,299	2,811	2,342
77	96	5 276	34,512	92,321	2,675	2,206
78	97	3 695	22,643	57,808	2,553	2,084
79	98	2 548	14,626	35,165	2,404	1,935
80	99	1 679	9,028	20,539	2,275	1,806
81	100	1 058	5,330	11,511	2,160	1,691

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 524 174,194	15,321	14,851
1	21	99 114	92 847,113	1 424 688,709	15,344	14,875
2	22	99 071	86 938,130	1 331 841,596	15,319	14,850
3	23	99 038	81 414,079	1 244 903,465	15,291	14,822
4	24	99 004	76 239,750	1 163 489,387	15,261	14,792
5	25	98 976	71 398,577	1 087 249,637	15,228	14,759
6	26	98 948	66 865,140	1 015 851,059	15,193	14,723
7	27	98 918	62 618,452	948 985,919	15,155	14,686
8	28	98 889	58 641,221	886 367,467	15,115	14,646
9	29	98 856	54 915,054	827 726,246	15,073	14,604
10	30	98 822	51 425,225	772 811,193	15,028	14,559
11	31	98 785	48 155,505	721 385,967	14,980	14,511
12	32	98 745	45 092,117	673 230,462	14,930	14,461
13	33	98 703	42 222,891	628 138,345	14,877	14,408
14	34	98 658	39 535,195	585 915,454	14,820	14,351
15	35	98 608	37 016,355	546 380,259	14,761	14,291
16	36	98 553	34 656,577	509 363,904	14,697	14,228
17	37	98 482	32 441,598	474 707,327	14,633	14,164
18	38	98 408	30 367,363	442 265,729	14,564	14,095
19	39	98 312	28 419,619	411 898,366	14,493	14,024
20	40	98 213	26 595,625	383 478,747	14,419	13,950
21	41	98 102	24 885,803	356 883,122	14,341	13,872
22	42	97 983	23 284,027	331 997,318	14,259	13,789
23	43	97 858	21 783,806	308 713,292	14,172	13,703
24	44	97 725	20 378,649	286 929,486	14,080	13,611
25	45	97 578	19 061,378	266 550,838	13,984	13,515
26	46	97 422	17 827,654	247 489,460	13,882	13,413
27	47	97 253	16 671,271	229 661,806	13,776	13,307
28	48	97 062	15 586,499	212 990,535	13,665	13,196
29	49	96 857	14 570,071	197 404,036	13,549	13,079
30	50	96 626	13 616,254	182 833,965	13,428	12,958
31	51	96 380	12 722,802	169 217,711	13,300	12,831
32	52	96 101	11 883,805	156 494,909	13,169	12,700
33	53	95 798	11 097,258	144 611,103	13,031	12,562
34	54	95 468	10 359,784	133 513,846	12,888	12,419
35	55	95 104	9 667,716	123 154,062	12,739	12,270
36	56	94 705	9 018,388	113 486,346	12,584	12,115
37	57	94 279	8 410,097	104 467,958	12,422	11,953
38	58	93 814	7 839,506	96 057,861	12,253	11,784
39	59	93 302	7 303,736	88 218,354	12,079	11,609
40	60	92 750	6 801,430	80 914,618	11,897	11,428
41	61	92 134	6 329,051	74 113,188	11,710	11,241
42	62	91 498	5 887,872	67 784,137	11,513	11,043
43	63	90 806	5 473,886	61 896,265	11,308	10,838
44	64	90 060	5 085,657	56 422,379	11,094	10,625
45	65	89 244	4 720,872	51 336,722	10,874	10,405
46	66	88 348	4 377,962	46 615,849	10,648	10,179
47	67	87 384	4 056,428	42 237,888	10,413	9,943
48	68	86 322	3 753,741	38 181,459	10,172	9,702
49	69	85 203	3 470,773	34 427,719	9,919	9,450
50	70	83 986	3 204,868	30 956,946	9,659	9,190
51	71	82 670	2 955,209	27 752,077	9,391	8,922
52	72	81 249	2 720,731	24 796,869	9,114	8,645
53	73	79 723	2 500,853	22 076,138	8,827	8,358
54	74	78 098	2 294,947	19 575,285	8,530	8,061
55	75	76 334	2 101,274	17 280,339	8,224	7,755
56	76	74 418	1 919,003	15 179,064	7,910	7,441
57	77	72 296	1 746,414	13 260,062	7,593	7,124
58	78	69 997	1 583,948	11 513,648	7,269	6,800
59	79	67 456	1 429,925	9 929,700	6,944	6,475
60	80	64 631	1 283,424	8 499,776	6,623	6,154
61	81	61 525	1 144,485	7 216,352	6,305	5,836
62	82	58 168	1 013,616	6 071,866	5,990	5,521
63	83	54 570	890,788	5 058,250	5,678	5,209
64	84	50 728	775,723	4 167,463	5,372	4,903
65	85	46 643	668,148	3 391,740	5,076	4,607
66	86	42 380	568,691	2 723,592	4,789	4,320
67	87	37 981	477,434	2 154,901	4,514	4,044
68	88	33 524	394,771	1 677,467	4,249	3,780
69	89	29 120	321,223	1 282,696	3,993	3,524
70	90	24 785	256,121	961,472	3,754	3,285
71	91	20 646	199,852	705,352	3,529	3,060
72	92	16 772	152,085	505,500	3,324	2,855
73	93	13 270	112,720	353,415	3,135	2,666
74	94	10 197	81,140	240,695	2,966	2,497
75	95	7 558	56,337	159,555	2,832	2,363
76	96	5 482	38,283	103,218	2,696	2,227
77	97	3 854	25,212	64,935	2,576	2,106
78	98	2 671	16,370	39,723	2,427	1,957
79	99	1 771	10,169	23,353	2,297	1,827
80	100	1 124	6,044	13,184	2,181	1,712

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 521 873,609	15,300	14,831
1	22	99 098	92 831,742	1 422 406,547	15,322	14,853
2	23	99 054	86 923,086	1 329 574,805	15,296	14,827
3	24	99 017	81 396,413	1 242 651,719	15,267	14,798
4	25	98 987	76 226,822	1 161 255,306	15,234	14,765
5	26	98 957	71 385,264	1 085 028,483	15,200	14,730
6	27	98 929	66 852,130	1 013 643,219	15,162	14,693
7	28	98 897	62 604,774	946 791,089	15,123	14,654
8	29	98 864	58 626,596	884 186,315	15,082	14,613
9	30	98 830	54 900,843	825 559,719	15,037	14,568
10	31	98 793	51 409,955	770 658,876	14,990	14,521
11	32	98 754	48 140,134	719 248,921	14,941	14,472
12	33	98 711	45 076,468	671 108,787	14,888	14,419
13	34	98 668	42 207,857	626 032,319	14,832	14,363
14	35	98 620	39 519,733	583 824,461	14,773	14,304
15	36	98 568	37 001,457	544 304,729	14,710	14,241
16	37	98 507	34 640,328	507 303,272	14,645	14,176
17	38	98 437	32 426,668	472 662,943	14,576	14,107
18	39	98 350	30 349,578	440 236,276	14,506	14,036
19	40	98 254	28 402,690	409 886,698	14,431	13,962
20	41	98 146	26 577,575	381 484,008	14,354	13,884
21	42	98 027	24 866,819	354 906,434	14,272	13,803
22	43	97 902	23 264,705	330 039,615	14,186	13,717
23	44	97 770	21 764,202	306 774,910	14,095	13,626
24	45	97 625	20 357,862	285 010,708	14,000	13,531
25	46	97 469	19 040,182	264 652,846	13,900	13,431
26	47	97 299	17 805,018	245 612,664	13,795	13,325
27	48	97 113	16 647,372	227 807,646	13,684	13,215
28	49	96 907	15 561,567	211 160,274	13,569	13,100
29	50	96 681	14 543,678	195 598,707	13,449	12,980
30	51	96 436	13 589,421	181 055,029	13,323	12,854
31	52	96 167	12 694,700	167 465,608	13,192	12,723
32	53	95 865	11 854,627	154 770,908	13,056	12,587
33	54	95 536	11 066,927	142 916,281	12,914	12,445
34	55	95 181	10 328,604	131 849,354	12,765	12,296
35	56	94 789	9 635,683	121 520,749	12,612	12,142
36	57	94 362	8 985,752	111 885,066	12,451	11,982
37	58	93 902	8 376,522	102 899,314	12,284	11,815
38	59	93 400	7 804,930	94 522,793	12,111	11,642
39	60	92 852	7 268,459	86 717,863	11,931	11,462
40	61	92 250	6 764,763	79 449,404	11,745	11,275
41	62	91 619	6 293,639	72 684,640	11,549	11,080
42	63	90 942	5 852,094	66 391,001	11,345	10,876
43	64	90 208	5 437,844	60 538,907	11,133	10,664
44	65	89 404	5 048,596	55 101,063	10,914	10,445
45	66	88 529	4 683,048	50 052,467	10,688	10,219
46	67	87 576	4 339,718	45 369,419	10,454	9,985
47	68	86 537	4 017,104	41 029,701	10,214	9,745
48	69	85 440	3 715,397	37 012,597	9,962	9,493
49	70	84 251	3 431,997	33 297,201	9,702	9,233
50	71	82 962	3 165,822	29 865,204	9,434	8,965
51	72	81 563	2 915,637	26 699,382	9,157	8,688
52	73	80 078	2 681,527	23 783,745	8,869	8,400
53	74	78 489	2 462,133	21 102,218	8,571	8,102
54	75	76 762	2 255,684	18 640,085	8,264	7,794
55	76	74 878	2 061,208	16 384,401	7,949	7,480
56	77	72 794	1 877,118	14 323,193	7,630	7,161
57	78	70 529	1 703,711	12 446,075	7,305	6,836
58	79	68 030	1 539,438	10 742,364	6,978	6,509
59	80	65 235	1 382,847	9 202,926	6,655	6,186
60	81	62 149	1 234,130	7 820,079	6,337	5,867
61	82	58 814	1 094,057	6 585,949	6,020	5,551
62	83	55 239	962,589	5 491,892	5,705	5,236
63	84	51 400	839,049	4 529,303	5,398	4,929
64	85	47 318	723,578	3 690,254	5,100	4,631
65	86	43 041	616,552	2 966,676	4,812	4,343
66	87	38 612	518,130	2 350,124	4,536	4,067
67	88	34 137	429,123	1 831,994	4,269	3,800
68	89	29 675	349,442	1 402,871	4,015	3,545
69	90	25 308	279,169	1 053,430	3,773	3,304
70	91	21 119	218,231	774,260	3,548	3,079
71	92	17 191	166,409	556,029	3,341	2,872
72	93	13 626	123,560	389,620	3,153	2,684
73	94	10 494	89,140	266,060	2,985	2,516
74	95	7 799	62,058	176,920	2,851	2,382
75	96	5 675	42,307	114,862	2,715	2,246
76	97	4 005	27,966	72,555	2,594	2,125
77	98	2 786	18,227	44,589	2,446	1,977
78	99	1 857	11,381	26,362	2,316	1,847
79	100	1 186	6,808	14,980	2,201	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 519 420,832	15,278	14,809
1	23	99 081	92 815,678	1 419 970,237	15,299	14,830
2	24	99 032	86 904,225	1 327 154,559	15,271	14,802
3	25	99 000	81 382,611	1 240 250,334	15,240	14,771
4	26	98 969	76 212,609	1 158 867,724	15,206	14,737
5	27	98 938	71 371,375	1 082 655,115	15,169	14,700
6	28	98 907	66 837,528	1 011 283,740	15,130	14,661
7	29	98 872	62 589,161	944 446,212	15,090	14,620
8	30	98 838	58 611,424	881 857,051	15,046	14,577
9	31	98 801	54 884,541	823 245,627	15,000	14,530
10	32	98 761	51 393,546	768 361,086	14,951	14,481
11	33	98 720	48 123,427	716 967,540	14,899	14,429
12	34	98 676	45 060,419	668 844,113	14,843	14,374
13	35	98 629	42 191,349	623 783,694	14,785	14,316
14	36	98 580	39 503,827	581 592,345	14,722	14,253
15	37	98 522	36 984,109	542 088,519	14,657	14,188
16	38	98 462	34 624,386	505 104,410	14,588	14,119
17	39	98 379	32 407,677	470 480,024	14,518	14,048
18	40	98 291	30 331,499	438 072,347	14,443	13,974
19	41	98 187	28 383,413	407 740,849	14,365	13,896
20	42	98 071	26 557,300	379 357,436	14,284	13,815
21	43	97 946	24 846,184	352 800,136	14,199	13,730
22	44	97 814	23 243,769	327 953,952	14,109	13,640
23	45	97 670	21 742,001	304 710,183	14,015	13,546
24	46	97 517	20 335,224	282 968,182	13,915	13,446
25	47	97 346	19 016,006	262 632,958	13,811	13,342
26	48	97 159	17 779,494	243 616,951	13,702	13,233
27	49	96 958	16 620,743	225 837,457	13,588	13,119
28	50	96 731	15 533,378	209 216,714	13,469	13,000
29	51	96 491	14 515,018	193 683,336	13,344	12,875
30	52	96 223	13 559,405	179 168,319	13,214	12,744
31	53	95 931	12 663,531	165 608,914	13,078	12,608
32	54	95 603	11 822,227	152 945,383	12,937	12,468
33	55	95 249	11 033,620	141 123,156	12,790	12,321
34	56	94 866	10 294,382	130 089,537	12,637	12,168
35	57	94 446	9 600,813	119 795,155	12,478	12,008
36	58	93 986	8 949,878	110 194,342	12,312	11,843
37	59	93 488	8 339,577	101 244,464	12,140	11,671
38	60	92 949	7 767,232	92 904,888	11,961	11,492
39	61	92 351	7 229,275	85 137,656	11,777	11,308
40	62	91 734	6 726,914	77 908,381	11,582	11,112
41	63	91 062	6 255,395	71 181,467	11,379	10,910
42	64	90 343	5 813,561	64 926,072	11,168	10,699
43	65	89 551	5 398,217	59 112,511	10,950	10,481
44	66	88 688	5 008,146	53 714,294	10,725	10,256
45	67	87 755	4 642,139	48 706,148	10,492	10,023
46	68	86 727	4 297,647	44 064,009	10,253	9,784
47	69	85 653	3 976,070	39 766,361	10,001	9,532
48	70	84 486	3 673,888	35 790,292	9,742	9,273
49	71	83 224	3 390,183	32 116,404	9,473	9,004
50	72	81 851	3 123,430	28 726,221	9,197	8,728
51	73	80 388	2 873,625	25 602,791	8,910	8,440
52	74	78 838	2 640,009	22 729,166	8,610	8,140
53	75	77 146	2 420,009	20 089,156	8,301	7,832
54	76	75 298	2 212,673	17 669,147	7,985	7,516
55	77	73 244	2 016,220	15 456,473	7,666	7,197
56	78	71 014	1 831,219	13 440,253	7,340	6,870
57	79	68 547	1 655,836	11 609,034	7,011	6,542
58	80	65 790	1 488,755	9 953,198	6,686	6,216
59	81	62 729	1 329,735	8 464,443	6,366	5,896
60	82	59 411	1 179,751	7 134,709	6,048	5,579
61	83	55 853	1 038,980	5 954,957	5,732	5,262
62	84	52 031	906,680	4 915,977	5,422	4,953
63	85	47 945	782,647	4 009,298	5,123	4,654
64	86	43 664	667,702	3 226,650	4,832	4,363
65	87	39 214	561,736	2 558,948	4,555	4,086
66	88	34 705	465,701	1 997,212	4,289	3,819
67	89	30 218	379,849	1 531,511	4,032	3,563
68	90	25 790	303,693	1 151,662	3,792	3,323
69	91	21 564	237,870	847,969	3,565	3,096
70	92	17 585	181,713	610,099	3,357	2,888
71	93	13 967	135,198	428,386	3,169	2,699
72	94	10 775	97,711	293,188	3,001	2,531
73	95	8 026	68,176	195,477	2,867	2,398
74	96	5 857	46,604	127,300	2,732	2,262
75	97	4 146	30,906	80,697	2,611	2,142
76	98	2 895	20,218	49,791	2,463	1,994
77	99	1 937	12,673	29,573	2,334	1,864
78	100	1 243	7,620	16,900	2,218	1,749

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 516 803,591	15,254	14,785
1	24	99 059	92 795,538	1 417 370,206	15,274	14,805
2	25	99 015	86 889,489	1 324 574,667	15,244	14,775
3	26	98 982	81 367,436	1 237 685,179	15,211	14,742
4	27	98 950	76 197,780	1 156 317,743	15,175	14,706
5	28	98 916	71 355,785	1 080 119,963	15,137	14,668
6	29	98 882	66 820,859	1 008 764,177	15,097	14,627
7	30	98 847	62 572,964	941 943,319	15,054	14,584
8	31	98 809	58 594,021	879 370,355	15,008	14,539
9	32	98 769	54 867,022	820 776,334	14,959	14,490
10	33	98 727	51 375,710	765 909,312	14,908	14,439
11	34	98 684	48 106,293	714 533,602	14,853	14,384
12	35	98 637	45 042,795	666 427,309	14,795	14,326
13	36	98 590	42 174,368	621 384,514	14,734	14,265
14	37	98 534	39 485,305	579 210,146	14,669	14,200
15	38	98 477	36 967,088	539 724,841	14,600	14,131
16	39	98 404	34 604,108	502 757,753	14,529	14,060
17	40	98 320	32 388,371	468 153,645	14,454	13,985
18	41	98 225	30 310,913	435 765,274	14,377	13,907
19	42	98 112	28 361,760	405 454,361	14,296	13,827
20	43	97 990	26 535,262	377 092,601	14,211	13,742
21	44	97 858	24 823,824	350 557,339	14,122	13,653
22	45	97 714	23 220,059	325 733,515	14,028	13,559
23	46	97 561	21 717,825	302 513,456	13,929	13,460
24	47	97 393	20 309,404	280 795,631	13,826	13,357
25	48	97 206	18 988,746	260 486,226	13,718	13,249
26	49	97 004	17 751,054	241 497,480	13,605	13,136
27	50	96 782	16 590,636	223 746,426	13,486	13,017
28	51	96 541	15 502,767	207 155,791	13,363	12,893
29	52	96 278	14 482,957	191 653,024	13,233	12,764
30	53	95 986	13 526,112	177 170,067	13,098	12,629
31	54	95 669	12 628,920	163 643,955	12,958	12,489
32	55	95 315	11 786,646	151 015,035	12,812	12,343
33	56	94 933	10 997,061	139 228,389	12,661	12,191
34	57	94 522	10 257,128	128 231,328	12,502	12,033
35	58	94 069	9 562,484	117 974,200	12,337	11,868
36	59	93 571	8 910,404	108 411,716	12,167	11,698
37	60	93 036	8 299,296	99 501,312	11,989	11,520
38	61	92 448	7 725,359	91 202,016	11,806	11,336
39	62	91 834	7 188,826	83 476,657	11,612	11,143
40	63	91 177	6 686,037	76 287,831	11,410	10,941
41	64	90 463	6 214,207	69 601,794	11,200	10,731
42	65	89 684	5 771,195	63 387,587	10,983	10,514
43	66	88 833	5 354,965	57 616,392	10,759	10,290
44	67	87 913	4 964,398	52 261,426	10,527	10,058
45	68	86 904	4 597,137	47 297,029	10,288	9,819
46	69	85 841	4 253,748	42 699,892	10,038	9,569
47	70	84 696	3 931,648	38 446,144	9,779	9,310
48	71	83 457	3 629,127	34 514,496	9,510	9,041
49	72	82 110	3 344,787	30 885,369	9,234	8,765
50	73	80 672	3 078,424	27 540,582	8,946	8,477
51	74	79 144	2 829,133	24 462,158	8,647	8,177
52	75	77 489	2 594,843	21 633,025	8,337	7,868
53	76	75 675	2 373,866	19 038,182	8,020	7,551
54	77	73 654	2 164,379	16 664,316	7,699	7,230
55	78	71 453	1 966,920	14 499,936	7,372	6,903
56	79	69 018	1 779,761	12 533,017	7,042	6,573
57	80	66 290	1 601,320	10 753,255	6,715	6,246
58	81	63 263	1 431,575	9 151,935	6,393	5,924
59	82	59 965	1 271,143	7 720,360	6,074	5,604
60	83	56 420	1 120,361	6 449,217	5,756	5,287
61	84	52 609	978,634	5 328,856	5,445	4,976
62	85	48 533	845,732	4 350,222	5,144	4,675
63	86	44 243	722,210	3 504,490	4,852	4,383
64	87	39 782	608,339	2 782,280	4,574	4,104
65	88	35 246	504,894	2 173,941	4,306	3,837
66	89	30 720	412,227	1 669,047	4,049	3,580
67	90	26 261	330,120	1 256,821	3,807	3,338
68	91	21 975	258,766	926,701	3,581	3,112
69	92	17 955	198,066	667,935	3,372	2,903
70	93	14 287	147,631	469,869	3,183	2,714
71	94	11 045	106,915	322,238	3,014	2,545
72	95	8 241	74,732	215,323	2,881	2,412
73	96	6 027	51,198	140,591	2,746	2,277
74	97	4 278	34,045	89,393	2,626	2,157
75	98	2 997	22,343	55,348	2,477	2,008
76	99	2 013	14,057	33,005	2,348	1,879
77	100	1 297	8,484	18,948	2,233	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 514 011,675	15,230	14,761
1	25	99 042	92 779,803	1 414 599,865	15,247	14,778
2	26	98 997	86 873,287	1 321 820,063	15,215	14,746
3	27	98 962	81 351,604	1 234 946,775	15,180	14,711
4	28	98 928	76 181,136	1 153 595,171	15,143	14,674
5	29	98 892	71 337,989	1 077 414,035	15,103	14,634
6	30	98 857	66 803,567	1 006 076,045	15,060	14,591
7	31	98 817	62 554,384	939 272,478	15,015	14,546
8	32	98 777	58 575,318	876 718,094	14,967	14,498
9	33	98 735	54 847,981	818 142,777	14,917	14,447
10	34	98 692	51 357,417	763 294,796	14,862	14,393
11	35	98 646	48 087,478	711 937,379	14,805	14,336
12	36	98 597	45 024,666	663 849,901	14,744	14,275
13	37	98 543	42 154,595	618 825,235	14,680	14,211
14	38	98 489	39 467,133	576 670,640	14,611	14,142
15	39	98 419	36 945,438	537 203,507	14,540	14,071
16	40	98 346	34 583,494	500 258,069	14,465	13,996
17	41	98 254	32 366,389	465 674,575	14,388	13,918
18	42	98 150	30 287,790	433 308,186	14,306	13,837
19	43	98 031	28 338,225	403 020,396	14,222	13,753
20	44	97 902	26 511,382	374 682,171	14,133	13,664
21	45	97 758	24 798,503	348 170,789	14,040	13,571
22	46	97 605	23 194,239	323 372,286	13,942	13,473
23	47	97 437	21 690,249	300 178,046	13,839	13,370
24	48	97 253	20 280,290	278 487,797	13,732	13,263
25	49	97 051	18 958,372	258 207,507	13,620	13,151
26	50	96 828	17 718,899	239 249,135	13,502	13,033
27	51	96 592	16 557,941	221 530,236	13,379	12,910
28	52	96 327	15 468,524	204 972,295	13,251	12,782
29	53	96 041	14 447,397	189 503,771	13,117	12,648
30	54	95 724	13 489,143	175 056,373	12,978	12,508
31	55	95 381	12 590,911	161 567,230	12,832	12,363
32	56	94 999	11 747,592	148 976,319	12,681	12,212
33	57	94 589	10 957,264	137 228,726	12,524	12,055
34	58	94 145	10 216,178	126 271,462	12,360	11,891
35	59	93 654	9 520,308	116 055,284	12,190	11,721
36	60	93 119	8 867,367	106 534,976	12,014	11,545
37	61	92 535	8 254,555	97 667,609	11,832	11,363
38	62	91 931	7 682,134	89 413,055	11,639	11,170
39	63	91 276	7 145,142	81 730,920	11,439	10,970
40	64	90 576	6 642,013	74 585,778	11,229	10,760
41	65	89 803	6 168,922	67 943,765	11,014	10,545
42	66	88 966	5 724,956	61 774,843	10,790	10,321
43	67	88 057	5 308,187	56 049,887	10,559	10,090
44	68	87 061	4 916,271	50 741,700	10,321	9,852
45	69	86 017	4 550,178	45 825,429	10,071	9,602
46	70	84 882	4 206,224	41 275,251	9,813	9,344
47	71	83 665	3 883,747	37 069,027	9,545	9,076
48	72	82 339	3 580,532	33 185,280	9,268	8,799
49	73	80 927	3 296,591	29 604,748	8,980	8,511
50	74	79 423	3 030,761	26 308,157	8,680	8,211
51	75	77 790	2 780,731	23 277,396	8,371	7,902
52	76	76 012	2 545,366	20 496,665	8,053	7,583
53	77	74 024	2 322,054	17 951,299	7,731	7,262
54	78	71 853	2 111,456	15 629,245	7,402	6,933
55	79	69 445	1 911,649	13 517,789	7,071	6,602
56	80	66 746	1 721,166	11 606,140	6,743	6,274
57	81	63 744	1 539,817	9 884,974	6,420	5,950
58	82	60 476	1 368,496	8 345,157	6,098	5,629
59	83	56 946	1 207,152	6 976,661	5,779	5,310
60	84	53 143	1 055,288	5 769,509	5,467	4,998
61	85	49 073	912,849	4 714,221	5,164	4,695
62	86	44 786	780,423	3 801,372	4,871	4,402
63	87	40 309	658,000	3 020,949	4,591	4,122
64	88	35 757	546,781	2 362,948	4,322	3,852
65	89	31 199	446,920	1 816,168	4,064	3,595
66	90	26 698	358,259	1 369,248	3,822	3,353
67	91	22 376	281,283	1 010,990	3,594	3,125
68	92	18 298	215,465	729,707	3,387	2,918
69	93	14 588	160,917	514,242	3,196	2,727
70	94	11 298	116,747	353,325	3,026	2,557
71	95	8 447	81,771	236,577	2,893	2,424
72	96	6 189	56,122	154,806	2,758	2,289
73	97	4 403	37,401	98,685	2,639	2,169
74	98	3 093	24,612	61,284	2,490	2,021
75	99	2 084	15,535	36,671	2,361	1,891
76	100	1 348	9,411	21,137	2,246	1,777

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 511 038,105	15,202	14,733
1	26	99 024	92 762,503	1 411 643,152	15,218	14,749
2	27	98 978	86 856,384	1 318 880,649	15,185	14,715
3	28	98 941	81 333,835	1 232 024,265	15,148	14,679
4	29	98 903	76 162,137	1 150 690,431	15,108	14,639
5	30	98 866	71 319,529	1 074 528,293	15,066	14,597
6	31	98 828	66 783,731	1 003 208,765	15,022	14,553
7	32	98 786	62 534,417	936 425,034	14,975	14,505
8	33	98 743	58 554,989	873 890,617	14,924	14,455
9	34	98 700	54 828,452	815 335,628	14,871	14,402
10	35	98 653	51 337,331	760 507,176	14,814	14,345
11	36	98 606	48 068,123	709 169,845	14,753	14,284
12	37	98 551	45 003,556	661 101,721	14,690	14,221
13	38	98 498	42 135,194	616 098,165	14,622	14,153
14	39	98 431	39 444,019	573 962,971	14,551	14,082
15	40	98 360	36 923,429	534 518,952	14,476	14,007
16	41	98 279	34 560,022	497 595,523	14,398	13,929
17	42	98 179	32 341,698	463 035,501	14,317	13,848
18	43	98 068	30 262,657	430 693,802	14,232	13,763
19	44	97 943	28 312,723	400 431,146	14,143	13,674
20	45	97 802	26 484,340	372 118,423	14,051	13,581
21	46	97 649	24 770,928	345 634,083	13,953	13,484
22	47	97 481	23 164,789	320 863,155	13,851	13,382
23	48	97 298	21 659,156	297 698,366	13,745	13,276
24	49	97 098	20 247,850	276 039,211	13,633	13,164
25	50	96 875	18 924,030	255 791,361	13,517	13,048
26	51	96 637	17 683,981	236 867,331	13,394	12,925
27	52	96 378	16 521,368	219 183,350	13,267	12,798
28	53	96 091	15 430,545	202 661,982	13,134	12,665
29	54	95 779	14 407,910	187 231,437	12,995	12,526
30	55	95 436	13 448,546	172 823,527	12,851	12,382
31	56	95 065	12 549,193	159 374,981	12,700	12,231
32	57	94 656	11 705,079	146 825,788	12,544	12,075
33	58	94 212	10 913,520	135 120,709	12,381	11,912
34	59	93 730	10 171,119	124 207,189	12,212	11,743
35	60	93 202	9 474,325	114 036,070	12,036	11,567
36	61	92 617	8 819,563	104 561,745	11,856	11,387
37	62	92 017	8 208,370	95 742,183	11,664	11,195
38	63	91 372	7 635,453	87 533,813	11,464	10,995
39	64	90 675	7 098,096	79 898,360	11,256	10,787
40	65	89 916	6 593,610	72 800,265	11,041	10,572
41	66	89 084	6 119,496	66 206,654	10,819	10,350
42	67	88 189	5 674,946	60 087,158	10,588	10,119
43	68	87 204	5 256,728	54 412,213	10,351	9,882
44	69	86 171	4 866,052	49 155,485	10,102	9,633
45	70	85 056	4 499,342	44 289,433	9,844	9,374
46	71	83 848	4 154,978	39 790,091	9,576	9,107
47	72	82 544	3 831,742	35 635,113	9,300	8,831
48	73	81 153	3 528,939	31 803,371	9,012	8,543
49	74	79 674	3 245,551	28 274,432	8,712	8,243
50	75	78 064	2 978,910	25 028,881	8,402	7,933
51	76	76 306	2 727,710	22 049,972	8,084	7,615
52	77	74 353	2 489,810	19 322,262	7,761	7,291
53	78	72 214	2 265,275	16 832,452	7,431	6,962
54	79	69 834	2 052,124	14 567,177	7,099	6,629
55	80	67 159	1 848,711	12 515,053	6,770	6,300
56	81	64 182	1 655,059	10 666,342	6,445	5,976
57	82	60 935	1 471,969	9 011,282	6,122	5,653
58	83	57 431	1 299,604	7 539,314	5,801	5,332
59	84	53 639	1 137,038	6 239,710	5,488	5,019
60	85	49 570	984,351	5 102,672	5,184	4,715
61	86	45 283	842,358	4 118,321	4,889	4,420
62	87	40 804	711,038	3 275,963	4,607	4,138
63	88	36 230	591,417	2 564,925	4,337	3,868
64	89	31 651	483,997	1 973,508	4,078	3,608
65	90	27 115	388,410	1 489,512	3,835	3,366
66	91	22 748	305,259	1 101,102	3,607	3,138
67	92	18 632	234,214	795,843	3,398	2,929
68	93	14 866	175,053	561,629	3,208	2,739
69	94	11 536	127,253	386,576	3,038	2,569
70	95	8 641	89,291	259,322	2,904	2,435
71	96	6 344	61,408	170,031	2,769	2,300
72	97	4 521	40,998	108,623	2,650	2,180
73	98	3 183	27,039	67,626	2,501	2,032
74	99	2 150	17,112	40,587	2,372	1,903
75	100	1 395	10,400	23,475	2,257	1,788

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	93 344,582	1 449 535,628	15,529	15,060
2	1	99 313	87 150,574	1 356 191,046	15,561	15,092
3	2	99 275	81 608,288	1 269 040,473	15,550	15,081
4	3	99 250	76 429,100	1 187 432,185	15,536	15,067
5	4	99 227	71 579,514	1 111 003,085	15,521	15,052
6	5	99 208	67 040,993	1 039 423,571	15,504	15,035
7	6	99 191	62 790,645	972 382,577	15,486	15,017
8	7	99 176	58 811,452	909 591,932	15,466	14,997
9	8	99 163	55 085,492	850 780,479	15,445	14,976
10	9	99 149	51 594,990	795 694,988	15,422	14,953
11	10	99 135	48 325,699	744 099,997	15,398	14,928
12	11	99 120	45 263,251	695 774,298	15,372	14,903
13	12	99 105	42 394,691	650 511,047	15,344	14,875
14	13	99 087	39 707,057	608 116,356	15,315	14,846
15	14	99 067	37 188,626	568 409,299	15,284	14,815
16	15	99 042	34 828,229	531 220,673	15,253	14,783
17	16	99 004	32 613,492	496 392,444	15,220	14,751
18	17	98 961	30 538,013	463 778,952	15,187	14,718
19	18	98 908	28 591,884	433 240,939	15,153	14,683
20	19	98 847	26 767,331	404 649,055	15,117	14,648
21	20	98 783	25 058,643	377 881,724	15,080	14,611
22	21	98 721	23 459,296	352 823,081	15,040	14,571
23	22	98 660	21 962,373	329 363,785	14,997	14,528
24	23	98 598	20 560,646	307 401,412	14,951	14,482
25	24	98 528	19 247,070	286 840,766	14,903	14,434
26	25	98 464	18 018,311	267 593,696	14,851	14,382
27	26	98 399	16 867,837	249 575,385	14,796	14,327
28	27	98 328	15 789,841	232 707,548	14,738	14,269
29	28	98 256	14 780,572	216 917,707	14,676	14,207
30	29	98 175	13 834,590	202 137,135	14,611	14,142
31	30	98 093	12 948,985	188 302,545	14,542	14,073
32	31	97 997	12 118,248	175 353,560	14,470	14,001
33	32	97 897	11 340,415	163 235,312	14,394	13,925
34	33	97 793	10 612,112	151 894,897	14,313	13,844
35	34	97 680	9 929,547	141 282,785	14,229	13,759
36	35	97 555	9 289,791	131 353,238	14,140	13,670
37	36	97 429	8 691,159	122 063,447	14,045	13,575
38	37	97 292	8 130,159	113 372,288	13,945	13,476
39	38	97 145	7 604,580	105 242,129	13,839	13,370
40	39	96 983	7 111,786	97 637,549	13,729	13,260
41	40	96 803	6 649,758	90 525,763	13,613	13,144
42	41	96 609	6 216,809	83 876,005	13,492	13,023
43	42	96 392	5 810,595	77 659,196	13,365	12,896
44	43	96 154	5 429,757	71 848,601	13,232	12,763
45	44	95 895	5 072,721	66 418,844	13,093	12,624
46	45	95 601	4 737,412	61 346,123	12,949	12,480
47	46	95 286	4 423,237	56 608,711	12,798	12,329
48	47	94 929	4 128,000	52 185,474	12,642	12,173
49	48	94 529	3 850,682	48 057,474	12,480	12,011
50	49	94 081	3 590,093	44 206,792	12,314	11,844
51	50	93 580	3 345,184	40 616,699	12,142	11,673
52	51	93 035	3 115,411	37 271,516	11,964	11,494
53	52	92 418	2 899,085	34 156,105	11,782	11,313
54	53	91 732	2 695,594	31 257,020	11,596	11,126
55	54	90 971	2 504,208	28 561,426	11,405	10,936
56	55	90 140	2 324,422	26 057,218	11,210	10,741
57	56	89 227	2 155,407	23 732,795	11,011	10,542
58	57	88 234	1 996,640	21 577,389	10,807	10,338
59	58	87 140	1 847,197	19 580,749	10,600	10,131
60	59	85 953	1 706,827	17 733,552	10,390	9,921
61	60	84 679	1 575,202	16 026,725	10,174	9,705
62	61	83 297	1 451,517	14 451,523	9,956	9,487
63	62	81 827	1 335,730	13 000,006	9,733	9,263
64	63	80 267	1 227,414	11 664,276	9,503	9,034
65	64	78 600	1 125,924	10 436,862	9,270	8,800
66	65	76 828	1 030,954	9 310,938	9,031	8,562
67	66	74 967	942,367	8 279,985	8,786	8,317
68	67	72 978	859,357	7 337,618	8,538	8,069
69	68	70 918	782,304	6 478,261	8,281	7,812
70	69	68 746	710,384	5 695,957	8,018	7,549
71	70	66 455	643,288	4 985,573	7,750	7,281
72	71	64 044	580,750	4 342,286	7,477	7,008
73	72	61 534	522,708	3 761,536	7,196	6,727
74	73	58 931	468,945	3 238,827	6,907	6,437
75	74	56 225	419,119	2 769,882	6,609	6,140
76	75	53 382	372,767	2 350,763	6,306	5,837
77	76	50 393	329,644	1 977,996	6,000	5,531
78	77	47 260	289,599	1 648,352	5,692	5,223
79	78	43 972	252,415	1 358,753	5,383	4,914
80	79	40 502	217,796	1 106,338	5,080	4,611
81	80	36 874	185,748	888,542	4,784	4,314
82	81	33 099	156,187	702,794	4,500	4,031
83	82	29 275	129,407	546,606	4,224	3,755
84	83	25 443	105,359	417,199	3,960	3,491
85	84	21 681	84,103	311,840	3,708	3,239
86	85	18 049	65,588	227,738	3,472	3,003
87	86	14 656	49,891	162,150	3,250	2,781
88	87	11 578	36,918	112,259	3,041	2,572
89	88	8 871	26,498	75,340	2,843	2,374
90	89	6 577	18,403	48,842	2,654	2,185
91	90	4 689	12,292	30,438	2,476	2,007
92	91	3 187	7,826	18,146	2,319	1,850
93	92	2 059	4,735	10,320	2,179	1,710
94	93	1 265	2,725	5,585	2,049	1,580
95	94	727	1,467	2,860	1,950	1,481
96	95	397	0,750	1,393	1,856	1,387
97	96	205	0,363	0,643	1,771	1,302
98	97	99	0,164	0,280	1,702	1,233
99	98	46	0,071	0,115	1,624	1,155
100	99	20	0,028	0,044	1,558	1,088

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	87 418,411	1 356 937,895	15,522	15,053
3	1	99 297	81 627,148	1 269 519,483	15,553	15,084
4	2	99 262	76 438,202	1 187 892,335	15,541	15,071
5	3	99 238	71 588,043	1 111 454,132	15,526	15,057
6	4	99 217	67 047,090	1 039 866,089	15,509	15,040
7	5	99 198	62 795,355	972 818,999	15,492	15,023
8	6	99 182	58 815,324	910 023,645	15,473	15,003
9	7	99 168	55 088,207	851 208,321	15,452	14,983
10	8	99 155	51 598,185	796 120,113	15,429	14,960
11	9	99 141	48 328,826	744 521,929	15,405	14,936
12	10	99 126	45 265,933	696 193,102	15,380	14,911
13	11	99 112	42 397,849	650 927,169	15,353	14,884
14	12	99 095	39 710,199	608 529,320	15,324	14,855
15	13	99 075	37 191,814	568 819,121	15,294	14,825
16	14	99 052	34 831,884	531 627,307	15,263	14,794
17	15	99 016	32 617,572	496 795,423	15,231	14,762
18	16	98 975	30 542,322	464 177,850	15,198	14,729
19	17	98 923	28 596,071	433 635,528	15,164	14,695
20	18	98 867	26 772,783	405 039,456	15,129	14,660
21	19	98 802	25 063,481	378 266,674	15,092	14,623
22	20	98 739	23 463,641	353 203,193	15,053	14,584
23	21	98 676	21 966,010	329 739,552	15,011	14,542
24	22	98 615	20 564,204	307 773,542	14,966	14,497
25	23	98 550	19 251,247	287 209,338	14,919	14,450
26	24	98 481	18 021,367	267 958,091	14,869	14,400
27	25	98 418	16 870,983	249 936,724	14,815	14,345
28	26	98 347	15 792,914	233 065,741	14,758	14,288
29	27	98 278	14 783,801	217 272,827	14,697	14,228
30	28	98 200	13 838,041	202 489,026	14,633	14,164
31	29	98 119	12 952,337	188 650,985	14,565	14,096
32	30	98 026	12 121,847	175 698,648	14,494	14,025
33	31	97 928	11 344,036	163 576,801	14,420	13,951
34	32	97 827	10 615,796	152 232,765	14,340	13,871
35	33	97 715	9 933,083	141 616,968	14,257	13,788
36	34	97 593	9 293,426	131 683,885	14,170	13,700
37	35	97 468	8 694,659	122 390,459	14,077	13,607
38	36	97 338	8 133,973	113 695,800	13,978	13,509
39	37	97 190	7 608,081	105 561,828	13,875	13,406
40	38	97 039	7 115,953	97 953,747	13,765	13,296
41	39	96 861	6 653,722	90 837,793	13,652	13,183
42	40	96 675	6 221,031	84 184,071	13,532	13,063
43	41	96 465	5 815,031	77 963,040	13,407	12,938
44	42	96 234	5 434,266	72 148,009	13,276	12,807
45	43	95 981	5 077,290	66 713,743	13,140	12,671
46	44	95 699	4 742,249	61 636,452	12,997	12,528
47	45	95 392	4 428,161	56 894,203	12,848	12,379
48	46	95 050	4 133,248	52 466,042	12,694	12,225
49	47	94 664	3 856,210	48 332,794	12,534	12,065
50	48	94 231	3 595,845	44 476,584	12,369	11,900
51	49	93 750	3 351,254	40 880,740	12,199	11,730
52	50	93 218	3 121,562	37 529,486	12,023	11,554
53	51	92 623	2 905,503	34 407,923	11,842	11,373
54	52	91 958	2 702,229	31 502,421	11,658	11,189
55	53	91 221	2 511,071	28 800,192	11,469	11,000
56	54	90 412	2 331,439	26 289,121	11,276	10,807
57	55	89 524	2 162,572	23 957,681	11,078	10,609
58	56	88 555	2 003,891	21 795,109	10,876	10,407
59	57	87 489	1 854,601	19 791,218	10,671	10,202
60	58	86 334	1 714,389	17 936,616	10,462	9,993
61	59	85 090	1 582,847	16 222,228	10,249	9,780
62	60	83 749	1 459,385	14 639,381	10,031	9,562
63	61	82 287	1 343,246	13 179,996	9,812	9,343
64	62	80 757	1 234,918	11 836,751	9,585	9,116
65	63	79 121	1 133,386	10 601,833	9,354	8,885
66	64	77 392	1 038,522	9 468,446	9,117	8,648
67	65	75 572	949,978	8 429,925	8,874	8,405
68	66	73 621	866,930	7 479,946	8,628	8,159
69	67	71 613	789,962	6 613,016	8,371	7,902
70	68	69 455	717,715	5 823,054	8,113	7,644
71	69	67 205	650,556	5 105,339	7,848	7,379
72	70	64 834	587,913	4 454,784	7,577	7,108
73	71	62 369	529,802	3 866,871	7,299	6,830
74	72	59 793	475,801	3 337,068	7,014	6,544
75	73	57 109	425,710	2 861,267	6,721	6,252
76	74	54 311	379,256	2 435,557	6,422	5,953
77	75	51 373	336,052	2 056,301	6,119	5,650
78	76	48 314	296,061	1 720,250	5,810	5,341
79	77	45 074	258,742	1 424,189	5,504	5,035
80	78	41 673	224,093	1 165,447	5,201	4,732
81	79	38 130	192,072	941,353	4,901	4,432
82	80	34 421	162,426	749,282	4,613	4,144
83	81	30 624	135,372	586,856	4,335	3,866
84	82	26 792	110,944	451,484	4,069	3,600
85	83	23 018	89,289	340,540	3,814	3,345
86	84	19 350	70,314	251,251	3,573	3,104
87	85	15 883	54,066	180,937	3,347	2,877
88	86	12 707	40,521	126,871	3,131	2,662
89	87	9 869	29,482	86,350	2,929	2,460
90	88	7 430	20,791	56,868	2,735	2,266
91	89	5 396	14,144	36,077	2,551	2,082
92	90	3 740	9,184	21,933	2,388	1,919
93	91	2 472	5,687	12,749	2,242	1,773
94	92	1 557	3,354	7,062	2,105	1,636
95	93	919	1,855	3,707	1,999	1,530
96	94	519	0,981	1,853	1,888	1,419
97	95	273	0,483	0,872	1,804	1,335
98	96	136	0,225	0,388	1,726	1,257
99	97	63	0,098	0,163	1,663	1,193
100	98	28	0,041	0,065	1,590	1,121

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	81 878,011	1 270 208,970	15,513	15,044
4	1	99 285	76 455,868	1 188 330,959	15,543	15,074
5	2	99 250	71 596,569	1 111 875,091	15,530	15,061
6	3	99 229	67 055,079	1 040 278,523	15,514	15,045
7	4	99 207	62 801,065	973 223,444	15,497	15,028
8	5	99 190	58 819,735	910 422,379	15,478	15,009
9	6	99 174	55 091,834	851 602,643	15,458	14,989
10	7	99 160	51 600,728	796 510,809	15,436	14,967
11	8	99 147	48 331,819	744 910,081	15,412	14,943
12	9	99 132	45 268,862	696 578,262	15,388	14,918
13	10	99 118	42 400,362	651 309,400	15,361	14,892
14	11	99 103	39 713,157	608 909,038	15,333	14,864
15	12	99 083	37 194,757	569 195,881	15,303	14,834
16	13	99 060	34 834,870	532 001,125	15,272	14,803
17	14	99 026	32 620,996	497 166,255	15,241	14,772
18	15	98 987	30 546,144	464 545,259	15,208	14,739
19	16	98 937	28 600,107	433 999,115	15,175	14,706
20	17	98 881	26 776,703	405 399,008	15,140	14,671
21	18	98 822	25 068,586	378 622,305	15,103	14,634
22	19	98 758	23 468,171	353 553,719	15,065	14,596
23	20	98 694	21 970,078	330 085,549	15,024	14,555
24	21	98 631	20 567,609	308 115,471	14,981	14,511
25	22	98 567	19 254,579	287 547,861	14,934	14,465
26	23	98 502	18 025,278	268 293,282	14,884	14,415
27	24	98 434	16 873,844	250 268,004	14,832	14,363
28	25	98 366	15 795,859	233 394,160	14,776	14,307
29	26	98 297	14 786,678	217 598,301	14,716	14,247
30	27	98 221	13 841,064	202 811,622	14,653	14,184
31	28	98 143	12 955,568	188 970,558	14,586	14,117
32	29	98 051	12 124,985	176 014,990	14,517	14,048
33	30	97 957	11 347,406	163 890,005	14,443	13,974
34	31	97 859	10 619,186	152 542,599	14,365	13,896
35	32	97 749	9 936,532	141 923,413	14,283	13,814
36	33	97 628	9 296,736	131 986,882	14,197	13,728
37	34	97 507	8 698,061	122 690,146	14,105	13,636
38	35	97 377	8 137,248	113 992,085	14,009	13,540
39	36	97 236	7 611,650	105 854,837	13,907	13,438
40	37	97 084	7 119,230	98 243,187	13,800	13,331
41	38	96 918	6 657,621	91 123,958	13,687	13,218
42	39	96 732	6 224,739	84 466,337	13,569	13,100
43	40	96 531	5 818,980	78 241,597	13,446	12,977
44	41	96 307	5 438,415	72 422,617	13,317	12,848
45	42	96 061	5 081,507	66 984,202	13,182	12,713
46	43	95 785	4 746,521	61 902,695	13,042	12,573
47	44	95 490	4 432,682	57 156,174	12,894	12,425
48	45	95 155	4 137,849	52 723,491	12,742	12,273
49	46	94 785	3 861,112	48 585,643	12,583	12,114
50	47	94 367	3 601,007	44 724,530	12,420	11,951
51	48	93 900	3 356,623	41 123,523	12,251	11,782
52	49	93 388	3 127,227	37 766,900	12,077	11,608
53	50	92 806	2 911,240	34 639,673	11,899	11,429
54	51	92 161	2 708,211	31 728,433	11,716	11,247
55	52	91 445	2 517,252	29 020,222	11,529	11,059
56	53	90 660	2 337,829	26 502,971	11,337	10,867
57	54	89 794	2 169,100	24 165,142	11,141	10,672
58	55	88 849	2 010,553	21 996,041	10,940	10,471
59	56	87 807	1 861,337	19 985,488	10,737	10,268
60	57	86 680	1 721,260	18 124,151	10,530	10,060
61	58	85 467	1 589,859	16 402,890	10,317	9,848
62	59	84 155	1 466,468	14 813,032	10,101	9,632
63	60	82 733	1 350,526	13 346,564	9,882	9,413
64	61	81 212	1 241,866	11 996,037	9,660	9,191
65	62	79 604	1 140,316	10 754,171	9,431	8,962
66	63	77 905	1 045,405	9 613,855	9,196	8,727
67	64	76 127	956,952	8 568,451	8,954	8,485
68	65	74 215	873,932	7 611,499	8,709	8,240
69	66	72 244	796,923	6 737,566	8,454	7,985
70	67	70 135	724,741	5 940,643	8,197	7,728
71	68	67 899	657,270	5 215,902	7,936	7,467
72	69	65 566	594,555	4 558,632	7,667	7,198
73	70	63 138	536,337	3 964,077	7,391	6,922
74	71	60 604	482,259	3 427,740	7,108	6,639
75	72	57 944	431,934	2 945,481	6,819	6,350
76	73	55 166	385,220	2 513,547	6,525	6,056
77	74	52 267	341,901	2 128,328	6,225	5,756
78	75	49 253	301,816	1 786,426	5,919	5,450
79	76	46 080	264,515	1 484,611	5,613	5,143
80	77	42 718	229,710	1 220,095	5,311	4,842
81	78	39 232	197,625	990,385	5,011	4,542
82	79	35 593	167,956	792,760	4,720	4,251
83	80	31 847	140,779	624,804	4,438	3,969
84	81	28 027	116,058	484,026	4,171	3,701
85	82	24 238	94,022	367,968	3,914	3,445
86	83	20 543	74,650	273,946	3,670	3,201
87	84	17 028	57,963	199,296	3,438	2,969
88	85	13 771	43,912	141,333	3,219	2,749
89	86	10 833	32,359	97,421	3,011	2,542
90	87	8 266	23,131	65,063	2,813	2,344
91	88	6 096	15,979	41,931	2,624	2,155
92	89	4 304	10,568	25,952	2,456	1,987
93	90	2 902	6,674	15,384	2,305	1,836
94	91	1 869	4,028	8,710	2,162	1,693
95	92	1 131	2,283	4,682	2,051	1,582
96	93	656	1,241	2,399	1,933	1,464
97	94	357	0,632	1,158	1,833	1,364
98	95	181	0,300	0,526	1,757	1,287
99	96	87	0,135	0,227	1,685	1,215
100	97	39	0,057	0,092	1,626	1,157

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	76 690,838	1 188 967,362	15,503	15,034
5	1	99 273	71 613,115	1 112 276,524	15,532	15,063
6	2	99 241	67 063,065	1 040 663,409	15,518	15,049
7	3	99 219	62 808,548	973 600,344	15,501	15,032
8	4	99 199	58 825,084	910 791,796	15,483	15,014
9	5	99 182	55 095,966	851 966,712	15,463	14,994
10	6	99 166	51 604,125	796 870,746	15,442	14,973
11	7	99 152	48 334,201	745 266,621	15,419	14,950
12	8	99 138	45 271,665	696 932,419	15,394	14,925
13	9	99 124	42 403,106	651 660,754	15,368	14,899
14	10	99 108	39 715,510	609 257,649	15,341	14,871
15	11	99 091	37 197,527	569 542,139	15,311	14,842
16	12	99 068	34 837,626	532 344,611	15,281	14,812
17	13	99 035	32 623,792	497 506,985	15,250	14,781
18	14	98 997	30 549,350	464 883,193	15,217	14,748
19	15	98 949	28 603,685	434 333,843	15,185	14,715
20	16	98 895	26 780,482	405 730,158	15,150	14,681
21	17	98 837	25 072,257	378 949,676	15,114	14,645
22	18	98 778	23 472,951	353 877,419	15,076	14,607
23	19	98 714	21 974,320	330 404,469	15,036	14,567
24	20	98 649	20 571,418	308 430,149	14,993	14,524
25	21	98 583	19 257,767	287 858,731	14,948	14,479
26	22	98 519	18 028,398	268 600,963	14,899	14,430
27	23	98 456	16 877,506	250 572,565	14,847	14,377
28	24	98 382	15 798,538	233 695,059	14,792	14,323
29	25	98 315	14 789,436	217 896,521	14,733	14,264
30	26	98 240	13 843,758	203 107,084	14,671	14,202
31	27	98 165	12 958,398	189 263,326	14,605	14,136
32	28	98 076	12 128,009	176 304,928	14,537	14,068
33	29	97 983	11 350,343	164 176,919	14,464	13,995
34	30	97 888	10 622,340	152 826,576	14,387	13,918
35	31	97 780	9 939,705	142 204,236	14,307	13,838
36	32	97 662	9 299,963	132 264,531	14,222	13,753
37	33	97 541	8 701,159	122 964,568	14,132	13,663
38	34	97 415	8 140,432	114 263,409	14,037	13,567
39	35	97 275	7 614,715	106 122,977	13,937	13,467
40	36	97 130	7 122,569	98 508,263	13,830	13,361
41	37	96 962	6 660,687	91 385,694	13,720	13,251
42	38	96 789	6 228,387	84 725,007	13,603	13,134
43	39	96 588	5 822,449	78 496,620	13,482	13,013
44	40	96 373	5 442,109	72 674,171	13,354	12,885
45	41	96 134	5 085,386	67 232,063	13,221	12,752
46	42	95 865	4 750,463	62 146,676	13,082	12,613
47	43	95 576	4 436,675	57 396,213	12,937	12,468
48	44	95 252	4 142,074	52 959,538	12,786	12,317
49	45	94 890	3 865,411	48 817,464	12,629	12,160
50	46	94 487	3 605,585	44 952,054	12,467	11,998
51	47	94 035	3 361,442	41 346,469	12,300	11,831
52	48	93 537	3 132,237	37 985,027	12,127	11,658
53	49	92 974	2 916,523	34 852,789	11,950	11,481
54	50	92 343	2 713,558	31 936,266	11,769	11,300
55	51	91 647	2 522,824	29 222,708	11,583	11,114
56	52	90 883	2 343,583	26 699,884	11,393	10,924
57	53	90 040	2 175,045	24 356,301	11,198	10,729
58	54	89 117	2 016,622	22 181,256	10,999	10,530
59	55	88 099	1 867,525	20 164,633	10,798	10,328
60	56	86 995	1 727,512	18 297,108	10,592	10,122
61	57	85 810	1 596,232	16 569,596	10,380	9,911
62	58	84 528	1 472,964	14 973,365	10,165	9,696
63	59	83 135	1 357,081	13 500,400	9,948	9,479
64	60	81 652	1 248,597	12 143,319	9,726	9,256
65	61	80 052	1 146,732	10 894,722	9,501	9,032
66	62	78 381	1 051,796	9 747,990	9,268	8,799
67	63	76 632	963,295	8 696,194	9,028	8,558
68	64	74 760	880,348	7 732,899	8,784	8,315
69	65	72 827	803,360	6 852,551	8,530	8,061
70	66	70 753	731,128	6 049,191	8,274	7,805
71	67	68 564	663,704	5 318,064	8,013	7,544
72	68	66 243	600,691	4 654,360	7,748	7,279
73	69	63 852	542,397	4 053,668	7,474	7,004
74	70	61 352	488,207	3 511,272	7,192	6,723
75	71	58 730	437,796	3 023,065	6,905	6,436
76	72	55 972	390,852	2 585,269	6,614	6,145
77	73	53 089	347,278	2 194,417	6,319	5,850
78	74	50 111	307,069	1 847,139	6,015	5,546
79	75	46 976	269,657	1 540,070	5,711	5,242
80	76	43 671	234,836	1 270,413	5,410	4,941
81	77	40 215	202,579	1 035,577	5,112	4,643
82	78	36 622	172,812	832,998	4,820	4,351
83	79	32 931	145,571	660,187	4,535	4,066
84	80	29 146	120,693	514,616	4,264	3,795
85	81	25 355	98,356	393,922	4,005	3,536
86	82	21 632	78,607	295,566	3,760	3,291
87	83	18 078	61,537	216,959	3,526	3,057
88	84	14 763	47,077	155,422	3,301	2,832
89	85	11 739	35,067	108,346	3,090	2,621
90	86	9 073	25,388	73,279	2,886	2,417
91	87	6 782	17,778	47,891	2,694	2,225
92	88	4 862	11,939	30,113	2,522	2,053
93	89	3 339	7,680	18,174	2,366	1,897
94	90	2 194	4,728	10,494	2,220	1,750
95	91	1 358	2,742	5,766	2,103	1,634
96	92	808	1,527	3,024	1,981	1,512
97	93	451	0,799	1,497	1,874	1,405
98	94	236	0,392	0,699	1,783	1,314
99	95	115	0,179	0,307	1,712	1,243
100	96	53	0,078	0,128	1,646	1,177

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$ä_{xy}$	$^{(12)}ä_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	71 833,202	1 112 863,842	15,492	15,023
6	1	99 264	67 078,564	1 041 030,640	15,520	15,050
7	2	99 231	62 816,028	973 952,076	15,505	15,036
8	3	99 210	58 832,093	911 136,048	15,487	15,018
9	4	99 191	55 100,976	852 303,955	15,468	14,999
10	5	99 174	51 607,996	797 202,978	15,447	14,978
11	6	99 158	48 337,383	745 594,983	15,425	14,956
12	7	99 143	45 273,897	697 257,599	15,401	14,932
13	8	99 130	42 405,731	651 983,702	15,375	14,906
14	9	99 115	39 718,080	609 577,972	15,348	14,878
15	10	99 096	37 199,731	569 859,891	15,319	14,850
16	11	99 076	34 840,221	532 660,160	15,289	14,820
17	12	99 043	32 626,373	497 819,939	15,258	14,789
18	13	99 006	30 551,968	465 193,565	15,226	14,757
19	14	98 959	28 606,687	434 641,597	15,194	14,725
20	15	98 908	26 783,833	406 034,910	15,160	14,691
21	16	98 851	25 075,795	379 251,077	15,124	14,655
22	17	98 793	23 476,388	354 175,282	15,086	14,617
23	18	98 734	21 978,795	330 698,894	15,046	14,577
24	19	98 668	20 575,390	308 720,098	15,004	14,535
25	20	98 601	19 261,334	288 144,708	14,960	14,491
26	21	98 536	18 031,383	268 883,374	14,912	14,443
27	22	98 473	16 880,427	250 851,991	14,861	14,391
28	23	98 404	15 801,967	233 971,564	14,806	14,337
29	24	98 332	14 791,944	218 169,597	14,749	14,280
30	25	98 259	13 846,340	203 377,652	14,688	14,219
31	26	98 184	12 960,920	189 531,313	14,623	14,154
32	27	98 097	12 130,659	176 570,392	14,556	14,087
33	28	98 007	11 353,174	164 439,733	14,484	14,015
34	29	97 913	10 625,090	153 086,559	14,408	13,939
35	30	97 809	9 942,657	142 461,469	14,328	13,859
36	31	97 693	9 302,933	132 518,812	14,245	13,776
37	32	97 575	8 704,179	123 215,880	14,156	13,687
38	33	97 450	8 143,331	114 511,700	14,062	13,593
39	34	97 313	7 617,694	106 368,369	13,963	13,494
40	35	97 169	7 125,437	98 750,675	13,859	13,390
41	36	97 008	6 663,811	91 625,238	13,750	13,281
42	37	96 834	6 231,255	84 961,427	13,635	13,166
43	38	96 645	5 825,861	78 730,172	13,514	13,045
44	39	96 430	5 445,352	72 904,312	13,388	12,919
45	40	96 200	5 088,840	67 458,959	13,256	12,787
46	41	95 938	4 754,090	62 370,119	13,119	12,650
47	42	95 655	4 440,360	57 616,029	12,976	12,506
48	43	95 338	4 145,805	53 175,670	12,826	12,357
49	44	94 987	3 869,358	49 029,865	12,671	12,202
50	45	94 592	3 609,599	45 160,507	12,511	12,042
51	46	94 154	3 365,716	41 550,908	12,345	11,876
52	47	93 672	3 136,734	38 185,193	12,174	11,704
53	48	93 123	2 921,196	35 048,459	11,998	11,529
54	49	92 511	2 718,483	32 127,263	11,818	11,349
55	50	91 828	2 527,806	29 408,780	11,634	11,165
56	51	91 084	2 348,771	26 880,975	11,445	10,976
57	52	90 262	2 180,399	24 532,204	11,251	10,782
58	53	89 362	2 022,149	22 351,805	11,053	10,584
59	54	88 365	1 873,163	20 329,656	10,853	10,384
60	55	87 284	1 733,255	18 456,493	10,648	10,179
61	56	86 121	1 602,029	16 723,238	10,439	9,970
62	57	84 867	1 478,868	15 121,209	10,225	9,756
63	58	83 503	1 363,093	13 642,341	10,008	9,539
64	59	82 048	1 254,657	12 279,248	9,787	9,318
65	60	80 486	1 152,947	11 024,590	9,562	9,093
66	61	78 822	1 057,714	9 871,643	9,333	8,864
67	62	77 100	969,184	8 813,929	9,094	8,625
68	63	75 256	886,183	7 844,745	8,852	8,383
69	64	73 362	809,257	6 958,562	8,599	8,130
70	65	71 325	737,033	6 149,305	8,343	7,874
71	66	69 168	669,553	5 412,272	8,083	7,614
72	67	66 891	606,572	4 742,719	7,819	7,350
73	68	64 511	547,994	4 136,147	7,548	7,079
74	69	62 045	493,723	3 588,153	7,268	6,798
75	70	59 455	443,196	3 094,430	6,982	6,513
76	71	56 732	396,157	2 651,234	6,692	6,223
77	72	53 865	352,355	2 255,078	6,400	5,931
78	73	50 899	311,898	1 902,723	6,100	5,631
79	74	47 794	274,351	1 590,824	5,799	5,329
80	75	44 520	239,401	1 316,474	5,499	5,030
81	76	41 113	207,099	1 077,073	5,201	4,732
82	77	37 540	177,143	869,975	4,911	4,442
83	78	33 884	149,780	692,831	4,626	4,157
84	79	30 139	124,802	543,051	4,351	3,882
85	80	26 368	102,284	418,249	4,089	3,620
86	81	22 629	82,231	315,965	3,842	3,373
87	82	19 036	64,799	233,734	3,607	3,138
88	83	15 673	49,979	168,935	3,380	2,911
89	84	12 585	37,594	118,956	3,164	2,695
90	85	9 832	27,513	81,362	2,957	2,488
91	86	7 444	19,513	53,849	2,760	2,291
92	87	5 409	13,283	34,336	2,585	2,116
93	88	3 772	8,676	21,053	2,427	1,957
94	89	2 525	5,440	12,377	2,275	1,806
95	90	1 594	3,218	6,937	2,156	1,687
96	91	970	1,834	3,720	2,028	1,559
97	92	555	0,983	1,886	1,918	1,449
98	93	299	0,495	0,902	1,821	1,352
99	94	151	0,234	0,407	1,737	1,268
100	95	71	0,103	0,173	1,672	1,202

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	67 284,715	1 041 572,608	15,480	15,011
7	1	99 254	62 830,546	974 287,893	15,507	15,037
8	2	99 222	58 839,100	911 457,348	15,491	15,022
9	3	99 202	55 107,542	852 618,248	15,472	15,003
10	4	99 183	51 612,689	797 510,706	15,452	14,983
11	5	99 166	48 341,009	745 898,017	15,430	14,961
12	6	99 150	45 276,877	697 557,009	15,406	14,937
13	7	99 135	42 407,821	652 280,131	15,381	14,912
14	8	99 121	39 720,539	609 872,310	15,354	14,885
15	9	99 103	37 202,139	570 151,771	15,326	14,857
16	10	99 082	34 842,286	532 949,632	15,296	14,827
17	11	99 050	32 628,804	498 107,346	15,266	14,797
18	12	99 014	30 554,386	465 478,543	15,234	14,765
19	13	98 968	28 609,140	434 924,157	15,202	14,733
20	14	98 918	26 786,644	406 315,017	15,169	14,699
21	15	98 863	25 078,932	379 528,373	15,133	14,664
22	16	98 807	23 479,701	354 449,441	15,096	14,627
23	17	98 748	21 982,014	330 969,740	15,056	14,587
24	18	98 688	20 579,581	308 987,726	15,014	14,545
25	19	98 621	19 265,053	288 408,145	14,971	14,501
26	20	98 554	18 034,723	269 143,092	14,924	14,454
27	21	98 489	16 883,222	251 108,370	14,873	14,404
28	22	98 421	15 804,702	234 225,147	14,820	14,351
29	23	98 353	14 795,155	218 420,445	14,763	14,294
30	24	98 275	13 848,688	203 625,291	14,704	14,234
31	25	98 202	12 963,337	189 776,602	14,639	14,170
32	26	98 116	12 133,020	176 813,265	14,573	14,104
33	27	98 028	11 355,655	164 680,245	14,502	14,033
34	28	97 937	10 627,740	153 324,591	14,427	13,958
35	29	97 834	9 945,231	142 696,850	14,348	13,879
36	30	97 722	9 305,696	132 751,620	14,266	13,797
37	31	97 606	8 706,959	123 445,924	14,178	13,709
38	32	97 484	8 146,158	114 738,965	14,085	13,616
39	33	97 348	7 620,407	106 592,807	13,988	13,519
40	34	97 207	7 128,225	98 972,400	13,885	13,415
41	35	97 047	6 666,494	91 844,175	13,777	13,308
42	36	96 879	6 234,178	85 177,681	13,663	13,194
43	37	96 689	5 828,543	78 943,503	13,544	13,075
44	38	96 487	5 448,543	73 114,960	13,419	12,950
45	39	96 257	5 091,874	67 666,416	13,289	12,820
46	40	96 003	4 757,318	62 574,543	13,153	12,684
47	41	95 728	4 443,750	57 817,225	13,011	12,542
48	42	95 417	4 149,248	53 373,475	12,863	12,394
49	43	95 073	3 872,843	49 224,227	12,710	12,241
50	44	94 688	3 613,284	45 351,384	12,551	12,082
51	45	94 259	3 369,462	41 738,100	12,387	11,918
52	46	93 791	3 140,722	38 368,637	12,217	11,747
53	47	93 257	2 925,389	35 227,915	12,042	11,573
54	48	92 659	2 722,838	32 302,526	11,864	11,394
55	49	91 995	2 532,393	29 579,688	11,681	11,211
56	50	91 264	2 353,409	27 047,295	11,493	11,024
57	51	90 462	2 185,225	24 693,886	11,300	10,831
58	52	89 581	2 027,126	22 508,661	11,104	10,635
59	53	88 607	1 878,296	20 481,535	10,904	10,435
60	54	87 548	1 738,487	18 603,238	10,701	10,232
61	55	86 408	1 607,355	16 864,751	10,492	10,023
62	56	85 175	1 484,240	15 257,396	10,280	9,810
63	57	83 838	1 368,557	13 773,157	10,064	9,595
64	58	82 412	1 260,216	12 404,600	9,843	9,374
65	59	80 877	1 158,543	11 144,384	9,619	9,150
66	60	79 249	1 063,447	9 985,841	9,390	8,921
67	61	77 534	974,637	8 922,394	9,155	8,685
68	62	75 716	891,600	7 947,756	8,914	8,445
69	63	73 848	814,621	7 056,156	8,662	8,193
70	64	71 848	742,443	6 241,535	8,407	7,938
71	65	69 727	674,960	5 499,091	8,147	7,678
72	66	67 481	611,917	4 824,131	7,884	7,415
73	67	65 142	553,359	4 212,214	7,612	7,143
74	68	62 685	498,818	3 658,855	7,335	6,866
75	69	60 127	448,203	3 160,037	7,050	6,581
76	70	57 431	401,043	2 711,834	6,762	6,293
77	71	54 596	357,138	2 310,791	6,470	6,001
78	72	51 643	316,458	1 953,653	6,173	5,704
79	73	48 545	278,665	1 637,195	5,875	5,406
80	74	45 295	243,568	1 358,530	5,578	5,109
81	75	41 912	211,124	1 114,963	5,281	4,812
82	76	38 377	181,096	903,838	4,991	4,522
83	77	34 733	153,534	722,743	4,707	4,238
84	78	31 010	128,411	569,208	4,433	3,964
85	79	27 266	105,767	440,798	4,168	3,699
86	80	23 533	85,515	335,031	3,918	3,449
87	81	19 913	67,786	249,516	3,681	3,212
88	82	16 504	52,629	181,730	3,453	2,984
89	83	13 361	39,912	129,101	3,235	2,766
90	84	10 541	29,496	89,190	3,024	2,555
91	85	8 067	21,146	59,694	2,823	2,354
92	86	5 937	14,579	38,548	2,644	2,175
93	87	4 196	9,653	23,969	2,483	2,014
94	88	2 852	6,146	14,316	2,329	1,860
95	89	1 834	3,702	8,170	2,207	1,738
96	90	1 138	2,152	4,468	2,076	1,607
97	91	667	1,181	2,316	1,961	1,492
98	92	367	0,610	1,135	1,861	1,392
99	93	191	0,296	0,525	1,772	1,303
100	94	93	0,135	0,229	1,694	1,225

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	63 023,641	974 787,987	15,467	14,998
8	1	99 245	58 852,698	911 764,346	15,492	15,023
9	2	99 214	55 114,105	852 911,647	15,475	15,006
10	3	99 194	51 618,839	797 797,543	15,456	14,986
11	4	99 175	48 345,405	746 178,704	15,434	14,965
12	5	99 157	45 280,273	697 833,300	15,411	14,942
13	6	99 142	42 410,613	652 553,026	15,387	14,917
14	7	99 126	39 722,497	610 142,413	15,360	14,891
15	8	99 109	37 204,442	570 419,916	15,332	14,863
16	9	99 088	34 844,541	533 215,474	15,303	14,834
17	10	99 056	32 630,737	498 370,933	15,273	14,804
18	11	99 021	30 556,662	465 740,196	15,242	14,773
19	12	98 976	28 611,403	435 183,534	15,210	14,741
20	13	98 927	26 788,940	406 572,131	15,177	14,708
21	14	98 874	25 081,564	379 783,191	15,142	14,673
22	15	98 819	23 482,639	354 701,627	15,105	14,636
23	16	98 762	21 985,116	331 218,988	15,066	14,596
24	17	98 703	20 582,594	309 233,872	15,024	14,555
25	18	98 641	19 268,977	288 651,277	14,980	14,511
26	19	98 573	18 038,205	269 382,301	14,934	14,465
27	20	98 507	16 886,349	251 344,096	14,884	14,415
28	21	98 437	15 807,319	234 457,747	14,832	14,363
29	22	98 370	14 797,715	218 650,428	14,776	14,307
30	23	98 297	13 851,694	203 852,713	14,717	14,248
31	24	98 219	12 965,536	190 001,019	14,654	14,185
32	25	98 135	12 135,283	177 035,483	14,588	14,119
33	26	98 048	11 357,864	164 900,200	14,519	14,049
34	27	97 959	10 630,062	153 542,336	14,444	13,975
35	28	97 859	9 947,711	142 912,274	14,366	13,897
36	29	97 747	9 308,105	132 964,562	14,285	13,816
37	30	97 635	8 709,545	123 656,457	14,198	13,729
38	31	97 515	8 148,759	114 946,913	14,106	13,637
39	32	97 381	7 623,053	106 798,153	14,010	13,541
40	33	97 241	7 130,764	99 175,101	13,908	13,439
41	34	97 085	6 669,102	92 044,337	13,802	13,332
42	35	96 918	6 236,688	85 375,234	13,689	13,220
43	36	96 735	5 831,277	79 138,547	13,571	13,102
44	37	96 531	5 451,052	73 307,269	13,448	12,979
45	38	96 313	5 094,857	67 856,217	13,319	12,849
46	39	96 060	4 760,154	62 761,360	13,185	12,716
47	40	95 793	4 446,768	58 001,206	13,043	12,574
48	41	95 490	4 152,416	53 554,438	12,897	12,428
49	42	95 152	3 876,059	49 402,022	12,745	12,276
50	43	94 774	3 616,539	45 525,963	12,588	12,119
51	44	94 355	3 372,903	41 909,424	12,425	11,956
52	45	93 895	3 144,218	38 536,521	12,256	11,787
53	46	93 376	2 929,108	35 392,303	12,083	11,614
54	47	92 792	2 726,747	32 463,195	11,905	11,436
55	48	92 142	2 536,450	29 736,448	11,724	11,255
56	49	91 429	2 357,680	27 199,998	11,537	11,068
57	50	90 640	2 189,540	24 842,318	11,346	10,877
58	51	89 780	2 031,614	22 652,778	11,150	10,681
59	52	88 825	1 882,919	20 621,164	10,952	10,483
60	53	87 788	1 743,252	18 738,245	10,749	10,280
61	54	86 669	1 612,207	16 994,993	10,541	10,072
62	55	85 458	1 489,174	15 382,786	10,330	9,861
63	56	84 142	1 373,527	13 893,612	10,115	9,646
64	57	82 742	1 265,267	12 520,085	9,895	9,426
65	58	81 235	1 163,676	11 254,818	9,672	9,203
66	59	79 634	1 068,609	10 091,142	9,443	8,974
67	60	77 954	979,920	9 022,533	9,207	8,738
68	61	76 142	896,617	8 042,613	8,970	8,501
69	62	74 300	819,602	7 145,996	8,719	8,250
70	63	72 324	747,364	6 326,394	8,465	7,996
71	64	70 238	679,915	5 579,030	8,205	7,736
72	65	68 026	616,859	4 899,115	7,942	7,473
73	66	65 716	558,235	4 282,255	7,671	7,202
74	67	63 299	503,701	3 724,020	7,393	6,924
75	68	60 747	452,829	3 220,319	7,112	6,642
76	69	58 080	405,574	2 767,490	6,824	6,355
77	70	55 270	361,542	2 361,916	6,533	6,064
78	71	52 344	320,753	2 000,374	6,236	5,767
79	72	49 255	282,739	1 679,621	5,941	5,471
80	73	46 007	247,398	1 396,881	5,646	5,177
81	74	42 641	214,799	1 149,483	5,351	4,882
82	75	39 123	184,616	934,684	5,063	4,594
83	76	35 508	156,960	750,068	4,779	4,310
84	77	31 787	131,629	593,108	4,506	4,037
85	78	28 054	108,825	461,479	4,241	3,771
86	79	24 334	88,426	352,654	3,988	3,519
87	80	20 709	70,493	264,228	3,748	3,279
88	81	17 265	55,055	193,735	3,519	3,050
89	82	14 069	42,027	138,680	3,300	2,831
90	83	11 191	31,315	96,653	3,087	2,617
91	84	8 648	22,669	65,338	2,882	2,413
92	85	6 434	15,799	42,669	2,701	2,232
93	86	4 606	10,595	26,869	2,536	2,067
94	87	3 173	6,838	16,275	2,380	1,911
95	88	2 072	4,183	9,437	2,256	1,787
96	89	1 310	2,477	5,254	2,122	1,653
97	90	782	1,386	2,778	2,004	1,535
98	91	441	0,732	1,392	1,901	1,431
99	92	235	0,365	0,660	1,809	1,339
100	93	117	0,171	0,295	1,727	1,258

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	59 033,569	912 225,800	15,453	14,984
9	1	99 237	55 126,842	853 192,232	15,477	15,008
10	2	99 206	51 624,986	798 065,390	15,459	14,990
11	3	99 187	48 351,165	746 440,404	15,438	14,969
12	4	99 166	45 284,391	698 089,239	15,416	14,947
13	5	99 149	42 413,794	652 804,848	15,391	14,922
14	6	99 132	39 725,112	610 391,054	15,365	14,896
15	7	99 114	37 206,276	570 665,941	15,338	14,869
16	8	99 094	34 846,698	533 459,665	15,309	14,840
17	9	99 062	32 632,849	498 612,967	15,279	14,810
18	10	99 027	30 558,472	465 980,119	15,249	14,780
19	11	98 983	28 613,534	435 421,646	15,217	14,748
20	12	98 934	26 791,060	406 808,112	15,184	14,715
21	13	98 882	25 083,715	380 017,052	15,150	14,681
22	14	98 829	23 485,103	354 933,337	15,113	14,644
23	15	98 774	21 987,867	331 448,234	15,074	14,605
24	16	98 717	20 585,499	309 460,367	15,033	14,564
25	17	98 655	19 271,798	288 874,868	14,990	14,520
26	18	98 593	18 041,879	269 603,070	14,943	14,474
27	19	98 526	16 889,609	251 561,191	14,894	14,425
28	20	98 455	15 810,247	234 671,582	14,843	14,374
29	21	98 386	14 800,166	218 861,335	14,788	14,319
30	22	98 314	13 854,091	204 061,170	14,729	14,260
31	23	98 240	12 968,350	190 207,078	14,667	14,198
32	24	98 151	12 137,341	177 238,729	14,603	14,134
33	25	98 066	11 359,983	165 101,388	14,534	14,064
34	26	97 978	10 632,131	153 741,405	14,460	13,991
35	27	97 880	9 949,885	143 109,274	14,383	13,914
36	28	97 772	9 310,427	133 159,389	14,302	13,833
37	29	97 661	8 711,799	123 848,963	14,216	13,747
38	30	97 544	8 151,180	115 137,163	14,125	13,656
39	31	97 413	7 625,487	106 985,984	14,030	13,561
40	32	97 275	7 133,239	99 360,497	13,929	13,460
41	33	97 119	6 671,478	92 227,258	13,824	13,355
42	34	96 956	6 239,128	85 555,780	13,713	13,244
43	35	96 774	5 833,625	79 316,652	13,596	13,127
44	36	96 576	5 453,609	73 483,027	13,474	13,005
45	37	96 358	5 097,203	68 029,418	13,346	12,877
46	38	96 117	4 762,943	62 932,214	13,213	12,744
47	39	95 850	4 449,418	58 169,271	13,073	12,604
48	40	95 555	4 155,236	53 719,853	12,928	12,459
49	41	95 224	3 879,018	49 564,617	12,778	12,308
50	42	94 852	3 619,543	45 685,599	12,622	12,153
51	43	94 440	3 375,941	42 066,056	12,461	11,991
52	44	93 991	3 147,429	38 690,115	12,293	11,823
53	45	93 480	2 932,369	35 542,686	12,121	11,652
54	46	92 910	2 730,214	32 610,317	11,944	11,475
55	47	92 275	2 540,091	29 880,104	11,763	11,294
56	48	91 576	2 361,457	27 340,012	11,578	11,108
57	49	90 805	2 193,514	24 978,555	11,387	10,918
58	50	89 957	2 035,625	22 785,042	11,193	10,724
59	51	89 022	1 887,088	20 749,416	10,995	10,526
60	52	88 004	1 747,543	18 862,329	10,794	10,325
61	53	86 906	1 616,626	17 114,786	10,587	10,118
62	54	85 716	1 493,669	15 498,161	10,376	9,907
63	55	84 422	1 378,094	14 004,492	10,162	9,693
64	56	83 043	1 269,862	12 626,398	9,943	9,474
65	57	81 561	1 168,340	11 356,535	9,720	9,251
66	58	79 987	1 073,343	10 188,195	9,492	9,023
67	59	78 332	984,676	9 114,853	9,257	8,788
68	60	76 555	901,477	8 130,177	9,019	8,550
69	61	74 718	824,213	7 228,700	8,770	8,301
70	62	72 766	751,934	6 404,486	8,517	8,048
71	63	70 704	684,422	5 652,553	8,259	7,790
72	64	68 525	621,388	4 968,131	7,995	7,526
73	65	66 247	562,744	4 346,743	7,724	7,255
74	66	63 857	508,140	3 783,999	7,447	6,978
75	67	61 342	457,262	3 275,859	7,164	6,695
76	68	58 680	409,759	2 818,598	6,879	6,410
77	69	55 894	365,627	2 408,838	6,588	6,119
78	70	52 989	324,709	2 043,211	6,292	5,823
79	71	49 923	286,577	1 718,502	5,997	5,528
80	72	46 680	251,015	1 431,925	5,705	5,235
81	73	43 312	218,177	1 180,910	5,413	4,943
82	74	39 804	187,829	962,733	5,126	4,656
83	75	36 198	160,011	774,904	4,843	4,374
84	76	32 497	134,566	614,893	4,569	4,100
85	77	28 757	111,552	480,326	4,306	3,837
86	78	25 038	90,983	368,774	4,053	3,584
87	79	21 414	72,893	277,791	3,811	3,342
88	80	17 955	57,254	204,898	3,579	3,110
89	81	14 718	43,965	147,644	3,358	2,889
90	82	11 784	32,975	103,679	3,144	2,675
91	83	9 181	24,067	70,705	2,938	2,469
92	84	6 898	16,938	46,638	2,753	2,284
93	85	4 991	11,482	29,700	2,587	2,118
94	86	3 483	7,505	18,218	2,428	1,958
95	87	2 305	4,653	10,713	2,302	1,833
96	88	1 480	2,798	6,060	2,166	1,697
97	89	900	1,595	3,262	2,046	1,576
98	90	518	0,859	1,667	1,940	1,471
99	91	282	0,438	0,808	1,845	1,376
100	92	144	0,210	0,370	1,760	1,291

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	55 296,262	853 618,046	15,437	14,968
10	1	99 229	51 636,917	798 321,784	15,460	14,991
11	2	99 199	48 356,923	746 684,867	15,441	14,972
12	3	99 178	45 289,787	698 327,944	15,419	14,950
13	4	99 158	42 417,651	653 038,157	15,395	14,926
14	5	99 140	39 728,092	610 620,506	15,370	14,901
15	6	99 120	37 208,725	570 892,415	15,343	14,874
16	7	99 099	34 848,416	533 683,689	15,314	14,845
17	8	99 069	32 634,869	498 835,273	15,285	14,816
18	9	99 033	30 560,450	466 200,404	15,255	14,786
19	10	98 989	28 615,230	435 639,954	15,224	14,755
20	11	98 942	26 793,055	407 024,724	15,191	14,722
21	12	98 890	25 085,699	380 231,669	15,157	14,688
22	13	98 838	23 487,117	355 145,970	15,121	14,652
23	14	98 785	21 990,174	331 658,853	15,082	14,613
24	15	98 729	20 588,075	309 668,679	15,041	14,572
25	16	98 669	19 274,518	289 080,604	14,998	14,529
26	17	98 608	18 044,521	269 806,086	14,952	14,483
27	18	98 546	16 893,049	251 761,565	14,903	14,434
28	19	98 474	15 813,299	234 868,516	14,853	14,383
29	20	98 405	14 802,907	219 055,217	14,798	14,329
30	21	98 330	13 856,385	204 252,310	14,741	14,272
31	22	98 257	12 970,594	190 395,925	14,679	14,210
32	23	98 173	12 139,975	177 425,330	14,615	14,146
33	24	98 082	11 361,909	165 285,355	14,547	14,078
34	25	97 996	10 634,114	153 923,446	14,474	14,005
35	26	97 899	9 951,821	143 289,332	14,398	13,929
36	27	97 793	9 312,461	133 337,511	14,318	13,849
37	28	97 685	8 713,973	124 025,051	14,233	13,764
38	29	97 569	8 153,289	115 311,078	14,143	13,674
39	30	97 442	7 627,752	107 157,789	14,048	13,579
40	31	97 306	7 135,517	99 530,037	13,949	13,479
41	32	97 153	6 673,794	92 394,520	13,844	13,375
42	33	96 991	6 241,350	85 720,726	13,734	13,265
43	34	96 812	5 835,908	79 479,376	13,619	13,150
44	35	96 615	5 455,805	73 643,468	13,498	13,029
45	36	96 403	5 099,594	68 187,663	13,371	12,902
46	37	96 161	4 765,136	63 088,069	13,240	12,770
47	38	95 907	4 452,026	58 322,932	13,100	12,631
48	39	95 612	4 157,713	53 870,907	12,957	12,488
49	40	95 289	3 881,653	49 713,194	12,807	12,338
50	41	94 925	3 622,306	45 831,541	12,653	12,183
51	42	94 519	3 378,745	42 209,235	12,493	12,023
52	43	94 076	3 150,264	38 830,491	12,326	11,857
53	44	93 575	2 935,363	35 680,227	12,155	11,686
54	45	93 013	2 733,253	32 744,864	11,980	11,511
55	46	92 392	2 543,321	30 011,611	11,800	11,331
56	47	91 707	2 364,847	27 468,290	11,615	11,146
57	48	90 950	2 197,028	25 103,443	11,426	10,957
58	49	90 120	2 039,320	22 906,415	11,232	10,763
59	50	89 198	1 890,814	20 867,096	11,036	10,567
60	51	88 198	1 751,411	18 976,282	10,835	10,366
61	52	87 120	1 620,605	17 224,871	10,629	10,160
62	53	85 951	1 497,763	15 604,266	10,418	9,949
63	54	84 677	1 382,254	14 106,504	10,205	9,736
64	55	83 319	1 274,084	12 724,250	9,987	9,518
65	56	81 857	1 172,583	11 450,166	9,765	9,296
66	57	80 307	1 077,645	10 277,583	9,537	9,068
67	58	78 679	989,038	9 199,937	9,302	8,833
68	59	76 926	905,852	8 210,899	9,064	8,595
69	60	75 123	828,681	7 305,047	8,815	8,346
70	61	73 176	756,164	6 476,366	8,565	8,096
71	62	71 136	688,606	5 720,202	8,307	7,838
72	63	68 979	625,506	5 031,596	8,044	7,575
73	64	66 733	566,875	4 406,089	7,773	7,303
74	65	64 372	512,244	3 839,214	7,495	7,026
75	66	61 882	461,291	3 326,970	7,212	6,743
76	67	59 254	413,771	2 865,679	6,926	6,457
77	68	56 471	369,401	2 451,908	6,638	6,168
78	69	53 588	328,378	2 082,508	6,342	5,873
79	70	50 539	290,111	1 754,130	6,046	5,577
80	71	47 313	254,422	1 464,019	5,754	5,285
81	72	43 945	221,367	1 209,597	5,464	4,995
82	73	40 430	190,783	988,230	5,180	4,711
83	74	36 828	162,796	797,447	4,898	4,429
84	75	33 128	137,182	634,650	4,626	4,157
85	76	29 399	114,041	497,468	4,362	3,893
86	77	25 665	93,263	383,427	4,111	3,642
87	78	22 033	75,001	290,164	3,869	3,400
88	79	18 566	59,203	215,163	3,634	3,165
89	80	15 306	45,721	155,960	3,411	2,942
90	81	12 327	34,494	110,239	3,196	2,727
91	82	9 668	25,343	75,745	2,989	2,520
92	83	7 323	17,982	50,402	2,803	2,334
93	84	5 351	12,309	32,419	2,634	2,165
94	85	3 774	8,133	20,111	2,473	2,004
95	86	2 530	5,108	11,978	2,345	1,876
96	87	1 646	3,113	6,870	2,207	1,738
97	88	1 017	1,802	3,757	2,086	1,616
98	89	596	0,989	1,956	1,978	1,508
99	90	331	0,514	0,967	1,881	1,412
100	91	173	0,252	0,453	1,794	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	51 795,612	798 714,735	15,421	14,951
11	1	99 221	48 368,099	746 919,123	15,442	14,973
12	2	99 190	45 295,180	698 551,024	15,422	14,953
13	3	99 170	42 422,705	653 255,844	15,399	14,930
14	4	99 149	39 731,705	610 833,139	15,374	14,905
15	5	99 128	37 211,516	571 101,434	15,347	14,878
16	6	99 106	34 850,710	533 889,918	15,319	14,850
17	7	99 073	32 636,478	499 039,208	15,291	14,822
18	8	99 040	30 562,342	466 402,730	15,261	14,792
19	9	98 995	28 617,082	435 840,388	15,230	14,761
20	10	98 948	26 794,643	407 223,306	15,198	14,729
21	11	98 897	25 087,568	380 428,663	15,164	14,695
22	12	98 846	23 488,975	355 341,095	15,128	14,659
23	13	98 793	21 992,060	331 852,120	15,090	14,621
24	14	98 739	20 590,235	309 860,061	15,049	14,580
25	15	98 681	19 276,930	289 269,825	15,006	14,537
26	16	98 622	18 047,067	269 992,896	14,960	14,491
27	17	98 561	16 895,523	251 945,828	14,912	14,443
28	18	98 494	15 816,520	235 050,305	14,861	14,392
29	19	98 424	14 805,765	219 233,785	14,807	14,338
30	20	98 348	13 858,951	204 428,021	14,751	14,281
31	21	98 273	12 972,742	190 569,070	14,690	14,221
32	22	98 190	12 142,076	177 596,327	14,627	14,157
33	23	98 104	11 364,375	165 454,251	14,559	14,090
34	24	98 013	10 635,917	154 089,876	14,488	14,019
35	25	97 917	9 953,677	143 453,959	14,412	13,943
36	26	97 812	9 314,273	133 500,282	14,333	13,864
37	27	97 706	8 715,876	124 186,009	14,248	13,779
38	28	97 593	8 155,323	115 470,132	14,159	13,690
39	29	97 467	7 629,726	107 314,809	14,065	13,596
40	30	97 335	7 137,636	99 685,083	13,966	13,497
41	31	97 184	6 675,925	92 547,446	13,863	13,394
42	32	97 024	6 243,517	85 871,522	13,754	13,285
43	33	96 846	5 837,986	79 628,005	13,640	13,171
44	34	96 653	5 457,940	73 790,018	13,520	13,051
45	35	96 442	5 101,647	68 332,079	13,394	12,925
46	36	96 206	4 767,372	63 230,431	13,263	12,794
47	37	95 951	4 454,076	58 463,060	13,126	12,657
48	38	95 668	4 160,149	54 008,984	12,982	12,513
49	39	95 346	3 883,966	49 848,835	12,835	12,365
50	40	94 989	3 624,766	45 964,868	12,681	12,212
51	41	94 591	3 381,324	42 340,102	12,522	12,053
52	42	94 154	3 152,880	38 958,778	12,357	11,887
53	43	93 659	2 938,007	35 805,898	12,187	11,718
54	44	93 108	2 736,044	32 867,891	12,013	11,544
55	45	92 495	2 546,152	30 131,847	11,834	11,365
56	46	91 824	2 367,854	27 585,695	11,650	11,181
57	47	91 081	2 200,182	25 217,842	11,462	10,993
58	48	90 265	2 042,587	23 017,660	11,269	10,800
59	49	89 360	1 894,245	20 975,073	11,073	10,604
60	50	88 373	1 754,869	19 080,828	10,873	10,404
61	51	87 313	1 624,192	17 325,959	10,667	10,198
62	52	86 163	1 501,449	15 701,767	10,458	9,989
63	53	84 909	1 386,042	14 200,317	10,245	9,776
64	54	83 570	1 277,930	12 814,275	10,027	9,558
65	55	82 129	1 176,482	11 536,345	9,806	9,337
66	56	80 599	1 081,559	10 359,864	9,579	9,110
67	57	78 995	993,003	9 278,304	9,344	8,875
68	58	77 267	909,865	8 285,302	9,106	8,637
69	59	75 487	832,703	7 375,437	8,857	8,388
70	60	73 573	760,263	6 542,734	8,606	8,137
71	61	71 536	692,481	5 782,471	8,350	7,881
72	62	69 401	629,330	5 089,990	8,088	7,619
73	63	67 176	570,632	4 460,660	7,817	7,348
74	64	64 845	516,004	3 890,027	7,539	7,070
75	65	62 382	465,017	3 374,023	7,256	6,787
76	66	59 776	417,417	2 909,006	6,969	6,500
77	67	57 024	373,017	2 491,589	6,680	6,210
78	68	54 141	331,767	2 118,572	6,386	5,917
79	69	51 110	293,389	1 786,805	6,090	5,621
80	70	47 897	257,560	1 493,416	5,798	5,329
81	71	44 542	224,371	1 235,857	5,508	5,039
82	72	41 021	193,572	1 011,485	5,225	4,756
83	73	37 407	165,357	817,913	4,946	4,477
84	74	33 705	139,570	652,556	4,675	4,206
85	75	29 970	116,258	512,987	4,412	3,943
86	76	26 238	95,344	396,728	4,161	3,692
87	77	22 585	76,880	301,384	3,920	3,451
88	78	19 103	60,915	224,504	3,686	3,216
89	79	15 827	47,277	163,589	3,460	2,991
90	80	12 819	35,872	116,312	3,242	2,773
91	81	10 114	26,511	80,439	3,034	2,565
92	82	7 711	18,935	53,928	2,848	2,379
93	83	5 681	13,068	34,993	2,678	2,209
94	84	4 046	8,719	21,925	2,515	2,045
95	85	2 742	5,535	13,206	2,386	1,917
96	86	1 807	3,417	7,671	2,245	1,776
97	87	1 132	2,004	4,254	2,122	1,653
98	88	673	1,117	2,250	2,014	1,545
99	89	380	0,591	1,133	1,915	1,446
100	90	203	0,296	0,541	1,827	1,357

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
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8						
9						
10						
11	0	99 526	48 516,748	747 281,775	15,403	14,933
12	1	99 213	45 305,649	698 765,027	15,423	14,954
13	2	99 182	42 427,757	653 459,379	15,402	14,933
14	3	99 161	39 736,439	611 031,621	15,377	14,908
15	4	99 137	37 214,900	571 295,183	15,351	14,882
16	5	99 113	34 853,324	534 080,283	15,324	14,855
17	6	99 080	32 638,626	499 226,959	15,296	14,826
18	7	99 044	30 563,849	466 588,332	15,266	14,797
19	8	99 002	28 618,853	436 024,484	15,236	14,766
20	9	98 954	26 796,377	407 405,630	15,204	14,735
21	10	98 903	25 089,054	380 609,253	15,170	14,701
22	11	98 853	23 490,725	355 520,199	15,134	14,665
23	12	98 801	21 993,800	332 029,474	15,097	14,627
24	13	98 748	20 592,001	310 035,675	15,056	14,587
25	14	98 692	19 278,953	289 443,674	15,013	14,544
26	15	98 634	18 049,325	270 164,721	14,968	14,499
27	16	98 575	16 897,907	252 115,396	14,920	14,451
28	17	98 509	15 818,836	235 217,489	14,869	14,400
29	18	98 444	14 808,780	219 398,653	14,815	14,346
30	19	98 367	13 861,627	204 589,872	14,759	14,290
31	20	98 292	12 975,145	190 728,245	14,700	14,230
32	21	98 206	12 144,087	177 753,101	14,637	14,168
33	22	98 121	11 366,342	165 609,014	14,570	14,101
34	23	98 034	10 638,226	154 242,672	14,499	14,030
35	24	97 934	9 955,365	143 604,446	14,425	13,956
36	25	97 830	9 316,010	133 649,081	14,346	13,877
37	26	97 725	8 717,573	124 333,071	14,262	13,793
38	27	97 615	8 157,105	115 615,498	14,174	13,704
39	28	97 491	7 631,629	107 458,393	14,081	13,612
40	29	97 360	7 139,484	99 826,764	13,982	13,513
41	30	97 213	6 677,908	92 687,280	13,880	13,411
42	31	97 055	6 245,511	86 009,372	13,771	13,302
43	32	96 880	5 840,013	79 763,862	13,658	13,189
44	33	96 687	5 459,884	73 923,848	13,539	13,070
45	34	96 480	5 103,644	68 463,965	13,415	12,946
46	35	96 245	4 769,291	63 360,321	13,285	12,816
47	36	95 996	4 456,165	58 591,030	13,148	12,679
48	37	95 712	4 162,065	54 134,865	13,007	12,538
49	38	95 402	3 886,243	49 972,801	12,859	12,390
50	39	95 046	3 626,927	46 086,558	12,707	12,238
51	40	94 655	3 383,621	42 459,632	12,549	12,079
52	41	94 226	3 155,287	39 076,011	12,384	11,915
53	42	93 737	2 940,447	35 920,724	12,216	11,747
54	43	93 192	2 738,508	32 980,277	12,043	11,574
55	44	92 589	2 548,752	30 241,769	11,865	11,396
56	45	91 926	2 370,489	27 693,017	11,682	11,213
57	46	91 197	2 202,979	25 322,527	11,495	11,026
58	47	90 394	2 045,519	23 119,548	11,303	10,833
59	48	89 503	1 897,280	21 074,029	11,107	10,638
60	49	88 533	1 758,054	19 176,749	10,908	10,439
61	50	87 485	1 627,399	17 418,695	10,703	10,234
62	51	86 353	1 504,773	15 791,296	10,494	10,025
63	52	85 118	1 389,453	14 286,523	10,282	9,813
64	53	83 799	1 281,432	12 897,070	10,065	9,595
65	54	82 377	1 180,033	11 615,637	9,843	9,374
66	55	80 867	1 085,155	10 435,604	9,617	9,148
67	56	79 282	996,609	9 350,449	9,382	8,913
68	57	77 577	913,512	8 353,840	9,145	8,676
69	58	75 822	836,391	7 440,328	8,896	8,427
70	59	73 930	763,953	6 603,936	8,644	8,175
71	60	71 924	696,234	5 839,983	8,388	7,919
72	61	69 792	632,871	5 143,749	8,128	7,659
73	62	67 586	574,121	4 510,878	7,857	7,388
74	63	65 275	519,424	3 936,757	7,579	7,110
75	64	62 840	468,431	3 417,332	7,295	6,826
76	65	60 259	420,788	2 948,902	7,008	6,539
77	66	57 526	376,304	2 528,113	6,718	6,249
78	67	54 671	335,015	2 151,809	6,423	5,954
79	68	51 638	296,417	1 816,795	6,129	5,660
80	69	48 438	260,470	1 520,378	5,837	5,368
81	70	45 091	227,139	1 259,908	5,547	5,078
82	71	41 578	196,200	1 032,769	5,264	4,795
83	72	37 954	167,774	836,570	4,986	4,517
84	73	34 235	141,765	668,796	4,718	4,249
85	74	30 492	118,282	527,031	4,456	3,987
86	75	26 748	97,198	408,749	4,205	3,736
87	76	23 089	78,596	311,552	3,964	3,495
88	77	19 582	62,441	232,956	3,731	3,262
89	78	16 284	48,644	170,514	3,505	3,036
90	79	13 256	37,094	121,870	3,285	2,816
91	80	10 518	27,570	84,777	3,075	2,606
92	81	8 067	19,808	57,206	2,888	2,419
93	82	5 982	13,761	37,398	2,718	2,249
94	83	4 296	9,257	23,637	2,554	2,084
95	84	2 940	5,934	14,381	2,423	1,954
96	85	1 958	3,702	8,447	2,281	1,812
97	86	1 242	2,200	4,744	2,157	1,687
98	87	749	1,243	2,544	2,047	1,578
99	88	430	0,668	1,301	1,948	1,479
100	89	234	0,341	0,633	1,858	1,389

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	45 444,885	699 099,746	15,383	14,914
13	1	99 205	42 437,563	653 654,861	15,403	14,934
14	2	99 172	39 741,171	611 217,298	15,380	14,911
15	3	99 149	37 219,334	571 476,127	15,354	14,885
16	4	99 122	34 856,493	534 256,793	15,327	14,858
17	5	99 087	32 641,074	499 400,300	15,300	14,831
18	6	99 051	30 565,861	466 759,225	15,271	14,801
19	7	99 006	28 620,264	436 193,364	15,241	14,772
20	8	98 960	26 798,036	407 573,100	15,209	14,740
21	9	98 909	25 090,678	380 775,064	15,176	14,707
22	10	98 859	23 492,117	355 684,386	15,141	14,671
23	11	98 808	21 995,438	332 192,269	15,103	14,634
24	12	98 756	20 593,630	310 196,832	15,063	14,594
25	13	98 700	19 280,605	289 603,202	15,020	14,551
26	14	98 644	18 051,220	270 322,596	14,975	14,506
27	15	98 587	16 900,022	252 271,377	14,927	14,458
28	16	98 523	15 821,068	235 371,355	14,877	14,408
29	17	98 458	14 810,949	219 550,287	14,824	14,354
30	18	98 387	13 864,450	204 739,338	14,767	14,298
31	19	98 311	12 977,650	190 874,887	14,708	14,239
32	20	98 224	12 146,336	177 897,238	14,646	14,177
33	21	98 137	11 368,224	165 750,902	14,580	14,111
34	22	98 051	10 640,067	154 382,678	14,510	14,040
35	23	97 955	9 957,526	143 742,611	14,436	13,966
36	24	97 847	9 317,590	133 785,085	14,358	13,889
37	25	97 744	8 719,198	124 467,495	14,275	13,806
38	26	97 634	8 158,693	115 748,297	14,187	13,718
39	27	97 512	7 633,297	107 589,604	14,095	13,626
40	28	97 385	7 141,265	99 956,307	13,997	13,528
41	29	97 238	6 679,636	92 815,042	13,895	13,426
42	30	97 084	6 247,366	86 135,406	13,787	13,318
43	31	96 911	5 841,878	79 888,040	13,675	13,206
44	32	96 721	5 461,779	74 046,163	13,557	13,088
45	33	96 514	5 105,461	68 584,384	13,434	12,964
46	34	96 282	4 771,157	63 478,922	13,305	12,836
47	35	96 034	4 457,959	58 707,765	13,169	12,700
48	36	95 757	4 164,017	54 249,806	13,028	12,559
49	37	95 446	3 888,032	50 085,789	12,882	12,413
50	38	95 102	3 629,052	46 197,757	12,730	12,261
51	39	94 711	3 385,637	42 568,705	12,573	12,104
52	40	94 290	3 157,430	39 183,068	12,410	11,941
53	41	93 809	2 942,692	36 025,638	12,242	11,773
54	42	93 270	2 740,783	33 082,946	12,071	11,601
55	43	92 673	2 551,048	30 342,163	11,894	11,425
56	44	92 020	2 372,910	27 791,116	11,712	11,243
57	45	91 298	2 205,431	25 418,206	11,525	11,056
58	46	90 509	2 048,120	23 212,774	11,334	10,865
59	47	89 631	1 900,004	21 164,655	11,139	10,670
60	48	88 675	1 760,871	19 264,651	10,940	10,471
61	49	87 644	1 630,352	17 503,780	10,736	10,267
62	50	86 524	1 507,744	15 873,428	10,528	10,059
63	51	85 306	1 392,529	14 365,684	10,316	9,847
64	52	84 006	1 284,586	12 973,154	10,099	9,630
65	53	82 603	1 183,267	11 688,568	9,878	9,409
66	54	81 111	1 088,430	10 505,301	9,652	9,183
67	55	79 545	999,922	9 416,870	9,418	8,948
68	56	77 858	916,830	8 416,948	9,180	8,711
69	57	76 126	839,744	7 500,118	8,931	8,462
70	58	74 257	767,337	6 660,374	8,680	8,211
71	59	72 273	699,613	5 893,036	8,423	7,954
72	60	70 170	636,302	5 193,423	8,162	7,693
73	61	67 967	577,351	4 557,121	7,893	7,424
74	62	65 674	522,600	3 979,770	7,615	7,146
75	63	63 257	471,536	3 457,170	7,332	6,863
76	64	60 701	423,877	2 985,634	7,044	6,575
77	65	57 991	379,343	2 561,757	6,753	6,284
78	66	55 153	337,967	2 182,414	6,457	5,988
79	67	52 143	299,319	1 844,447	6,162	5,693
80	68	48 938	263,158	1 545,128	5,871	5,402
81	69	45 600	229,705	1 281,970	5,581	5,112
82	70	42 091	198,620	1 052,265	5,298	4,829
83	71	38 469	170,051	853,646	5,020	4,551
84	72	34 736	143,837	683,595	4,753	4,283
85	73	30 972	120,142	539,757	4,493	4,024
86	74	27 214	98,890	419,616	4,243	3,774
87	75	23 538	80,124	320,726	4,003	3,534
88	76	20 018	63,835	240,602	3,769	3,300
89	77	16 693	49,863	176,768	3,545	3,076
90	78	13 639	38,166	126,904	3,325	2,856
91	79	10 876	28,509	88,738	3,113	2,644
92	80	8 389	20,599	60,229	2,924	2,455
93	81	6 258	14,395	39,630	2,753	2,284
94	82	4 523	9,747	25,235	2,589	2,120
95	83	3 121	6,300	15,488	2,458	1,989
96	84	2 099	3,969	9,188	2,315	1,846
97	85	1 346	2,384	5,219	2,189	1,720
98	86	822	1,364	2,835	2,078	1,609
99	87	478	0,743	1,470	1,978	1,509
100	88	264	0,385	0,727	1,888	1,419

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	42 567,985	653 963,831	15,363	14,894
14	1	99 195	39 750,356	611 395,846	15,381	14,912
15	2	99 160	37 223,767	571 645,490	15,357	14,888
16	3	99 134	34 860,647	534 421,723	15,330	14,861
17	4	99 096	32 644,043	499 561,077	15,303	14,834
18	5	99 058	30 568,153	466 917,034	15,275	14,805
19	6	99 013	28 622,148	436 348,881	15,245	14,776
20	7	98 965	26 799,357	407 726,732	15,214	14,745
21	8	98 916	25 092,231	380 927,375	15,181	14,712
22	9	98 865	23 493,637	355 835,144	15,146	14,677
23	10	98 814	21 996,741	332 341,507	15,109	14,640
24	11	98 763	20 595,164	310 344,766	15,069	14,600
25	12	98 708	19 282,131	289 749,602	15,027	14,558
26	13	98 653	18 052,767	270 467,471	14,982	14,513
27	14	98 597	16 901,795	252 414,704	14,934	14,465
28	15	98 535	15 823,048	235 512,909	14,884	14,415
29	16	98 472	14 813,039	219 689,861	14,831	14,362
30	17	98 402	13 866,481	204 876,822	14,775	14,306
31	18	98 331	12 980,293	191 010,341	14,715	14,246
32	19	98 243	12 148,681	178 030,048	14,654	14,185
33	20	98 155	11 370,330	165 881,367	14,589	14,120
34	21	98 067	10 641,829	154 511,038	14,519	14,050
35	22	97 972	9 959,249	143 869,209	14,446	13,977
36	23	97 868	9 319,612	133 909,960	14,369	13,899
37	24	97 760	8 720,677	124 590,347	14,287	13,818
38	25	97 652	8 160,214	115 869,670	14,199	13,730
39	26	97 531	7 634,782	107 709,456	14,108	13,639
40	27	97 406	7 142,825	100 074,674	14,011	13,541
41	28	97 262	6 681,303	92 931,849	13,909	13,440
42	29	97 109	6 248,983	86 250,546	13,802	13,333
43	30	96 939	5 843,613	80 001,564	13,690	13,221
44	31	96 752	5 463,523	74 157,951	13,573	13,104
45	32	96 547	5 107,234	68 694,428	13,450	12,981
46	33	96 317	4 772,857	63 587,194	13,323	12,854
47	34	96 072	4 459,703	58 814,337	13,188	12,719
48	35	95 796	4 165,693	54 354,634	13,048	12,579
49	36	95 490	3 889,856	50 188,940	12,903	12,433
50	37	95 145	3 630,723	46 299,085	12,752	12,283
51	38	94 767	3 387,621	42 668,362	12,595	12,126
52	39	94 346	3 159,312	39 280,740	12,433	11,964
53	40	93 872	2 944,691	36 121,428	12,267	11,798
54	41	93 341	2 742,875	33 176,738	12,096	11,626
55	42	92 750	2 553,166	30 433,863	11,920	11,451
56	43	92 103	2 375,047	27 880,697	11,739	11,270
57	44	91 392	2 207,683	25 505,649	11,553	11,084
58	45	90 610	2 050,400	23 297,966	11,363	10,894
59	46	89 745	1 902,419	21 247,566	11,169	10,700
60	47	88 802	1 763,398	19 345,147	10,970	10,501
61	48	87 784	1 632,964	17 581,749	10,767	10,298
62	49	86 681	1 510,480	15 948,784	10,559	10,090
63	50	85 475	1 395,279	14 438,304	10,348	9,879
64	51	84 191	1 287,430	13 043,025	10,131	9,662
65	52	82 806	1 186,180	11 755,595	9,910	9,441
66	53	81 334	1 091,413	10 569,415	9,684	9,215
67	54	79 785	1 002,941	9 478,002	9,450	8,981
68	55	78 117	919,878	8 475,061	9,213	8,744
69	56	76 402	842,794	7 555,183	8,964	8,495
70	57	74 555	770,413	6 712,389	8,713	8,244
71	58	72 593	702,713	5 941,976	8,456	7,987
72	59	70 510	639,390	5 239,263	8,194	7,725
73	60	68 335	580,481	4 599,873	7,924	7,455
74	61	66 043	525,541	4 019,392	7,648	7,179
75	62	63 643	474,418	3 493,852	7,364	6,895
76	63	61 104	426,687	3 019,433	7,076	6,607
77	64	58 417	382,128	2 592,746	6,785	6,316
78	65	55 598	340,697	2 210,618	6,489	6,019
79	66	52 603	301,956	1 869,922	6,193	5,724
80	67	49 417	265,734	1 567,966	5,901	5,431
81	68	46 071	232,076	1 302,232	5,611	5,142
82	69	42 566	200,864	1 070,156	5,328	4,859
83	70	38 944	172,148	869,292	5,050	4,581
84	71	35 207	145,790	697,144	4,782	4,313
85	72	31 424	121,898	551,354	4,523	4,054
86	73	27 642	100,445	429,456	4,276	3,806
87	74	23 948	81,518	329,011	4,036	3,567
88	75	20 408	65,075	247,493	3,803	3,334
89	76	17 065	50,976	182,418	3,578	3,109
90	77	13 981	39,123	131,442	3,360	2,891
91	78	11 190	29,333	92,319	3,147	2,678
92	79	8 674	21,301	62,986	2,957	2,488
93	80	6 508	14,970	41,685	2,785	2,315
94	81	4 732	10,197	26,715	2,620	2,151
95	82	3 286	6,634	16,518	2,490	2,021
96	83	2 228	4,214	9,885	2,346	1,877
97	84	1 443	2,556	5,671	2,219	1,750
98	85	891	1,478	3,115	2,107	1,638
99	86	525	0,816	1,636	2,006	1,537
100	87	294	0,428	0,820	1,915	1,446

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13						
14	0	99 500	39 872,519	611 681,075	15,341	14,872
15	1	99 183	37 232,370	571 808,556	15,358	14,889
16	2	99 146	34 864,798	534 576,186	15,333	14,864
17	3	99 108	32 647,932	499 711,388	15,306	14,837
18	4	99 067	30 570,933	467 063,455	15,278	14,809
19	5	99 020	28 624,295	436 492,522	15,249	14,780
20	6	98 972	26 801,121	407 868,227	15,218	14,749
21	7	98 920	25 093,468	381 067,106	15,186	14,717
22	8	98 871	23 495,091	355 973,637	15,151	14,682
23	9	98 821	21 998,165	332 478,546	15,114	14,645
24	10	98 769	20 596,384	310 480,381	15,075	14,605
25	11	98 715	19 283,567	289 883,997	15,033	14,564
26	12	98 660	18 054,195	270 600,430	14,988	14,519
27	13	98 606	16 903,244	252 546,234	14,941	14,472
28	14	98 545	15 824,708	235 642,990	14,891	14,422
29	15	98 484	14 814,892	219 818,282	14,838	14,369
30	16	98 416	13 868,438	205 003,389	14,782	14,313
31	17	98 345	12 982,194	191 134,952	14,723	14,254
32	18	98 263	12 151,155	178 152,758	14,661	14,192
33	19	98 174	11 372,525	166 001,603	14,597	14,128
34	20	98 085	10 643,800	154 629,078	14,528	14,058
35	21	97 988	9 960,898	143 985,278	14,455	13,986
36	22	97 885	9 321,225	134 024,380	14,378	13,909
37	23	97 781	8 722,570	124 703,154	14,297	13,827
38	24	97 669	8 161,598	115 980,585	14,211	13,741
39	25	97 550	7 636,206	107 818,987	14,119	13,650
40	26	97 425	7 144,215	100 182,781	14,023	13,554
41	27	97 284	6 682,762	93 038,565	13,922	13,453
42	28	97 133	6 250,542	86 355,803	13,816	13,347
43	29	96 965	5 845,126	80 105,261	13,705	13,235
44	30	96 781	5 465,146	74 260,136	13,588	13,119
45	31	96 578	5 108,865	68 794,990	13,466	12,997
46	32	96 350	4 774,514	63 686,126	13,339	12,870
47	33	96 106	4 461,292	58 911,612	13,205	12,736
48	34	95 833	4 167,323	54 450,320	13,066	12,597
49	35	95 529	3 891,422	50 282,997	12,921	12,452
50	36	95 190	3 632,426	46 391,575	12,772	12,302
51	37	94 811	3 389,181	42 759,149	12,616	12,147
52	38	94 401	3 161,163	39 369,968	12,454	11,985
53	39	93 928	2 946,446	36 208,804	12,289	11,820
54	40	93 404	2 744,738	33 262,359	12,119	11,649
55	41	92 821	2 555,115	30 517,621	11,944	11,475
56	42	92 179	2 377,020	27 962,505	11,764	11,295
57	43	91 474	2 209,672	25 585,486	11,579	11,110
58	44	90 702	2 052,493	23 375,814	11,389	10,920
59	45	89 845	1 904,537	21 323,320	11,196	10,727
60	46	88 915	1 765,640	19 418,783	10,998	10,529
61	47	87 910	1 635,309	17 653,143	10,795	10,326
62	48	86 820	1 512,900	16 017,834	10,588	10,118
63	49	85 630	1 397,811	14 504,934	10,377	9,908
64	50	84 358	1 289,972	13 107,123	10,161	9,692
65	51	82 990	1 188,805	11 817,151	9,940	9,471
66	52	81 534	1 094,100	10 628,345	9,714	9,245
67	53	80 004	1 005,690	9 534,246	9,480	9,011
68	54	78 353	922,655	8 528,556	9,243	8,774
69	55	76 656	845,596	7 605,901	8,995	8,526
70	56	74 826	773,211	6 760,305	8,743	8,274
71	57	72 884	705,529	5 987,094	8,486	8,017
72	58	70 823	642,223	5 281,565	8,224	7,755
73	59	68 667	583,298	4 639,342	7,954	7,485
74	60	66 401	528,389	4 056,044	7,676	7,207
75	61	64 001	477,088	3 527,655	7,394	6,925
76	62	61 477	429,295	3 050,567	7,106	6,637
77	63	58 804	384,661	2 621,272	6,815	6,345
78	64	56 007	343,198	2 236,611	6,517	6,048
79	65	53 027	304,395	1 893,413	6,220	5,751
80	66	49 853	268,076	1 589,018	5,927	5,458
81	67	46 522	234,347	1 320,942	5,637	5,168
82	68	43 006	202,937	1 086,595	5,354	4,885
83	69	39 384	174,093	883,658	5,076	4,607
84	70	35 641	147,588	709,565	4,808	4,339
85	71	31 851	123,553	561,977	4,548	4,079
86	72	28 046	101,913	438,425	4,302	3,833
87	73	24 324	82,800	336,511	4,064	3,595
88	74	20 763	66,208	253,711	3,832	3,363
89	75	17 397	51,967	187,503	3,608	3,139
90	76	14 293	39,996	135,536	3,389	2,920
91	77	11 471	30,068	95,540	3,177	2,708
92	78	8 925	21,917	65,472	2,987	2,518
93	79	6 729	15,480	43,555	2,814	2,345
94	80	4 921	10,604	28,076	2,648	2,179
95	81	3 438	6,939	17,472	2,518	2,049
96	82	2 347	4,437	10,532	2,374	1,904
97	83	1 532	2,714	6,095	2,246	1,777
98	84	955	1,585	3,382	2,133	1,664
99	85	569	0,884	1,797	2,032	1,563
100	86	323	0,470	0,912	1,940	1,471

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14						
15	0	99 488	37 346,795	572 071,891	15,318	14,849
16	1	99 168	34 872,856	534 725,096	15,334	14,864
17	2	99 120	32 651,820	499 852,240	15,309	14,839
18	3	99 079	30 574,576	467 200,420	15,281	14,812
19	4	99 029	28 626,898	436 625,844	15,252	14,783
20	5	98 979	26 803,131	407 998,946	15,222	14,753
21	6	98 927	25 095,120	381 195,815	15,190	14,721
22	7	98 876	23 496,250	356 100,694	15,156	14,687
23	8	98 827	21 999,527	332 604,445	15,119	14,650
24	9	98 775	20 597,717	310 604,918	15,080	14,610
25	10	98 721	19 284,710	290 007,201	15,038	14,569
26	11	98 668	18 055,540	270 722,491	14,994	14,525
27	12	98 614	16 904,582	252 666,951	14,947	14,478
28	13	98 554	15 826,065	235 762,369	14,897	14,428
29	14	98 495	14 816,447	219 936,304	14,844	14,375
30	15	98 428	13 870,173	205 119,857	14,789	14,319
31	16	98 359	12 984,026	191 249,684	14,730	14,260
32	17	98 277	12 152,935	178 265,658	14,669	14,199
33	18	98 194	11 374,841	166 112,723	14,604	14,134
34	19	98 104	10 645,854	154 737,882	14,535	14,066
35	20	98 006	9 962,743	144 092,028	14,463	13,994
36	21	97 901	9 322,769	134 129,285	14,387	13,918
37	22	97 798	8 724,079	124 806,516	14,306	13,837
38	23	97 690	8 163,369	116 082,436	14,220	13,751
39	24	97 566	7 637,501	107 919,067	14,130	13,661
40	25	97 443	7 145,548	100 281,566	14,034	13,565
41	26	97 302	6 684,063	93 136,018	13,934	13,465
42	27	97 155	6 251,907	86 451,955	13,828	13,359
43	28	96 989	5 846,584	80 200,048	13,717	13,248
44	29	96 806	5 466,560	74 353,465	13,602	13,132
45	30	96 607	5 110,382	68 886,904	13,480	13,011
46	31	96 381	4 776,038	63 776,522	13,353	12,884
47	32	96 140	4 462,841	59 000,484	13,220	12,751
48	33	95 867	4 168,808	54 537,643	13,082	12,613
49	34	95 566	3 892,944	50 368,836	12,938	12,469
50	35	95 228	3 633,889	46 475,891	12,790	12,320
51	36	94 855	3 390,771	42 842,003	12,635	12,166
52	37	94 445	3 162,619	39 451,232	12,474	12,005
53	38	93 983	2 948,173	36 288,613	12,309	11,840
54	39	93 460	2 746,374	33 340,440	12,140	11,671
55	40	92 884	2 556,851	30 594,067	11,966	11,496
56	41	92 250	2 378,834	28 037,216	11,786	11,317
57	42	91 550	2 211,507	25 658,381	11,602	11,133
58	43	90 784	2 054,342	23 446,874	11,413	10,944
59	44	89 937	1 906,482	21 392,532	11,221	10,752
60	45	89 014	1 767,606	19 486,051	11,024	10,555
61	46	88 022	1 637,388	17 718,445	10,821	10,352
62	47	86 945	1 515,072	16 081,057	10,614	10,145
63	48	85 767	1 400,050	14 565,985	10,404	9,935
64	49	84 511	1 292,313	13 165,934	10,188	9,719
65	50	83 153	1 191,153	11 873,621	9,968	9,499
66	51	81 714	1 096,522	10 682,468	9,742	9,273
67	52	80 201	1 008,165	9 585,947	9,508	9,039
68	53	78 568	925,184	8 577,782	9,271	8,802
69	54	76 888	848,148	7 652,598	9,023	8,554
70	55	75 074	775,782	6 804,450	8,771	8,302
71	56	73 149	708,092	6 028,668	8,514	8,045
72	57	71 107	644,797	5 320,576	8,252	7,782
73	58	68 971	585,882	4 675,779	7,981	7,512
74	59	66 724	530,954	4 089,897	7,703	7,234
75	60	64 348	479,674	3 558,944	7,420	6,950
76	61	61 823	431,711	3 079,270	7,133	6,664
77	62	59 163	387,013	2 647,559	6,841	6,372
78	63	56 378	345,472	2 260,546	6,543	6,074
79	64	53 417	306,630	1 915,074	6,246	5,776
80	65	50 255	270,241	1 608,444	5,952	5,483
81	66	46 932	236,413	1 338,203	5,660	5,191
82	67	43 427	204,923	1 101,791	5,377	4,907
83	68	39 790	175,890	896,868	5,099	4,630
84	69	36 044	149,255	720,978	4,831	4,361
85	70	32 244	125,077	571,722	4,571	4,102
86	71	28 427	103,296	446,646	4,324	3,855
87	72	24 680	84,011	343,349	4,087	3,618
88	73	21 089	67,249	259,339	3,856	3,387
89	74	17 700	52,871	192,089	3,633	3,164
90	75	14 571	40,773	139,218	3,414	2,945
91	76	11 727	30,739	98,445	3,203	2,733
92	77	9 149	22,466	67,705	3,014	2,545
93	78	6 924	15,927	45,239	2,840	2,371
94	79	5 088	10,965	29,312	2,673	2,204
95	80	3 575	7,217	18,347	2,542	2,073
96	81	2 455	4,642	11,131	2,398	1,929
97	82	1 613	2,857	6,489	2,271	1,802
98	83	1 014	1,683	3,631	2,158	1,689
99	84	610	0,948	1,949	2,056	1,587
100	85	350	0,510	1,001	1,964	1,495

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15						
16	0	99 473	34 980,030	534 968,239	15,294	14,824
17	1	99 143	32 659,367	499 988,209	15,309	14,840
18	2	99 091	30 578,217	467 328,843	15,283	14,814
19	3	99 041	28 630,309	436 750,626	15,255	14,786
20	4	98 988	26 805,569	408 120,317	15,225	14,756
21	5	98 934	25 097,003	381 314,748	15,194	14,725
22	6	98 883	23 497,797	356 217,745	15,160	14,690
23	7	98 832	22 000,611	332 719,949	15,123	14,654
24	8	98 781	20 598,992	310 719,337	15,084	14,615
25	9	98 728	19 285,958	290 120,345	15,043	14,574
26	10	98 674	18 056,610	270 834,387	14,999	14,530
27	11	98 621	16 905,841	252 777,777	14,952	14,483
28	12	98 562	15 827,317	235 871,936	14,903	14,434
29	13	98 503	14 817,717	220 044,619	14,850	14,381
30	14	98 438	13 871,628	205 226,902	14,795	14,326
31	15	98 371	12 985,651	191 355,273	14,736	14,267
32	16	98 291	12 154,650	178 369,623	14,675	14,206
33	17	98 209	11 376,507	166 214,973	14,610	14,141
34	18	98 124	10 648,023	154 838,466	14,542	14,072
35	19	98 025	9 964,667	144 190,443	14,470	14,001
36	20	97 919	9 324,495	134 225,777	14,395	13,926
37	21	97 814	8 725,524	124 901,281	14,314	13,845
38	22	97 707	8 164,782	116 175,757	14,229	13,760
39	23	97 587	7 639,159	108 010,975	14,139	13,670
40	24	97 460	7 146,759	100 371,816	14,044	13,575
41	25	97 321	6 685,309	93 225,057	13,945	13,476
42	26	97 174	6 253,124	86 539,747	13,839	13,370
43	27	97 010	5 847,861	80 286,624	13,729	13,260
44	28	96 830	5 467,924	74 438,763	13,614	13,145
45	29	96 632	5 111,705	68 970,838	13,493	13,024
46	30	96 409	4 777,457	63 859,134	13,367	12,898
47	31	96 170	4 464,266	59 081,677	13,234	12,765
48	32	95 901	4 170,255	54 617,411	13,097	12,628
49	33	95 600	3 894,331	50 447,157	12,954	12,485
50	34	95 266	3 635,310	46 552,826	12,806	12,337
51	35	94 893	3 392,136	42 917,515	12,652	12,183
52	36	94 489	3 164,102	39 525,379	12,492	12,023
53	37	94 027	2 949,530	36 361,276	12,328	11,859
54	38	93 515	2 747,983	33 411,747	12,159	11,690
55	39	92 939	2 558,375	30 663,763	11,986	11,517
56	40	92 313	2 380,450	28 105,389	11,807	11,338
57	41	91 620	2 213,195	25 724,938	11,623	11,154
58	42	90 860	2 056,048	23 511,743	11,435	10,966
59	43	90 018	1 908,199	21 455,695	11,244	10,775
60	44	89 105	1 769,411	19 547,496	11,047	10,578
61	45	88 120	1 639,211	17 778,085	10,846	10,376
62	46	87 055	1 516,998	16 138,875	10,639	10,170
63	47	85 890	1 402,060	14 621,876	10,429	9,960
64	48	84 646	1 294,384	13 219,816	10,213	9,744
65	49	83 304	1 193,314	11 925,432	9,994	9,524
66	50	81 876	1 098,687	10 732,118	9,768	9,299
67	51	80 379	1 010,397	9 633,431	9,534	9,065
68	52	78 761	927,461	8 623,034	9,297	8,828
69	53	77 098	850,473	7 695,573	9,049	8,579
70	54	75 301	778,124	6 845,101	8,797	8,328
71	55	73 392	710,446	6 066,977	8,540	8,071
72	56	71 365	647,139	5 356,531	8,277	7,808
73	57	69 247	588,231	4 709,393	8,006	7,537
74	58	67 019	533,306	4 121,162	7,728	7,258
75	59	64 661	482,002	3 587,856	7,444	6,975
76	60	62 158	434,051	3 105,854	7,156	6,686
77	61	59 496	389,190	2 671,804	6,865	6,396
78	62	56 722	347,584	2 282,613	6,567	6,098
79	63	53 771	308,662	1 935,029	6,269	5,800
80	64	50 624	272,225	1 626,367	5,974	5,505
81	65	47 311	238,322	1 354,142	5,682	5,213
82	66	43 809	206,729	1 115,820	5,398	4,928
83	67	40 180	177,612	909,091	5,118	4,649
84	68	36 416	150,796	731,479	4,851	4,382
85	69	32 608	126,490	580,684	4,591	4,122
86	70	28 777	104,571	454,194	4,343	3,874
87	71	25 015	85,151	349,623	4,106	3,637
88	72	21 398	68,233	264,472	3,876	3,407
89	73	17 978	53,703	196,240	3,654	3,185
90	74	14 824	41,483	142,537	3,436	2,967
91	75	11 955	31,337	101,054	3,225	2,756
92	76	9 353	22,967	69,717	3,036	2,566
93	77	7 097	16,326	46,750	2,863	2,394
94	78	5 236	11,282	30,424	2,697	2,228
95	79	3 697	7,462	19,142	2,565	2,096
96	80	2 553	4,827	11,679	2,419	1,950
97	81	1 687	2,989	6,852	2,292	1,823
98	82	1 068	1,772	3,863	2,180	1,711
99	83	647	1,006	2,091	2,078	1,609
100	84	375	0,546	1,085	1,986	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	32 759,738	500 212,717	15,269	14,800
18	1	99 114	30 585,284	467 452,979	15,284	14,814
19	2	99 053	28 633,719	436 867,695	15,257	14,788
20	3	99 000	26 808,763	408 233,976	15,228	14,759
21	4	98 943	25 099,285	381 425,213	15,197	14,728
22	5	98 890	23 499,559	356 325,929	15,163	14,694
23	6	98 838	22 002,060	332 826,370	15,127	14,658
24	7	98 786	20 600,008	310 824,310	15,089	14,619
25	8	98 734	19 287,152	290 224,302	15,048	14,578
26	9	98 680	18 057,779	270 937,150	15,004	14,535
27	10	98 627	16 906,843	252 879,372	14,957	14,488
28	11	98 569	15 828,496	235 972,529	14,908	14,439
29	12	98 511	14 818,890	220 144,033	14,856	14,387
30	13	98 447	13 872,818	205 325,143	14,801	14,331
31	14	98 382	12 987,013	191 452,326	14,742	14,273
32	15	98 304	12 156,170	178 465,312	14,681	14,212
33	16	98 222	11 378,112	166 309,142	14,617	14,147
34	17	98 139	10 649,582	154 931,029	14,548	14,079
35	18	98 045	9 966,696	144 281,447	14,476	14,007
36	19	97 938	9 326,296	134 314,751	14,402	13,933
37	20	97 833	8 727,140	124 988,456	14,322	13,853
38	21	97 723	8 166,134	116 261,316	14,237	13,768
39	22	97 604	7 640,481	108 095,181	14,148	13,679
40	23	97 481	7 148,311	100 454,700	14,053	13,584
41	24	97 337	6 686,443	93 306,390	13,955	13,485
42	25	97 192	6 254,290	86 619,947	13,850	13,381
43	26	97 029	5 848,999	80 365,657	13,740	13,271
44	27	96 851	5 469,119	74 516,658	13,625	13,156
45	28	96 656	5 112,980	69 047,539	13,504	13,035
46	29	96 434	4 778,693	63 934,559	13,379	12,910
47	30	96 199	4 465,591	59 155,866	13,247	12,778
48	31	95 931	4 171,586	54 690,274	13,110	12,641
49	32	95 633	3 895,683	50 518,688	12,968	12,499
50	33	95 299	3 636,605	46 623,005	12,820	12,351
51	34	94 930	3 393,464	42 986,399	12,667	12,198
52	35	94 527	3 165,376	39 592,936	12,508	12,039
53	36	94 071	2 950,914	36 427,560	12,345	11,875
54	37	93 558	2 749,248	33 476,646	12,177	11,708
55	38	92 993	2 559,874	30 727,398	12,003	11,534
56	39	92 368	2 381,869	28 167,524	11,826	11,357
57	40	91 682	2 214,699	25 785,655	11,643	11,174
58	41	90 929	2 057,618	23 570,956	11,455	10,986
59	42	90 093	1 909,784	21 513,338	11,265	10,796
60	43	89 185	1 771,005	19 603,555	11,069	10,600
61	44	88 210	1 640,884	17 832,550	10,868	10,399
62	45	87 152	1 518,687	16 191,666	10,662	10,192
63	46	85 999	1 403,843	14 672,978	10,452	9,983
64	47	84 768	1 296,242	13 269,136	10,237	9,767
65	48	83 438	1 195,226	11 972,894	10,017	9,548
66	49	82 024	1 100,681	10 777,668	9,792	9,323
67	50	80 537	1 012,392	9 676,987	9,559	9,089
68	51	78 935	929,514	8 664,595	9,322	8,853
69	52	77 288	852,566	7 735,081	9,073	8,604
70	53	75 507	780,256	6 882,515	8,821	8,352
71	54	73 614	712,590	6 102,259	8,563	8,094
72	55	71 602	649,290	5 389,669	8,301	7,832
73	56	69 499	590,367	4 740,379	8,030	7,560
74	57	67 288	535,443	4 150,011	7,751	7,281
75	58	64 947	484,137	3 614,568	7,466	6,997
76	59	62 460	436,158	3 130,431	7,177	6,708
77	60	59 819	391,300	2 694,273	6,885	6,416
78	61	57 042	349,540	2 302,974	6,589	6,119
79	62	54 099	310,549	1 953,434	6,290	5,821
80	63	50 960	274,029	1 642,884	5,995	5,526
81	64	47 658	240,072	1 368,855	5,702	5,233
82	65	44 163	208,399	1 128,784	5,416	4,947
83	66	40 534	179,177	920,385	5,137	4,668
84	67	36 772	152,272	741,208	4,868	4,399
85	68	32 945	127,795	588,936	4,608	4,139
86	69	29 102	105,752	461,141	4,361	3,891
87	70	25 323	86,201	355,389	4,123	3,654
88	71	21 688	69,159	269,188	3,892	3,423
89	72	18 241	54,488	200,029	3,671	3,202
90	73	15 058	42,135	145,541	3,454	2,985
91	74	12 163	31,882	103,406	3,243	2,774
92	75	9 535	23,414	71,524	3,055	2,586
93	76	7 256	16,691	48,110	2,882	2,413
94	77	5 367	11,565	31,420	2,717	2,248
95	78	3 804	7,678	19,855	2,586	2,117
96	79	2 640	4,992	12,177	2,439	1,970
97	80	1 755	3,108	7,185	2,311	1,842
98	81	1 117	1,854	4,077	2,199	1,730
99	82	682	1,060	2,223	2,098	1,629
100	83	398	0,580	1,163	2,006	1,536

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	30 679,281	467 660,293	15,244	14,774
19	1	99 076	28 640,336	436 981,012	15,258	14,788
20	2	99 012	26 811,956	408 340,676	15,230	14,761
21	3	98 955	25 102,275	381 528,720	15,199	14,730
22	4	98 899	23 501,696	356 426,445	15,166	14,697
23	5	98 846	22 003,710	332 924,749	15,130	14,661
24	6	98 793	20 601,364	310 921,039	15,092	14,623
25	7	98 739	19 288,103	290 319,675	15,052	14,583
26	8	98 686	18 058,897	271 031,573	15,008	14,539
27	9	98 633	16 907,937	252 972,676	14,962	14,493
28	10	98 575	15 829,434	236 064,739	14,913	14,444
29	11	98 518	14 819,994	220 235,305	14,861	14,392
30	12	98 454	13 873,915	205 415,311	14,806	14,337
31	13	98 390	12 988,127	191 541,396	14,747	14,278
32	14	98 314	12 157,446	178 553,270	14,687	14,218
33	15	98 235	11 379,536	166 395,823	14,622	14,153
34	16	98 153	10 651,085	155 016,287	14,554	14,085
35	17	98 060	9 968,156	144 365,202	14,483	14,014
36	18	97 958	9 328,195	134 397,047	14,408	13,938
37	19	97 851	8 728,825	125 068,851	14,328	13,859
38	20	97 741	8 167,647	116 340,027	14,244	13,775
39	21	97 620	7 641,746	108 172,380	14,155	13,686
40	22	97 498	7 149,548	100 530,634	14,061	13,592
41	23	97 358	6 687,894	93 381,086	13,963	13,494
42	24	97 208	6 255,351	86 693,192	13,859	13,390
43	25	97 047	5 850,090	80 437,841	13,750	13,281
44	26	96 870	5 470,183	74 587,751	13,635	13,166
45	27	96 677	5 114,097	69 117,568	13,515	13,046
46	28	96 458	4 779,885	64 003,471	13,390	12,921
47	29	96 224	4 466,747	59 223,586	13,259	12,790
48	30	95 960	4 172,826	54 756,838	13,122	12,653
49	31	95 664	3 896,927	50 584,013	12,980	12,511
50	32	95 333	3 637,868	46 687,086	12,834	12,365
51	33	94 964	3 394,672	43 049,218	12,681	12,212
52	34	94 564	3 166,615	39 654,546	12,523	12,054
53	35	94 109	2 952,102	36 487,931	12,360	11,891
54	36	93 602	2 750,538	33 535,829	12,192	11,723
55	37	93 036	2 561,053	30 785,291	12,021	11,551
56	38	92 422	2 383,265	28 224,239	11,843	11,374
57	39	91 737	2 216,019	25 840,974	11,661	11,192
58	40	90 991	2 059,015	23 624,955	11,474	11,005
59	41	90 161	1 911,242	21 565,940	11,284	10,815
60	42	89 259	1 772,475	19 654,698	11,089	10,620
61	43	88 290	1 642,362	17 882,223	10,888	10,419
62	44	87 241	1 520,238	16 239,861	10,682	10,213
63	45	86 095	1 405,406	14 719,623	10,474	10,004
64	46	84 876	1 297,890	13 314,217	10,258	9,789
65	47	83 558	1 196,942	12 016,327	10,039	9,570
66	48	82 156	1 102,444	10 819,385	9,814	9,345
67	49	80 683	1 014,229	9 716,941	9,581	9,111
68	50	79 091	931,349	8 702,712	9,344	8,875
69	51	77 459	854,453	7 771,363	9,095	8,626
70	52	75 693	782,177	6 916,909	8,843	8,374
71	53	73 816	714,543	6 134,733	8,586	8,116
72	54	71 818	651,250	5 420,190	8,323	7,854
73	55	69 730	592,330	4 768,940	8,051	7,582
74	56	67 532	537,388	4 176,610	7,772	7,303
75	57	65 207	486,078	3 639,222	7,487	7,018
76	58	62 737	438,090	3 153,144	7,197	6,728
77	59	60 109	393,199	2 715,054	6,905	6,436
78	60	57 351	351,435	2 321,855	6,607	6,138
79	61	54 404	312,297	1 970,421	6,309	5,840
80	62	51 271	275,704	1 658,124	6,014	5,545
81	63	47 974	241,663	1 382,420	5,720	5,251
82	64	44 488	209,929	1 140,757	5,434	4,965
83	65	40 861	180,624	930,828	5,153	4,684
84	66	37 096	153,614	750,204	4,884	4,415
85	67	33 267	129,046	596,590	4,623	4,154
86	68	29 403	106,843	467,544	4,376	3,907
87	69	25 609	87,175	360,701	4,138	3,669
88	70	21 956	70,012	273,526	3,907	3,438
89	71	18 488	55,228	203,514	3,685	3,216
90	72	15 278	42,751	148,287	3,469	2,999
91	73	12 354	32,384	105,535	3,259	2,790
92	74	9 701	23,821	73,152	3,071	2,602
93	75	7 397	17,015	49,331	2,899	2,430
94	76	5 487	11,823	32,316	2,733	2,264
95	77	3 899	7,871	20,493	2,604	2,135
96	78	2 716	5,136	12,622	2,458	1,988
97	79	1 815	3,214	7,486	2,329	1,860
98	80	1 162	1,928	4,272	2,216	1,747
99	81	713	1,109	2,344	2,115	1,646
100	82	419	0,611	1,236	2,023	1,554

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	28 728,356	437 172,457	15,217	14,748
20	1	99 035	26 818,152	408 444,101	15,230	14,761
21	2	98 967	25 105,265	381 625,949	15,201	14,732
22	3	98 911	23 504,496	356 520,684	15,168	14,699
23	4	98 855	22 005,711	333 016,188	15,133	14,664
24	5	98 800	20 602,909	311 010,477	15,095	14,626
25	6	98 745	19 289,373	290 407,568	15,055	14,586
26	7	98 691	18 059,787	271 118,195	15,012	14,543
27	8	98 639	16 908,984	253 058,408	14,966	14,497
28	9	98 581	15 830,458	236 149,425	14,917	14,448
29	10	98 524	14 820,872	220 318,966	14,865	14,396
30	11	98 462	13 874,949	205 498,095	14,811	14,342
31	12	98 398	12 989,154	191 623,146	14,753	14,283
32	13	98 322	12 158,488	178 633,992	14,692	14,223
33	14	98 245	11 380,730	166 475,503	14,628	14,159
34	15	98 165	10 652,418	155 094,773	14,560	14,090
35	16	98 074	9 969,562	144 442,355	14,488	14,019
36	17	97 973	9 329,561	134 472,793	14,414	13,944
37	18	97 871	8 730,603	125 143,232	14,334	13,865
38	19	97 760	8 169,224	116 412,629	14,250	13,781
39	20	97 638	7 643,161	108 243,405	14,162	13,693
40	21	97 514	7 150,732	100 600,244	14,069	13,599
41	22	97 375	6 689,052	93 449,512	13,971	13,501
42	23	97 229	6 256,708	86 760,461	13,867	13,398
43	24	97 063	5 851,082	80 503,752	13,759	13,290
44	25	96 888	5 471,203	74 652,670	13,645	13,176
45	26	96 696	5 115,092	69 181,467	13,525	13,056
46	27	96 479	4 780,930	64 066,375	13,400	12,931
47	28	96 248	4 467,862	59 285,445	13,269	12,800
48	29	95 984	4 173,906	54 817,583	13,133	12,664
49	30	95 692	3 898,084	50 643,678	12,992	12,523
50	31	95 363	3 639,029	46 745,593	12,846	12,376
51	32	94 997	3 395,851	43 106,564	12,694	12,225
52	33	94 598	3 167,743	39 710,713	12,536	12,067
53	34	94 145	2 953,257	36 542,971	12,374	11,905
54	35	93 639	2 751,646	33 589,714	12,207	11,738
55	36	93 080	2 562,254	30 838,068	12,036	11,566
56	37	92 464	2 384,362	28 275,814	11,859	11,390
57	38	91 790	2 217,317	25 891,452	11,677	11,208
58	39	91 045	2 060,243	23 674,135	11,491	11,022
59	40	90 223	1 912,540	21 613,893	11,301	10,832
60	41	89 327	1 773,829	19 701,353	11,107	10,638
61	42	88 363	1 643,726	17 927,524	10,907	10,438
62	43	87 320	1 521,607	16 283,798	10,702	10,233
63	44	86 183	1 406,841	14 762,191	10,493	10,024
64	45	84 970	1 299,335	13 355,350	10,279	9,809
65	46	83 664	1 198,464	12 056,015	10,060	9,590
66	47	82 274	1 104,027	10 857,552	9,834	9,365
67	48	80 813	1 015,854	9 753,525	9,601	9,132
68	49	79 235	933,039	8 737,671	9,365	8,896
69	50	77 612	856,141	7 804,631	9,116	8,647
70	51	75 861	783,908	6 948,491	8,864	8,395
71	52	73 997	716,302	6 164,583	8,606	8,137
72	53	72 015	653,035	5 448,281	8,343	7,874
73	54	69 940	594,118	4 795,246	8,071	7,602
74	55	67 757	539,175	4 201,128	7,792	7,323
75	56	65 444	487,843	3 661,953	7,506	7,037
76	57	62 988	439,846	3 174,110	7,216	6,747
77	58	60 375	394,941	2 734,264	6,923	6,454
78	59	57 629	353,140	2 339,324	6,624	6,155
79	60	54 699	313,989	1 986,183	6,326	5,857
80	61	51 560	277,256	1 672,194	6,031	5,562
81	62	48 268	243,140	1 394,939	5,737	5,268
82	63	44 782	211,320	1 151,798	5,450	4,981
83	64	41 161	181,950	940,478	5,169	4,700
84	65	37 396	154,854	758,528	4,898	4,429
85	66	33 560	130,183	603,674	4,637	4,168
86	67	29 690	107,889	473,490	4,389	3,920
87	68	25 874	88,075	365,601	4,151	3,682
88	69	22 204	70,803	277,526	3,920	3,451
89	70	18 716	55,909	206,723	3,698	3,228
90	71	15 485	43,331	150,815	3,481	3,011
91	72	12 534	32,857	107,483	3,271	2,802
92	73	9 853	24,196	74,626	3,084	2,615
93	74	7 526	17,311	50,431	2,913	2,444
94	75	5 593	12,053	33,119	2,748	2,279
95	76	3 986	8,046	21,067	2,618	2,149
96	77	2 784	5,265	13,021	2,473	2,004
97	78	1 867	3,307	7,756	2,345	1,876
98	79	1 201	1,993	4,449	2,232	1,763
99	80	742	1,153	2,455	2,130	1,661
100	81	439	0,639	1,303	2,039	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	26 900,572	408 620,901	15,190	14,721
21	1	98 990	25 111,067	381 720,329	15,201	14,732
22	2	98 923	23 507,295	356 609,262	15,170	14,701
23	3	98 866	22 008,333	333 101,967	15,135	14,666
24	4	98 809	20 604,783	311 093,634	15,098	14,629
25	5	98 752	19 290,819	290 488,851	15,058	14,589
26	6	98 698	18 060,976	271 198,032	15,016	14,547
27	7	98 644	16 909,817	253 137,056	14,970	14,501
28	8	98 587	15 831,439	236 227,239	14,921	14,452
29	9	98 530	14 821,831	220 395,800	14,870	14,401
30	10	98 468	13 875,771	205 573,969	14,815	14,346
31	11	98 405	12 990,122	191 698,199	14,757	14,288
32	12	98 330	12 159,450	178 708,077	14,697	14,228
33	13	98 253	11 381,706	166 548,626	14,633	14,164
34	14	98 175	10 653,536	155 166,920	14,565	14,096
35	15	98 086	9 970,810	144 513,385	14,494	14,025
36	16	97 987	9 330,878	134 542,575	14,419	13,950
37	17	97 886	8 731,881	125 211,697	14,340	13,870
38	18	97 780	8 170,887	116 479,816	14,255	13,786
39	19	97 657	7 644,637	108 308,929	14,168	13,699
40	20	97 532	7 152,056	100 664,292	14,075	13,606
41	21	97 391	6 690,159	93 512,236	13,978	13,508
42	22	97 246	6 257,791	86 822,076	13,874	13,405
43	23	97 084	5 852,352	80 564,285	13,766	13,297
44	24	96 904	5 472,131	74 711,933	13,653	13,184
45	25	96 714	5 116,046	69 239,802	13,534	13,065
46	26	96 498	4 781,860	64 123,756	13,410	12,941
47	27	96 269	4 468,838	59 341,896	13,279	12,810
48	28	96 008	4 174,947	54 873,058	13,143	12,674
49	29	95 717	3 899,093	50 698,111	13,003	12,533
50	30	95 391	3 640,110	46 799,018	12,856	12,387
51	31	95 027	3 396,935	43 158,907	12,705	12,236
52	32	94 630	3 168,842	39 761,972	12,548	12,079
53	33	94 179	2 954,309	36 593,130	12,386	11,917
54	34	93 676	2 752,722	33 638,821	12,220	11,751
55	35	93 117	2 563,286	30 886,099	12,049	11,580
56	36	92 508	2 385,481	28 322,814	11,873	11,404
57	37	91 833	2 218,338	25 937,333	11,692	11,223
58	38	91 098	2 061,450	23 718,995	11,506	11,037
59	39	90 276	1 913,680	21 657,545	11,317	10,848
60	40	89 388	1 775,033	19 743,865	11,123	10,654
61	41	88 430	1 644,981	17 968,832	10,923	10,454
62	42	87 392	1 522,871	16 323,851	10,719	10,250
63	43	86 261	1 408,108	14 800,980	10,511	10,042
64	44	85 057	1 300,661	13 392,872	10,297	9,828
65	45	83 757	1 199,798	12 092,211	10,079	9,609
66	46	82 378	1 105,430	10 892,413	9,854	9,384
67	47	80 929	1 017,312	9 786,982	9,620	9,151
68	48	79 362	934,534	8 769,670	9,384	8,915
69	49	77 753	857,694	7 835,136	9,135	8,666
70	50	76 011	785,456	6 977,441	8,883	8,414
71	51	74 161	717,888	6 191,986	8,625	8,156
72	52	72 192	654,642	5 474,098	8,362	7,893
73	53	70 132	595,746	4 819,456	8,090	7,621
74	54	67 961	540,802	4 223,710	7,810	7,341
75	55	65 662	489,465	3 682,907	7,524	7,055
76	56	63 217	441,443	3 193,442	7,234	6,765
77	57	60 617	396,524	2 751,999	6,940	6,471
78	58	57 884	354,705	2 355,475	6,641	6,172
79	59	54 964	315,513	2 000,771	6,341	5,872
80	60	51 839	278,758	1 685,257	6,046	5,576
81	61	48 539	244,508	1 406,499	5,752	5,283
82	62	45 056	212,612	1 161,991	5,465	4,996
83	63	41 434	183,156	949,379	5,183	4,714
84	64	37 671	155,991	766,222	4,912	4,443
85	65	33 831	131,235	610,231	4,650	4,181
86	66	29 952	108,840	478,996	4,401	3,932
87	67	26 127	88,937	370,156	4,162	3,693
88	68	22 433	71,533	281,219	3,931	3,462
89	69	18 928	56,540	209,686	3,709	3,239
90	70	15 676	43,866	153,146	3,491	3,022
91	71	12 705	33,303	109,280	3,281	2,812
92	72	9 997	24,550	75,977	3,095	2,626
93	73	7 644	17,583	51,427	2,925	2,456
94	74	5 691	12,262	33,844	2,760	2,291
95	75	4 063	8,203	21,581	2,631	2,162
96	76	2 846	5,382	13,379	2,486	2,017
97	77	1 914	3,390	7,997	2,359	1,890
98	78	1 236	2,051	4,606	2,246	1,777
99	79	767	1,192	2,556	2,144	1,675
100	80	456	0,664	1,364	2,052	1,583

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	25 188,240	381 883,613	15,161	14,692
22	1	98 946	23 512,728	356 695,373	15,170	14,701
23	2	98 878	22 010,954	333 182,645	15,137	14,668
24	3	98 821	20 607,238	311 171,691	15,100	14,631
25	4	98 761	19 292,574	290 564,453	15,061	14,592
26	5	98 705	18 062,330	271 271,880	15,019	14,550
27	6	98 651	16 910,930	253 209,549	14,973	14,504
28	7	98 592	15 832,219	236 298,619	14,925	14,456
29	8	98 537	14 822,749	220 466,400	14,874	14,404
30	9	98 474	13 876,669	205 643,651	14,819	14,350
31	10	98 411	12 990,892	191 766,982	14,762	14,293
32	11	98 337	12 160,356	178 776,091	14,702	14,232
33	12	98 261	11 382,606	166 615,735	14,638	14,169
34	13	98 184	10 654,449	155 233,128	14,570	14,101
35	14	98 096	9 971,856	144 578,679	14,499	14,030
36	15	97 999	9 332,045	134 606,823	14,424	13,955
37	16	97 900	8 733,114	125 274,778	14,345	13,876
38	17	97 794	8 172,084	116 541,664	14,261	13,792
39	18	97 677	7 646,194	108 369,580	14,173	13,704
40	19	97 551	7 153,437	100 723,386	14,080	13,611
41	20	97 409	6 691,399	93 569,950	13,984	13,514
42	21	97 262	6 258,827	86 878,551	13,881	13,412
43	22	97 101	5 853,365	80 619,724	13,773	13,304
44	23	96 925	5 473,319	74 766,359	13,660	13,191
45	24	96 730	5 116,914	69 293,040	13,542	13,073
46	25	96 516	4 782,752	64 176,126	13,418	12,949
47	26	96 287	4 469,707	59 393,374	13,288	12,819
48	27	96 029	4 175,859	54 923,667	13,153	12,684
49	28	95 741	3 900,066	50 747,808	13,012	12,543
50	29	95 416	3 641,052	46 847,742	12,867	12,397
51	30	95 056	3 397,944	43 206,689	12,716	12,246
52	31	94 661	3 169,854	39 808,745	12,559	12,089
53	32	94 212	2 955,334	36 638,891	12,398	11,928
54	33	93 709	2 753,703	33 683,557	12,232	11,763
55	34	93 154	2 564,289	30 929,854	12,062	11,593
56	35	92 545	2 386,441	28 365,566	11,886	11,417
57	36	91 876	2 219,379	25 979,125	11,706	11,236
58	37	91 140	2 062,399	23 759,746	11,520	11,051
59	38	90 329	1 914,801	21 697,347	11,331	10,862
60	39	89 441	1 776,091	19 782,546	11,138	10,669
61	40	88 491	1 646,098	18 006,455	10,939	10,470
62	41	87 459	1 524,034	16 360,356	10,735	10,266
63	42	86 332	1 409,277	14 836,323	10,528	10,058
64	43	85 133	1 301,833	13 427,045	10,314	9,845
65	44	83 842	1 201,023	12 125,212	10,096	9,627
66	45	82 470	1 106,661	10 924,189	9,871	9,402
67	46	81 032	1 018,606	9 817,528	9,638	9,169
68	47	79 476	935,876	8 798,923	9,402	8,933
69	48	77 877	859,068	7 863,047	9,153	8,684
70	49	76 148	786,881	7 003,978	8,901	8,432
71	50	74 308	719,305	6 217,097	8,643	8,174
72	51	72 352	656,091	5 497,792	8,380	7,910
73	52	70 305	597,212	4 841,700	8,107	7,638
74	53	68 148	542,284	4 244,488	7,827	7,358
75	54	65 860	490,942	3 702,204	7,541	7,072
76	55	63 427	442,911	3 211,261	7,250	6,781
77	56	60 837	397,964	2 768,350	6,956	6,487
78	57	58 116	356,127	2 370,386	6,656	6,187
79	58	55 208	316,911	2 014,260	6,356	5,887
80	59	52 091	280,111	1 697,349	6,060	5,590
81	60	48 802	245,834	1 417,238	5,765	5,296
82	61	45 310	213,808	1 171,404	5,479	5,010
83	62	41 687	184,276	957,596	5,197	4,727
84	63	37 920	157,025	773,320	4,925	4,456
85	64	34 080	132,198	616,295	4,662	4,193
86	65	30 194	109,719	484,096	4,412	3,943
87	66	26 357	89,721	374,377	4,173	3,704
88	67	22 652	72,234	284,657	3,941	3,472
89	68	19 123	57,124	212,423	3,719	3,250
90	69	15 853	44,361	155,299	3,501	3,032
91	70	12 861	33,714	110,938	3,291	2,821
92	71	10 133	24,883	77,224	3,104	2,634
93	72	7 756	17,841	52,341	2,934	2,465
94	73	5 780	12,455	34,501	2,770	2,301
95	74	4 134	8,345	22,045	2,642	2,173
96	75	2 902	5,487	13,700	2,497	2,028
97	76	1 957	3,466	8,213	2,370	1,901
98	77	1 267	2,102	4,747	2,258	1,789
99	78	789	1,227	2,645	2,157	1,687
100	79	472	0,687	1,419	2,065	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	23 584,989	356 846,185	15,130	14,661
23	1	98 901	22 016,041	333 261,196	15,137	14,668
24	2	98 833	20 609,692	311 245,155	15,102	14,633
25	3	98 773	19 294,872	290 635,463	15,063	14,594
26	4	98 714	18 063,973	271 340,591	15,021	14,552
27	5	98 658	16 912,199	253 276,618	14,976	14,507
28	6	98 599	15 833,261	236 364,419	14,928	14,459
29	7	98 541	14 823,479	220 531,158	14,877	14,408
30	8	98 480	13 877,528	205 707,679	14,823	14,354
31	9	98 417	12 991,732	191 830,151	14,766	14,296
32	10	98 343	12 161,077	178 838,418	14,706	14,237
33	11	98 268	11 383,454	166 677,342	14,642	14,173
34	12	98 191	10 655,292	155 293,887	14,574	14,105
35	13	98 105	9 972,711	144 638,596	14,503	14,034
36	14	98 009	9 333,025	134 665,884	14,429	13,960
37	15	97 912	8 734,206	125 332,860	14,350	13,881
38	16	97 808	8 173,237	116 598,654	14,266	13,797
39	17	97 691	7 647,314	108 425,416	14,178	13,709
40	18	97 571	7 154,894	100 778,103	14,085	13,616
41	19	97 428	6 692,690	93 623,209	13,989	13,520
42	20	97 280	6 259,987	86 930,518	13,887	13,418
43	21	97 117	5 854,334	80 670,532	13,780	13,310
44	22	96 942	5 474,266	74 816,198	13,667	13,198
45	23	96 751	5 118,024	69 341,932	13,549	13,079
46	24	96 533	4 783,563	64 223,907	13,426	12,957
47	25	96 305	4 470,541	59 440,344	13,296	12,827
48	26	96 048	4 176,672	54 969,803	13,161	12,692
49	27	95 762	3 900,918	50 793,132	13,021	12,552
50	28	95 440	3 641,961	46 892,214	12,876	12,406
51	29	95 080	3 398,823	43 250,253	12,725	12,256
52	30	94 689	3 170,796	39 851,429	12,568	12,099
53	31	94 242	2 956,278	36 680,634	12,408	11,939
54	32	93 742	2 754,659	33 724,356	12,243	11,774
55	33	93 187	2 565,202	30 969,697	12,073	11,604
56	34	92 581	2 387,375	28 404,495	11,898	11,429
57	35	91 913	2 220,272	26 017,120	11,718	11,249
58	36	91 183	2 063,366	23 796,848	11,533	11,064
59	37	90 371	1 915,683	21 733,482	11,345	10,876
60	38	89 494	1 777,132	19 817,799	11,152	10,682
61	39	88 543	1 647,080	18 040,667	10,953	10,484
62	40	87 518	1 525,069	16 393,587	10,749	10,280
63	41	86 398	1 410,353	14 868,519	10,542	10,073
64	42	85 204	1 302,914	13 458,165	10,329	9,860
65	43	83 918	1 202,105	12 155,251	10,112	9,643
66	44	82 554	1 107,791	10 953,147	9,887	9,418
67	45	81 122	1 019,739	9 845,355	9,655	9,186
68	46	79 577	937,066	8 825,616	9,418	8,949
69	47	77 989	860,302	7 888,550	9,170	8,700
70	48	76 270	788,142	7 028,249	8,917	8,448
71	49	74 442	720,611	6 240,107	8,659	8,190
72	50	72 495	657,387	5 519,496	8,396	7,927
73	51	70 460	598,534	4 862,109	8,123	7,654
74	52	68 315	543,619	4 263,575	7,843	7,374
75	53	66 041	492,288	3 719,956	7,556	7,087
76	54	63 619	444,248	3 227,668	7,265	6,796
77	55	61 040	399,287	2 783,420	6,971	6,502
78	56	58 328	357,420	2 384,133	6,670	6,201
79	57	55 429	318,181	2 026,713	6,370	5,901
80	58	52 322	281,352	1 708,532	6,073	5,603
81	59	49 039	247,027	1 427,179	5,777	5,308
82	60	45 555	214,967	1 180,153	5,490	5,021
83	61	41 922	185,313	965,185	5,208	4,739
84	62	38 152	157,985	779,872	4,936	4,467
85	63	34 306	133,074	621,887	4,673	4,204
86	64	30 416	110,525	488,813	4,423	3,954
87	65	26 570	90,445	378,288	4,183	3,713
88	66	22 852	72,870	287,843	3,950	3,481
89	67	19 310	57,683	214,973	3,727	3,258
90	68	16 017	44,819	157,290	3,509	3,040
91	69	13 007	34,095	112,471	3,299	2,830
92	70	10 258	25,190	78,376	3,111	2,642
93	71	7 861	18,083	53,186	2,941	2,472
94	72	5 865	12,637	35,104	2,778	2,309
95	73	4 199	8,477	22,466	2,650	2,181
96	74	2 952	5,582	13,990	2,506	2,037
97	75	1 995	3,533	8,407	2,380	1,910
98	76	1 295	2,149	4,874	2,268	1,799
99	77	809	1,257	2,725	2,167	1,698
100	78	485	0,707	1,468	2,076	1,607

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	22 083,702	333 400,499	15,097	14,628
24	1	98 856	20 614,455	311 316,797	15,102	14,633
25	2	98 785	19 297,170	290 702,342	15,065	14,595
26	3	98 726	18 066,125	271 405,172	15,023	14,554
27	4	98 667	16 913,737	253 339,046	14,978	14,509
28	5	98 606	15 834,449	236 425,310	14,931	14,462
29	6	98 548	14 824,455	220 590,861	14,880	14,411
30	7	98 485	13 878,212	205 766,406	14,827	14,357
31	8	98 423	12 992,537	191 888,194	14,769	14,300
32	9	98 350	12 161,864	178 895,657	14,710	14,240
33	10	98 274	11 384,129	166 733,793	14,646	14,177
34	11	98 199	10 656,086	155 349,664	14,578	14,109
35	12	98 112	9 973,500	144 693,579	14,508	14,039
36	13	98 017	9 333,825	134 720,079	14,434	13,964
37	14	97 922	8 735,123	125 386,254	14,354	13,885
38	15	97 820	8 174,260	116 651,131	14,271	13,801
39	16	97 705	7 648,393	108 476,871	14,183	13,714
40	17	97 585	7 155,942	100 828,478	14,090	13,621
41	18	97 448	6 694,054	93 672,537	13,993	13,524
42	19	97 299	6 261,195	86 978,483	13,892	13,423
43	20	97 135	5 855,418	80 717,288	13,785	13,316
44	21	96 958	5 475,173	74 861,870	13,673	13,204
45	22	96 768	5 118,910	69 386,697	13,555	13,086
46	23	96 554	4 784,601	64 267,787	13,432	12,963
47	24	96 322	4 471,299	59 483,186	13,303	12,834
48	25	96 066	4 177,451	55 011,886	13,169	12,700
49	26	95 781	3 901,677	50 834,436	13,029	12,560
50	27	95 461	3 642,756	46 932,759	12,884	12,415
51	28	95 104	3 399,671	43 290,002	12,734	12,264
52	29	94 713	3 171,617	39 890,331	12,577	12,108
53	30	94 270	2 957,156	36 718,714	12,417	11,948
54	31	93 772	2 755,538	33 761,558	12,252	11,783
55	32	93 219	2 566,092	31 006,020	12,083	11,614
56	33	92 614	2 388,225	28 439,928	11,908	11,439
57	34	91 949	2 221,141	26 051,703	11,729	11,260
58	35	91 220	2 064,197	23 830,562	11,545	11,076
59	36	90 413	1 916,581	21 766,365	11,357	10,888
60	37	89 535	1 777,950	19 849,783	11,164	10,695
61	38	88 595	1 648,045	18 071,833	10,966	10,496
62	39	87 570	1 525,978	16 423,788	10,763	10,294
63	40	86 457	1 411,311	14 897,810	10,556	10,087
64	41	85 269	1 303,909	13 486,499	10,343	9,874
65	42	83 988	1 203,103	12 182,591	10,126	9,657
66	43	82 628	1 108,789	10 979,487	9,902	9,433
67	44	81 205	1 020,781	9 870,699	9,670	9,201
68	45	79 665	938,109	8 849,918	9,434	8,965
69	46	78 088	861,395	7 911,809	9,185	8,716
70	47	76 380	789,273	7 050,414	8,933	8,464
71	48	74 562	721,765	6 261,140	8,675	8,206
72	49	72 627	658,580	5 539,375	8,411	7,942
73	50	70 599	599,716	4 880,795	8,139	7,669
74	51	68 467	544,823	4 281,079	7,858	7,389
75	52	66 203	493,500	3 736,256	7,571	7,102
76	53	63 793	445,465	3 242,757	7,279	6,810
77	54	61 224	400,492	2 797,291	6,985	6,516
78	55	58 521	358,608	2 396,799	6,684	6,214
79	56	55 630	319,337	2 038,191	6,383	5,913
80	57	52 531	282,480	1 718,854	6,085	5,616
81	58	49 256	248,121	1 436,374	5,789	5,320
82	59	45 776	216,010	1 188,253	5,501	5,032
83	60	42 149	186,317	972,242	5,218	4,749
84	61	38 367	158,874	785,925	4,947	4,478
85	62	34 515	133,888	627,051	4,683	4,214
86	63	30 617	111,257	493,163	4,433	3,964
87	64	26 765	91,109	381,906	4,192	3,723
88	65	23 037	73,459	290,796	3,959	3,490
89	66	19 481	58,191	217,338	3,735	3,266
90	67	16 174	45,258	159,146	3,516	3,047
91	68	13 141	34,447	113,888	3,306	2,837
92	69	10 374	25,474	79,442	3,119	2,649
93	70	7 958	18,306	53,968	2,948	2,479
94	71	5 944	12,809	35,662	2,784	2,315
95	72	4 261	8,601	22,853	2,657	2,188
96	73	2 999	5,670	14,252	2,514	2,044
97	74	2 029	3,595	8,582	2,388	1,918
98	75	1 320	2,191	4,988	2,276	1,807
99	76	827	1,285	2,797	2,176	1,707
100	77	498	0,725	1,511	2,086	1,617

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	20 677,809	311 445,478	15,062	14,593
25	1	98 808	19 301,630	290 767,669	15,064	14,595
26	2	98 737	18 068,277	271 466,039	15,024	14,555
27	3	98 679	16 915,752	253 397,762	14,980	14,511
28	4	98 615	15 835,889	236 482,010	14,933	14,464
29	5	98 555	14 825,567	220 646,122	14,883	14,414
30	6	98 491	13 879,126	205 820,555	14,830	14,360
31	7	98 428	12 993,177	191 941,429	14,772	14,303
32	8	98 356	12 162,617	178 948,252	14,713	14,244
33	9	98 281	11 384,866	166 785,635	14,650	14,181
34	10	98 205	10 656,717	155 400,770	14,582	14,113
35	11	98 120	9 974,243	144 744,053	14,512	14,043
36	12	98 025	9 334,563	134 769,809	14,438	13,969
37	13	97 930	8 735,872	125 435,246	14,359	13,890
38	14	97 830	8 175,118	116 699,375	14,275	13,806
39	15	97 717	7 649,350	108 524,257	14,187	13,718
40	16	97 599	7 156,951	100 874,907	14,095	13,626
41	17	97 462	6 695,034	93 717,956	13,998	13,529
42	18	97 319	6 262,470	87 022,922	13,896	13,427
43	19	97 154	5 856,549	80 760,451	13,790	13,321
44	20	96 976	5 476,187	74 903,903	13,678	13,209
45	21	96 784	5 119,758	69 427,716	13,561	13,092
46	22	96 570	4 785,429	64 307,958	13,438	12,969
47	23	96 343	4 472,270	59 522,529	13,309	12,840
48	24	96 082	4 178,159	55 050,259	13,176	12,707
49	25	95 798	3 902,405	50 872,100	13,036	12,567
50	26	95 479	3 643,465	46 969,695	12,891	12,422
51	27	95 125	3 400,414	43 326,230	12,741	12,272
52	28	94 737	3 172,408	39 925,816	12,585	12,116
53	29	94 294	2 957,921	36 753,408	12,425	11,956
54	30	93 800	2 756,357	33 795,487	12,261	11,792
55	31	93 249	2 566,912	31 039,130	12,092	11,623
56	32	92 646	2 389,054	28 472,218	11,918	11,449
57	33	91 981	2 221,932	26 083,164	11,739	11,270
58	34	91 255	2 065,005	23 861,232	11,555	11,086
59	35	90 450	1 917,353	21 796,227	11,368	10,899
60	36	89 577	1 778,784	19 878,874	11,176	10,706
61	37	88 636	1 648,804	18 100,090	10,978	10,509
62	38	87 622	1 526,872	16 451,286	10,775	10,305
63	39	86 508	1 412,152	14 924,414	10,569	10,099
64	40	85 327	1 304,794	13 512,262	10,356	9,887
65	41	84 052	1 204,022	12 207,468	10,139	9,670
66	42	82 697	1 109,710	11 003,446	9,916	9,446
67	43	81 278	1 021,700	9 893,736	9,684	9,214
68	44	79 747	939,067	8 872,036	9,448	8,979
69	45	78 175	862,354	7 932,969	9,199	8,730
70	46	76 477	790,277	7 070,615	8,947	8,478
71	47	74 669	722,801	6 280,338	8,689	8,220
72	48	72 743	659,635	5 557,537	8,425	7,956
73	49	70 728	600,805	4 897,902	8,152	7,683
74	50	68 602	545,898	4 297,097	7,872	7,402
75	51	66 350	494,592	3 751,199	7,584	7,115
76	52	63 950	446,562	3 256,607	7,293	6,823
77	53	61 392	401,590	2 810,045	6,997	6,528
78	54	58 698	359,691	2 408,455	6,696	6,227
79	55	55 815	320,398	2 048,764	6,394	5,925
80	56	52 722	283,506	1 728,366	6,096	5,627
81	57	49 454	249,116	1 444,860	5,800	5,331
82	58	45 979	216,967	1 195,744	5,511	5,042
83	59	42 354	187,222	978,777	5,228	4,759
84	60	38 575	159,735	791,555	4,955	4,486
85	61	34 710	134,641	631,820	4,693	4,223
86	62	30 804	111,937	497,179	4,442	3,972
87	63	26 943	91,713	385,241	4,200	3,731
88	64	23 206	73,998	293,528	3,967	3,498
89	65	19 638	58,661	219,530	3,742	3,273
90	66	16 316	45,657	160,869	3,523	3,054
91	67	13 269	34,784	115,212	3,312	2,843
92	68	10 481	25,737	80,428	3,125	2,656
93	69	8 048	18,513	54,691	2,954	2,485
94	70	6 018	12,967	36,178	2,790	2,321
95	71	4 318	8,717	23,212	2,663	2,194
96	72	3 042	5,753	14,494	2,519	2,050
97	73	2 061	3,651	8,741	2,394	1,925
98	74	1 343	2,229	5,090	2,284	1,814
99	75	843	1,310	2,861	2,184	1,714
100	76	509	0,741	1,551	2,093	1,624

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 6,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	19 360,949	290 886,547	15,024	14,555
26	1	98 760	18 072,453	271 525,598	15,024	14,555
27	2	98 691	16 917,767	253 453,145	14,981	14,512
28	3	98 627	15 837,776	236 535,379	14,935	14,466
29	4	98 564	14 826,915	220 697,603	14,885	14,416
30	5	98 499	13 880,167	205 870,688	14,832	14,363
31	6	98 435	12 994,033	191 990,522	14,775	14,306
32	7	98 360	12 163,216	178 996,489	14,716	14,247
33	8	98 287	11 385,570	166 833,273	14,653	14,184
34	9	98 211	10 657,407	155 447,702	14,586	14,117
35	10	98 125	9 974,834	144 790,296	14,516	14,046
36	11	98 033	9 335,259	134 815,461	14,442	13,972
37	12	97 938	8 736,563	125 480,203	14,363	13,894
38	13	97 839	8 175,819	116 743,640	14,279	13,810
39	14	97 728	7 650,153	108 567,822	14,192	13,722
40	15	97 611	7 157,847	100 917,669	14,099	13,630
41	16	97 476	6 695,979	93 759,822	14,002	13,533
42	17	97 333	6 263,387	87 063,843	13,900	13,431
43	18	97 174	5 857,742	80 800,456	13,794	13,325
44	19	96 995	5 477,244	74 942,714	13,683	13,213
45	20	96 802	5 120,706	69 465,470	13,566	13,096
46	21	96 586	4 786,222	64 344,764	13,444	12,975
47	22	96 359	4 473,044	59 558,543	13,315	12,846
48	23	96 103	4 179,066	55 085,499	13,181	12,712
49	24	95 815	3 903,067	50 906,433	13,043	12,574
50	25	95 497	3 644,145	47 003,366	12,898	12,429
51	26	95 143	3 401,076	43 359,222	12,749	12,280
52	27	94 758	3 173,101	39 958,146	12,593	12,124
53	28	94 318	2 958,659	36 785,045	12,433	11,964
54	29	93 824	2 757,070	33 826,386	12,269	11,800
55	30	93 277	2 567,674	31 069,316	12,100	11,631
56	31	92 676	2 389,817	28 501,641	11,926	11,457
57	32	92 013	2 222,704	26 111,824	11,748	11,279
58	33	91 288	2 065,740	23 889,121	11,564	11,095
59	34	90 485	1 918,103	21 823,380	11,378	10,908
60	35	89 613	1 779,500	19 905,277	11,186	10,717
61	36	88 678	1 649,577	18 125,777	10,988	10,519
62	37	87 662	1 527,575	16 476,200	10,786	10,317
63	38	86 559	1 412,980	14 948,625	10,580	10,110
64	39	85 378	1 305,572	13 535,645	10,368	9,898
65	40	84 109	1 204,839	12 230,073	10,151	9,682
66	41	82 760	1 110,557	11 025,233	9,928	9,459
67	42	81 345	1 022,549	9 914,676	9,696	9,227
68	43	79 819	939,913	8 892,128	9,461	8,991
69	44	78 255	863,235	7 952,215	9,212	8,743
70	45	76 562	791,157	7 088,980	8,960	8,491
71	46	74 764	723,720	6 297,824	8,702	8,233
72	47	72 847	660,582	5 574,104	8,438	7,969
73	48	70 841	601,767	4 913,521	8,165	7,696
74	49	68 726	546,889	4 311,754	7,884	7,415
75	50	66 481	495,569	3 764,865	7,597	7,128
76	51	64 092	447,550	3 269,297	7,305	6,836
77	52	61 543	402,578	2 821,746	7,009	6,540
78	53	58 859	360,677	2 419,168	6,707	6,238
79	54	55 984	321,366	2 058,491	6,405	5,936
80	55	52 897	284,449	1 737,126	6,107	5,638
81	56	49 633	250,020	1 452,677	5,810	5,341
82	57	46 163	217,837	1 202,657	5,521	5,052
83	58	42 541	188,051	984,820	5,237	4,768
84	59	38 762	160,510	796,769	4,964	4,495
85	60	34 898	135,371	636,258	4,700	4,231
86	61	30 978	112,567	500,887	4,450	3,981
87	62	27 107	92,274	388,320	4,208	3,739
88	63	23 359	74,488	296,046	3,974	3,505
89	64	19 782	59,092	221,558	3,749	3,280
90	65	16 448	46,026	162,466	3,530	3,061
91	66	13 386	35,090	116,440	3,318	2,849
92	67	10 584	25,989	81,350	3,130	2,661
93	68	8 131	18,704	55,361	2,960	2,491
94	69	6 085	13,113	36,657	2,795	2,326
95	70	4 372	8,825	23,544	2,668	2,199
96	71	3 084	5,831	14,719	2,524	2,055
97	72	2 091	3,705	8,888	2,399	1,930
98	73	1 364	2,264	5,183	2,289	1,820
99	74	858	1,333	2,919	2,190	1,721
100	75	519	0,755	1,586	2,100	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 499 339,785	14,993	14,524
1	1	99 340	92 841,160	1 399 339,785	15,072	14,603
2	2	99 290	86 723,761	1 306 498,624	15,065	14,596
3	3	99 263	81 027,953	1 219 774,863	15,054	14,584
4	4	99 238	75 708,288	1 138 746,911	15,041	14,572
5	5	99 218	70 740,770	1 063 038,622	15,027	14,558
6	6	99 201	66 101,681	992 297,852	15,012	14,542
7	7	99 184	61 766,800	926 196,171	14,995	14,526
8	8	99 171	57 718,275	864 429,371	14,977	14,507
9	9	99 157	53 934,580	806 711,096	14,957	14,488
10	10	99 142	50 398,834	752 776,517	14,936	14,467
11	11	99 129	47 095,301	702 377,682	14,914	14,444
12	12	99 112	44 007,091	655 282,381	14,890	14,421
13	13	99 097	41 121,647	611 275,290	14,865	14,396
14	14	99 079	38 424,476	570 153,643	14,838	14,369
15	15	99 056	35 902,620	531 729,167	14,810	14,341
16	16	99 029	33 544,611	495 826,547	14,781	14,312
17	17	98 990	31 337,606	462 281,936	14,752	14,282
18	18	98 946	29 274,608	430 944,330	14,721	14,251
19	19	98 888	27 343,389	401 669,722	14,690	14,220
20	20	98 828	25 538,968	374 326,333	14,657	14,188
21	21	98 765	23 853,019	348 787,365	14,622	14,153
22	22	98 704	22 278,882	324 934,346	14,585	14,115
23	23	98 643	20 808,393	302 655,464	14,545	14,075
24	24	98 576	19 433,948	281 847,070	14,503	14,033
25	25	98 512	18 150,710	262 413,122	14,457	13,988
26	26	98 446	16 951,958	244 262,412	14,409	13,940
27	27	98 380	15 832,363	227 310,454	14,357	13,888
28	28	98 307	14 785,563	211 478,091	14,303	13,833
29	29	98 232	13 807,721	196 692,528	14,245	13,776
30	30	98 150	12 893,685	182 884,807	14,184	13,715
31	31	98 064	12 039,655	169 991,122	14,119	13,650
32	32	97 966	11 240,680	157 951,467	14,052	13,582
33	33	97 863	10 494,306	146 710,787	13,980	13,511
34	34	97 759	9 797,308	136 216,482	13,903	13,434
35	35	97 642	9 145,411	126 419,173	13,823	13,354
36	36	97 516	8 536,089	117 273,762	13,739	13,269
37	37	97 384	7 966,838	108 737,673	13,649	13,179
38	38	97 248	7 435,243	100 770,836	13,553	13,084
39	39	97 089	6 937,467	93 335,593	13,454	12,984
40	40	96 925	6 472,680	86 398,126	13,348	12,879
41	41	96 737	6 037,531	79 925,446	13,238	12,769
42	42	96 536	5 630,780	73 887,915	13,122	12,653
43	43	96 312	5 250,210	68 257,136	13,001	12,531
44	44	96 067	4 894,294	63 006,926	12,874	12,404
45	45	95 797	4 561,236	58 112,632	12,741	12,271
46	46	95 495	4 249,392	53 551,396	12,602	12,133
47	47	95 165	3 957,687	49 302,004	12,457	11,988
48	48	94 793	3 684,289	45 344,317	12,307	11,838
49	49	94 378	3 428,180	41 660,028	12,152	11,683
50	50	93 910	3 188,039	38 231,848	11,992	11,523
51	51	93 395	2 963,143	35 043,810	11,827	11,357
52	52	92 829	2 752,508	32 080,666	11,655	11,186
53	53	92 192	2 554,765	29 328,159	11,480	11,010
54	54	91 481	2 369,232	26 773,394	11,300	10,831
55	55	90 697	2 195,266	24 404,162	11,117	10,647
56	56	89 841	2 032,280	22 208,895	10,928	10,459
57	57	88 905	1 879,528	20 176,615	10,735	10,265
58	58	87 882	1 736,363	18 297,087	10,538	10,068
59	59	86 756	1 601,975	16 560,724	10,338	9,868
60	60	85 538	1 476,159	14 958,749	10,134	9,664
61	61	84 223	1 358,373	13 482,590	9,926	9,456
62	62	82 831	1 248,533	12 124,217	9,711	9,241
63	63	81 330	1 145,698	10 875,684	9,493	9,023
64	64	79 738	1 049,796	9 729,986	9,268	8,799
65	65	78 027	960,062	8 680,190	9,041	8,572
66	66	76 212	876,388	7 720,128	8,809	8,340
67	67	74 312	798,628	6 843,740	8,569	8,100
68	68	72 270	725,875	6 045,111	8,328	7,859
69	69	70 194	658,900	5 319,236	8,073	7,603
70	70	67 978	596,350	4 660,336	7,815	7,345
71	71	65 645	538,211	4 063,986	7,551	7,081
72	72	63 186	484,162	3 525,774	7,282	6,813
73	73	60 647	434,306	3 041,613	7,003	6,534
74	74	58 019	388,302	2 607,307	6,715	6,245
75	75	55 263	345,661	2 219,006	6,420	5,950
76	76	52 364	306,104	1 873,344	6,120	5,650
77	77	49 293	269,301	1 567,240	5,820	5,350
78	78	46 104	235,400	1 297,939	5,514	5,044
79	79	42 737	203,930	1 062,540	5,210	4,741
80	80	39 169	174,679	858,610	4,915	4,446
81	81	35 458	147,784	683,931	4,628	4,158
82	82	31 640	123,246	536,147	4,350	3,881
83	83	27 801	101,206	412,901	4,080	3,610
84	84	23 966	81,536	311,695	3,823	3,353
85	85	20 224	64,304	230,159	3,579	3,110
86	86	16 656	49,494	165,855	3,351	2,881
87	87	13 353	37,085	116,361	3,138	2,668
88	88	10 406	27,009	79,276	2,935	2,466
89	89	7 852	19,047	52,266	2,744	2,275
90	90	5 716	12,958	33,219	2,564	2,094
91	91	3 996	8,466	20,261	2,393	1,924
92	92	2 654	5,255	11,796	2,245	1,775
93	93	1 672	3,095	6,541	2,113	1,644
94	94	1 000	1,730	3,446	1,992	1,523
95	95	556	0,898	1,716	1,911	1,441
96	96	298	0,450	0,818	1,817	1,348
97	97	150	0,211	0,368	1,742	1,272
98	98	72	0,094	0,157	1,658	1,189
99	99	32	0,039	0,062	1,587	1,118
100	100	13	0,015	0,023	1,525	1,056

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 498 523,617	15,031	14,562	50	51	93 725	3 181,756	37 961,089	11,931	11,461
1	2	99 317	92 819,709	1 398 830,003	15,070	14,601	51	52	93 189	2 956,598	34 779,333	11,763	11,294
2	3	99 278	86 713,434	1 306 010,295	15,061	14,592	52	53	92 601	2 745,749	31 822,735	11,590	11,120
3	4	99 251	81 018,299	1 219 296,861	15,050	14,580	53	54	91 940	2 547,782	29 076,985	11,413	10,943
4	5	99 229	75 701,404	1 138 278,562	15,036	14,567	54	55	91 206	2 362,102	26 529,203	11,231	10,762
5	6	99 210	70 735,465	1 062 577,158	15,022	14,552	55	56	90 397	2 187,992	24 167,101	11,045	10,576
6	7	99 194	66 097,330	991 841,693	15,006	14,536	56	57	89 516	2 024,926	21 979,109	10,854	10,385
7	8	99 179	61 763,755	925 744,362	14,988	14,519	57	58	88 550	1 872,024	19 954,183	10,659	10,190
8	9	99 165	57 714,702	863 980,608	14,970	14,500	58	59	87 494	1 728,705	18 082,159	10,460	9,990
9	10	99 150	53 931,090	806 265,906	14,950	14,480	59	60	86 337	1 594,238	16 353,454	10,258	9,788
10	11	99 136	50 395,848	752 334,816	14,929	14,459	60	61	85 077	1 468,201	14 759,217	10,053	9,583
11	12	99 121	47 091,793	701 938,968	14,906	14,436	61	62	83 752	1 350,773	13 291,015	9,840	9,370
12	13	99 105	44 003,610	654 847,175	14,882	14,412	62	63	82 328	1 240,946	11 940,243	9,622	9,152
13	14	99 088	41 118,122	610 843,565	14,856	14,386	63	64	80 794	1 138,155	10 699,297	9,401	8,931
14	15	99 068	38 420,444	569 725,444	14,829	14,359	64	65	79 157	1 042,145	9 561,142	9,174	8,705
15	16	99 044	35 898,129	531 305,000	14,800	14,331	65	66	77 402	952,370	8 518,997	8,945	8,476
16	17	99 015	33 539,877	495 406,871	14,771	14,301	66	67	75 547	868,732	7 566,627	8,710	8,240
17	18	98 975	31 333,018	461 866,994	14,741	14,271	67	68	73 591	790,886	6 697,894	8,469	7,999
18	19	98 926	29 268,647	430 533,976	14,710	14,240	68	69	71 532	718,461	5 907,008	8,222	7,752
19	20	98 869	27 338,111	401 265,329	14,678	14,208	69	70	69 410	651,539	5 188,547	7,964	7,494
20	21	98 809	25 534,239	373 927,218	14,644	14,175	70	71	67 149	589,084	4 537,009	7,702	7,232
21	22	98 749	23 849,070	348 392,979	14,608	14,139	71	72	64 766	531,005	3 947,924	7,435	6,965
22	23	98 687	22 275,027	324 543,909	14,570	14,100	72	73	62 276	477,185	3 416,920	7,161	6,691
23	24	98 621	20 803,878	302 268,882	14,529	14,060	73	74	59 708	427,582	2 939,735	6,875	6,406
24	25	98 559	19 430,653	281 465,004	14,486	14,016	74	75	57 026	381,658	2 512,153	6,582	6,113
25	26	98 493	18 147,326	262 034,351	14,439	13,970	75	76	54 209	339,071	2 130,495	6,283	5,814
26	27	98 427	16 948,659	243 887,025	14,390	13,920	76	77	51 221	299,423	1 791,424	5,983	5,513
27	28	98 359	15 828,905	226 938,366	14,337	13,867	77	78	48 088	262,716	1 492,001	5,679	5,210
28	29	98 282	14 781,875	211 109,461	14,282	13,812	78	79	44 809	228,785	1 229,285	5,373	4,904
29	30	98 206	13 804,148	196 327,586	14,222	13,753	79	80	41 330	197,216	1 000,501	5,073	4,604
30	31	98 121	12 889,857	182 523,438	14,160	13,691	80	81	37 665	167,970	803,284	4,782	4,313
31	32	98 033	12 035,812	169 633,581	14,094	13,625	81	82	33 896	141,272	635,315	4,497	4,028
32	33	97 932	11 236,779	157 597,769	14,025	13,556	82	83	30 048	117,041	494,042	4,221	3,752
33	34	97 828	10 490,569	146 360,991	13,952	13,482	83	84	26 186	95,328	377,001	3,955	3,485
34	35	97 720	9 793,477	135 870,422	13,874	13,404	84	85	22 355	76,055	281,673	3,704	3,234
35	36	97 602	9 141,731	126 076,945	13,791	13,322	85	86	18 662	59,338	205,618	3,465	2,996
36	37	97 470	8 532,087	116 935,214	13,705	13,236	86	87	15 175	45,094	146,280	3,244	2,774
37	38	97 339	7 963,171	108 403,128	13,613	13,144	87	88	12 002	33,333	101,186	3,036	2,566
38	39	97 191	7 430,888	100 439,957	13,517	13,047	88	89	9 211	23,908	67,854	2,838	2,369
39	40	97 031	6 933,334	93 009,068	13,415	12,945	89	90	6 824	16,554	43,946	2,655	2,185
40	41	96 859	6 468,287	86 075,734	13,307	12,838	90	91	4 870	11,041	27,392	2,481	2,011
41	42	96 664	6 032,925	79 607,447	13,195	12,726	91	92	3 327	7,049	16,351	2,320	1,850
42	43	96 455	5 626,107	73 574,522	13,077	12,608	92	93	2 156	4,269	9,302	2,179	1,709
43	44	96 225	5 245,485	67 948,415	12,954	12,484	93	94	1 323	2,448	5,033	2,056	1,587
44	45	95 969	4 889,302	62 702,930	12,825	12,355	94	95	765	1,323	2,586	1,954	1,485
45	46	95 691	4 556,164	57 813,629	12,689	12,220	95	96	417	0,675	1,263	1,872	1,402
46	47	95 374	4 243,997	53 257,465	12,549	12,079	96	97	218	0,329	0,588	1,788	1,319
47	48	95 029	3 952,013	49 013,468	12,402	11,933	97	98	108	0,153	0,259	1,697	1,228
48	49	94 641	3 678,396	45 061,455	12,250	11,781	98	99	50	0,066	0,106	1,621	1,151
49	50	94 207	3 421,970	41 383,059	12,093	11,624	99	100	21	0,026	0,041	1,555	1,085

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 497 967,463	15,029	14,560
1	3	99 305	92 808,656	1 398 296,884	15,066	14,597
2	4	99 266	86 703,103	1 305 488,228	15,057	14,587
3	5	99 242	81 010,932	1 218 785,125	15,045	14,575
4	6	99 222	75 695,727	1 137 774,193	15,031	14,561
5	7	99 204	70 730,809	1 062 078,466	15,016	14,546
6	8	99 189	66 094,072	991 347,658	14,999	14,530
7	9	99 173	61 759,931	925 253,586	14,981	14,512
8	10	99 158	57 710,967	863 493,655	14,962	14,493
9	11	99 144	53 927,894	805 782,688	14,942	14,472
10	12	99 129	50 392,094	751 854,794	14,920	14,451
11	13	99 113	47 088,068	701 462,699	14,897	14,427
12	14	99 096	43 999,838	654 374,632	14,872	14,403
13	15	99 078	41 113,807	610 374,794	14,846	14,376
14	16	99 056	38 415,638	569 260,987	14,818	14,349
15	17	99 030	35 893,063	530 845,349	14,790	14,320
16	18	99 001	33 534,966	494 952,286	14,759	14,290
17	19	98 955	31 326,637	461 417,319	14,729	14,260
18	20	98 907	29 262,997	430 090,682	14,697	14,228
19	21	98 851	27 333,049	400 827,685	14,665	14,195
20	22	98 793	25 530,012	373 494,636	14,630	14,160
21	23	98 731	23 844,943	347 964,625	14,593	14,123
22	24	98 666	22 270,194	324 119,682	14,554	14,084
23	25	98 605	20 800,350	301 849,488	14,512	14,042
24	26	98 541	19 427,030	281 049,138	14,467	13,997
25	27	98 474	18 143,795	261 622,108	14,419	13,950
26	28	98 405	16 944,957	243 478,313	14,369	13,899
27	29	98 334	15 824,957	226 533,356	14,315	13,845
28	30	98 257	14 778,050	210 708,398	14,258	13,789
29	31	98 177	13 800,049	195 930,348	14,198	13,728
30	32	98 090	12 885,742	182 130,300	14,134	13,665
31	33	97 999	12 031,635	169 244,557	14,067	13,597
32	34	97 897	11 232,778	157 212,922	13,996	13,526
33	35	97 790	10 486,466	145 980,145	13,921	13,451
34	36	97 681	9 789,535	135 493,678	13,841	13,371
35	37	97 557	9 137,444	125 704,144	13,757	13,288
36	38	97 425	8 528,160	116 566,699	13,668	13,199
37	39	97 282	7 958,507	108 038,539	13,575	13,106
38	40	97 133	7 426,462	100 080,032	13,476	13,007
39	41	96 965	6 928,629	92 653,570	13,373	12,903
40	42	96 785	6 463,352	85 724,941	13,263	12,794
41	43	96 583	6 027,919	79 261,589	13,149	12,680
42	44	96 369	5 621,044	73 233,670	13,028	12,559
43	45	96 127	5 240,134	67 612,626	12,903	12,433
44	46	95 863	4 883,865	62 372,492	12,771	12,302
45	47	95 569	4 550,379	57 488,627	12,634	12,164
46	48	95 237	4 237,913	52 938,248	12,492	12,022
47	49	94 877	3 945,692	48 700,335	12,343	11,873
48	50	94 470	3 671,733	44 754,644	12,189	11,719
49	51	94 021	3 415,226	41 082,911	12,029	11,560
50	52	93 518	3 174,728	37 667,685	11,865	11,395
51	53	92 960	2 949,339	34 492,957	11,695	11,226
52	54	92 348	2 738,245	31 543,618	11,520	11,050
53	55	91 663	2 540,114	28 805,373	11,340	10,871
54	56	90 904	2 354,275	26 265,258	11,156	10,687
55	57	90 070	2 180,074	23 910,983	10,968	10,498
56	58	89 159	2 016,842	21 730,909	10,775	10,305
57	59	88 159	1 863,768	19 714,067	10,578	10,108
58	60	87 072	1 720,355	17 850,300	10,376	9,906
59	61	85 871	1 585,643	16 129,945	10,172	9,703
60	62	84 601	1 459,986	14 544,302	9,962	9,492
61	63	83 243	1 342,564	13 084,315	9,746	9,276
62	64	81 786	1 232,775	11 741,751	9,525	9,055
63	65	80 205	1 129,861	10 508,976	9,301	8,832
64	66	78 523	1 033,795	9 379,115	9,073	8,603
65	67	76 726	944,051	8 345,320	8,840	8,370
66	68	74 814	860,311	7 401,269	8,603	8,134
67	69	72 840	782,807	6 540,958	8,356	7,886
68	70	70 733	710,434	5 758,151	8,105	7,636
69	71	68 564	643,601	5 047,717	7,843	7,373
70	72	66 250	581,196	4 404,116	7,578	7,108
71	73	63 833	523,353	3 822,920	7,305	6,835
72	74	61 312	469,797	3 299,567	7,023	6,554
73	75	58 687	420,266	2 829,770	6,733	6,264
74	76	55 939	374,381	2 409,503	6,436	5,966
75	77	53 026	331,670	2 035,122	6,136	5,666
76	78	49 969	292,101	1 703,452	5,832	5,362
77	79	46 737	255,334	1 411,351	5,527	5,058
78	80	43 333	221,253	1 156,017	5,225	4,755
79	81	39 742	189,641	934,765	4,929	4,460
80	82	36 005	160,568	745,123	4,641	4,171
81	83	32 189	134,161	584,555	4,357	3,888
82	84	28 302	110,243	450,394	4,085	3,616
83	85	24 426	88,920	340,151	3,825	3,356
84	86	20 628	70,182	251,232	3,580	3,110
85	87	17 003	54,063	181,050	3,349	2,879
86	88	13 639	40,531	126,987	3,133	2,664
87	89	10 624	29,505	86,456	2,930	2,461
88	90	8 005	20,778	56,951	2,741	2,271
89	91	5 815	14,105	36,173	2,565	2,095
90	92	4 055	9,193	22,068	2,400	1,931
91	93	2 703	5,727	12,875	2,248	1,779
92	94	1 705	3,376	7,148	2,117	1,648
93	95	1 012	1,872	3,772	2,015	1,545
94	96	574	0,993	1,900	1,912	1,443
95	97	305	0,493	0,906	1,840	1,370
96	98	157	0,238	0,414	1,740	1,271
97	99	75	0,106	0,176	1,657	1,187
98	100	33	0,044	0,070	1,586	1,117

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 497 385,866	15,025	14,556
1	4	99 293	92 797,599	1 397 727,155	15,062	14,593
2	5	99 257	86 695,219	1 304 929,557	15,052	14,582
3	6	99 234	81 004,857	1 218 234,337	15,039	14,570
4	7	99 215	75 690,744	1 137 229,481	15,025	14,555
5	8	99 199	70 727,322	1 061 538,737	15,009	14,539
6	9	99 183	66 089,980	990 811,415	14,992	14,522
7	10	99 167	61 755,935	924 721,435	14,974	14,504
8	11	99 152	57 707,548	862 965,500	14,954	14,485
9	12	99 137	53 923,877	805 257,953	14,933	14,464
10	13	99 121	50 388,108	751 334,075	14,911	14,441
11	14	99 105	47 084,031	700 945,968	14,887	14,418
12	15	99 086	43 995,221	653 861,937	14,862	14,393
13	16	99 066	41 108,663	609 866,716	14,835	14,366
14	17	99 042	38 410,217	568 758,052	14,807	14,338
15	18	99 016	35 887,808	530 347,835	14,778	14,308
16	19	98 981	33 528,137	494 460,027	14,748	14,278
17	20	98 936	31 320,590	460 931,890	14,717	14,247
18	21	98 889	29 257,578	429 611,300	14,684	14,214
19	22	98 834	27 328,524	400 353,721	14,650	14,180
20	23	98 776	25 525,594	373 025,197	14,614	14,144
21	24	98 710	23 839,769	347 499,603	14,576	14,107
22	25	98 649	22 266,417	323 659,835	14,536	14,066
23	26	98 586	20 796,472	301 393,417	14,493	14,023
24	27	98 522	19 423,250	280 596,945	14,446	13,977
25	28	98 453	18 139,832	261 173,696	14,398	13,928
26	29	98 381	16 940,731	243 033,864	14,346	13,877
27	30	98 309	15 820,862	226 093,132	14,291	13,821
28	31	98 228	14 773,662	210 272,270	14,233	13,763
29	32	98 146	13 795,644	195 498,609	14,171	13,702
30	33	98 056	12 881,271	181 702,965	14,106	13,636
31	34	97 964	12 027,351	168 821,694	14,036	13,567
32	35	97 858	11 228,384	156 794,343	13,964	13,495
33	36	97 750	10 482,245	145 565,959	13,887	13,417
34	37	97 635	9 784,945	135 083,713	13,805	13,336
35	38	97 512	9 133,239	125 298,768	13,719	13,249
36	39	97 368	8 523,165	116 165,529	13,629	13,160
37	40	97 224	7 953,767	107 642,364	13,534	13,064
38	41	97 067	7 421,421	99 688,597	13,433	12,963
39	42	96 891	6 923,343	92 267,176	13,327	12,857
40	43	96 705	6 457,989	85 343,833	13,215	12,746
41	44	96 496	6 022,494	78 885,844	13,099	12,629
42	45	96 270	5 615,310	72 863,350	12,976	12,506
43	46	96 020	5 234,307	67 248,039	12,848	12,378
44	47	95 741	4 877,664	62 013,732	12,714	12,244
45	48	95 432	4 543,856	57 136,068	12,574	12,105
46	49	95 085	4 231,134	52 592,212	12,430	11,960
47	50	94 705	3 938,544	48 361,078	12,279	11,809
48	51	94 283	3 664,497	44 422,534	12,122	11,653
49	52	93 813	3 407,683	40 758,037	11,961	11,491
50	53	93 288	3 166,933	37 350,354	11,794	11,324
51	54	92 706	2 941,278	34 183,421	11,622	11,152
52	55	92 070	2 730,004	31 242,143	11,444	10,974
53	56	91 359	2 531,698	28 512,139	11,262	10,793
54	57	90 575	2 345,755	25 980,441	11,076	10,606
55	58	89 710	2 171,371	23 634,686	10,885	10,415
56	59	88 765	2 007,946	21 463,315	10,689	10,220
57	60	87 733	1 854,766	19 455,369	10,489	10,020
58	61	86 602	1 711,081	17 600,603	10,286	9,817
59	62	85 391	1 576,771	15 889,523	10,077	9,608
60	63	84 087	1 451,115	14 312,752	9,863	9,394
61	64	82 694	1 333,724	12 861,637	9,643	9,174
62	65	81 190	1 223,791	11 527,912	9,420	8,950
63	66	79 563	1 120,808	10 304,121	9,193	8,724
64	67	77 837	1 024,765	9 183,313	8,961	8,492
65	68	75 982	934,899	8 158,548	8,727	8,257
66	69	74 050	851,523	7 223,650	8,483	8,014
67	70	72 026	774,062	6 372,127	8,232	7,763
68	71	69 871	701,778	5 598,065	7,977	7,507
69	72	67 646	634,983	4 896,287	7,711	7,241
70	73	65 296	572,822	4 261,304	7,439	6,970
71	74	62 844	515,250	3 688,482	7,159	6,689
72	75	60 263	461,759	3 173,232	6,872	6,403
73	76	57 568	412,253	2 711,473	6,577	6,108
74	77	54 718	366,210	2 299,220	6,278	5,809
75	78	51 729	323,560	1 933,010	5,974	5,505
76	79	48 565	283,893	1 609,450	5,669	5,200
77	80	45 198	246,927	1 325,557	5,368	4,899
78	81	41 669	212,755	1 078,630	5,070	4,600
79	82	37 991	181,285	865,875	4,776	4,307
80	83	34 192	152,485	684,590	4,490	4,020
81	84	30 320	126,368	532,105	4,211	3,741
82	85	26 400	102,833	405,736	3,946	3,476
83	86	22 540	82,053	302,903	3,692	3,222
84	87	18 794	63,942	220,850	3,454	2,984
85	88	15 282	48,592	156,908	3,229	2,760
86	89	12 073	35,877	108,316	3,019	2,550
87	90	9 233	25,643	72,439	2,825	2,355
88	91	6 821	17,704	46,797	2,643	2,174
89	92	4 842	11,745	29,093	2,477	2,008
90	93	3 295	7,469	17,348	2,323	1,853
91	94	2 138	4,529	9,879	2,181	1,712
92	95	1 304	2,582	5,350	2,072	1,603
93	96	760	1,406	2,768	1,969	1,500
94	97	420	0,726	1,362	1,877	1,408
95	98	220	0,356	0,637	1,787	1,318
96	99	109	0,165	0,280	1,696	1,227
97	100	50	0,071	0,115	1,619	1,150

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 496 764,619	15,021	14,551
1	5	99 284	92 789,161	1 397 117,781	15,057	14,587
2	6	99 250	86 688,717	1 304 328,621	15,046	14,577
3	7	99 228	80 999,525	1 217 639,903	15,033	14,563
4	8	99 210	75 687,013	1 136 640,379	15,018	14,548
5	9	99 193	70 722,943	1 060 953,366	15,002	14,532
6	10	99 177	66 085,703	990 230,423	14,984	14,515
7	11	99 161	61 752,275	924 144,719	14,965	14,496
8	12	99 145	57 703,249	862 392,444	14,945	14,476
9	13	99 129	53 919,611	804 689,195	14,924	14,454
10	14	99 113	50 383,788	750 769,584	14,901	14,432
11	15	99 095	47 079,090	700 385,795	14,877	14,407
12	16	99 073	43 989,717	653 306,705	14,851	14,382
13	17	99 052	41 102,863	609 316,988	14,824	14,355
14	18	99 028	38 404,593	568 214,125	14,795	14,326
15	19	98 995	35 880,500	529 809,532	14,766	14,296
16	20	98 961	33 521,666	493 929,032	14,735	14,265
17	21	98 918	31 314,791	460 407,367	14,703	14,233
18	22	98 872	29 252,735	429 092,576	14,668	14,199
19	23	98 817	27 323,795	399 839,841	14,633	14,164
20	24	98 755	25 520,055	372 516,047	14,597	14,127
21	25	98 693	23 835,726	346 995,991	14,558	14,088
22	26	98 631	22 262,266	323 160,265	14,516	14,047
23	27	98 567	20 792,426	300 898,000	14,472	14,002
24	28	98 500	19 419,007	280 105,574	14,424	13,955
25	29	98 428	18 135,308	260 686,567	14,375	13,905
26	30	98 355	16 936,347	242 551,259	14,321	13,852
27	31	98 280	15 816,164	225 614,912	14,265	13,795
28	32	98 196	14 768,946	209 798,747	14,205	13,736
29	33	98 112	13 790,856	195 029,801	14,142	13,672
30	34	98 021	12 876,684	181 238,945	14,075	13,605
31	35	97 926	12 022,647	168 362,261	14,004	13,534
32	36	97 819	11 223,865	156 339,614	13,929	13,460
33	37	97 705	10 477,331	145 115,749	13,850	13,381
34	38	97 590	9 780,442	134 638,418	13,766	13,297
35	39	97 455	9 127,890	124 857,976	13,679	13,209
36	40	97 310	8 518,088	115 730,086	13,586	13,117
37	41	97 158	7 948,368	107 211,998	13,489	13,019
38	42	96 993	7 415,760	99 263,629	13,385	12,916
39	43	96 811	6 917,598	91 847,869	13,277	12,808
40	44	96 618	6 452,177	84 930,271	13,163	12,694
41	45	96 398	6 016,351	78 478,094	13,044	12,575
42	46	96 163	5 609,066	72 461,743	12,919	12,449
43	47	95 898	5 227,661	66 852,677	12,788	12,319
44	48	95 604	4 870,671	61 625,016	12,652	12,183
45	49	95 279	4 536,588	56 754,344	12,510	12,041
46	50	94 912	4 223,470	52 217,757	12,364	11,894
47	51	94 518	3 930,783	47 994,287	12,210	11,740
48	52	94 075	3 656,403	44 063,505	12,051	11,582
49	53	93 583	3 399,316	40 407,102	11,887	11,417
50	54	93 033	3 158,278	37 007,786	11,718	11,248
51	55	92 427	2 932,426	33 849,508	11,543	11,074
52	56	91 765	2 720,958	30 917,082	11,363	10,893
53	57	91 029	2 522,536	28 196,124	11,178	10,708
54	58	90 213	2 336,390	25 673,588	10,989	10,519
55	59	89 315	2 161,794	23 337,198	10,795	10,326
56	60	88 337	1 998,248	21 175,404	10,597	10,127
57	61	87 260	1 844,766	19 177,156	10,395	9,926
58	62	86 118	1 701,507	17 332,390	10,186	9,717
59	63	84 872	1 567,190	15 630,883	9,974	9,504
60	64	83 533	1 441,560	14 063,693	9,756	9,286
61	65	82 092	1 324,005	12 622,133	9,533	9,064
62	66	80 539	1 213,986	11 298,128	9,307	8,837
63	67	78 868	1 111,017	10 084,142	9,076	8,607
64	68	77 082	1 014,830	8 973,124	8,842	8,372
65	69	75 206	925,349	7 958,294	8,600	8,131
66	70	73 223	842,009	7 032,945	8,353	7,883
67	71	71 148	764,631	6 190,936	8,097	7,627
68	72	68 935	692,381	5 426,305	7,837	7,368
69	73	66 671	625,833	4 733,924	7,564	7,095
70	74	64 285	563,953	4 108,090	7,284	6,815
71	75	61 769	506,435	3 544,138	6,998	6,529
72	76	59 114	452,955	3 037,703	6,706	6,237
73	77	56 311	403,255	2 584,748	6,410	5,940
74	78	53 380	357,255	2 181,493	6,106	5,637
75	79	50 276	314,468	1 824,238	5,801	5,332
76	80	46 966	274,547	1 509,770	5,499	5,030
77	81	43 462	237,443	1 235,223	5,202	4,733
78	82	39 833	203,380	997,780	4,906	4,436
79	83	36 079	172,159	794,400	4,614	4,145
80	84	32 206	143,629	622,241	4,332	3,863
81	85	28 282	117,874	478,612	4,060	3,591
82	86	24 361	94,892	360,738	3,802	3,332
83	87	20 536	74,758	265,846	3,556	3,087
84	88	16 892	57,472	191,089	3,325	2,855
85	89	13 527	43,013	133,617	3,106	2,637
86	90	10 492	31,180	90,604	2,906	2,436
87	91	7 867	21,849	59,424	2,720	2,250
88	92	5 680	14,742	37,575	2,549	2,079
89	93	3 934	9,542	22,834	2,393	1,924
90	94	2 605	5,906	13,292	2,250	1,781
91	95	1 635	3,464	7,385	2,132	1,663
92	96	979	1,939	3,922	2,022	1,553
93	97	555	1,027	1,983	1,931	1,461
94	98	303	0,525	0,956	1,821	1,352
95	99	153	0,248	0,431	1,740	1,270
96	100	73	0,111	0,183	1,656	1,187

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 496 100,521	15,015	14,546
1	6	99 277	92 782,202	1 396 462,744	15,051	14,581
2	7	99 243	86 683,011	1 303 680,542	15,040	14,570
3	8	99 223	80 995,532	1 216 997,531	15,025	14,556
4	9	99 204	75 682,327	1 136 002,000	15,010	14,541
5	10	99 186	70 718,367	1 060 319,673	14,994	14,524
6	11	99 171	66 081,788	989 601,306	14,975	14,506
7	12	99 153	61 747,676	923 519,518	14,956	14,487
8	13	99 137	57 698,684	861 771,842	14,936	14,466
9	14	99 121	53 914,989	804 073,158	14,914	14,444
10	15	99 102	50 378,501	750 158,169	14,890	14,421
11	16	99 082	47 073,201	699 779,668	14,866	14,396
12	17	99 059	43 983,510	652 706,467	14,840	14,370
13	18	99 037	41 096,845	608 722,958	14,812	14,342
14	19	99 007	38 396,772	567 626,113	14,783	14,314
15	20	98 976	35 873,574	529 229,341	14,753	14,283
16	21	98 943	33 515,458	493 355,767	14,720	14,251
17	22	98 901	31 309,606	459 840,308	14,687	14,217
18	23	98 855	29 247,672	428 530,702	14,652	14,182
19	24	98 796	27 317,866	399 283,029	14,616	14,147
20	25	98 738	25 515,728	371 965,163	14,578	14,108
21	26	98 675	23 831,282	346 449,435	14,538	14,068
22	27	98 612	22 257,934	322 618,154	14,495	14,025
23	28	98 546	20 787,884	300 360,220	14,449	13,979
24	29	98 476	19 414,164	279 572,336	14,400	13,931
25	30	98 403	18 130,615	260 158,172	14,349	13,880
26	31	98 326	16 931,318	242 027,557	14,295	13,825
27	32	98 248	15 811,116	225 096,239	14,237	13,767
28	33	98 162	14 763,821	209 285,123	14,176	13,706
29	34	98 077	13 785,946	194 521,302	14,110	13,641
30	35	97 982	12 871,648	180 735,356	14,041	13,572
31	36	97 886	12 017,808	167 863,708	13,968	13,498
32	37	97 773	11 218,603	155 845,900	13,892	13,422
33	38	97 660	10 472,509	144 627,297	13,810	13,341
34	39	97 533	9 774,714	134 154,788	13,725	13,255
35	40	97 397	9 122,453	124 380,074	13,634	13,165
36	41	97 244	8 512,307	115 257,622	13,540	13,071
37	42	97 084	7 942,305	106 745,315	13,440	12,971
38	43	96 912	7 409,606	98 803,010	13,334	12,865
39	44	96 723	6 911,373	91 393,404	13,224	12,754
40	45	96 519	6 445,596	84 482,031	13,107	12,637
41	46	96 291	6 009,661	78 036,435	12,985	12,516
42	47	96 041	5 601,944	72 026,774	12,857	12,388
43	48	95 761	5 220,167	66 424,830	12,725	12,255
44	49	95 451	4 862,880	61 204,663	12,586	12,117
45	50	95 107	4 528,370	56 341,783	12,442	11,972
46	51	94 725	4 215,147	51 813,413	12,292	11,823
47	52	94 310	3 922,100	47 598,266	12,136	11,666
48	53	93 844	3 647,425	43 676,166	11,975	11,505
49	54	93 327	3 390,025	40 028,741	11,808	11,338
50	55	92 753	3 148,772	36 638,716	11,636	11,166
51	56	92 121	2 922,710	33 489,943	11,459	10,989
52	57	91 433	2 711,111	30 567,234	11,275	10,805
53	58	90 665	2 512,465	27 856,122	11,087	10,618
54	59	89 815	2 326,085	25 343,657	10,895	10,426
55	60	88 883	2 151,352	23 017,571	10,699	10,230
56	61	87 860	1 987,475	20 866,219	10,499	10,029
57	62	86 772	1 834,445	18 878,744	10,291	9,822
58	63	85 594	1 691,167	17 044,299	10,078	9,609
59	64	84 313	1 556,871	15 353,131	9,862	9,392
60	65	82 925	1 431,055	13 796,260	9,641	9,171
61	66	81 434	1 313,397	12 365,206	9,415	8,945
62	67	79 836	1 203,381	11 051,809	9,184	8,714
63	68	78 103	1 100,247	9 848,427	8,951	8,482
64	69	76 295	1 004,464	8 748,181	8,709	8,240
65	70	74 366	915,011	7 743,717	8,463	7,993
66	71	72 331	831,751	6 828,706	8,210	7,741
67	72	70 196	754,392	5 996,955	7,949	7,480
68	73	67 942	682,405	5 242,563	7,682	7,213
69	74	65 639	616,143	4 560,158	7,401	6,932
70	75	63 185	554,304	3 944,015	7,115	6,646
71	76	60 591	496,779	3 389,711	6,823	6,354
72	77	57 823	443,069	2 892,932	6,529	6,060
73	78	54 934	393,395	2 449,863	6,227	5,758
74	79	51 880	347,216	2 056,469	5,923	5,453
75	80	48 621	304,115	1 709,252	5,620	5,151
76	81	45 162	264,002	1 405,138	5,322	4,853
77	82	41 547	226,981	1 141,136	5,027	4,558
78	83	37 828	193,142	914,155	4,733	4,264
79	84	33 983	162,160	721,013	4,446	3,977
80	85	30 042	133,974	558,854	4,171	3,702
81	86	26 098	108,771	424,880	3,906	3,437
82	87	22 195	86,455	316,109	3,656	3,187
83	88	18 458	67,193	229,653	3,418	2,948
84	89	14 953	50,873	162,460	3,193	2,724
85	90	11 756	37,381	111,587	2,985	2,516
86	91	8 940	26,567	74,206	2,793	2,324
87	92	6 551	18,193	47,639	2,619	2,149
88	93	4 614	11,977	29,446	2,459	1,989
89	94	3 111	7,546	17,469	2,315	1,846
90	95	1 993	4,517	9,924	2,197	1,727
91	96	1 228	2,601	5,406	2,078	1,609
92	97	715	1,416	2,805	1,980	1,511
93	98	401	0,742	1,388	1,870	1,401
94	99	211	0,365	0,646	1,771	1,301
95	100	103	0,166	0,281	1,696	1,227

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 495 387,170	15,009	14,540
1	7	99 270	92 776,094	1 395 756,866	15,044	14,575
2	8	99 238	86 678,738	1 302 980,771	15,032	14,563
3	9	99 217	80 990,517	1 216 302,033	15,018	14,548
4	10	99 198	75 677,430	1 135 311,516	15,002	14,532
5	11	99 180	70 714,177	1 059 634,087	14,985	14,515
6	12	99 164	66 076,866	988 919,910	14,966	14,497
7	13	99 145	61 742,791	922 843,044	14,947	14,477
8	14	99 129	57 693,738	861 100,254	14,925	14,456
9	15	99 110	53 909,331	803 406,516	14,903	14,433
10	16	99 090	50 372,199	749 497,184	14,879	14,410
11	17	99 068	47 066,559	699 124,985	14,854	14,384
12	18	99 045	43 977,070	652 058,427	14,827	14,358
13	19	99 017	41 088,476	608 081,357	14,799	14,330
14	20	98 988	38 389,361	566 992,881	14,770	14,300
15	21	98 958	35 866,931	528 603,521	14,738	14,268
16	22	98 927	33 509,910	492 736,589	14,704	14,235
17	23	98 884	31 304,188	459 226,679	14,670	14,200
18	24	98 834	29 241,326	427 922,491	14,634	14,165
19	25	98 779	27 313,234	398 681,165	14,597	14,127
20	26	98 719	25 510,970	371 367,931	14,557	14,088
21	27	98 656	23 826,645	345 856,961	14,516	14,046
22	28	98 590	22 253,072	322 030,316	14,471	14,002
23	29	98 521	20 782,699	299 777,244	14,424	13,955
24	30	98 450	19 409,140	278 994,545	14,374	13,905
25	31	98 373	18 125,231	259 585,404	14,322	13,852
26	32	98 295	16 925,914	241 460,173	14,266	13,796
27	33	98 214	15 805,629	224 534,259	14,206	13,736
28	34	98 127	14 758,564	208 728,631	14,143	13,673
29	35	98 038	13 780,554	193 970,067	14,076	13,606
30	36	97 943	12 866,467	180 189,513	14,005	13,535
31	37	97 841	12 012,174	167 323,045	13,929	13,460
32	38	97 728	11 213,440	155 310,872	13,850	13,381
33	39	97 603	10 466,376	144 097,432	13,768	13,298
34	40	97 475	9 768,891	133 631,056	13,679	13,210
35	41	97 331	9 116,261	123 862,165	13,587	13,117
36	42	97 170	8 505,813	114 745,904	13,490	13,021
37	43	97 003	7 935,714	106 240,091	13,388	12,918
38	44	96 825	7 402,938	98 304,376	13,279	12,810
39	45	96 625	6 904,323	90 901,438	13,166	12,696
40	46	96 412	6 438,429	83 997,116	13,046	12,577
41	47	96 169	6 002,030	77 558,687	12,922	12,453
42	48	95 903	5 593,914	71 556,657	12,792	12,322
43	49	95 607	5 211,817	65 962,743	12,656	12,187
44	50	95 278	4 854,071	60 750,926	12,515	12,046
45	51	94 919	4 519,446	55 896,854	12,368	11,899
46	52	94 516	4 205,836	51 377,409	12,216	11,746
47	53	94 078	3 912,470	47 171,572	12,057	11,587
48	54	93 588	3 637,456	43 259,102	11,893	11,423
49	55	93 046	3 379,822	39 621,646	11,723	11,253
50	56	92 446	3 138,339	36 241,823	11,548	11,079
51	57	91 788	2 912,133	33 103,484	11,367	10,898
52	58	91 068	2 700,288	30 191,351	11,181	10,711
53	59	90 265	2 501,384	27 491,064	10,990	10,521
54	60	89 381	2 314,850	24 989,680	10,795	10,326
55	61	88 404	2 139,754	22 674,829	10,597	10,127
56	62	87 369	1 976,355	20 535,075	10,390	9,921
57	63	86 245	1 823,298	18 558,719	10,179	9,709
58	64	85 031	1 680,032	16 735,422	9,961	9,492
59	65	83 699	1 545,525	15 055,390	9,741	9,272
60	66	82 260	1 419,589	13 509,864	9,517	9,047
61	67	80 723	1 301,924	12 090,275	9,286	8,817
62	68	79 062	1 191,715	10 788,352	9,053	8,583
63	69	77 305	1 089,008	9 596,636	8,812	8,343
64	70	75 443	993,242	8 507,628	8,566	8,096
65	71	73 460	903,863	7 514,386	8,314	7,844
66	72	71 362	820,613	6 610,524	8,056	7,586
67	73	69 184	743,522	5 789,910	7,787	7,318
68	74	66 890	671,839	5 046,388	7,511	7,042
69	75	64 516	605,602	4 374,549	7,223	6,754
70	76	61 980	543,735	3 768,947	6,932	6,462
71	77	59 269	485,936	3 225,212	6,637	6,168
72	78	56 409	432,235	2 739,276	6,337	5,868
73	79	53 391	382,340	2 307,041	6,034	5,564
74	80	50 172	335,785	1 924,701	5,732	5,262
75	81	46 753	292,434	1 588,916	5,433	4,964
76	82	43 172	252,369	1 296,482	5,137	4,668
77	83	39 455	215,554	1 044,113	4,844	4,374
78	84	35 631	181,924	828,559	4,554	4,085
79	85	31 699	151,259	646,635	4,275	3,805
80	86	27 722	123,628	495,376	4,007	3,537
81	87	23 777	99,101	371,748	3,751	3,282
82	88	19 949	77,707	272,647	3,509	3,039
83	89	16 338	59,478	194,940	3,278	2,808
84	90	12 995	44,213	135,463	3,064	2,594
85	91	10 017	31,851	91,250	2,865	2,395
86	92	7 444	22,122	59,399	2,685	2,216
87	93	5 322	14,781	37,277	2,522	2,052
88	94	3 649	9,471	22,496	2,375	1,906
89	95	2 379	5,771	13,025	2,257	1,787
90	96	1 496	3,392	7,254	2,138	1,669
91	97	897	1,900	3,862	2,032	1,563
92	98	517	1,024	1,961	1,915	1,446
93	99	279	0,516	0,937	1,816	1,346
94	100	141	0,244	0,421	1,725	1,255

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 494 619,067	15,003	14,533
1	8	99 266	92 771,521	1 394 995,322	15,037	14,567
2	9	99 232	86 673,372	1 302 223,801	15,024	14,555
3	10	99 210	80 985,276	1 215 550,429	15,010	14,540
4	11	99 192	75 672,946	1 134 565,153	14,993	14,523
5	12	99 173	70 708,909	1 058 892,207	14,975	14,506
6	13	99 156	66 071,638	988 183,298	14,956	14,487
7	14	99 137	61 737,498	922 111,660	14,936	14,466
8	15	99 118	57 687,684	860 374,162	14,914	14,445
9	16	99 098	53 902,587	802 686,478	14,891	14,422
10	17	99 076	50 365,091	748 783,891	14,867	14,398
11	18	99 054	47 059,667	698 418,799	14,841	14,372
12	19	99 025	43 968,114	651 359,132	14,814	14,345
13	20	98 998	41 080,545	607 391,018	14,785	14,316
14	21	98 970	38 382,252	566 310,473	14,754	14,285
15	22	98 942	35 860,993	527 928,221	14,722	14,252
16	23	98 910	33 504,111	492 067,228	14,687	14,217
17	24	98 863	31 297,396	458 563,117	14,652	14,182
18	25	98 817	29 236,368	427 265,721	14,614	14,145
19	26	98 761	27 308,141	398 029,353	14,575	14,106
20	27	98 700	25 506,006	370 721,212	14,535	14,065
21	28	98 634	23 821,440	345 215,206	14,492	14,022
22	29	98 565	22 247,522	321 393,766	14,446	13,977
23	30	98 496	20 777,321	299 146,243	14,398	13,928
24	31	98 421	19 403,377	278 368,922	14,346	13,877
25	32	98 342	18 119,446	258 965,545	14,292	13,823
26	33	98 261	16 920,040	240 846,099	14,234	13,765
27	34	98 179	15 800,001	223 926,059	14,173	13,703
28	35	98 089	14 752,792	208 126,058	14,108	13,638
29	36	97 999	13 775,008	193 373,266	14,038	13,568
30	37	97 897	12 860,435	179 598,259	13,965	13,496
31	38	97 795	12 006,645	166 737,824	13,887	13,418
32	39	97 671	11 206,873	154 731,179	13,807	13,337
33	40	97 544	10 460,141	143 524,306	13,721	13,252
34	41	97 409	9 762,261	133 064,165	13,630	13,161
35	42	97 256	9 109,307	123 301,904	13,536	13,066
36	43	97 089	8 498,755	114 192,597	13,436	12,967
37	44	96 916	7 928,573	105 693,843	13,331	12,861
38	45	96 726	7 395,387	97 765,270	13,220	12,750
39	46	96 517	6 896,645	90 369,883	13,103	12,634
40	47	96 290	6 430,253	83 473,238	12,981	12,512
41	48	96 031	5 993,426	77 042,984	12,855	12,385
42	49	95 750	5 584,966	71 049,558	12,722	12,252
43	50	95 434	5 202,376	65 464,592	12,584	12,114
44	51	95 090	4 844,506	60 262,216	12,439	11,970
45	52	94 710	4 509,463	55 417,710	12,289	11,820
46	53	94 284	4 195,510	50 908,247	12,134	11,664
47	54	93 821	3 901,777	46 712,737	11,972	11,503
48	55	93 306	3 626,509	42 810,960	11,805	11,335
49	56	92 738	3 368,624	39 184,451	11,632	11,163
50	57	92 112	3 126,982	35 815,828	11,454	10,984
51	58	91 421	2 900,507	32 688,846	11,270	10,801
52	59	90 666	2 688,378	29 788,339	11,080	10,611
53	60	89 829	2 489,302	27 099,961	10,887	10,417
54	61	88 899	2 302,371	24 610,659	10,689	10,220
55	62	87 909	2 127,782	22 308,288	10,484	10,015
56	63	86 838	1 964,346	20 180,505	10,273	9,804
57	64	85 677	1 811,292	18 216,160	10,057	9,587
58	65	84 411	1 667,789	16 404,868	9,836	9,367
59	66	83 028	1 533,142	14 737,078	9,612	9,143
60	67	81 542	1 407,188	13 203,936	9,383	8,914
61	68	79 940	1 289,303	11 796,748	9,150	8,680
62	69	78 254	1 179,542	10 507,445	8,908	8,439
63	70	76 442	1 076,841	9 327,903	8,662	8,193
64	71	74 523	981,141	8 251,062	8,410	7,940
65	72	72 476	891,760	7 269,921	8,152	7,683
66	73	70 334	808,789	6 378,161	7,886	7,417
67	74	68 113	732,010	5 569,373	7,608	7,139
68	75	65 746	660,345	4 837,362	7,326	6,856
69	76	63 286	594,055	4 177,017	7,031	6,562
70	77	60 627	531,868	3 582,963	6,737	6,267
71	78	57 820	474,054	3 051,095	6,436	5,967
72	79	54 824	420,089	2 577,041	6,135	5,665
73	80	51 633	369,752	2 156,952	5,834	5,364
74	81	48 245	322,888	1 787,200	5,535	5,066
75	82	44 693	279,549	1 464,312	5,238	4,769
76	83	40 999	239,665	1 184,763	4,943	4,474
77	84	37 164	203,034	945,099	4,655	4,185
78	85	33 236	169,695	742,064	4,373	3,903
79	86	29 251	139,579	572,370	4,101	3,631
80	87	25 257	112,637	432,791	3,842	3,373
81	88	21 371	89,073	320,154	3,594	3,125
82	89	17 659	68,784	231,082	3,360	2,890
83	90	14 199	51,691	162,297	3,140	2,670
84	91	11 073	37,672	110,606	2,936	2,467
85	92	8 341	26,521	72,935	2,750	2,281
86	93	6 048	17,972	46,413	2,582	2,113
87	94	4 209	11,689	28,441	2,433	1,964
88	95	2 791	7,244	16,752	2,313	1,843
89	96	1 787	4,334	9,508	2,194	1,724
90	97	1 093	2,478	5,174	2,088	1,618
91	98	648	1,374	2,696	1,963	1,493
92	99	360	0,712	1,322	1,857	1,388
93	100	187	0,346	0,610	1,766	1,297

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 493 791,099	14,995	14,526
1	9	99 259	92 765,777	1 394 172,264	15,029	14,559
2	10	99 226	86 667,763	1 301 406,487	15,016	14,547
3	11	99 205	80 980,478	1 214 738,724	15,000	14,531
4	12	99 184	75 667,309	1 133 758,246	14,983	14,514
5	13	99 165	70 703,315	1 058 090,937	14,965	14,496
6	14	99 147	66 065,974	987 387,622	14,945	14,476
7	15	99 127	61 731,020	921 321,647	14,925	14,455
8	16	99 106	57 680,467	859 590,628	14,903	14,433
9	17	99 084	53 894,981	801 910,161	14,879	14,410
10	18	99 061	50 357,717	748 015,179	14,854	14,385
11	19	99 033	47 050,084	697 657,462	14,828	14,358
12	20	99 006	43 959,627	650 607,378	14,800	14,331
13	21	98 979	41 072,938	606 647,751	14,770	14,300
14	22	98 954	38 375,898	565 574,813	14,738	14,268
15	23	98 924	35 854,788	527 198,915	14,704	14,234
16	24	98 888	33 496,841	491 344,128	14,668	14,199
17	25	98 846	31 292,089	457 847,287	14,631	14,162
18	26	98 799	29 230,916	426 555,198	14,593	14,123
19	27	98 741	27 302,827	397 324,282	14,552	14,083
20	28	98 679	25 500,435	370 021,454	14,510	14,041
21	29	98 610	23 815,499	344 521,019	14,466	13,997
22	30	98 540	22 241,765	320 705,520	14,419	13,950
23	31	98 466	20 771,152	298 463,755	14,369	13,900
24	32	98 390	19 397,184	277 692,603	14,316	13,847
25	33	98 308	18 113,157	258 295,419	14,260	13,791
26	34	98 226	16 914,015	240 182,262	14,200	13,731
27	35	98 141	15 793,822	223 268,246	14,136	13,667
28	36	98 049	14 746,854	207 474,425	14,069	13,600
29	37	97 953	13 768,549	192 727,571	13,998	13,528
30	38	97 852	12 854,516	178 959,021	13,922	13,452
31	39	97 738	11 999,614	166 104,505	13,842	13,373
32	40	97 613	11 200,197	154 104,892	13,759	13,290
33	41	97 478	10 453,041	142 904,695	13,671	13,202
34	42	97 335	9 754,814	132 451,653	13,578	13,109
35	43	97 176	9 101,748	122 696,840	13,481	13,011
36	44	97 002	8 491,107	113 595,092	13,378	12,909
37	45	96 817	7 920,485	105 103,985	13,270	12,800
38	46	96 619	7 387,163	97 183,500	13,156	12,686
39	47	96 395	6 887,889	89 796,337	13,037	12,567
40	48	96 152	6 421,035	82 908,448	12,912	12,442
41	49	95 877	5 983,839	76 487,413	12,782	12,313
42	50	95 577	5 574,849	70 503,574	12,647	12,177
43	51	95 246	5 192,124	64 928,725	12,505	12,036
44	52	94 880	4 833,805	59 736,601	12,358	11,889
45	53	94 477	4 498,391	54 902,795	12,205	11,735
46	54	94 026	4 184,043	50 404,404	12,047	11,577
47	55	93 539	3 890,034	46 220,361	11,882	11,412
48	56	92 997	3 614,493	42 330,327	11,711	11,242
49	57	92 402	3 356,433	38 715,834	11,535	11,065
50	58	91 744	3 114,498	35 359,401	11,353	10,884
51	59	91 018	2 887,714	32 244,903	11,166	10,697
52	60	90 229	2 675,393	29 357,189	10,973	10,504
53	61	89 345	2 475,883	26 681,796	10,777	10,307
54	62	88 402	2 289,489	24 205,914	10,573	10,103
55	63	87 375	2 114,853	21 916,425	10,363	9,894
56	64	86 266	1 951,412	19 801,572	10,147	9,678
57	65	85 053	1 798,093	17 850,161	9,927	9,458
58	66	83 735	1 654,427	16 052,068	9,702	9,233
59	67	82 303	1 519,750	14 397,641	9,474	9,004
60	68	80 751	1 393,546	12 877,892	9,241	8,772
61	69	79 124	1 276,133	11 484,345	8,999	8,530
62	70	77 380	1 166,364	10 208,213	8,752	8,283
63	71	75 510	1 063,721	9 041,849	8,500	8,031
64	72	73 526	968,003	7 978,127	8,242	7,772
65	73	71 432	878,910	7 010,124	7,976	7,506
66	74	69 245	796,266	6 131,214	7,700	7,230
67	75	66 948	719,487	5 334,948	7,415	6,945
68	76	64 492	647,754	4 615,461	7,125	6,656
69	77	61 905	581,089	3 967,707	6,828	6,359
70	78	59 145	518,862	3 386,618	6,527	6,057
71	79	56 195	460,733	2 867,756	6,224	5,755
72	80	53 019	406,258	2 407,023	5,925	5,455
73	81	49 650	355,551	2 000,765	5,627	5,158
74	82	46 119	308,661	1 645,214	5,330	4,861
75	83	42 443	265,476	1 336,553	5,035	4,565
76	84	38 617	225,744	1 071,077	4,745	4,275
77	85	34 666	189,386	845,333	4,464	3,994
78	86	30 669	156,591	655,947	4,189	3,719
79	87	26 650	127,169	499,356	3,927	3,457
80	88	22 701	101,239	372,187	3,676	3,207
81	89	18 917	78,845	270,948	3,436	2,967
82	90	15 347	59,779	192,103	3,214	2,744
83	91	12 099	44,044	132,324	3,004	2,535
84	92	9 220	31,368	88,280	2,814	2,345
85	93	6 777	21,547	56,912	2,641	2,172
86	94	4 783	14,213	35,365	2,488	2,019
87	95	3 219	8,940	21,152	2,366	1,897
88	96	2 096	5,440	12,212	2,245	1,775
89	97	1 305	3,166	6,773	2,139	1,670
90	98	790	1,792	3,607	2,013	1,544
91	99	451	0,955	1,815	1,900	1,431
92	100	241	0,477	0,860	1,804	1,334

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 492 897,042	14,987	14,518
1	10	99 253	92 759,775	1 393 284,375	15,020	14,551
2	11	99 220	86 662,628	1 300 524,600	15,007	14,537
3	12	99 197	80 974,446	1 213 861,972	14,991	14,521
4	13	99 177	75 661,323	1 132 887,526	14,973	14,504
5	14	99 157	70 697,255	1 057 226,204	14,954	14,485
6	15	99 137	66 059,042	986 528,949	14,934	14,465
7	16	99 114	61 723,297	920 469,907	14,913	14,443
8	17	99 092	57 672,328	858 746,611	14,890	14,421
9	18	99 069	53 887,090	801 074,282	14,866	14,396
10	19	99 041	50 347,462	747 187,192	14,841	14,371
11	20	99 014	47 041,002	696 839,730	14,813	14,344
12	21	98 987	43 951,487	649 798,728	14,784	14,315
13	22	98 963	41 066,138	605 847,241	14,753	14,283
14	23	98 936	38 369,257	564 781,103	14,720	14,250
15	24	98 903	35 847,008	526 411,846	14,685	14,215
16	25	98 871	33 491,161	490 564,838	14,648	14,178
17	26	98 827	31 286,254	457 073,677	14,609	14,140
18	27	98 779	29 225,229	425 787,423	14,569	14,100
19	28	98 720	27 296,864	396 562,194	14,528	14,058
20	29	98 654	25 494,076	369 265,331	14,484	14,015
21	30	98 584	23 809,336	343 771,255	14,439	13,969
22	31	98 511	22 235,161	319 961,919	14,390	13,920
23	32	98 435	20 764,522	297 726,758	14,338	13,869
24	33	98 355	19 390,452	276 962,236	14,283	13,814
25	34	98 273	18 106,708	257 571,784	14,225	13,756
26	35	98 187	16 907,400	239 465,076	14,163	13,694
27	36	98 101	15 787,465	222 557,676	14,097	13,628
28	37	98 003	14 739,940	206 770,211	14,028	13,558
29	38	97 908	13 762,213	192 030,271	13,953	13,484
30	39	97 795	12 846,988	178 268,058	13,876	13,407
31	40	97 680	11 992,465	165 421,070	13,794	13,324
32	41	97 546	11 192,595	153 428,605	13,708	13,239
33	42	97 404	10 445,067	142 236,010	13,618	13,148
34	43	97 254	9 746,719	131 790,943	13,522	13,052
35	44	97 088	9 093,557	122 044,224	13,421	12,951
36	45	96 903	8 482,445	112 950,667	13,316	12,846
37	46	96 709	7 911,678	104 468,221	13,204	12,735
38	47	96 496	7 377,784	96 556,544	13,087	12,618
39	48	96 257	6 878,014	89 178,760	12,966	12,496
40	49	95 998	6 410,764	82 300,745	12,838	12,368
41	50	95 703	5 973,000	75 889,981	12,706	12,236
42	51	95 388	5 563,863	69 916,981	12,566	12,097
43	52	95 036	5 180,656	64 353,118	12,422	11,952
44	53	94 647	4 821,937	59 172,463	12,272	11,802
45	54	94 219	4 486,097	54 350,526	12,115	11,646
46	55	93 743	4 171,450	49 864,429	11,954	11,484
47	56	93 229	3 877,145	45 692,979	11,785	11,316
48	57	92 660	3 601,412	41 815,834	11,611	11,141
49	58	92 033	3 343,033	38 214,421	11,431	10,962
50	59	91 339	3 100,761	34 871,388	11,246	10,777
51	60	90 578	2 873,766	31 770,627	11,055	10,586
52	61	89 742	2 660,970	28 896,861	10,860	10,390
53	62	88 845	2 462,030	26 235,891	10,656	10,187
54	63	87 865	2 275,577	23 773,861	10,447	9,978
55	64	86 800	2 100,927	21 498,284	10,233	9,763
56	65	85 637	1 937,191	19 397,357	10,013	9,544
57	66	84 371	1 783,686	17 460,166	9,789	9,319
58	67	83 003	1 639,974	15 676,480	9,559	9,089
59	68	81 505	1 505,017	14 036,505	9,326	8,857
60	69	79 926	1 379,312	12 531,489	9,085	8,616
61	70	78 240	1 261,875	11 152,177	8,838	8,368
62	71	76 437	1 152,154	9 890,302	8,584	8,115
63	72	74 499	1 049,478	8 738,148	8,326	7,857
64	73	72 466	954,055	7 688,670	8,059	7,589
65	74	70 326	865,302	6 734,616	7,783	7,313
66	75	68 060	782,644	5 869,313	7,499	7,030
67	76	65 671	705,768	5 086,670	7,207	6,738
68	77	63 085	633,616	4 380,902	6,914	6,445
69	78	60 391	566,880	3 747,286	6,610	6,141
70	79	57 483	504,282	3 180,406	6,307	5,837
71	80	54 345	445,564	2 676,124	6,006	5,537
72	81	50 983	390,655	2 230,560	5,710	5,240
73	82	47 462	339,884	1 839,905	5,413	4,944
74	83	43 797	293,122	1 500,021	5,117	4,648
75	84	39 978	250,056	1 206,898	4,827	4,357
76	85	36 022	210,570	956,842	4,544	4,075
77	86	31 989	174,762	746,272	4,270	3,801
78	87	27 942	142,668	571,511	4,006	3,536
79	88	23 953	114,301	428,842	3,752	3,282
80	89	20 095	89,614	314,541	3,510	3,040
81	90	16 441	68,523	224,927	3,283	2,813
82	91	13 076	50,936	156,404	3,071	2,601
83	92	10 074	36,674	105,469	2,876	2,406
84	93	7 491	25,485	68,795	2,699	2,230
85	94	5 359	17,040	43,310	2,542	2,072
86	95	3 658	10,870	26,271	2,417	1,947
87	96	2 417	6,713	15,401	2,294	1,824
88	97	1 531	3,974	8,687	2,186	1,717
89	98	944	2,289	4,713	2,059	1,590
90	99	549	1,246	2,424	1,946	1,477
91	100	302	0,639	1,179	1,843	1,374

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 491 933,392	14,978	14,509
1	11	99 247	92 754,278	1 392 327,171	15,011	14,541
2	12	99 213	86 656,173	1 299 572,892	14,997	14,527
3	13	99 189	80 968,040	1 212 916,719	14,980	14,511
4	14	99 168	75 654,837	1 131 948,680	14,962	14,492
5	15	99 146	70 689,836	1 056 293,843	14,943	14,473
6	16	99 124	66 050,777	985 604,007	14,922	14,452
7	17	99 100	61 714,588	919 553,229	14,900	14,431
8	18	99 077	57 663,884	857 838,642	14,877	14,407
9	19	99 049	53 876,117	800 174,758	14,852	14,383
10	20	99 022	50 337,744	746 298,641	14,826	14,356
11	21	98 996	47 032,292	695 960,897	14,798	14,328
12	22	98 971	43 944,211	648 928,606	14,767	14,298
13	23	98 946	41 059,032	604 984,395	14,735	14,265
14	24	98 915	38 360,931	563 925,363	14,701	14,231
15	25	98 886	35 840,929	525 564,432	14,664	14,194
16	26	98 853	33 484,916	489 723,503	14,625	14,156
17	27	98 808	31 280,166	456 238,587	14,586	14,116
18	28	98 758	29 218,845	424 958,420	14,544	14,074
19	29	98 695	27 290,056	395 739,575	14,501	14,032
20	30	98 628	25 487,478	368 449,519	14,456	13,987
21	31	98 555	23 802,267	342 962,041	14,409	13,939
22	32	98 479	22 228,064	319 159,774	14,358	13,889
23	33	98 401	20 757,316	296 931,711	14,305	13,835
24	34	98 320	19 383,548	276 174,395	14,248	13,778
25	35	98 235	18 099,627	256 790,847	14,188	13,718
26	36	98 148	16 900,595	238 691,221	14,123	13,654
27	37	98 055	15 780,063	221 790,625	14,055	13,586
28	38	97 958	14 733,156	206 010,562	13,983	13,513
29	39	97 851	13 754,153	191 277,406	13,907	13,437
30	40	97 736	12 839,335	177 523,254	13,827	13,357
31	41	97 614	11 984,326	164 683,919	13,742	13,272
32	42	97 472	11 184,057	152 699,593	13,653	13,184
33	43	97 323	10 436,400	141 515,536	13,560	13,090
34	44	97 166	9 737,948	131 079,136	13,461	12,991
35	45	96 989	9 084,281	121 341,189	13,357	12,888
36	46	96 795	8 473,013	112 256,907	13,249	12,779
37	47	96 587	7 901,632	103 783,894	13,134	12,665
38	48	96 358	7 367,207	95 882,262	13,015	12,545
39	49	96 103	6 867,013	88 515,055	12,890	12,420
40	50	95 824	6 399,152	81 648,042	12,759	12,290
41	51	95 515	5 961,229	75 248,890	12,623	12,154
42	52	95 178	5 551,574	69 287,661	12,481	12,011
43	53	94 802	5 167,936	63 736,088	12,333	11,863
44	54	94 389	4 808,758	58 568,152	12,179	11,710
45	55	93 935	4 472,595	53 759,394	12,020	11,550
46	56	93 433	4 157,629	49 286,799	11,855	11,385
47	57	92 891	3 863,114	45 129,171	11,682	11,213
48	58	92 290	3 587,035	41 266,057	11,504	11,035
49	59	91 628	3 328,289	37 679,022	11,321	10,851
50	60	90 898	3 085,785	34 350,734	11,132	10,662
51	61	90 090	2 858,274	31 264,949	10,938	10,469
52	62	89 240	2 646,082	28 406,675	10,735	10,266
53	63	88 305	2 447,069	25 760,594	10,527	10,058
54	64	87 286	2 260,593	23 313,525	10,313	9,843
55	65	86 167	2 085,617	21 052,931	10,094	9,625
56	66	84 951	1 921,670	18 967,314	9,870	9,401
57	67	83 634	1 768,105	17 045,644	9,641	9,171
58	68	82 199	1 624,076	15 277,539	9,407	8,937
59	69	80 672	1 489,643	13 653,464	9,166	8,696
60	70	79 033	1 363,902	12 163,820	8,918	8,449
61	71	77 286	1 246,501	10 799,919	8,664	8,195
62	72	75 414	1 136,726	9 553,417	8,404	7,935
63	73	73 426	1 034,356	8 416,691	8,137	7,668
64	74	71 344	939,283	7 382,336	7,860	7,390
65	75	69 122	850,498	6 443,053	7,576	7,106
66	76	66 762	767,721	5 592,554	7,285	6,815
67	77	64 238	690,364	4 824,834	6,989	6,519
68	78	61 542	618,123	4 134,470	6,689	6,219
69	79	58 694	550,951	3 516,347	6,382	5,913
70	80	55 590	487,680	2 965,397	6,081	5,611
71	81	52 258	428,451	2 477,717	5,783	5,313
72	82	48 737	373,441	2 049,266	5,488	5,018
73	83	45 073	322,774	1 675,825	5,192	4,722
74	84	41 254	276,097	1 353,051	4,901	4,431
75	85	37 291	233,247	1 076,954	4,617	4,148
76	86	33 240	194,309	843,706	4,342	3,873
77	87	29 145	159,224	649,397	4,079	3,609
78	88	25 115	128,232	490,173	3,823	3,353
79	89	21 203	101,176	361,941	3,577	3,108
80	90	17 464	77,882	260,765	3,348	2,879
81	91	14 009	58,386	182,883	3,132	2,663
82	92	10 888	42,412	124,497	2,935	2,466
83	93	8 185	29,795	82,085	2,755	2,285
84	94	5 924	20,153	52,290	2,595	2,125
85	95	4 099	13,032	32,136	2,466	1,996
86	96	2 747	8,163	19,104	2,340	1,871
87	97	1 766	4,904	10,941	2,231	1,761
88	98	1 107	2,873	6,037	2,101	1,632
89	99	656	1,591	3,164	1,988	1,518
90	100	368	0,834	1,572	1,885	1,416

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 490 895,395	14,969	14,499
1	12	99 240	92 747,370	1 391 295,076	15,001	14,531
2	13	99 205	86 649,317	1 298 547,706	14,986	14,517
3	14	99 181	80 961,099	1 211 898,389	14,969	14,499
4	15	99 158	75 646,898	1 130 937,290	14,950	14,481
5	16	99 134	70 680,993	1 055 290,392	14,930	14,461
6	17	99 110	66 041,458	984 609,399	14,909	14,439
7	18	99 086	61 705,551	918 567,942	14,886	14,417
8	19	99 057	57 652,141	856 862,390	14,863	14,393
9	20	99 030	53 865,717	799 210,249	14,837	14,368
10	21	99 004	50 328,423	745 344,532	14,810	14,340
11	22	98 980	47 024,505	695 016,109	14,780	14,310
12	23	98 954	43 936,607	647 991,604	14,748	14,279
13	24	98 924	41 050,122	604 054,997	14,715	14,246
14	25	98 898	38 354,427	563 004,875	14,679	14,209
15	26	98 868	35 834,246	524 650,448	14,641	14,172
16	27	98 834	33 478,401	488 816,202	14,601	14,131
17	28	98 787	31 273,334	455 337,801	14,560	14,090
18	29	98 733	29 211,558	424 064,467	14,517	14,047
19	30	98 670	27 282,994	394 852,909	14,472	14,003
20	31	98 599	25 479,910	367 569,915	14,426	13,956
21	32	98 523	23 794,669	342 090,005	14,377	13,907
22	33	98 445	22 220,349	318 295,336	14,324	13,855
23	34	98 366	20 749,925	296 074,987	14,269	13,799
24	35	98 282	19 375,967	275 325,062	14,210	13,740
25	36	98 195	18 092,342	255 949,095	14,147	13,677
26	37	98 102	16 892,671	237 856,753	14,080	13,611
27	38	98 010	15 772,801	220 964,082	14,009	13,540
28	39	97 901	14 724,528	205 191,281	13,935	13,466
29	40	97 792	13 745,959	190 466,754	13,856	13,387
30	41	97 670	12 830,621	176 720,795	13,773	13,304
31	42	97 539	11 975,184	163 890,174	13,686	13,216
32	43	97 391	11 174,776	151 914,990	13,594	13,125
33	44	97 235	10 427,008	140 740,214	13,498	13,028
34	45	97 067	9 728,014	130 313,206	13,396	12,926
35	46	96 881	9 074,180	120 585,192	13,289	12,819
36	47	96 672	8 462,255	111 511,012	13,177	12,708
37	48	96 448	7 890,305	103 048,757	13,060	12,591
38	49	96 204	7 355,423	95 158,452	12,937	12,468
39	50	95 929	6 854,573	87 803,029	12,809	12,340
40	51	95 635	6 386,541	80 948,456	12,675	12,205
41	52	95 304	5 948,062	74 561,915	12,535	12,066
42	53	94 944	5 537,943	68 613,853	12,390	11,920
43	54	94 543	5 153,811	63 075,910	12,239	11,769
44	55	94 104	4 794,285	57 922,099	12,081	11,612
45	56	93 624	4 457,776	53 127,814	11,918	11,448
46	57	93 095	4 142,583	48 670,038	11,749	11,279
47	58	92 520	3 847,691	44 527,456	11,573	11,103
48	59	91 883	3 571,214	40 679,764	11,391	10,922
49	60	91 185	3 312,213	37 108,551	11,204	10,734
50	61	90 408	3 069,149	33 796,338	11,012	10,542
51	62	89 586	2 842,281	30 727,188	10,811	10,341
52	63	88 698	2 630,002	27 884,907	10,603	10,133
53	64	87 724	2 430,956	25 254,905	10,389	9,919
54	65	86 650	2 244,120	22 823,948	10,171	9,701
55	66	85 477	2 068,907	20 579,829	9,947	9,478
56	67	84 209	1 904,883	18 510,922	9,718	9,248
57	68	82 823	1 750,964	16 606,039	9,484	9,014
58	69	81 359	1 607,486	14 855,075	9,241	8,772
59	70	79 771	1 473,001	13 247,588	8,994	8,524
60	71	78 070	1 347,285	11 774,588	8,739	8,270
61	72	76 252	1 229,810	10 427,303	8,479	8,009
62	73	74 327	1 120,347	9 197,493	8,210	7,740
63	74	72 289	1 018,341	8 077,146	7,932	7,462
64	75	70 124	923,214	7 058,806	7,646	7,176
65	76	67 804	834,281	6 135,592	7,354	6,885
66	77	65 305	750,964	5 301,311	7,059	6,590
67	78	62 667	673,483	4 550,346	6,756	6,287
68	79	59 813	600,753	3 876,863	6,453	5,984
69	80	56 762	532,812	3 276,110	6,149	5,679
70	81	53 455	468,949	2 743,298	5,850	5,380
71	82	49 955	409,572	2 274,350	5,553	5,083
72	83	46 283	354,642	1 864,777	5,258	4,789
73	84	42 455	304,027	1 510,136	4,967	4,498
74	85	38 480	257,538	1 206,109	4,683	4,214
75	86	34 411	215,236	948,571	4,407	3,938
76	87	30 285	177,034	733,336	4,142	3,673
77	88	26 196	143,112	556,302	3,887	3,418
78	89	22 231	113,508	413,190	3,640	3,171
79	90	18 427	87,931	299,682	3,408	2,939
80	91	14 880	66,360	211,752	3,191	2,721
81	92	11 664	48,616	145,391	2,991	2,521
82	93	8 846	34,457	96,776	2,809	2,339
83	94	6 472	23,562	62,318	2,645	2,175
84	95	4 531	15,414	38,756	2,514	2,045
85	96	3 078	9,787	23,342	2,385	1,916
86	97	2 007	5,963	13,555	2,273	1,804
87	98	1 277	3,546	7,592	2,141	1,672
88	99	770	1,997	4,046	2,026	1,556
89	100	439	1,065	2,049	1,923	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 489 777,113	14,959	14,489
1	13	99 232	92 740,032	1 390 184,212	14,990	14,521
2	14	99 196	86 641,890	1 297 444,181	14,975	14,505
3	15	99 170	80 952,603	1 210 802,291	14,957	14,487
4	16	99 145	75 637,435	1 129 849,688	14,938	14,468
5	17	99 120	70 671,019	1 054 212,253	14,917	14,448
6	18	99 096	66 031,788	983 541,234	14,895	14,425
7	19	99 065	61 692,986	917 509,446	14,872	14,403
8	20	99 038	57 641,013	855 816,460	14,847	14,378
9	21	99 012	53 855,743	798 175,447	14,821	14,351
10	22	98 987	50 320,090	744 319,704	14,792	14,322
11	23	98 962	47 016,368	693 999,614	14,761	14,291
12	24	98 932	43 927,073	646 983,246	14,729	14,259
13	25	98 908	41 043,161	603 056,173	14,693	14,224
14	26	98 880	38 347,275	562 013,012	14,656	14,186
15	27	98 849	35 827,274	523 665,737	14,616	14,147
16	28	98 812	33 471,088	487 838,463	14,575	14,105
17	29	98 762	31 265,535	454 367,375	14,533	14,063
18	30	98 708	29 203,999	423 101,840	14,488	14,018
19	31	98 640	27 274,893	393 897,841	14,442	13,972
20	32	98 568	25 471,777	366 622,949	14,393	13,924
21	33	98 489	23 786,411	341 151,172	14,342	13,873
22	34	98 410	22 212,438	317 364,760	14,288	13,818
23	35	98 327	20 741,809	295 152,323	14,230	13,760
24	36	98 242	19 368,168	274 410,513	14,168	13,699
25	37	98 149	18 083,859	255 042,345	14,103	13,634
26	38	98 057	16 884,897	236 958,486	14,034	13,564
27	39	97 953	15 763,563	220 073,589	13,961	13,491
28	40	97 843	14 715,756	204 310,026	13,884	13,414
29	41	97 726	13 736,630	189 594,269	13,802	13,333
30	42	97 595	12 820,833	175 857,640	13,717	13,247
31	43	97 458	11 965,247	163 036,807	13,626	13,156
32	44	97 304	11 164,720	151 071,560	13,531	13,062
33	45	97 136	10 416,372	139 906,841	13,431	12,962
34	46	96 959	9 717,197	129 490,469	13,326	12,856
35	47	96 758	9 062,658	119 773,272	13,216	12,747
36	48	96 534	8 450,124	110 710,613	13,102	12,632
37	49	96 294	7 877,684	102 260,490	12,981	12,512
38	50	96 029	7 342,099	94 382,806	12,855	12,386
39	51	95 739	6 841,065	87 040,707	12,723	12,254
40	52	95 424	6 372,435	80 199,642	12,585	12,116
41	53	95 070	5 933,458	73 827,207	12,443	11,973
42	54	94 684	5 522,807	67 893,749	12,293	11,824
43	55	94 259	5 138,300	62 370,943	12,138	11,669
44	56	93 793	4 778,400	57 232,643	11,977	11,508
45	57	93 285	4 441,643	52 454,243	11,810	11,340
46	58	92 723	4 126,044	48 012,600	11,636	11,167
47	59	92 112	3 830,721	43 886,555	11,456	10,987
48	60	91 440	3 553,965	40 055,834	11,271	10,801
49	61	90 693	3 294,357	36 501,870	11,080	10,611
50	62	89 902	3 051,977	33 207,513	10,881	10,411
51	63	89 042	2 825,010	30 155,536	10,674	10,205
52	64	88 114	2 612,685	27 330,526	10,461	9,991
53	65	87 085	2 413,241	24 717,841	10,243	9,773
54	66	85 956	2 226,139	22 304,600	10,019	9,550
55	67	84 730	2 050,834	20 078,460	9,790	9,321
56	68	83 393	1 886,417	18 027,626	9,557	9,087
57	69	81 977	1 733,078	16 141,210	9,314	8,844
58	70	80 450	1 589,527	14 408,131	9,064	8,595
59	71	78 799	1 455,054	12 818,604	8,810	8,340
60	72	77 025	1 329,244	11 363,550	8,549	8,079
61	73	75 153	1 212,089	10 034,306	8,279	7,809
62	74	73 176	1 103,000	8 822,216	7,998	7,529
63	75	71 052	1 000,919	7 719,216	7,712	7,243
64	76	68 786	905,610	6 718,297	7,419	6,949
65	77	66 325	816,072	5 812,687	7,123	6,653
66	78	63 708	732,602	4 996,615	6,820	6,351
67	79	60 906	654,558	4 264,013	6,514	6,045
68	80	57 843	580,975	3 609,455	6,213	5,743
69	81	54 581	512,347	3 028,481	5,911	5,441
70	82	51 100	448,286	2 516,133	5,613	5,143
71	83	47 440	388,954	2 067,847	5,316	4,847
72	84	43 595	334,043	1 678,894	5,026	4,556
73	85	39 601	283,590	1 344,850	4,742	4,273
74	86	35 509	237,650	1 061,260	4,466	3,996
75	87	31 352	196,100	823,610	4,200	3,730
76	88	27 220	159,120	627,511	3,944	3,474
77	89	23 188	126,679	468,391	3,697	3,228
78	90	19 321	98,647	341,712	3,464	2,994
79	91	15 701	74,922	243,064	3,244	2,775
80	92	12 390	55,256	168,142	3,043	2,573
81	93	9 477	39,497	112,886	2,858	2,389
82	94	6 996	27,249	73,389	2,693	2,224
83	95	4 950	18,021	46,140	2,560	2,091
84	96	3 402	11,575	28,119	2,429	1,960
85	97	2 248	7,149	16,543	2,314	1,844
86	98	1 451	4,311	9,394	2,179	1,709
87	99	888	2,465	5,083	2,062	1,592
88	100	515	1,337	2,618	1,957	1,488

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 488 574,433	14,948	14,478
1	14	99 223	92 732,082	1 388 989,411	14,979	14,509
2	15	99 186	86 632,798	1 296 257,329	14,963	14,493
3	16	99 158	80 942,476	1 209 624,531	14,944	14,475
4	17	99 131	75 626,762	1 128 682,055	14,924	14,455
5	18	99 105	70 660,672	1 053 055,293	14,903	14,433
6	19	99 076	66 018,341	982 394,621	14,881	14,411
7	20	99 046	61 681,077	916 376,280	14,857	14,387
8	21	99 020	57 630,340	854 695,203	14,831	14,361
9	22	98 995	53 846,827	797 064,863	14,802	14,333
10	23	98 970	50 311,383	743 218,036	14,772	14,303
11	24	98 941	47 006,166	692 906,654	14,741	14,271
12	25	98 915	43 919,624	645 900,488	14,706	14,237
13	26	98 889	41 035,509	601 980,864	14,670	14,200
14	27	98 861	38 339,814	560 945,355	14,631	14,161
15	28	98 827	35 819,448	522 605,541	14,590	14,120
16	29	98 787	33 462,741	486 786,093	14,547	14,078
17	30	98 736	31 257,444	453 323,352	14,503	14,033
18	31	98 678	29 195,327	422 065,909	14,457	13,987
19	32	98 609	27 266,187	392 870,582	14,409	13,939
20	33	98 534	25 462,937	365 604,395	14,358	13,889
21	34	98 454	23 777,942	340 141,458	14,305	13,835
22	35	98 372	22 203,750	316 363,516	14,248	13,779
23	36	98 288	20 733,461	294 159,766	14,188	13,718
24	37	98 196	19 359,088	273 426,305	14,124	13,654
25	38	98 104	18 075,537	254 067,217	14,056	13,586
26	39	97 999	16 875,008	235 991,680	13,985	13,515
27	40	97 894	15 754,173	219 116,672	13,908	13,439
28	41	97 776	14 705,769	203 362,500	13,829	13,359
29	42	97 651	13 726,151	188 656,731	13,744	13,275
30	43	97 514	12 810,194	174 930,580	13,656	13,186
31	44	97 371	11 954,479	162 120,386	13,561	13,092
32	45	97 204	11 153,331	150 165,908	13,464	12,994
33	46	97 028	10 404,789	139 012,576	13,360	12,891
34	47	96 836	9 704,859	128 607,787	13,252	12,782
35	48	96 619	9 049,666	118 902,928	13,139	12,669
36	49	96 379	8 436,607	109 853,262	13,021	12,552
37	50	96 119	7 863,414	101 416,655	12,897	12,428
38	51	95 840	7 327,630	93 553,241	12,767	12,298
39	52	95 528	6 825,955	86 225,611	12,632	12,163
40	53	95 189	6 356,788	79 399,656	12,491	12,021
41	54	94 810	5 917,241	73 042,867	12,344	11,875
42	55	94 399	5 506,185	67 125,627	12,191	11,721
43	56	93 946	5 121,275	61 619,442	12,032	11,563
44	57	93 453	4 761,107	56 498,167	11,867	11,397
45	58	92 913	4 423,911	51 737,060	11,695	11,225
46	59	92 314	4 107,846	47 313,149	11,518	11,048
47	60	91 667	3 812,219	43 205,302	11,333	10,864
48	61	90 947	3 534,805	39 393,084	11,144	10,675
49	62	90 186	3 275,924	35 858,278	10,946	10,476
50	63	89 356	3 033,431	32 582,354	10,741	10,272
51	64	88 455	2 806,409	29 548,923	10,529	10,060
52	65	87 472	2 593,646	26 742,514	10,311	9,841
53	66	86 387	2 393,906	24 148,868	10,088	9,618
54	67	85 205	2 206,693	21 754,962	9,859	9,389
55	68	83 909	2 030,953	19 548,269	9,625	9,156
56	69	82 541	1 867,147	17 517,317	9,382	8,912
57	70	81 061	1 713,716	15 650,170	9,132	8,663
58	71	79 470	1 570,161	13 936,454	8,876	8,406
59	72	77 744	1 435,571	12 366,293	8,614	8,145
60	73	75 915	1 310,090	10 930,722	8,343	7,874
61	74	73 989	1 193,323	9 620,631	8,062	7,593
62	75	71 924	1 084,130	8 427,309	7,773	7,304
63	76	69 697	981,834	7 343,179	7,479	7,010
64	77	67 285	885,844	6 361,345	7,181	6,712
65	78	64 703	796,118	5 475,501	6,878	6,408
66	79	61 918	712,015	4 679,383	6,572	6,103
67	80	58 901	633,008	3 967,368	6,267	5,798
68	81	55 622	558,661	3 334,360	5,968	5,499
69	82	52 176	489,772	2 775,699	5,667	5,198
70	83	48 527	425,718	2 285,927	5,370	4,900
71	84	44 685	366,362	1 860,209	5,078	4,608
72	85	40 664	311,589	1 493,846	4,794	4,325
73	86	36 543	261,691	1 182,258	4,518	4,048
74	87	32 352	216,521	920,567	4,252	3,782
75	88	28 179	176,256	704,046	3,994	3,525
76	89	24 095	140,849	527,789	3,747	3,278
77	90	20 152	110,095	386,941	3,515	3,045
78	91	16 462	84,054	276,846	3,294	2,824
79	92	13 074	62,385	192,792	3,090	2,621
80	93	10 066	44,892	130,407	2,905	2,435
81	94	7 494	31,235	85,515	2,738	2,268
82	95	5 350	20,841	54,280	2,605	2,135
83	96	3 718	13,533	33,439	2,471	2,001
84	97	2 485	8,456	19,906	2,354	1,885
85	98	1 626	5,169	11,450	2,215	1,746
86	99	1 009	2,997	6,282	2,096	1,626
87	100	594	1,650	3,284	1,990	1,521

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 487 281,847	14,936	14,467
1	15	99 213	92 722,351	1 387 705,361	14,966	14,497
2	16	99 173	86 621,960	1 294 983,010	14,950	14,480
3	17	99 144	80 931,055	1 208 361,050	14,931	14,461
4	18	99 117	75 615,689	1 127 429,995	14,910	14,440
5	19	99 085	70 646,282	1 051 814,307	14,888	14,419
6	20	99 057	66 005,598	981 168,024	14,865	14,395
7	21	99 028	61 669,656	915 162,426	14,840	14,370
8	22	99 003	57 620,799	853 492,770	14,812	14,343
9	23	98 978	53 837,509	795 871,972	14,783	14,313
10	24	98 949	50 300,466	742 034,463	14,752	14,283
11	25	98 924	46 998,195	691 733,997	14,718	14,249
12	26	98 897	43 911,435	644 735,802	14,683	14,213
13	27	98 870	41 027,524	600 824,367	14,644	14,175
14	28	98 839	38 331,439	559 796,843	14,604	14,135
15	29	98 802	35 810,515	521 465,404	14,562	14,092
16	30	98 762	33 454,081	485 654,889	14,517	14,048
17	31	98 707	31 248,162	452 200,808	14,471	14,002
18	32	98 647	29 186,008	420 952,645	14,423	13,954
19	33	98 575	27 256,724	391 766,637	14,373	13,904
20	34	98 498	25 453,871	364 509,913	14,320	13,851
21	35	98 416	23 768,642	339 056,042	14,265	13,795
22	36	98 332	22 194,814	315 287,400	14,205	13,736
23	37	98 242	20 723,740	293 092,586	14,143	13,673
24	38	98 151	19 350,178	272 368,846	14,076	13,606
25	39	98 046	18 064,950	253 018,668	14,006	13,537
26	40	97 941	16 864,956	234 953,718	13,931	13,462
27	41	97 828	15 743,480	218 088,762	13,853	13,383
28	42	97 702	14 694,550	202 345,282	13,770	13,301
29	43	97 570	13 714,761	187 650,731	13,682	13,213
30	44	97 427	12 798,666	173 935,971	13,590	13,121
31	45	97 271	11 942,285	161 137,305	13,493	13,023
32	46	97 096	11 140,929	149 195,021	13,392	12,922
33	47	96 905	10 391,578	138 054,091	13,285	12,816
34	48	96 697	9 690,947	127 662,514	13,173	12,704
35	49	96 465	9 035,191	117 971,567	13,057	12,587
36	50	96 205	8 421,325	108 936,376	12,936	12,466
37	51	95 930	7 847,918	100 515,051	12,808	12,338
38	52	95 628	7 311,445	92 667,134	12,674	12,205
39	53	95 293	6 809,195	85 355,689	12,535	12,066
40	54	94 929	6 339,414	78 546,494	12,390	11,921
41	55	94 525	5 899,432	72 207,079	12,240	11,770
42	56	94 087	5 487,941	66 307,647	12,082	11,613
43	57	93 606	5 102,741	60 819,706	11,919	11,450
44	58	93 080	4 742,100	55 716,965	11,749	11,280
45	59	92 503	4 404,399	50 974,865	11,574	11,104
46	60	91 868	4 088,005	46 570,466	11,392	10,922
47	61	91 173	3 791,667	42 482,461	11,204	10,735
48	62	90 438	3 515,028	38 690,794	11,007	10,538
49	63	89 638	3 256,018	35 175,766	10,803	10,334
50	64	88 768	3 013,458	31 919,749	10,592	10,123
51	65	87 811	2 785,957	28 906,291	10,376	9,906
52	66	86 771	2 572,865	26 120,333	10,152	9,683
53	67	85 632	2 372,994	23 547,468	9,923	9,454
54	68	84 379	2 185,301	21 174,474	9,690	9,220
55	69	83 052	2 010,207	18 989,174	9,446	8,977
56	70	81 619	1 846,287	16 978,967	9,196	8,727
57	71	80 074	1 692,837	15 132,680	8,939	8,470
58	72	78 406	1 549,136	13 439,843	8,676	8,206
59	73	76 624	1 414,885	11 890,707	8,404	7,934
60	74	74 740	1 289,807	10 475,822	8,122	7,652
61	75	72 723	1 172,907	9 186,015	7,832	7,362
62	76	70 553	1 063,458	8 013,108	7,535	7,065
63	77	68 176	960,404	6 949,650	7,236	6,767
64	78	65 640	864,184	5 989,246	6,931	6,461
65	79	62 885	773,747	5 125,062	6,624	6,154
66	80	59 880	688,574	4 351,315	6,319	5,850
67	81	56 639	608,695	3 662,742	6,017	5,548
68	82	53 171	534,045	3 054,047	5,719	5,249
69	83	49 550	465,116	2 520,002	5,418	4,948
70	84	45 709	400,992	2 054,886	5,125	4,655
71	85	41 681	341,735	1 653,894	4,840	4,370
72	86	37 524	287,527	1 312,159	4,564	4,094
73	87	33 294	238,424	1 024,631	4,298	3,828
74	88	29 078	194,611	786,207	4,040	3,570
75	89	24 943	156,018	591,595	3,792	3,322
76	90	20 940	122,409	435,578	3,558	3,089
77	91	17 171	93,808	313,169	3,338	2,869
78	92	13 708	69,989	219,361	3,134	2,665
79	93	10 622	50,684	149,373	2,947	2,478
80	94	7 961	35,501	98,688	2,780	2,310
81	95	5 732	23,889	63,187	2,645	2,176
82	96	4 018	15,651	39,298	2,511	2,041
83	97	2 716	9,886	23,648	2,392	1,922
84	98	1 797	6,113	13,761	2,251	1,782
85	99	1 130	3,594	7,648	2,128	1,659
86	100	675	2,007	4,055	2,021	1,551

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 485 893,692	14,924	14,454
1	16	99 201	92 710,752	1 386 327,656	14,953	14,484
2	17	99 159	86 609,737	1 293 616,904	14,936	14,467
3	18	99 130	80 919,205	1 207 007,167	14,916	14,447
4	19	99 097	75 600,290	1 126 087,962	14,895	14,426
5	20	99 066	70 632,646	1 050 487,672	14,873	14,403
6	21	99 038	65 993,376	979 855,026	14,848	14,378
7	22	99 012	61 659,446	913 861,650	14,821	14,352
8	23	98 986	57 610,828	852 202,204	14,792	14,323
9	24	98 957	53 825,827	794 591,376	14,762	14,293
10	25	98 932	50 291,936	740 765,549	14,729	14,260
11	26	98 906	46 989,432	690 473,613	14,694	14,225
12	27	98 878	43 902,891	643 484,181	14,657	14,187
13	28	98 848	41 018,563	599 581,290	14,617	14,148
14	29	98 814	38 321,880	558 562,728	14,576	14,106
15	30	98 777	35 801,248	520 240,848	14,531	14,062
16	31	98 733	33 444,148	484 439,600	14,485	14,016
17	32	98 676	31 238,188	450 995,453	14,437	13,968
18	33	98 612	29 175,879	419 757,265	14,387	13,918
19	34	98 540	27 247,019	390 581,385	14,335	13,865
20	35	98 460	25 443,916	363 334,366	14,280	13,810
21	36	98 376	23 759,076	337 890,450	14,222	13,752
22	37	98 286	22 184,408	314 131,375	14,160	13,690
23	38	98 196	20 714,203	291 946,967	14,094	13,625
24	39	98 094	19 338,845	271 232,764	14,025	13,556
25	40	97 988	18 054,189	251 893,919	13,952	13,483
26	41	97 874	16 853,509	233 839,730	13,875	13,405
27	42	97 753	15 731,470	216 986,220	13,793	13,324
28	43	97 621	14 682,357	201 254,750	13,707	13,238
29	44	97 483	13 702,418	186 572,394	13,616	13,147
30	45	97 327	12 785,611	172 869,975	13,521	13,051
31	46	97 163	11 929,005	160 084,365	13,420	12,950
32	47	96 973	11 126,783	148 155,360	13,315	12,846
33	48	96 766	10 376,681	137 028,576	13,205	12,736
34	49	96 543	9 675,445	126 651,895	13,090	12,621
35	50	96 290	9 018,824	116 976,450	12,970	12,501
36	51	96 015	8 404,729	107 957,626	12,845	12,375
37	52	95 718	7 830,583	99 552,897	12,713	12,244
38	53	95 394	7 293,493	91 722,314	12,576	12,106
39	54	95 033	6 790,585	84 428,820	12,433	11,964
40	55	94 644	6 320,335	77 638,236	12,284	11,814
41	56	94 211	5 879,885	71 317,901	12,129	11,660
42	57	93 746	5 468,081	65 438,016	11,967	11,498
43	58	93 233	5 082,370	59 969,935	11,800	11,330
44	59	92 670	4 721,184	54 887,565	11,626	11,156
45	60	92 056	4 383,126	50 166,381	11,445	10,976
46	61	91 373	4 065,967	45 783,255	11,260	10,791
47	62	90 663	3 770,452	41 717,288	11,064	10,595
48	63	89 888	3 493,668	37 946,836	10,862	10,392
49	64	89 048	3 234,579	34 453,168	10,652	10,182
50	65	88 121	2 991,498	31 218,589	10,436	9,966
51	66	87 107	2 763,636	28 227,092	10,214	9,744
52	67	86 013	2 550,390	25 463,456	9,984	9,515
53	68	84 802	2 349,989	22 913,066	9,750	9,281
54	69	83 517	2 162,978	20 563,076	9,507	9,037
55	70	82 124	1 987,748	18 400,098	9,257	8,787
56	71	80 625	1 823,793	16 412,350	8,999	8,530
57	72	79 002	1 670,169	14 588,557	8,735	8,265
58	73	77 276	1 526,814	12 918,388	8,461	7,991
59	74	75 438	1 392,979	11 391,574	8,178	7,708
60	75	73 461	1 267,740	9 998,595	7,887	7,417
61	76	71 337	1 150,543	8 730,855	7,588	7,119
62	77	69 013	1 040,247	7 580,312	7,287	6,818
63	78	66 509	936,920	6 540,065	6,980	6,511
64	79	63 795	839,900	5 603,145	6,671	6,202
65	80	60 814	748,272	4 763,245	6,366	5,896
66	81	57 580	662,127	4 014,973	6,064	5,594
67	82	54 143	581,875	3 352,846	5,762	5,293
68	83	50 494	507,160	2 770,971	5,464	4,994
69	84	46 672	438,101	2 263,811	5,167	4,698
70	85	42 636	374,037	1 825,710	4,881	4,412
71	86	38 462	315,346	1 451,673	4,603	4,134
72	87	34 188	261,964	1 136,327	4,338	3,868
73	88	29 925	214,298	874,363	4,080	3,611
74	89	25 739	172,265	660,065	3,832	3,362
75	90	21 678	135,592	487,800	3,598	3,128
76	91	17 842	104,300	352,208	3,377	2,907
77	92	14 297	78,110	247,907	3,174	2,704
78	93	11 137	56,862	169,797	2,986	2,517
79	94	8 400	40,081	112,935	2,818	2,348
80	95	6 088	27,152	72,854	2,683	2,214
81	96	4 304	17,940	45,702	2,548	2,078
82	97	2 935	11,433	27,762	2,428	1,959
83	98	1 963	7,147	16,329	2,285	1,815
84	99	1 249	4,250	9,182	2,160	1,691
85	100	757	2,406	4,932	2,050	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 484 405,270	14,911	14,441
1	17	99 187	92 697,670	1 384 851,690	14,939	14,470
2	18	99 145	86 597,056	1 292 154,020	14,921	14,452
3	19	99 109	80 902,727	1 205 556,964	14,901	14,432
4	20	99 077	75 585,698	1 124 654,237	14,879	14,410
5	21	99 048	70 619,567	1 049 068,540	14,855	14,386
6	22	99 022	65 982,450	978 448,973	14,829	14,359
7	23	98 994	61 648,776	912 466,523	14,801	14,332
8	24	98 965	57 598,327	850 817,746	14,772	14,302
9	25	98 940	53 816,700	793 219,420	14,739	14,270
10	26	98 913	50 282,559	739 402,720	14,705	14,235
11	27	98 887	46 980,289	689 120,161	14,668	14,199
12	28	98 856	43 893,301	642 139,872	14,630	14,160
13	29	98 824	41 008,333	598 246,571	14,588	14,119
14	30	98 789	38 311,963	557 238,238	14,545	14,075
15	31	98 747	35 790,617	518 926,276	14,499	14,029
16	32	98 701	33 433,472	483 135,658	14,451	13,981
17	33	98 641	31 227,347	449 702,186	14,401	13,931
18	34	98 577	29 165,491	418 474,839	14,348	13,879
19	35	98 501	27 236,363	389 309,348	14,294	13,824
20	36	98 420	25 433,675	362 072,985	14,236	13,766
21	37	98 330	23 747,936	336 639,310	14,176	13,706
22	38	98 241	22 174,198	312 891,374	14,111	13,641
23	39	98 139	20 702,071	290 717,176	14,043	13,573
24	40	98 035	19 327,325	270 015,105	13,971	13,501
25	41	97 921	18 041,936	250 687,780	13,895	13,425
26	42	97 800	16 840,653	232 645,844	13,815	13,345
27	43	97 672	15 718,416	215 805,191	13,729	13,260
28	44	97 533	14 669,143	200 086,775	13,640	13,170
29	45	97 383	13 688,441	185 417,632	13,546	13,076
30	46	97 219	12 771,393	171 729,190	13,446	12,977
31	47	97 040	11 913,859	158 957,797	13,342	12,873
32	48	96 834	11 110,832	147 043,938	13,234	12,765
33	49	96 611	10 360,083	135 933,106	13,121	12,651
34	50	96 368	9 657,919	125 573,023	13,002	12,533
35	51	96 100	9 001,051	115 915,104	12,878	12,408
36	52	95 803	8 386,165	106 914,053	12,749	12,279
37	53	95 483	7 811,357	98 527,888	12,613	12,144
38	54	95 133	7 273,559	90 716,532	12,472	12,003
39	55	94 747	6 770,147	83 442,973	12,325	11,856
40	56	94 330	6 299,393	76 672,825	12,171	11,702
41	57	93 871	5 858,606	70 373,432	12,012	11,542
42	58	93 372	5 446,251	64 514,826	11,846	11,376
43	59	92 822	5 059,954	59 068,575	11,674	11,204
44	60	92 222	4 698,381	54 008,621	11,495	11,026
45	61	91 560	4 359,496	49 310,240	11,311	10,841
46	62	90 862	4 043,217	44 950,744	11,118	10,648
47	63	90 112	3 747,540	40 907,527	10,916	10,446
48	64	89 296	3 470,664	37 159,986	10,707	10,237
49	65	88 399	3 211,007	33 689,322	10,492	10,022
50	66	87 415	2 967,529	30 478,315	10,271	9,801
51	67	86 346	2 739,494	27 510,785	10,042	9,573
52	68	85 179	2 525,665	24 771,291	9,808	9,338
53	69	83 936	2 325,985	22 245,625	9,564	9,094
54	70	82 584	2 138,813	19 919,641	9,313	8,844
55	71	81 123	1 963,531	17 780,828	9,056	8,586
56	72	79 545	1 799,372	15 817,297	8,790	8,321
57	73	77 863	1 646,103	14 017,925	8,516	8,046
58	74	76 080	1 503,175	12 371,822	8,230	7,761
59	75	74 147	1 369,147	10 868,648	7,938	7,469
60	76	72 060	1 243,567	9 499,500	7,639	7,169
61	77	69 780	1 125,431	8 255,933	7,336	6,866
62	78	67 325	1 014,811	7 130,502	7,026	6,557
63	79	64 640	910,593	6 115,691	6,716	6,247
64	80	61 695	812,248	5 205,099	6,408	5,939
65	81	58 478	719,533	4 392,851	6,105	5,636
66	82	55 043	632,952	3 673,318	5,803	5,334
67	83	51 417	552,582	3 040,366	5,502	5,033
68	84	47 561	477,703	2 487,784	5,208	4,738
69	85	43 535	408,652	2 010,081	4,919	4,449
70	86	39 344	345,153	1 601,429	4,640	4,170
71	87	35 043	287,309	1 256,276	4,373	3,903
72	88	30 729	235,456	968,967	4,115	3,646
73	89	26 489	189,691	733,511	3,867	3,397
74	90	22 370	149,713	543,820	3,632	3,163
75	91	18 471	115,533	394,107	3,411	2,942
76	92	14 857	86,847	278,574	3,208	2,738
77	93	11 616	63,460	191,727	3,021	2,552
78	94	8 807	44,966	128,267	2,853	2,383
79	95	6 424	30,655	83,301	2,717	2,248
80	96	4 572	20,390	52,645	2,582	2,112
81	97	3 144	13,105	32,255	2,461	1,992
82	98	2 122	8,265	19,150	2,317	1,847
83	99	1 365	4,969	10,884	2,190	1,721
84	100	836	2,845	5,915	2,079	1,609

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 482 811,672	14,897	14,427
1	18	99 172	92 684,097	1 383 272,139	14,925	14,455
2	19	99 125	86 579,421	1 290 588,042	14,906	14,437
3	20	99 090	80 887,111	1 204 008,621	14,885	14,416
4	21	99 059	75 571,701	1 123 121,510	14,862	14,392
5	22	99 031	70 607,875	1 047 549,809	14,836	14,367
6	23	99 005	65 971,032	976 941,933	14,809	14,339
7	24	98 973	61 635,399	910 970,901	14,780	14,310
8	25	98 948	57 588,560	849 335,502	14,748	14,279
9	26	98 921	53 806,665	791 746,942	14,715	14,245
10	27	98 894	50 272,775	737 940,277	14,679	14,209
11	28	98 865	46 970,027	687 667,502	14,641	14,171
12	29	98 831	43 882,355	640 697,475	14,600	14,131
13	30	98 798	40 997,721	596 815,120	14,557	14,088
14	31	98 759	38 300,586	555 817,400	14,512	14,042
15	32	98 716	35 779,193	517 516,813	14,464	13,995
16	33	98 667	33 421,870	481 737,620	14,414	13,944
17	34	98 606	31 216,229	448 315,751	14,362	13,892
18	35	98 539	29 154,084	417 099,522	14,307	13,837
19	36	98 461	27 225,400	387 945,438	14,249	13,780
20	37	98 374	25 421,750	360 720,038	14,189	13,720
21	38	98 285	23 737,007	335 298,287	14,126	13,656
22	39	98 183	22 161,211	311 561,280	14,059	13,589
23	40	98 080	20 689,739	289 400,069	13,988	13,518
24	41	97 969	19 314,208	268 710,330	13,913	13,443
25	42	97 847	18 028,172	249 396,122	13,834	13,364
26	43	97 718	16 826,678	231 367,950	13,750	13,281
27	44	97 584	15 704,271	214 541,272	13,661	13,192
28	45	97 433	14 654,180	198 837,001	13,569	13,099
29	46	97 275	13 673,220	184 182,821	13,470	13,001
30	47	97 096	12 755,177	170 509,601	13,368	12,898
31	48	96 901	11 896,780	157 754,423	13,260	12,791
32	49	96 679	11 093,060	145 857,644	13,149	12,679
33	50	96 436	10 341,316	134 764,584	13,032	12,562
34	51	96 178	9 638,886	124 423,268	12,908	12,439
35	52	95 888	8 981,169	114 784,382	12,781	12,311
36	53	95 568	8 365,574	105 803,212	12,647	12,178
37	54	95 222	7 790,007	97 437,638	12,508	12,039
38	55	94 847	7 251,668	89 647,630	12,362	11,893
39	56	94 433	6 747,715	82 395,962	12,211	11,741
40	57	93 989	6 276,597	75 648,247	12,052	11,583
41	58	93 496	5 835,217	69 371,650	11,888	11,419
42	59	92 960	5 422,230	63 536,433	11,718	11,248
43	60	92 373	5 035,514	58 114,204	11,541	11,071
44	61	91 725	4 673,052	53 078,690	11,358	10,889
45	62	91 048	4 335,105	48 405,638	11,166	10,696
46	63	90 310	4 018,648	44 070,533	10,967	10,497
47	64	89 519	3 722,865	40 051,885	10,758	10,289
48	65	88 646	3 445,372	36 329,020	10,544	10,075
49	66	87 691	3 185,280	32 883,648	10,324	9,854
50	67	86 651	2 941,607	29 698,367	10,096	9,626
51	68	85 509	2 712,937	26 756,761	9,863	9,393
52	69	84 309	2 499,866	24 043,824	9,618	9,149
53	70	82 998	2 299,998	21 543,958	9,367	8,897
54	71	81 578	2 112,755	19 243,959	9,108	8,639
55	72	80 037	1 937,238	17 131,205	8,843	8,374
56	73	78 399	1 773,444	15 193,966	8,567	8,098
57	74	76 658	1 620,617	13 420,523	8,281	7,812
58	75	74 778	1 477,458	11 799,905	7,987	7,517
59	76	72 733	1 343,041	10 322,448	7,686	7,216
60	77	70 487	1 216,425	8 979,407	7,382	6,912
61	78	68 073	1 097,912	7 762,982	7,071	6,601
62	79	65 434	986,295	6 665,070	6,758	6,288
63	80	62 512	880,613	5 678,775	6,449	5,979
64	81	59 325	781,051	4 798,162	6,143	5,674
65	82	55 902	687,828	4 017,111	5,840	5,371
66	83	52 272	601,088	3 329,283	5,539	5,069
67	84	48 431	520,487	2 728,195	5,242	4,772
68	85	44 364	445,591	2 207,708	4,955	4,485
69	86	40 173	377,095	1 762,117	4,673	4,203
70	87	35 846	314,466	1 385,021	4,404	3,935
71	88	31 497	258,236	1 070,555	4,146	3,676
72	89	27 200	208,420	812,318	3,898	3,428
73	90	23 021	164,857	603,899	3,663	3,194
74	91	19 060	127,565	439,042	3,442	2,972
75	92	15 380	96,200	311,477	3,238	2,768
76	93	12 070	70,558	215,277	3,051	2,582
77	94	9 186	50,184	144,718	2,884	2,414
78	95	6 736	34,391	94,534	2,749	2,279
79	96	4 824	23,021	60,143	2,613	2,143
80	97	3 340	14,895	37,122	2,492	2,023
81	98	2 273	9,474	22,226	2,346	1,876
82	99	1 475	5,747	12,752	2,219	1,749
83	100	914	3,327	7,005	2,106	1,636

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 481 107,218	14,882	14,412
1	19	99 152	92 665,223	1 381 582,259	14,909	14,440
2	20	99 106	86 562,709	1 288 917,037	14,890	14,420
3	21	99 072	80 872,133	1 202 354,327	14,867	14,398
4	22	99 043	75 559,190	1 121 482,195	14,842	14,373
5	23	99 014	70 595,657	1 045 923,004	14,816	14,346
6	24	98 983	65 956,717	975 327,348	14,787	14,318
7	25	98 956	61 624,948	909 370,630	14,757	14,287
8	26	98 929	57 577,822	847 745,682	14,723	14,254
9	27	98 902	53 796,196	790 167,861	14,688	14,219
10	28	98 873	50 261,794	736 371,665	14,651	14,181
11	29	98 840	46 958,313	686 109,871	14,611	14,142
12	30	98 806	43 870,999	639 151,558	14,569	14,099
13	31	98 769	40 985,547	595 280,559	14,524	14,055
14	32	98 728	38 288,361	554 295,012	14,477	14,007
15	33	98 682	35 766,776	516 006,651	14,427	13,957
16	34	98 632	33 409,970	480 239,875	14,374	13,905
17	35	98 568	31 204,019	446 829,905	14,320	13,850
18	36	98 499	29 142,350	415 625,886	14,262	13,792
19	37	98 415	27 212,636	386 483,536	14,202	13,733
20	38	98 329	25 410,051	359 270,900	14,139	13,669
21	39	98 227	23 723,105	333 860,849	14,073	13,604
22	40	98 125	22 148,010	310 137,744	14,003	13,533
23	41	98 014	20 675,697	287 989,734	13,929	13,459
24	42	97 894	19 299,474	267 314,037	13,851	13,381
25	43	97 765	18 013,212	248 014,563	13,768	13,299
26	44	97 631	16 811,535	230 001,351	13,681	13,212
27	45	97 485	15 688,252	213 189,816	13,589	13,120
28	46	97 325	14 637,885	197 501,564	13,492	13,023
29	47	97 151	13 655,859	182 863,679	13,391	12,921
30	48	96 956	12 736,892	169 207,820	13,285	12,815
31	49	96 746	11 877,750	156 470,928	13,173	12,704
32	50	96 504	11 072,965	144 593,178	13,058	12,589
33	51	96 246	10 320,937	133 520,213	12,937	12,467
34	52	95 965	9 617,596	123 199,276	12,810	12,340
35	53	95 653	8 959,118	113 581,680	12,678	12,208
36	54	95 307	8 342,710	104 622,562	12,541	12,071
37	55	94 935	7 766,562	96 279,852	12,397	11,927
38	56	94 532	7 227,641	88 513,289	12,246	11,777
39	57	94 091	6 723,296	81 285,649	12,090	11,621
40	58	93 613	6 251,539	74 562,353	11,927	11,458
41	59	93 083	5 809,481	68 310,814	11,759	11,289
42	60	92 511	5 396,040	62 501,334	11,583	11,113
43	61	91 875	5 008,368	57 105,293	11,402	10,932
44	62	91 212	4 646,906	52 096,926	11,211	10,742
45	63	90 495	4 308,762	47 450,020	11,012	10,543
46	64	89 715	3 992,188	43 141,258	10,806	10,337
47	65	88 867	3 695,735	39 149,071	10,593	10,124
48	66	87 935	3 417,768	35 453,336	10,373	9,904
49	67	86 925	3 157,455	32 035,568	10,146	9,676
50	68	85 811	2 913,090	28 878,113	9,913	9,444
51	69	84 636	2 685,225	25 965,023	9,670	9,200
52	70	83 367	2 471,937	23 279,798	9,418	8,948
53	71	81 987	2 271,976	20 807,861	9,158	8,689
54	72	80 486	2 084,464	18 535,885	8,892	8,423
55	73	78 884	1 909,324	16 451,421	8,616	8,147
56	74	77 185	1 745,986	14 542,097	8,329	7,859
57	75	75 346	1 592,891	12 796,111	8,033	7,564
58	76	73 352	1 449,286	11 203,220	7,730	7,261
59	77	71 146	1 313,727	9 753,933	7,425	6,955
60	78	68 764	1 186,681	8 440,206	7,112	6,643
61	79	66 161	1 067,060	7 253,525	6,798	6,328
62	80	63 279	953,823	6 186,464	6,486	6,016
63	81	60 111	846,790	5 232,642	6,179	5,710
64	82	56 711	746,636	4 385,851	5,874	5,405
65	83	53 088	653,202	3 639,216	5,571	5,102
66	84	49 236	566,176	2 986,014	5,274	4,804
67	85	45 175	485,499	2 419,838	4,984	4,515
68	86	40 938	411,182	1 934,339	4,704	4,235
69	87	36 601	343,569	1 523,156	4,433	3,964
70	88	32 219	282,646	1 179,588	4,173	3,704
71	89	27 880	228,584	896,942	3,924	3,454
72	90	23 639	181,134	668,358	3,690	3,220
73	91	19 615	140,469	487,224	3,469	2,999
74	92	15 871	106,219	346,755	3,265	2,795
75	93	12 495	78,157	240,537	3,078	2,608
76	94	9 545	55,798	162,380	2,910	2,441
77	95	7 026	38,382	106,582	2,777	2,307
78	96	5 058	25,827	68,200	2,641	2,171
79	97	3 524	16,817	42,373	2,520	2,050
80	98	2 415	10,769	25,556	2,373	1,904
81	99	1 580	6,587	14,787	2,245	1,775
82	100	988	3,847	8,200	2,131	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 479 284,687	14,866	14,397
1	20	99 133	92 647,336	1 379 779,996	14,893	14,423
2	21	99 087	86 546,680	1 287 132,660	14,872	14,403
3	22	99 055	80 858,744	1 200 585,979	14,848	14,378
4	23	99 026	75 546,115	1 119 727,235	14,822	14,352
5	24	98 993	70 580,339	1 044 181,121	14,794	14,325
6	25	98 966	65 945,533	973 600,782	14,764	14,294
7	26	98 938	61 613,457	907 655,249	14,731	14,262
8	27	98 910	57 566,619	846 041,792	14,697	14,227
9	28	98 881	53 784,445	788 475,173	14,660	14,190
10	29	98 848	50 249,259	734 690,728	14,621	14,151
11	30	98 815	46 946,161	684 441,469	14,579	14,110
12	31	98 777	43 857,972	637 495,308	14,535	14,066
13	32	98 737	40 972,465	593 637,336	14,489	14,019
14	33	98 694	38 275,073	552 664,871	14,439	13,970
15	34	98 647	35 754,041	514 389,798	14,387	13,917
16	35	98 593	33 396,903	478 635,756	14,332	13,862
17	36	98 528	31 191,460	445 238,854	14,274	13,805
18	37	98 453	29 128,687	414 047,393	14,214	13,745
19	38	98 370	27 200,112	384 918,707	14,151	13,682
20	39	98 271	25 395,169	357 718,595	14,086	13,617
21	40	98 168	23 708,973	332 323,426	14,017	13,547
22	41	98 058	22 132,978	308 614,452	13,944	13,474
23	42	97 939	20 659,924	286 481,474	13,867	13,397
24	43	97 813	19 283,459	265 821,550	13,785	13,315
25	44	97 678	17 997,002	246 538,091	13,699	13,229
26	45	97 531	16 794,387	228 541,090	13,608	13,139
27	46	97 376	15 670,807	211 746,703	13,512	13,043
28	47	97 201	14 619,299	196 075,896	13,412	12,943
29	48	97 012	13 636,283	181 456,597	13,307	12,837
30	49	96 801	12 716,519	167 820,314	13,197	12,728
31	50	96 570	11 856,234	155 103,795	13,082	12,613
32	51	96 314	11 051,144	143 247,561	12,962	12,493
33	52	96 034	10 298,140	132 196,417	12,837	12,367
34	53	95 730	9 593,982	121 898,277	12,706	12,236
35	54	95 391	8 934,631	112 304,295	12,570	12,100
36	55	95 020	8 317,602	103 369,664	12,428	11,958
37	56	94 621	7 740,829	95 052,062	12,279	11,810
38	57	94 190	7 201,485	87 311,234	12,124	11,655
39	58	93 716	6 696,455	80 109,749	11,963	11,493
40	59	93 201	6 223,966	73 413,294	11,795	11,326
41	60	92 634	5 781,421	67 189,328	11,622	11,152
42	61	92 012	5 366,950	61 407,908	11,442	10,972
43	62	91 361	4 980,345	56 040,957	11,252	10,783
44	63	90 657	4 618,668	51 060,612	11,055	10,586
45	64	89 899	4 280,391	46 441,944	10,850	10,380
46	65	89 061	3 963,095	42 161,553	10,639	10,169
47	66	88 155	3 666,124	38 198,458	10,419	9,950
48	67	87 167	3 387,912	34 532,334	10,193	9,723
49	68	86 082	3 126,846	31 144,422	9,960	9,491
50	69	84 934	2 883,333	28 017,576	9,717	9,248
51	70	83 690	2 655,225	25 134,243	9,466	8,996
52	71	82 351	2 441,820	22 479,018	9,206	8,736
53	72	80 889	2 241,554	20 037,198	8,939	8,469
54	73	79 326	2 054,428	17 795,644	8,662	8,193
55	74	77 662	1 879,762	15 741,216	8,374	7,905
56	75	75 864	1 716,115	13 861,453	8,077	7,608
57	76	73 910	1 562,518	12 145,338	7,773	7,303
58	77	71 751	1 417,654	10 582,820	7,465	6,996
59	78	69 406	1 281,604	9 165,166	7,151	6,682
60	79	66 832	1 153,335	7 883,562	6,835	6,366
61	80	63 982	1 031,929	6 730,226	6,522	6,052
62	81	60 849	917,188	5 698,297	6,213	5,743
63	82	57 462	809,479	4 781,109	5,906	5,437
64	83	53 856	709,049	3 971,630	5,601	5,132
65	84	50 004	615,263	3 262,581	5,303	4,833
66	85	45 926	528,117	2 647,319	5,013	4,543
67	86	41 687	448,009	2 119,202	4,730	4,261
68	87	37 299	374,625	1 671,193	4,461	3,991
69	88	32 897	308,803	1 296,568	4,199	3,729
70	89	28 519	250,191	987,765	3,948	3,479
71	90	24 230	198,659	737,575	3,713	3,243
72	91	20 142	154,337	538,916	3,492	3,022
73	92	16 333	116,963	384,579	3,288	2,819
74	93	12 894	86,296	267,615	3,101	2,632
75	94	9 881	61,807	181,319	2,934	2,464
76	95	7 300	42,675	119,512	2,800	2,331
77	96	5 276	28,824	76,837	2,666	2,196
78	97	3 695	18,867	48,013	2,545	2,075
79	98	2 548	12,158	29,146	2,397	1,928
80	99	1 679	7,487	16,988	2,269	1,799
81	100	1 058	4,410	9,501	2,154	1,685

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 477 341,917	14,850	14,380
1	21	99 114	92 630,181	1 377 856,433	14,875	14,405
2	22	99 071	86 532,352	1 285 226,252	14,853	14,383
3	23	99 038	80 844,751	1 198 693,900	14,827	14,358
4	24	99 004	75 529,722	1 117 849,148	14,800	14,331
5	25	98 976	70 568,370	1 042 319,426	14,770	14,301
6	26	98 948	65 933,237	971 751,056	14,738	14,269
7	27	98 918	61 601,469	905 817,819	14,704	14,235
8	28	98 889	57 554,045	844 216,350	14,668	14,199
9	29	98 856	53 771,031	786 662,305	14,630	14,160
10	30	98 822	50 236,256	732 891,274	14,589	14,119
11	31	98 785	46 932,221	682 655,018	14,546	14,076
12	32	98 745	43 843,973	635 722,797	14,500	14,030
13	33	98 703	40 958,245	591 878,824	14,451	13,981
14	34	98 658	38 261,446	550 920,579	14,399	13,929
15	35	98 608	35 740,057	512 659,134	14,344	13,875
16	36	98 553	33 383,461	476 919,076	14,286	13,817
17	37	98 482	31 176,836	443 535,615	14,226	13,757
18	38	98 408	29 115,281	412 358,779	14,163	13,693
19	39	98 312	27 184,182	383 243,498	14,098	13,629
20	40	98 213	25 380,041	356 059,316	14,029	13,560
21	41	98 102	23 692,882	330 679,275	13,957	13,487
22	42	97 983	22 116,094	306 986,393	13,881	13,411
23	43	97 858	20 642,780	284 870,299	13,800	13,330
24	44	97 725	19 266,105	264 227,519	13,715	13,245
25	45	97 578	17 978,644	244 961,414	13,625	13,156
26	46	97 422	16 775,712	226 982,770	13,530	13,061
27	47	97 253	15 650,909	210 207,058	13,431	12,961
28	48	97 062	14 598,342	194 556,148	13,327	12,858
29	49	96 857	13 614,470	179 957,806	13,218	12,749
30	50	96 626	12 693,483	166 343,336	13,105	12,635
31	51	96 380	11 832,869	153 649,853	12,985	12,515
32	52	96 101	11 026,735	141 816,984	12,861	12,392
33	53	95 798	10 272,855	130 790,249	12,732	12,262
34	54	95 468	9 567,760	120 517,394	12,596	12,127
35	55	95 104	8 907,741	110 949,633	12,455	11,986
36	56	94 705	8 290,042	102 041,892	12,309	11,839
37	57	94 279	7 712,815	93 751,850	12,155	11,686
38	58	93 814	7 172,734	86 039,035	11,995	11,526
39	59	93 302	6 666,920	78 866,300	11,829	11,360
40	60	92 750	6 193,904	72 199,381	11,657	11,187
41	61	92 134	5 750,253	66 005,476	11,479	11,009
42	62	91 498	5 336,921	60 255,224	11,290	10,821
43	63	90 806	4 950,081	54 918,302	11,094	10,625
44	64	90 060	4 588,257	49 968,221	10,890	10,421
45	65	89 244	4 249,198	45 379,964	10,680	10,210
46	66	88 348	3 931,342	41 130,765	10,462	9,993
47	67	87 384	3 634,099	37 199,423	10,236	9,767
48	68	86 322	3 355,068	33 565,324	10,004	9,535
49	69	85 203	3 094,906	30 210,256	9,761	9,292
50	70	83 986	2 851,120	27 115,350	9,510	9,041
51	71	82 670	2 622,875	24 264,230	9,251	8,781
52	72	81 249	2 409,124	21 641,355	8,983	8,514
53	73	79 723	2 209,254	19 232,232	8,705	8,236
54	74	78 098	2 022,620	17 022,977	8,416	7,947
55	75	76 334	1 847,603	15 000,357	8,119	7,649
56	76	74 418	1 683,393	13 152,755	7,813	7,344
57	77	72 296	1 528,415	11 469,362	7,504	7,035
58	78	69 997	1 382,990	9 940,947	7,188	6,718
59	79	67 456	1 245,591	8 557,957	6,871	6,401
60	80	64 631	1 115,364	7 312,366	6,556	6,087
61	81	61 525	992,295	6 197,003	6,245	5,776
62	82	58 168	876,775	5 204,708	5,936	5,467
63	83	54 570	768,728	4 327,933	5,630	5,160
64	84	50 728	667,866	3 559,205	5,329	4,860
65	85	46 643	573,904	2 891,339	5,038	4,569
66	86	42 380	487,335	2 317,435	4,755	4,286
67	87	37 981	408,177	1 830,100	4,484	4,014
68	88	33 524	336,717	1 421,923	4,223	3,753
69	89	29 120	273,345	1 085,206	3,970	3,501
70	90	24 785	217,436	811,862	3,734	3,264
71	91	20 646	169,270	594,425	3,512	3,042
72	92	16 772	128,511	425,156	3,308	2,839
73	93	13 270	95,026	296,644	3,122	2,652
74	94	10 197	68,243	201,618	2,954	2,485
75	95	7 558	47,272	133,375	2,821	2,352
76	96	5 482	32,048	86,103	2,687	2,217
77	97	3 854	21,056	54,056	2,567	2,098
78	98	2 671	13,640	32,999	2,419	1,950
79	99	1 771	8,453	19,360	2,290	1,821
80	100	1 124	5,012	10,907	2,176	1,706

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 475 269,380	14,832	14,362
1	22	99 098	92 614,845	1 375 802,318	14,855	14,386
2	23	99 054	86 517,378	1 283 187,472	14,832	14,362
3	24	99 017	80 827,209	1 196 670,094	14,805	14,336
4	25	98 987	75 516,915	1 115 842,885	14,776	14,307
5	26	98 957	70 555,212	1 040 325,970	14,745	14,275
6	27	98 929	65 920,408	969 770,758	14,711	14,242
7	28	98 897	61 588,013	903 850,350	14,676	14,206
8	29	98 864	57 539,691	842 262,336	14,638	14,168
9	30	98 830	53 757,117	784 722,645	14,598	14,128
10	31	98 793	50 221,339	730 965,529	14,555	14,085
11	32	98 754	46 917,241	680 744,190	14,509	14,040
12	33	98 711	43 828,757	633 826,949	14,461	13,992
13	34	98 668	40 943,662	589 998,193	14,410	13,940
14	35	98 620	38 246,481	549 054,530	14,356	13,886
15	36	98 568	35 725,673	510 808,050	14,298	13,829
16	37	98 507	33 367,809	475 082,377	14,238	13,768
17	38	98 437	31 162,488	441 714,568	14,175	13,705
18	39	98 350	29 098,229	410 552,080	14,109	13,640
19	40	98 254	27 167,988	381 453,850	14,041	13,571
20	41	98 146	25 362,816	354 285,862	13,969	13,499
21	42	98 027	23 674,808	328 923,046	13,893	13,424
22	43	97 902	22 097,741	305 248,239	13,814	13,344
23	44	97 770	20 624,203	283 150,497	13,729	13,260
24	45	97 625	19 246,453	262 526,294	13,640	13,171
25	46	97 469	17 958,653	243 279,841	13,547	13,077
26	47	97 299	16 754,411	225 321,189	13,448	12,979
27	48	97 113	15 628,473	208 566,777	13,345	12,876
28	49	96 907	14 574,991	192 938,304	13,238	12,768
29	50	96 681	13 589,809	178 363,313	13,125	12,655
30	51	96 436	12 668,469	164 773,505	13,007	12,537
31	52	96 167	11 806,733	152 105,036	12,883	12,413
32	53	95 865	10 999,661	140 298,303	12,755	12,285
33	54	95 536	10 244,778	129 298,643	12,621	12,151
34	55	95 181	9 538,965	119 053,865	12,481	12,011
35	56	94 789	8 878,227	109 514,900	12,335	11,866
36	57	94 362	8 260,041	100 636,673	12,184	11,714
37	58	93 902	7 682,024	92 376,632	12,025	11,556
38	59	93 400	7 141,099	84 694,608	11,860	11,391
39	60	92 852	6 634,718	77 553,509	11,689	11,220
40	61	92 250	6 160,513	70 918,791	11,512	11,042
41	62	91 619	5 718,080	64 758,278	11,325	10,856
42	63	90 942	5 304,491	59 040,199	11,130	10,661
43	64	90 208	4 917,488	53 735,708	10,927	10,458
44	65	89 404	4 554,821	48 818,220	10,718	10,248
45	66	88 529	4 215,153	44 263,399	10,501	10,032
46	67	87 576	3 897,000	40 048,246	10,277	9,807
47	68	86 537	3 598,869	36 151,246	10,045	9,576
48	69	85 440	3 320,797	32 552,377	9,803	9,333
49	70	84 251	3 060,329	29 231,580	9,552	9,082
50	71	82 962	2 816,383	26 171,251	9,293	8,823
51	72	81 563	2 587,753	23 354,868	9,025	8,556
52	73	80 078	2 374,410	20 767,115	8,746	8,277
53	74	78 489	2 175,049	18 392,705	8,456	7,987
54	75	76 762	1 988,016	16 217,656	8,158	7,688
55	76	74 878	1 812,373	14 229,640	7,851	7,382
56	77	72 794	1 646,651	12 417,266	7,541	7,071
57	78	70 529	1 491,042	10 770,615	7,224	6,754
58	79	68 030	1 344,127	9 279,573	6,904	6,434
59	80	65 235	1 204,582	7 935,446	6,588	6,118
60	81	62 149	1 072,525	6 730,864	6,276	5,806
61	82	58 814	948,572	5 658,339	5,965	5,496
62	83	55 239	832,636	4 709,767	5,656	5,187
63	84	51 400	724,079	3 877,131	5,355	4,885
64	85	47 318	622,972	3 153,052	5,061	4,592
65	86	43 041	529,587	2 530,080	4,777	4,308
66	87	38 612	444,007	2 000,494	4,506	4,036
67	88	34 137	366,874	1 556,486	4,243	3,773
68	89	29 675	298,053	1 189,613	3,991	3,522
69	90	25 308	237,559	891,560	3,753	3,283
70	91	21 119	185,269	654,001	3,530	3,060
71	92	17 191	140,945	468,731	3,326	2,856
72	93	13 626	104,408	327,787	3,139	2,670
73	94	10 494	75,147	223,379	2,973	2,503
74	95	7 799	52,194	148,232	2,840	2,370
75	96	5 675	35,499	96,038	2,705	2,236
76	97	4 005	23,411	60,538	2,586	2,116
77	98	2 786	15,222	37,127	2,439	1,969
78	99	1 857	9,483	21,904	2,310	1,840
79	100	1 186	5,659	12,421	2,195	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 473 057,194	14,812	14,342
1	23	99 081	92 598,819	1 373 606,599	14,834	14,364
2	24	99 032	86 498,605	1 281 007,780	14,810	14,340
3	25	99 000	80 813,503	1 194 509,175	14,781	14,312
4	26	98 969	75 502,834	1 113 695,671	14,750	14,281
5	27	98 938	70 541,484	1 038 192,837	14,717	14,248
6	28	98 907	65 906,009	967 651,353	14,682	14,213
7	29	98 872	61 572,654	901 745,344	14,645	14,176
8	30	98 838	57 524,801	840 172,691	14,605	14,136
9	31	98 801	53 741,154	782 647,890	14,563	14,094
10	32	98 761	50 205,309	728 906,736	14,519	14,049
11	33	98 720	46 900,958	678 701,427	14,471	14,001
12	34	98 676	43 813,152	631 800,469	14,420	13,951
13	35	98 629	40 927,648	587 987,317	14,367	13,897
14	36	98 580	38 231,087	547 059,669	14,309	13,840
15	37	98 522	35 708,923	508 828,581	14,249	13,780
16	38	98 462	33 352,453	473 119,659	14,185	13,716
17	39	98 379	31 144,237	439 767,206	14,120	13,651
18	40	98 291	29 080,896	408 622,969	14,051	13,582
19	41	98 187	27 149,549	379 542,073	13,980	13,510
20	42	98 071	25 343,467	352 392,524	13,905	13,435
21	43	97 946	23 655,162	327 049,056	13,826	13,356
22	44	97 814	22 077,855	303 393,894	13,742	13,272
23	45	97 670	20 603,166	281 316,039	13,654	13,185
24	46	97 517	19 225,052	260 712,874	13,561	13,092
25	47	97 346	17 935,850	241 487,822	13,464	12,994
26	48	97 159	16 730,393	223 551,972	13,362	12,893
27	49	96 958	15 603,474	206 821,579	13,255	12,785
28	50	96 731	14 548,589	191 218,105	13,143	12,674
29	51	96 491	13 563,028	176 669,516	13,026	12,556
30	52	96 223	12 640,487	163 106,488	12,903	12,434
31	53	95 931	11 777,744	150 466,002	12,775	12,306
32	54	95 603	10 969,597	138 688,258	12,643	12,173
33	55	95 249	10 213,945	127 718,661	12,504	12,035
34	56	94 866	9 507,359	117 504,716	12,359	11,890
35	57	94 446	8 846,097	107 997,357	12,208	11,739
36	58	93 986	8 227,065	99 151,260	12,052	11,582
37	59	93 488	7 648,142	90 924,195	11,888	11,419
38	60	92 949	7 106,607	83 276,053	11,718	11,249
39	61	92 351	6 598,951	76 169,446	11,543	11,073
40	62	91 734	6 126,044	69 570,496	11,357	10,887
41	63	91 062	5 683,333	63 444,452	11,163	10,694
42	64	90 343	5 269,564	57 761,119	10,961	10,492
43	65	89 551	4 881,653	52 491,555	10,753	10,283
44	66	88 688	4 518,327	47 609,902	10,537	10,068
45	67	87 755	4 178,332	43 091,575	10,313	9,844
46	68	86 727	3 859,221	38 913,243	10,083	9,614
47	69	85 653	3 562,107	35 054,022	9,841	9,371
48	70	84 486	3 283,696	31 491,915	9,590	9,121
49	71	83 224	3 023,043	28 208,219	9,331	8,862
50	72	81 851	2 778,671	25 185,176	9,064	8,594
51	73	80 388	2 550,466	22 406,505	8,785	8,316
52	74	78 838	2 337,647	19 856,039	8,494	8,025
53	75	77 146	2 137,837	17 518,392	8,194	7,725
54	76	75 298	1 950,110	15 380,554	7,887	7,418
55	77	73 244	1 772,816	13 430,445	7,576	7,106
56	78	71 014	1 606,387	11 657,628	7,257	6,788
57	79	68 547	1 449,143	10 051,241	6,936	6,466
58	80	65 790	1 299,874	8 602,098	6,618	6,148
59	81	62 729	1 158,316	7 302,223	6,304	5,835
60	82	59 411	1 025,267	6 143,907	5,992	5,523
61	83	55 853	900,819	5 118,640	5,682	5,213
62	84	52 031	784,275	4 217,821	5,378	4,908
63	85	47 945	675,406	3 433,546	5,084	4,614
64	86	43 664	574,865	2 758,140	4,798	4,328
65	87	39 214	482,502	2 183,275	4,525	4,055
66	88	34 705	399,078	1 700,773	4,262	3,792
67	89	30 218	324,747	1 301,695	4,008	3,539
68	90	25 790	259,033	976,947	3,772	3,302
69	91	21 564	202,415	717,915	3,547	3,077
70	92	17 585	154,267	515,500	3,342	2,872
71	93	13 967	114,510	361,232	3,155	2,685
72	94	10 775	82,566	246,723	2,988	2,519
73	95	8 026	57,474	164,157	2,856	2,387
74	96	5 857	39,196	106,683	2,722	2,252
75	97	4 146	25,933	67,487	2,602	2,133
76	98	2 895	16,925	41,554	2,455	1,986
77	99	1 937	10,584	24,629	2,327	1,858
78	100	1 243	6,349	14,045	2,212	1,743

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 470 693,538	14,791	14,321
1	24	99 059	92 578,726	1 371 260,152	14,812	14,342
2	25	99 015	86 483,937	1 278 681,426	14,785	14,316
3	26	98 982	80 798,435	1 192 197,489	14,755	14,286
4	27	98 950	75 488,143	1 111 399,054	14,723	14,253
5	28	98 916	70 526,076	1 035 910,911	14,688	14,219
6	29	98 882	65 889,572	965 384,835	14,652	14,182
7	30	98 847	61 556,720	899 495,263	14,612	14,143
8	31	98 809	57 507,720	837 938,543	14,571	14,101
9	32	98 769	53 724,000	780 430,823	14,527	14,057
10	33	98 727	50 187,885	726 706,822	14,480	14,010
11	34	98 684	46 884,259	676 518,938	14,430	13,960
12	35	98 637	43 796,016	629 634,678	14,377	13,907
13	36	98 590	40 911,176	585 838,663	14,320	13,850
14	37	98 534	38 213,163	544 927,487	14,260	13,791
15	38	98 477	35 692,489	506 714,324	14,197	13,727
16	39	98 404	33 332,919	471 021,835	14,131	13,661
17	40	98 320	31 125,685	437 688,916	14,062	13,592
18	41	98 225	29 061,158	406 563,231	13,990	13,520
19	42	98 112	27 128,838	377 502,073	13,915	13,446
20	43	97 990	25 322,437	350 373,235	13,836	13,367
21	44	97 858	23 633,874	325 050,798	13,754	13,284
22	45	97 714	22 055,335	301 416,924	13,666	13,197
23	46	97 561	20 580,256	279 361,589	13,574	13,105
24	47	97 393	19 200,641	258 781,333	13,478	13,008
25	48	97 206	17 910,138	239 580,692	13,377	12,907
26	49	97 004	16 703,632	221 670,554	13,271	12,801
27	50	96 782	15 575,209	204 966,922	13,160	12,690
28	51	96 541	14 519,918	189 391,713	13,044	12,574
29	52	96 278	13 533,070	174 871,795	12,922	12,452
30	53	95 986	12 609,451	161 338,725	12,795	12,326
31	54	95 669	11 745,554	148 729,274	12,663	12,193
32	55	95 315	10 936,582	136 983,721	12,525	12,056
33	56	94 933	10 180,102	126 047,138	12,382	11,912
34	57	94 522	9 472,952	115 867,036	12,231	11,762
35	58	94 069	8 810,781	106 394,084	12,075	11,606
36	59	93 571	8 190,779	97 583,302	11,914	11,444
37	60	93 036	7 611,201	89 392,523	11,745	11,275
38	61	92 448	7 068,295	81 781,322	11,570	11,101
39	62	91 834	6 562,029	74 713,027	11,386	10,916
40	63	91 177	6 088,818	68 150,998	11,193	10,723
41	64	90 463	5 645,912	62 062,180	10,992	10,523
42	65	89 684	5 231,163	56 416,268	10,785	10,315
43	66	88 833	4 842,540	51 185,106	10,570	10,100
44	67	87 913	4 478,857	46 342,566	10,347	9,877
45	68	86 904	4 137,825	41 863,708	10,117	9,648
46	69	85 841	3 819,800	37 725,883	9,876	9,407
47	70	84 696	3 522,311	33 906,083	9,626	9,157
48	71	83 457	3 243,689	30 383,772	9,367	8,898
49	72	82 110	2 982,564	27 140,083	9,100	8,630
50	73	80 672	2 738,632	24 157,519	8,821	8,352
51	74	79 144	2 510,977	21 418,887	8,530	8,061
52	75	77 489	2 297,654	18 907,910	8,229	7,760
53	76	75 675	2 097,074	16 610,256	7,921	7,451
54	77	73 654	1 907,547	14 513,182	7,608	7,139
55	78	71 453	1 729,468	12 605,635	7,289	6,819
56	79	69 018	1 561,247	10 876,168	6,966	6,497
57	80	66 290	1 401,433	9 314,920	6,647	6,177
58	81	63 263	1 249,949	7 913,487	6,331	5,862
59	82	59 965	1 107,278	6 663,539	6,018	5,548
60	83	56 420	973,653	5 556,261	5,707	5,237
61	84	52 609	848,498	4 582,608	5,401	4,931
62	85	48 533	731,556	3 734,110	5,104	4,635
63	86	44 243	623,250	3 002,554	4,818	4,348
64	87	39 782	523,755	2 379,304	4,543	4,073
65	88	35 246	433,678	1 855,549	4,279	3,809
66	89	30 720	353,254	1 421,871	4,025	3,556
67	90	26 261	282,232	1 068,617	3,786	3,317
68	91	21 975	220,712	786,385	3,563	3,093
69	92	17 955	168,544	565,673	3,356	2,887
70	93	14 287	125,333	397,129	3,169	2,699
71	94	11 045	90,554	271,796	3,001	2,532
72	95	8 241	63,149	181,242	2,870	2,401
73	96	6 027	43,161	118,093	2,736	2,267
74	97	4 278	28,633	74,932	2,617	2,147
75	98	2 997	18,748	46,298	2,470	2,000
76	99	2 013	11,768	27,550	2,341	1,872
77	100	1 297	7,086	15,783	2,227	1,758

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 468 168,658	14,769	14,299
1	25	99 042	92 563,028	1 368 756,848	14,787	14,318
2	26	98 997	86 467,812	1 276 193,820	14,759	14,290
3	27	98 962	80 782,714	1 189 726,009	14,727	14,258
4	28	98 928	75 471,654	1 108 943,295	14,694	14,224
5	29	98 892	70 508,487	1 033 471,641	14,657	14,188
6	30	98 857	65 872,522	962 963,154	14,619	14,149
7	31	98 817	61 538,442	897 090,632	14,578	14,108
8	32	98 777	57 489,364	835 552,190	14,534	14,065
9	33	98 735	53 705,356	778 062,827	14,488	14,018
10	34	98 692	50 170,016	724 357,471	14,438	13,969
11	35	98 646	46 865,922	674 187,455	14,385	13,916
12	36	98 597	43 778,389	627 321,533	14,329	13,860
13	37	98 543	40 891,995	583 543,145	14,270	13,801
14	38	98 489	38 195,576	542 651,150	14,207	13,738
15	39	98 419	35 671,585	504 455,574	14,142	13,672
16	40	98 346	33 313,063	468 783,989	14,072	13,603
17	41	98 254	31 104,560	435 470,926	14,000	13,531
18	42	98 150	29 038,989	404 366,367	13,925	13,455
19	43	98 031	27 106,326	375 327,378	13,846	13,377
20	44	97 902	25 299,649	348 221,052	13,764	13,294
21	45	97 758	23 609,766	322 921,403	13,677	13,208
22	46	97 605	22 030,810	299 311,636	13,586	13,117
23	47	97 437	20 554,125	277 280,826	13,490	13,021
24	48	97 253	19 173,116	256 726,702	13,390	12,920
25	49	97 051	17 881,489	237 553,586	13,285	12,815
26	50	96 828	16 673,374	219 672,096	13,175	12,706
27	51	96 592	15 544,516	202 998,722	13,059	12,590
28	52	96 327	14 487,847	187 454,207	12,939	12,469
29	53	96 041	13 499,842	172 966,359	12,812	12,343
30	54	95 724	12 574,987	159 466,517	12,681	12,212
31	55	95 381	11 710,204	146 891,530	12,544	12,074
32	56	94 999	10 900,345	135 181,326	12,402	11,932
33	57	94 589	10 143,262	124 280,981	12,253	11,783
34	58	94 145	9 435,134	114 137,719	12,097	11,628
35	59	93 654	8 771,921	104 702,586	11,936	11,467
36	60	93 119	8 151,218	95 930,665	11,769	11,299
37	61	92 535	7 570,169	87 779,447	11,595	11,126
38	62	91 931	7 028,747	80 209,278	11,412	10,942
39	63	91 276	6 522,154	73 180,531	11,220	10,751
40	64	90 576	6 048,727	66 658,377	11,020	10,551
41	65	89 803	5 604,768	60 609,650	10,814	10,344
42	66	88 966	5 189,250	55 004,883	10,600	10,130
43	67	88 057	4 800,238	49 815,633	10,378	9,908
44	68	87 061	4 435,437	45 015,394	10,149	9,680
45	69	86 017	4 095,558	40 579,957	9,908	9,439
46	70	84 882	3 777,124	36 484,398	9,659	9,190
47	71	83 665	3 479,396	32 707,274	9,400	8,931
48	72	82 339	3 200,255	29 227,878	9,133	8,663
49	73	80 927	2 939,587	26 027,622	8,854	8,385
50	74	79 423	2 696,231	23 088,036	8,563	8,094
51	75	77 790	2 468,019	20 391,805	8,262	7,793
52	76	76 012	2 253,843	17 923,786	7,953	7,483
53	77	74 024	2 051,303	15 669,943	7,639	7,170
54	78	71 853	1 860,903	13 618,640	7,318	6,849
55	79	69 445	1 680,869	11 757,737	6,995	6,526
56	80	66 746	1 509,846	10 076,867	6,674	6,205
57	81	63 744	1 347,607	8 567,021	6,357	5,888
58	82	60 476	1 194,873	7 219,415	6,042	5,572
59	83	56 946	1 051,536	6 024,542	5,729	5,260
60	84	53 143	917,101	4 973,006	5,423	4,953
61	85	49 073	791,461	4 055,904	5,125	4,655
62	86	44 786	675,064	3 264,443	4,836	4,366
63	87	40 309	567,838	2 589,379	4,560	4,091
64	88	35 757	470,756	2 021,541	4,294	3,825
65	89	31 199	383,881	1 550,785	4,040	3,570
66	90	26 698	307,007	1 166,904	3,801	3,331
67	91	22 376	240,480	859,898	3,576	3,106
68	92	18 298	183,779	619,418	3,370	2,901
69	93	14 588	136,932	435,639	3,181	2,712
70	94	11 298	99,114	298,707	3,014	2,544
71	95	8 447	69,258	199,593	2,882	2,412
72	96	6 189	47,423	130,335	2,748	2,279
73	97	4 403	31,530	82,912	2,630	2,160
74	98	3 093	20,700	51,382	2,482	2,013
75	99	2 084	13,035	30,682	2,354	1,884
76	100	1 348	7,878	17,647	2,240	1,770

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 465 476,042	14,744	14,274
1	26	99 024	92 545,768	1 366 081,090	14,761	14,292
2	27	98 978	86 450,987	1 273 535,321	14,731	14,262
3	28	98 941	80 765,069	1 187 084,334	14,698	14,228
4	29	98 903	75 452,832	1 106 319,266	14,662	14,193
5	30	98 866	70 490,241	1 030 866,433	14,624	14,155
6	31	98 828	65 852,962	960 376,193	14,584	14,114
7	32	98 786	61 518,799	894 523,231	14,541	14,071
8	33	98 743	57 469,412	833 004,432	14,495	14,025
9	34	98 700	53 686,234	775 535,020	14,446	13,976
10	35	98 653	50 150,393	721 848,786	14,394	13,924
11	36	98 606	46 847,059	671 698,392	14,338	13,869
12	37	98 551	43 757,863	624 851,333	14,280	13,810
13	38	98 498	40 873,175	581 093,470	14,217	13,747
14	39	98 431	38 173,207	540 220,295	14,152	13,682
15	40	98 360	35 650,335	502 047,088	14,083	13,613
16	41	98 279	33 290,453	466 396,753	14,010	13,540
17	42	98 179	31 080,831	433 106,300	13,935	13,465
18	43	98 068	29 014,892	402 025,468	13,856	13,386
19	44	97 943	27 081,932	373 010,576	13,773	13,304
20	45	97 802	25 273,842	345 928,644	13,687	13,218
21	46	97 649	23 583,513	320 654,802	13,597	13,127
22	47	97 481	22 002,837	297 071,289	13,501	13,032
23	48	97 298	20 524,659	275 068,452	13,402	12,932
24	49	97 098	19 142,447	254 543,792	13,297	12,828
25	50	96 875	17 849,098	235 401,345	13,188	12,719
26	51	96 637	16 640,516	217 552,247	13,074	12,604
27	52	96 378	15 510,181	200 911,731	12,954	12,484
28	53	96 091	14 452,275	185 401,549	12,829	12,359
29	54	95 779	13 462,945	170 949,274	12,698	12,228
30	55	95 436	12 537,141	157 486,329	12,562	12,092
31	56	95 065	11 671,403	144 949,188	12,419	11,950
32	57	94 656	10 860,898	133 277,785	12,271	11,802
33	58	94 212	10 102,767	122 416,887	12,117	11,648
34	59	93 730	9 393,520	112 314,120	11,957	11,487
35	60	93 202	8 729,552	102 920,600	11,790	11,320
36	61	92 617	8 107,274	94 191,048	11,618	11,149
37	62	92 017	7 527,813	86 083,773	11,435	10,966
38	63	91 372	6 986,036	78 555,960	11,245	10,775
39	64	90 675	6 479,209	71 569,924	11,046	10,577
40	65	89 916	6 004,648	65 090,715	10,840	10,371
41	66	89 084	5 559,862	59 086,068	10,627	10,158
42	67	88 189	5 143,920	53 526,206	10,406	9,936
43	68	87 204	4 753,703	48 382,286	10,178	9,708
44	69	86 171	4 390,130	43 628,583	9,938	9,468
45	70	85 056	4 049,802	39 238,453	9,689	9,219
46	71	83 848	3 731,106	35 188,651	9,431	8,962
47	72	82 544	3 432,806	31 457,545	9,164	8,694
48	73	81 153	3 154,142	28 024,739	8,885	8,416
49	74	79 674	2 894,074	24 870,598	8,594	8,124
50	75	78 064	2 650,102	21 976,524	8,293	7,823
51	76	76 306	2 420,960	19 326,421	7,983	7,513
52	77	74 353	2 204,651	16 905,462	7,668	7,199
53	78	72 214	2 001,145	14 700,811	7,346	6,877
54	79	69 834	1 808,612	12 699,666	7,022	6,552
55	80	67 159	1 625,529	10 891,054	6,700	6,230
56	81	64 182	1 451,856	9 265,525	6,382	5,912
57	82	60 935	1 288,228	7 813,669	6,065	5,596
58	83	57 431	1 134,721	6 525,441	5,751	5,281
59	84	53 639	990,461	5 390,720	5,443	4,973
60	85	49 570	855,453	4 400,260	5,144	4,674
61	86	45 283	730,343	3 544,807	4,854	4,384
62	87	40 804	615,045	2 814,463	4,576	4,107
63	88	36 230	510,379	2 199,418	4,309	3,840
64	89	31 651	416,702	1 689,039	4,053	3,584
65	90	27 115	333,624	1 272,337	3,814	3,344
66	91	22 748	261,589	938,714	3,589	3,119
67	92	18 632	200,239	677,125	3,382	2,912
68	93	14 866	149,310	476,886	3,194	2,724
69	94	11 536	108,286	327,576	3,025	2,556
70	95	8 641	75,805	219,290	2,893	2,423
71	96	6 344	52,011	143,485	2,759	2,289
72	97	4 521	34,643	91,474	2,640	2,171
73	98	3 183	22,794	56,831	2,493	2,024
74	99	2 150	14,392	34,037	2,365	1,895
75	100	1 395	8,727	19,644	2,251	1,782

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	93 126,487	1 400 092,129	15,034	14,565
2	1	99 313	86 743,804	1 306 965,642	15,067	14,597
3	2	99 275	81 037,603	1 220 221,838	15,057	14,588
4	3	99 250	75 717,309	1 139 184,236	15,045	14,576
5	4	99 227	70 747,203	1 063 466,927	15,032	14,562
6	5	99 208	66 106,639	992 719,723	15,017	14,547
7	6	99 191	61 770,866	926 613,084	15,001	14,531
8	7	99 176	57 721,121	864 842,219	14,983	14,514
9	8	99 163	53 937,919	807 121,098	14,964	14,494
10	9	99 149	50 402,096	753 183,179	14,943	14,474
11	10	99 135	47 098,092	702 781,084	14,922	14,452
12	11	99 120	44 010,370	655 682,992	14,898	14,429
13	12	99 105	41 124,900	611 672,622	14,874	14,404
14	13	99 087	38 427,770	570 547,722	14,847	14,378
15	14	99 067	35 906,388	532 119,952	14,820	14,350
16	15	99 042	33 548,808	496 213,564	14,791	14,321
17	16	99 004	31 342,029	462 664,756	14,762	14,292
18	17	98 961	29 278,895	431 322,728	14,732	14,262
19	18	98 908	27 348,959	402 043,833	14,701	14,231
20	19	98 847	25 543,899	374 694,874	14,669	14,199
21	20	98 783	23 857,436	349 150,975	14,635	14,165
22	21	98 721	22 282,571	325 293,539	14,599	14,129
23	22	98 660	20 811,995	303 010,967	14,559	14,090
24	23	98 598	19 438,166	282 198,973	14,518	14,048
25	24	98 528	18 153,789	262 760,807	14,474	14,005
26	25	98 464	16 955,119	244 607,018	14,427	13,957
27	26	98 399	15 835,444	227 651,899	14,376	13,907
28	27	98 328	14 788,793	211 816,455	14,323	13,853
29	28	98 256	13 811,165	197 027,662	14,266	13,796
30	29	98 175	12 897,023	183 216,496	14,206	13,737
31	30	98 093	12 043,231	170 319,473	14,142	13,673
32	31	97 997	11 244,269	158 276,242	14,076	13,607
33	32	97 897	10 497,949	147 031,974	14,006	13,536
34	33	97 793	9 800,798	136 534,025	13,931	13,461
35	34	97 680	9 148,990	126 733,227	13,852	13,383
36	35	97 555	8 539,526	117 584,237	13,769	13,300
37	36	97 429	7 970,575	109 044,711	13,681	13,211
38	37	97 292	7 438,666	101 074,137	13,588	13,118
39	38	97 145	6 941,532	93 635,470	13,489	13,020
40	39	96 983	6 476,538	86 693,938	13,386	12,916
41	40	96 803	6 041,631	80 217,400	13,277	12,808
42	41	96 609	5 635,079	74 175,769	13,163	12,694
43	42	96 392	5 254,570	68 540,691	13,044	12,575
44	43	96 154	4 898,702	63 286,121	12,919	12,449
45	44	95 895	4 565,893	58 387,418	12,788	12,318
46	45	95 601	4 254,123	53 821,525	12,652	12,182
47	46	95 286	3 962,718	49 567,402	12,508	12,039
48	47	94 929	3 689,578	45 604,684	12,360	11,891
49	48	94 529	3 433,672	41 915,106	12,207	11,738
50	49	94 081	3 193,824	38 481,433	12,049	11,579
51	50	93 580	2 968,994	35 287,609	11,885	11,416
52	51	93 035	2 758,601	32 318,615	11,716	11,246
53	52	92 418	2 561,053	29 560,014	11,542	11,073
54	53	91 732	2 375,725	26 998,961	11,365	10,895
55	54	90 971	2 201,893	24 623,236	11,183	10,713
56	55	90 140	2 039,037	22 421,343	10,996	10,527
57	56	89 227	1 886,354	20 382,306	10,805	10,336
58	57	88 234	1 743,323	18 495,952	10,610	10,140
59	58	87 140	1 609,072	16 752,629	10,411	9,942
60	59	85 953	1 483,324	15 143,557	10,209	9,740
61	60	84 679	1 365,736	13 660,233	10,002	9,533
62	61	83 297	1 255,558	12 294,498	9,792	9,323
63	62	81 827	1 152,703	11 038,940	9,577	9,107
64	63	80 267	1 056,754	9 886,237	9,355	8,886
65	64	78 600	967,110	8 829,484	9,130	8,660
66	65	76 828	883,466	7 862,373	8,899	8,430
67	66	74 967	805,666	6 978,907	8,662	8,193
68	67	72 978	732,981	6 173,241	8,422	7,953
69	68	70 918	665,700	5 440,260	8,172	7,703
70	69	68 746	603,088	4 774,559	7,917	7,447
71	70	66 455	544,850	4 171,472	7,656	7,187
72	71	64 044	490,733	3 626,622	7,390	6,921
73	72	61 534	440,655	3 135,889	7,116	6,647
74	73	58 931	394,408	2 695,234	6,834	6,364
75	74	56 225	351,678	2 300,826	6,542	6,073
76	75	53 382	312,054	1 949,148	6,246	5,777
77	76	50 393	275,310	1 637,094	5,946	5,477
78	77	47 260	241,300	1 361,784	5,644	5,174
79	78	43 972	209,826	1 120,484	5,340	4,871
80	79	40 502	180,625	910,658	5,042	4,572
81	80	36 874	153,687	730,032	4,750	4,281
82	81	33 099	128,927	576,345	4,470	4,001
83	82	29 275	106,571	447,419	4,198	3,729
84	83	25 443	86,564	340,848	3,938	3,468
85	84	21 681	68,938	254,284	3,689	3,219
86	85	18 049	53,636	185,346	3,456	2,986
87	86	14 656	40,704	131,710	3,236	2,766
88	87	11 578	30,050	91,006	3,028	2,559
89	88	8 871	21,518	60,956	2,833	2,363
90	89	6 577	14,910	39,438	2,645	2,176
91	90	4 689	9,936	24,528	2,469	1,999
92	91	3 187	6,310	14,593	2,312	1,843
93	92	2 059	3,810	8,282	2,174	1,704
94	93	1 265	2,187	4,472	2,045	1,575
95	94	727	1,174	2,285	1,946	1,476
96	95	397	0,599	1,111	1,853	1,384
97	96	205	0,289	0,511	1,768	1,299
98	97	99	0,131	0,222	1,700	1,230
99	98	46	0,056	0,091	1,622	1,152
100	99	20	0,023	0,035	1,556	1,086

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	87 010,391	1 307 659,806	15,029	14,559
3	1	99 297	81 056,331	1 220 649,415	15,059	14,590
4	2	99 262	75 726,326	1 139 593,083	15,049	14,579
5	3	99 238	70 755,633	1 063 866,757	15,036	14,566
6	4	99 217	66 112,651	993 111,124	15,021	14,552
7	5	99 198	61 775,499	926 998,473	15,006	14,536
8	6	99 182	57 724,920	865 222,975	14,989	14,519
9	7	99 168	53 940,578	807 498,054	14,970	14,501
10	8	99 155	50 405,216	753 557,477	14,950	14,480
11	9	99 141	47 101,140	703 152,260	14,929	14,459
12	10	99 126	44 012,977	656 051,121	14,906	14,436
13	11	99 112	41 127,964	612 038,143	14,881	14,412
14	12	99 095	38 430,811	570 910,180	14,856	14,386
15	13	99 075	35 909,466	532 479,369	14,828	14,359
16	14	99 052	33 552,328	496 569,903	14,800	14,330
17	15	99 016	31 345,950	463 017,574	14,771	14,302
18	16	98 975	29 283,027	431 671,624	14,741	14,272
19	17	98 923	27 352,964	402 388,597	14,711	14,241
20	18	98 867	25 549,102	375 035,634	14,679	14,210
21	19	98 802	23 862,042	349 486,532	14,646	14,177
22	20	98 739	22 286,698	325 624,490	14,611	14,141
23	21	98 676	20 815,441	303 337,792	14,573	14,103
24	22	98 615	19 441,530	282 522,351	14,532	14,062
25	23	98 550	18 157,729	263 080,820	14,489	14,019
26	24	98 481	16 957,995	244 923,092	14,443	13,973
27	25	98 418	15 838,398	227 965,097	14,393	13,924
28	26	98 347	14 791,671	212 126,700	14,341	13,871
29	27	98 278	13 814,183	197 335,029	14,285	13,815
30	28	98 200	12 900,240	183 520,846	14,226	13,757
31	29	98 119	12 046,348	170 620,606	14,164	13,694
32	30	98 026	11 247,609	158 574,257	14,098	13,629
33	31	97 928	10 501,301	147 326,649	14,029	13,560
34	32	97 827	9 804,201	136 825,348	13,956	13,486
35	33	97 715	9 152,248	127 021,147	13,879	13,409
36	34	97 593	8 542,867	117 868,899	13,797	13,328
37	35	97 468	7 973,784	109 326,032	13,711	13,241
38	36	97 338	7 442,155	101 352,248	13,619	13,149
39	37	97 190	6 944,728	93 910,093	13,523	13,053
40	38	97 039	6 480,333	86 965,364	13,420	12,950
41	39	96 861	6 045,232	80 485,031	13,314	12,844
42	40	96 675	5 638,906	74 439,799	13,201	12,732
43	41	96 465	5 258,581	68 800,893	13,084	12,614
44	42	96 234	4 902,771	63 542,312	12,960	12,491
45	43	95 981	4 570,006	58 639,541	12,831	12,362
46	44	95 699	4 258,467	54 069,535	12,697	12,227
47	45	95 392	3 967,129	49 811,068	12,556	12,086
48	46	95 050	3 694,269	45 843,939	12,409	11,940
49	47	94 664	3 438,602	42 149,670	12,258	11,788
50	48	94 231	3 198,941	38 711,068	12,101	11,632
51	49	93 750	2 974,382	35 512,127	11,939	11,470
52	50	93 218	2 764,048	32 537,745	11,772	11,302
53	51	92 623	2 566,722	29 773,697	11,600	11,130
54	52	91 958	2 381,573	27 206,975	11,424	10,954
55	53	91 221	2 207,928	24 825,402	11,244	10,774
56	54	90 412	2 045,192	22 617,474	11,059	10,589
57	55	89 524	1 892,625	20 572,283	10,870	10,400
58	56	88 555	1 749,655	18 679,657	10,676	10,207
59	57	87 489	1 615,522	16 930,003	10,480	10,010
60	58	86 334	1 489,895	15 314,481	10,279	9,809
61	59	85 090	1 372,364	13 824,586	10,074	9,604
62	60	83 749	1 262,363	12 452,222	9,864	9,395
63	61	82 287	1 159,189	11 189,859	9,653	9,184
64	62	80 757	1 063,214	10 030,670	9,434	8,965
65	63	79 121	973,520	8 967,456	9,211	8,742
66	64	77 392	889,952	7 993,935	8,982	8,513
67	65	75 572	812,173	7 103,984	8,747	8,277
68	66	73 621	739,441	6 291,810	8,509	8,039
69	67	71 613	672,217	5 552,370	8,260	7,790
70	68	69 455	609,312	4 880,153	8,009	7,540
71	69	67 205	551,006	4 270,841	7,751	7,281
72	70	64 834	496,785	3 719,835	7,488	7,018
73	71	62 369	446,636	3 223,050	7,216	6,747
74	72	59 793	400,174	2 776,414	6,938	6,468
75	73	57 109	357,209	2 376,240	6,652	6,183
76	74	54 311	317,486	2 019,031	6,359	5,890
77	75	51 373	280,661	1 701,545	6,063	5,593
78	76	48 314	246,684	1 420,884	5,760	5,290
79	77	45 074	215,086	1 174,200	5,459	4,990
80	78	41 673	185,848	959,115	5,161	4,691
81	79	38 130	158,919	773,267	4,866	4,396
82	80	34 421	134,076	614,348	4,582	4,113
83	81	30 624	111,483	480,271	4,308	3,839
84	82	26 792	91,153	368,788	4,046	3,576
85	83	23 018	73,189	277,636	3,793	3,324
86	84	19 350	57,501	204,447	3,556	3,086
87	85	15 883	44,111	146,946	3,331	2,862
88	86	12 707	32,982	102,835	3,118	2,648
89	87	9 869	23,941	69,853	2,918	2,448
90	88	7 430	16,844	45,912	2,726	2,256
91	89	5 396	11,432	29,068	2,543	2,073
92	90	3 740	7,406	17,636	2,381	1,912
93	91	2 472	4,575	10,230	2,236	1,766
94	92	1 557	2,692	5,655	2,100	1,631
95	93	919	1,485	2,962	1,995	1,525
96	94	519	0,784	1,477	1,885	1,415
97	95	273	0,385	0,693	1,801	1,331
98	96	136	0,179	0,308	1,724	1,254
99	97	63	0,078	0,129	1,660	1,191
100	98	28	0,032	0,051	1,588	1,119

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	81 305,440	1 221 289,771	15,021	14,551
4	1	99 285	75 743,828	1 139 984,331	15,051	14,581
5	2	99 250	70 764,059	1 064 240,504	15,039	14,570
6	3	99 229	66 120,528	993 476,445	15,025	14,556
7	4	99 207	61 781,116	927 355,916	15,010	14,541
8	5	99 190	57 729,250	865 574,800	14,994	14,524
9	6	99 174	53 944,129	807 845,550	14,976	14,506
10	7	99 160	50 407,701	753 901,421	14,956	14,487
11	8	99 147	47 104,056	703 493,720	14,935	14,465
12	9	99 132	44 015,826	656 389,664	14,913	14,443
13	10	99 118	41 130,401	612 373,839	14,889	14,419
14	11	99 103	38 433,673	571 243,438	14,863	14,394
15	12	99 083	35 912,307	532 809,765	14,836	14,367
16	13	99 060	33 555,205	496 897,457	14,808	14,339
17	14	99 026	31 349,240	463 342,253	14,780	14,311
18	15	98 987	29 286,691	431 993,013	14,750	14,281
19	16	98 937	27 356,824	402 706,322	14,721	14,251
20	17	98 881	25 552,843	375 349,498	14,689	14,220
21	18	98 822	23 866,902	349 796,655	14,656	14,187
22	19	98 758	22 291,001	325 929,753	14,622	14,152
23	20	98 694	20 819,296	303 638,752	14,584	14,115
24	21	98 631	19 444,750	282 819,456	14,545	14,075
25	22	98 567	18 160,871	263 374,706	14,502	14,033
26	23	98 502	16 961,675	245 213,835	14,457	13,987
27	24	98 434	15 841,084	228 252,160	14,409	13,939
28	25	98 366	14 794,430	212 411,076	14,358	13,888
29	26	98 297	13 816,871	197 616,647	14,303	13,833
30	27	98 221	12 903,059	183 799,776	14,245	13,775
31	28	98 143	12 049,353	170 896,717	14,183	13,714
32	29	98 051	11 250,520	158 847,364	14,119	13,650
33	30	97 957	10 504,420	147 596,844	14,051	13,581
34	31	97 859	9 807,331	137 092,424	13,979	13,509
35	32	97 749	9 155,426	127 285,093	13,903	13,433
36	33	97 628	8 545,910	118 129,667	13,823	13,353
37	34	97 507	7 976,904	109 583,757	13,738	13,268
38	35	97 377	7 445,152	101 606,853	13,647	13,178
39	36	97 236	6 947,986	94 161,701	13,552	13,083
40	37	97 084	6 483,317	87 213,715	13,452	12,983
41	38	96 918	6 048,775	80 730,399	13,347	12,877
42	39	96 732	5 642,267	74 681,624	13,236	12,767
43	40	96 531	5 262,153	69 039,357	13,120	12,650
44	41	96 307	4 906,514	63 777,204	12,998	12,529
45	42	96 061	4 573,801	58 870,690	12,871	12,402
46	43	95 785	4 262,302	54 296,889	12,739	12,269
47	44	95 490	3 971,180	50 034,586	12,599	12,130
48	45	95 155	3 698,382	46 063,406	12,455	11,986
49	46	94 785	3 442,973	42 365,025	12,305	11,835
50	47	94 367	3 203,533	38 922,051	12,150	11,680
51	48	93 900	2 979,148	35 718,518	11,990	11,520
52	49	93 388	2 769,064	32 739,371	11,823	11,354
53	50	92 806	2 571,791	29 970,307	11,653	11,184
54	51	92 161	2 386,845	27 398,516	11,479	11,009
55	52	91 445	2 213,362	25 011,671	11,300	10,831
56	53	90 660	2 050,797	22 798,309	11,117	10,647
57	54	89 794	1 898,339	20 747,512	10,929	10,460
58	55	88 849	1 755,471	18 849,174	10,737	10,268
59	56	87 807	1 621,389	17 093,703	10,543	10,073
60	57	86 680	1 495,867	15 472,313	10,343	9,874
61	58	85 467	1 378,444	13 976,446	10,139	9,670
62	59	84 155	1 268,490	12 598,003	9,931	9,462
63	60	82 733	1 165,472	11 329,513	9,721	9,251
64	61	81 212	1 069,197	10 164,041	9,506	9,037
65	62	79 604	979,472	9 094,844	9,285	8,816
66	63	77 905	895,851	8 115,372	9,059	8,589
67	64	76 127	818,136	7 219,522	8,824	8,355
68	65	74 215	745,413	6 401,386	8,588	8,118
69	66	72 244	678,141	5 655,973	8,340	7,871
70	67	70 135	615,276	4 977,832	8,090	7,621
71	68	67 899	556,692	4 362,556	7,837	7,367
72	69	65 566	502,398	3 805,864	7,575	7,106
73	70	63 138	452,145	3 303,466	7,306	6,837
74	71	60 604	405,605	2 851,321	7,030	6,560
75	72	57 944	362,431	2 445,716	6,748	6,279
76	73	55 166	322,479	2 083,284	6,460	5,991
77	74	52 267	285,547	1 760,806	6,166	5,697
78	75	49 253	251,479	1 475,259	5,866	5,397
79	76	46 080	219,885	1 223,780	5,566	5,096
80	77	42 718	190,506	1 003,895	5,270	4,800
81	78	39 232	163,514	813,389	4,974	4,505
82	79	35 593	138,641	649,876	4,687	4,218
83	80	31 847	115,936	511,235	4,410	3,940
84	81	28 027	95,354	395,299	4,146	3,676
85	82	24 238	77,069	299,945	3,892	3,422
86	83	20 543	61,047	222,876	3,651	3,181
87	84	17 028	47,290	161,829	3,422	2,953
88	85	13 771	35,742	114,540	3,205	2,735
89	86	10 833	26,277	78,797	2,999	2,529
90	87	8 266	18,740	52,520	2,803	2,333
91	88	6 096	12,915	33,780	2,616	2,146
92	89	4 304	8,522	20,865	2,448	1,979
93	90	2 902	5,370	12,343	2,299	1,829
94	91	1 869	3,233	6,974	2,157	1,687
95	92	1 131	1,828	3,740	2,046	1,577
96	93	656	0,991	1,912	1,930	1,460
97	94	357	0,504	0,921	1,830	1,360
98	95	181	0,238	0,418	1,754	1,284
99	96	87	0,107	0,180	1,682	1,212
100	97	39	0,045	0,073	1,624	1,154

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	75 976,609	1 140 574,945	15,012	14,543
5	1	99 273	70 780,414	1 064 598,336	15,041	14,571
6	2	99 241	66 128,403	993 817,922	15,029	14,559
7	3	99 219	61 788,478	927 689,520	15,014	14,544
8	4	99 199	57 734,500	865 901,042	14,998	14,528
9	5	99 182	53 948,175	808 166,542	14,980	14,511
10	6	99 166	50 411,020	754 218,368	14,961	14,492
11	7	99 152	47 106,378	703 807,348	14,941	14,471
12	8	99 138	44 018,551	656 700,970	14,919	14,449
13	9	99 124	41 133,062	612 682,419	14,895	14,426
14	10	99 108	38 435,951	571 549,357	14,870	14,401
15	11	99 091	35 914,983	533 113,406	14,844	14,374
16	12	99 068	33 557,860	497 198,424	14,816	14,347
17	13	99 035	31 351,927	463 640,564	14,788	14,319
18	14	98 997	29 289,764	432 288,637	14,759	14,290
19	15	98 949	27 360,246	402 998,872	14,729	14,260
20	16	98 895	25 556,449	375 638,626	14,698	14,229
21	17	98 837	23 870,398	350 082,177	14,666	14,196
22	18	98 778	22 295,541	326 211,779	14,631	14,162
23	19	98 714	20 823,315	303 916,238	14,595	14,125
24	20	98 649	19 448,351	283 092,923	14,556	14,087
25	21	98 583	18 163,879	263 644,572	14,515	14,045
26	22	98 519	16 964,611	245 480,693	14,470	14,001
27	23	98 456	15 844,522	228 516,083	14,422	13,953
28	24	98 382	14 796,939	212 671,561	14,373	13,903
29	25	98 315	13 819,448	197 874,622	14,319	13,849
30	26	98 240	12 905,570	184 055,174	14,262	13,792
31	27	98 165	12 051,986	171 149,605	14,201	13,731
32	28	98 076	11 253,326	159 097,619	14,138	13,668
33	29	97 983	10 507,139	147 844,292	14,071	13,601
34	30	97 888	9 810,244	137 337,153	13,999	13,530
35	31	97 780	9 158,349	127 526,909	13,925	13,455
36	32	97 662	8 548,877	118 368,560	13,846	13,377
37	33	97 541	7 979,745	109 819,684	13,762	13,293
38	34	97 415	7 448,065	101 839,939	13,673	13,204
39	35	97 275	6 950,784	94 391,874	13,580	13,111
40	36	97 130	6 486,358	87 441,090	13,481	13,011
41	37	96 962	6 051,560	80 954,732	13,377	12,908
42	38	96 789	5 645,573	74 903,172	13,268	12,798
43	39	96 588	5 265,289	69 257,599	13,154	12,684
44	40	96 373	4 909,846	63 992,310	13,033	12,564
45	41	96 134	4 577,293	59 082,464	12,908	12,438
46	42	95 865	4 265,842	54 505,170	12,777	12,308
47	43	95 576	3 974,757	50 239,328	12,640	12,170
48	44	95 252	3 702,158	46 264,571	12,497	12,027
49	45	94 890	3 446,806	42 562,413	12,348	11,879
50	46	94 487	3 207,606	39 115,607	12,195	11,725
51	47	94 035	2 983,424	35 908,001	12,036	11,566
52	48	93 537	2 773,500	32 924,576	11,871	11,402
53	49	92 974	2 576,458	30 151,076	11,703	11,233
54	50	92 343	2 391,558	27 574,619	11,530	11,060
55	51	91 647	2 218,262	25 183,061	11,353	10,883
56	52	90 883	2 055,845	22 964,799	11,170	10,701
57	53	90 040	1 903,541	20 908,954	10,984	10,515
58	54	89 117	1 760,770	19 005,413	10,794	10,324
59	55	88 099	1 626,780	17 244,643	10,600	10,131
60	56	86 995	1 501,300	15 617,863	10,403	9,933
61	57	85 810	1 383,969	14 116,563	10,200	9,731
62	58	84 528	1 274,110	12 732,594	9,993	9,524
63	59	83 135	1 171,128	11 458,485	9,784	9,315
64	60	81 652	1 074,992	10 287,356	9,570	9,100
65	61	80 052	984,983	9 212,364	9,353	8,883
66	62	78 381	901,328	8 227,381	9,128	8,659
67	63	76 632	823,558	7 326,054	8,896	8,426
68	64	74 760	750,885	6 502,496	8,660	8,190
69	65	72 827	683,618	5 751,611	8,413	7,944
70	66	70 753	620,699	5 067,993	8,165	7,695
71	67	68 564	562,142	4 447,294	7,911	7,442
72	68	66 243	507,583	3 885,152	7,654	7,185
73	69	63 852	457,253	3 377,570	7,387	6,917
74	70	61 352	410,608	2 920,316	7,112	6,643
75	71	58 730	367,350	2 509,708	6,832	6,362
76	72	55 972	327,193	2 142,358	6,548	6,078
77	73	53 089	290,037	1 815,165	6,258	5,789
78	74	50 111	255,856	1 525,128	5,961	5,491
79	75	46 976	224,159	1 269,271	5,662	5,193
80	76	43 671	194,757	1 045,112	5,366	4,897
81	77	40 215	167,612	850,356	5,073	4,604
82	78	36 622	142,649	682,743	4,786	4,317
83	79	32 931	119,883	540,094	4,505	4,036
84	80	29 146	99,163	420,211	4,238	3,768
85	81	25 355	80,621	321,049	3,982	3,513
86	82	21 632	64,283	240,427	3,740	3,271
87	83	18 078	50,206	176,144	3,508	3,039
88	84	14 763	38,318	125,939	3,287	2,817
89	85	11 739	28,476	87,621	3,077	2,607
90	86	9 073	20,569	59,145	2,875	2,406
91	87	6 782	14,369	38,576	2,685	2,215
92	88	4 862	9,627	24,207	2,514	2,045
93	89	3 339	6,178	14,580	2,360	1,890
94	90	2 194	3,795	8,401	2,214	1,744
95	91	1 358	2,195	4,606	2,098	1,629
96	92	808	1,220	2,411	1,977	1,507
97	93	451	0,637	1,191	1,871	1,401
98	94	236	0,312	0,555	1,780	1,311
99	95	115	0,142	0,243	1,710	1,240
100	96	53	0,061	0,101	1,643	1,174

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	70 997,941	1 065 142,998	15,002	14,533
6	1	99 264	66 143,686	994 145,056	15,030	14,561
7	2	99 231	61 795,836	928 001,370	15,017	14,548
8	3	99 210	57 741,379	866 205,534	15,001	14,532
9	4	99 191	53 953,081	808 464,155	14,985	14,515
10	5	99 174	50 414,800	754 511,075	14,966	14,497
11	6	99 158	47 109,479	704 096,274	14,946	14,476
12	7	99 143	44 020,721	656 986,795	14,924	14,455
13	8	99 130	41 135,609	612 966,074	14,901	14,432
14	9	99 115	38 438,438	571 830,465	14,877	14,407
15	10	99 096	35 917,111	533 392,027	14,851	14,381
16	11	99 076	33 560,359	497 474,916	14,823	14,354
17	12	99 043	31 354,408	463 914,557	14,796	14,326
18	13	99 006	29 292,275	432 560,149	14,767	14,298
19	14	98 959	27 363,118	403 267,874	14,738	14,268
20	15	98 908	25 559,647	375 904,756	14,707	14,237
21	16	98 851	23 873,766	350 345,110	14,675	14,205
22	17	98 793	22 298,806	326 471,343	14,641	14,171
23	18	98 734	20 827,557	304 172,537	14,604	14,135
24	19	98 668	19 452,106	283 344,980	14,566	14,097
25	20	98 601	18 167,243	263 892,875	14,526	14,056
26	21	98 536	16 967,420	245 725,632	14,482	14,013
27	22	98 473	15 847,264	228 758,213	14,435	13,966
28	23	98 404	14 800,150	212 910,949	14,386	13,916
29	24	98 332	13 821,792	198 110,798	14,333	13,864
30	25	98 259	12 907,976	184 289,007	14,277	13,808
31	26	98 184	12 054,331	171 381,030	14,217	13,748
32	27	98 097	11 255,785	159 326,699	14,155	13,686
33	28	98 007	10 509,760	148 070,914	14,089	13,619
34	29	97 913	9 812,783	137 561,154	14,019	13,549
35	30	97 809	9 161,069	127 748,371	13,945	13,475
36	31	97 693	8 551,606	118 587,301	13,867	13,398
37	32	97 575	7 982,515	110 035,695	13,785	13,315
38	33	97 450	7 450,718	102 053,180	13,697	13,228
39	34	97 313	6 953,503	94 602,462	13,605	13,135
40	35	97 169	6 488,970	87 648,959	13,507	13,038
41	36	97 008	6 054,399	81 159,989	13,405	12,936
42	37	96 834	5 648,173	75 105,590	13,297	12,828
43	38	96 645	5 268,375	69 457,418	13,184	12,714
44	39	96 430	4 912,773	64 189,043	13,066	12,596
45	40	96 200	4 580,402	59 276,270	12,941	12,472
46	41	95 938	4 269,099	54 695,868	12,812	12,343
47	42	95 655	3 978,058	50 426,769	12,676	12,207
48	43	95 338	3 705,493	46 448,711	12,535	12,066
49	44	94 987	3 450,325	42 743,219	12,388	11,919
50	45	94 592	3 211,177	39 292,893	12,236	11,767
51	46	94 154	2 987,217	36 081,716	12,079	11,609
52	47	93 672	2 777,482	33 094,499	11,915	11,446
53	48	93 123	2 580,585	30 317,017	11,748	11,279
54	49	92 511	2 395,898	27 736,432	11,577	11,107
55	50	91 828	2 222,642	25 340,534	11,401	10,932
56	51	91 084	2 060,396	23 117,892	11,220	10,751
57	52	90 262	1 908,227	21 057,496	11,035	10,566
58	53	89 362	1 765,596	19 149,270	10,846	10,376
59	54	88 365	1 631,690	17 383,674	10,654	10,184
60	55	87 284	1 506,291	15 751,983	10,457	9,988
61	56	86 121	1 388,996	14 245,693	10,256	9,787
62	57	84 867	1 279,217	12 856,697	10,050	9,581
63	58	83 503	1 176,317	11 577,481	9,842	9,373
64	59	82 048	1 080,209	10 401,164	9,629	9,159
65	60	80 486	990,322	9 320,955	9,412	8,943
66	61	78 822	906,399	8 330,633	9,191	8,721
67	62	77 100	828,593	7 424,234	8,960	8,491
68	63	75 256	755,862	6 595,640	8,726	8,256
69	64	73 362	688,636	5 839,779	8,480	8,011
70	65	71 325	625,712	5 151,142	8,232	7,763
71	66	69 168	567,096	4 525,430	7,980	7,511
72	67	66 891	512,552	3 958,335	7,723	7,253
73	68	64 511	461,972	3 445,783	7,459	6,989
74	69	62 045	415,247	2 983,811	7,186	6,716
75	70	59 455	371,881	2 568,564	6,907	6,437
76	71	56 732	331,634	2 196,683	6,624	6,154
77	72	53 865	294,277	1 865,049	6,338	5,868
78	73	50 899	259,880	1 570,771	6,044	5,575
79	74	47 794	228,061	1 310,891	5,748	5,278
80	75	44 520	198,543	1 082,831	5,454	4,984
81	76	41 113	171,352	884,288	5,161	4,691
82	77	37 540	146,225	712,936	4,876	4,406
83	78	33 884	123,349	566,711	4,594	4,125
84	79	30 139	102,539	443,362	4,324	3,854
85	80	26 368	83,841	340,824	4,065	3,596
86	81	22 629	67,246	256,982	3,822	3,352
87	82	19 036	52,867	189,736	3,589	3,119
88	83	15 673	40,681	136,869	3,364	2,895
89	84	12 585	30,528	96,188	3,151	2,681
90	85	9 832	22,290	65,660	2,946	2,476
91	86	7 444	15,771	43,370	2,750	2,280
92	87	5 409	10,711	27,599	2,577	2,107
93	88	3 772	6,980	16,888	2,419	1,950
94	89	2 525	4,366	9,908	2,269	1,800
95	90	1 594	2,576	5,541	2,151	1,681
96	91	970	1,465	2,965	2,024	1,554
97	92	555	0,784	1,500	1,914	1,444
98	93	299	0,394	0,716	1,818	1,349
99	94	151	0,186	0,322	1,734	1,265
100	95	71	0,082	0,136	1,669	1,200

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	66 346,963	994 647,298	14,992	14,522
7	1	99 254	61 810,118	928 300,335	15,019	14,549
8	2	99 222	57 748,255	866 490,217	15,005	14,535
9	3	99 202	53 959,509	808 741,961	14,988	14,518
10	4	99 183	50 419,385	754 782,452	14,970	14,501
11	5	99 166	47 113,012	704 363,067	14,950	14,481
12	6	99 150	44 023,619	657 250,055	14,929	14,460
13	7	99 135	41 137,637	613 226,436	14,907	14,437
14	8	99 121	38 440,818	572 088,799	14,882	14,413
15	9	99 103	35 919,435	533 647,981	14,857	14,387
16	10	99 082	33 562,348	497 728,546	14,830	14,360
17	11	99 050	31 356,743	464 166,198	14,803	14,333
18	12	99 014	29 294,593	432 809,455	14,774	14,305
19	13	98 968	27 365,464	403 514,862	14,745	14,276
20	14	98 918	25 562,329	376 149,398	14,715	14,245
21	15	98 863	23 876,753	350 587,069	14,683	14,214
22	16	98 807	22 301,953	326 710,316	14,649	14,180
23	17	98 748	20 830,607	304 408,363	14,614	14,144
24	18	98 688	19 456,068	283 577,756	14,575	14,106
25	19	98 621	18 170,750	264 121,688	14,536	14,066
26	20	98 554	16 970,562	245 950,938	14,493	14,023
27	21	98 489	15 849,888	228 980,376	14,447	13,977
28	22	98 421	14 802,712	213 130,488	14,398	13,929
29	23	98 353	13 824,791	198 327,776	14,346	13,876
30	24	98 275	12 910,166	184 502,985	14,291	13,822
31	25	98 202	12 056,579	171 592,819	14,232	13,763
32	26	98 116	11 257,976	159 536,240	14,171	13,701
33	27	98 028	10 512,056	148 278,264	14,106	13,636
34	28	97 937	9 815,231	137 766,208	14,036	13,566
35	29	97 834	9 163,441	127 950,977	13,963	13,494
36	30	97 722	8 554,146	118 787,537	13,887	13,417
37	31	97 606	7 985,064	110 233,390	13,805	13,335
38	32	97 484	7 453,305	102 248,326	13,719	13,249
39	33	97 348	6 955,980	94 795,022	13,628	13,158
40	34	97 207	6 491,509	87 839,042	13,531	13,062
41	35	97 047	6 056,836	81 347,533	13,431	12,961
42	36	96 879	5 650,822	75 290,697	13,324	12,854
43	37	96 689	5 270,801	69 639,875	13,212	12,743
44	38	96 487	4 915,652	64 369,074	13,095	12,625
45	39	96 257	4 583,132	59 453,423	12,972	12,503
46	40	96 003	4 271,998	54 870,291	12,844	12,375
47	41	95 728	3 981,095	50 598,292	12,710	12,240
48	42	95 417	3 708,570	46 617,197	12,570	12,101
49	43	95 073	3 453,433	42 908,627	12,425	11,955
50	44	94 688	3 214,456	39 455,194	12,274	11,805
51	45	94 259	2 990,543	36 240,738	12,118	11,649
52	46	93 791	2 781,013	33 250,195	11,956	11,487
53	47	93 257	2 584,290	30 469,182	11,790	11,321
54	48	92 659	2 399,736	27 884,892	11,620	11,150
55	49	91 995	2 226,675	25 485,156	11,445	10,976
56	50	91 264	2 064,464	23 258,480	11,266	10,797
57	51	90 462	1 912,451	21 194,016	11,082	10,613
58	52	89 581	1 769,942	19 281,566	10,894	10,424
59	53	88 607	1 636,162	17 511,624	10,703	10,233
60	54	87 548	1 510,838	15 875,462	10,508	10,038
61	55	86 408	1 393,613	14 364,624	10,307	9,838
62	56	85 175	1 283,863	12 971,011	10,103	9,634
63	57	83 838	1 181,032	11 687,148	9,896	9,426
64	58	82 412	1 084,995	10 506,116	9,683	9,214
65	59	80 877	995,128	9 421,122	9,467	8,998
66	60	79 249	911,312	8 425,993	9,246	8,776
67	61	77 534	833,255	7 514,681	9,018	8,549
68	62	75 716	760,483	6 681,426	8,786	8,316
69	63	73 848	693,201	5 920,943	8,541	8,072
70	64	71 848	630,305	5 227,742	8,294	7,824
71	65	69 727	571,676	4 597,437	8,042	7,573
72	66	67 481	517,069	4 025,761	7,786	7,316
73	67	65 142	466,495	3 508,693	7,521	7,052
74	68	62 685	419,533	3 042,198	7,251	6,782
75	69	60 127	376,082	2 622,665	6,974	6,504
76	70	57 431	335,724	2 246,583	6,692	6,222
77	71	54 596	298,271	1 910,859	6,406	5,937
78	72	51 643	263,680	1 612,587	6,116	5,646
79	73	48 545	231,647	1 348,908	5,823	5,354
80	74	45 295	201,998	1 117,260	5,531	5,062
81	75	41 912	174,683	915,262	5,240	4,770
82	76	38 377	149,488	740,579	4,954	4,485
83	77	34 733	126,441	591,091	4,675	4,205
84	78	31 010	105,503	464,651	4,404	3,935
85	79	27 266	86,696	359,148	4,143	3,673
86	80	23 533	69,932	272,452	3,896	3,426
87	81	19 913	55,304	202,520	3,662	3,192
88	82	16 504	42,838	147,216	3,437	2,967
89	83	13 361	32,411	104,378	3,221	2,751
90	84	10 541	23,896	71,968	3,012	2,542
91	85	8 067	17,091	48,072	2,813	2,343
92	86	5 937	11,756	30,980	2,635	2,166
93	87	4 196	7,766	19,224	2,476	2,006
94	88	2 852	4,933	11,458	2,323	1,853
95	89	1 834	2,965	6,526	2,201	1,732
96	90	1 138	1,719	3,561	2,071	1,602
97	91	667	0,941	1,842	1,957	1,487
98	92	367	0,485	0,901	1,858	1,388
99	93	191	0,235	0,416	1,769	1,300
100	94	93	0,107	0,181	1,691	1,222

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	62 000,078	928 763,437	14,980	14,511
8	1	99 245	57 761,602	866 763,359	15,006	14,536
9	2	99 214	53 965,936	809 001,758	14,991	14,521
10	3	99 194	50 425,393	755 035,822	14,973	14,504
11	4	99 175	47 117,297	704 610,429	14,954	14,485
12	5	99 157	44 026,921	657 493,133	14,934	14,464
13	6	99 142	41 140,345	613 466,212	14,912	14,442
14	7	99 126	38 442,713	572 325,867	14,888	14,418
15	8	99 109	35 921,659	533 883,154	14,862	14,393
16	9	99 088	33 564,520	497 961,495	14,836	14,366
17	10	99 056	31 358,601	464 396,975	14,809	14,340
18	11	99 021	29 296,775	433 038,374	14,781	14,312
19	12	98 976	27 367,629	403 741,599	14,753	14,283
20	13	98 927	25 564,520	376 373,970	14,723	14,253
21	14	98 874	23 879,259	350 809,449	14,691	14,221
22	15	98 819	22 304,743	326 930,190	14,657	14,188
23	16	98 762	20 833,546	304 625,447	14,622	14,152
24	17	98 703	19 458,917	283 791,901	14,584	14,115
25	18	98 641	18 174,451	264 332,984	14,544	14,075
26	19	98 573	16 973,839	246 158,533	14,502	14,033
27	20	98 507	15 852,824	229 184,694	14,457	13,988
28	21	98 437	14 805,163	213 331,871	14,409	13,940
29	22	98 370	13 827,184	198 526,708	14,358	13,888
30	23	98 297	12 912,968	184 699,524	14,303	13,834
31	24	98 219	12 058,624	171 786,556	14,246	13,776
32	25	98 135	11 260,075	159 727,932	14,185	13,716
33	26	98 048	10 514,102	148 467,857	14,121	13,651
34	27	97 959	9 817,376	137 953,755	14,052	13,582
35	28	97 859	9 165,726	128 136,379	13,980	13,510
36	29	97 747	8 556,360	118 970,653	13,904	13,435
37	30	97 635	7 987,436	110 414,293	13,823	13,354
38	31	97 515	7 455,684	102 426,857	13,738	13,269
39	32	97 381	6 958,395	94 971,172	13,648	13,179
40	33	97 241	6 493,821	88 012,778	13,553	13,084
41	34	97 085	6 059,206	81 518,957	13,454	12,984
42	35	96 918	5 653,097	75 459,751	13,348	12,879
43	36	96 735	5 273,273	69 806,653	13,238	12,768
44	37	96 531	4 917,915	64 533,381	13,122	12,653
45	38	96 313	4 585,818	59 615,466	13,000	12,530
46	39	96 060	4 274,545	55 029,648	12,874	12,404
47	40	95 793	3 983,799	50 755,103	12,740	12,271
48	41	95 490	3 711,401	46 771,304	12,602	12,133
49	42	95 152	3 456,301	43 059,903	12,458	11,989
50	43	94 774	3 217,351	39 603,601	12,309	11,840
51	44	94 355	2 993,596	36 386,250	12,155	11,685
52	45	93 895	2 784,109	33 392,654	11,994	11,525
53	46	93 376	2 587,576	30 608,545	11,829	11,360
54	47	92 792	2 403,181	28 020,969	11,660	11,190
55	48	92 142	2 230,243	25 617,788	11,487	11,017
56	49	91 429	2 068,210	23 387,545	11,308	10,839
57	50	90 640	1 916,227	21 319,335	11,126	10,656
58	51	89 780	1 773,860	19 403,108	10,938	10,469
59	52	88 825	1 640,189	17 629,248	10,748	10,279
60	53	87 788	1 514,979	15 989,059	10,554	10,084
61	54	86 669	1 397,820	14 474,080	10,355	9,885
62	55	85 458	1 288,131	13 076,260	10,151	9,682
63	56	84 142	1 185,321	11 788,129	9,945	9,476
64	57	82 742	1 089,344	10 602,808	9,733	9,264
65	58	81 235	999,537	9 513,464	9,518	9,048
66	59	79 634	915,735	8 513,927	9,297	8,828
67	60	77 954	837,772	7 598,192	9,070	8,600
68	61	76 142	764,762	6 760,421	8,840	8,370
69	62	74 300	697,439	5 995,659	8,597	8,127
70	63	72 324	634,483	5 298,220	8,350	7,881
71	64	70 238	575,872	4 663,737	8,099	7,629
72	65	68 026	521,245	4 087,865	7,843	7,373
73	66	65 716	470,606	3 566,620	7,579	7,109
74	67	63 299	423,640	3 096,014	7,308	6,839
75	68	60 747	379,964	2 672,375	7,033	6,564
76	69	58 080	339,517	2 292,411	6,752	6,282
77	70	55 270	301,950	1 952,894	6,468	5,998
78	71	52 344	267,258	1 650,943	6,177	5,708
79	72	49 255	235,034	1 383,685	5,887	5,418
80	73	46 007	205,175	1 148,651	5,598	5,129
81	74	42 641	177,724	943,476	5,309	4,839
82	75	39 123	152,393	765,752	5,025	4,555
83	76	35 508	129,262	613,359	4,745	4,276
84	77	31 787	108,148	484,097	4,476	4,007
85	78	28 054	89,202	375,950	4,215	3,745
86	79	24 334	72,313	286,747	3,965	3,496
87	80	20 709	57,513	214,435	3,728	3,259
88	81	17 265	44,812	156,922	3,502	3,032
89	82	14 069	34,129	112,110	3,285	2,815
90	83	11 191	25,370	77,981	3,074	2,604
91	84	8 648	18,323	52,611	2,871	2,402
92	85	6 434	12,740	34,288	2,691	2,222
93	86	4 606	8,524	21,548	2,528	2,059
94	87	3 173	5,488	13,025	2,373	1,904
95	88	2 072	3,349	7,537	2,250	1,781
96	89	1 310	1,978	4,188	2,117	1,647
97	90	782	1,105	2,209	2,000	1,530
98	91	441	0,582	1,105	1,897	1,427
99	92	235	0,289	0,522	1,805	1,336
100	93	117	0,135	0,233	1,724	1,254

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7						
8	0	99 550	57 939,119	867 190,370	14,967	14,498
9	1	99 237	53 978,408	809 251,251	14,992	14,523
10	2	99 206	50 431,398	755 272,843	14,976	14,507
11	3	99 187	47 122,911	704 841,445	14,958	14,488
12	4	99 166	44 030,924	657 718,534	14,938	14,468
13	5	99 149	41 143,431	613 687,610	14,916	14,446
14	6	99 132	38 445,244	572 544,179	14,892	14,423
15	7	99 114	35 923,430	534 098,936	14,868	14,398
16	8	99 094	33 566,598	498 175,506	14,841	14,372
17	9	99 062	31 360,631	464 608,908	14,815	14,346
18	10	99 027	29 298,511	433 248,277	14,787	14,318
19	11	98 983	27 369,667	403 949,766	14,759	14,290
20	12	98 934	25 566,543	376 580,099	14,729	14,260
21	13	98 882	23 881,306	351 013,555	14,698	14,229
22	14	98 829	22 307,084	327 132,249	14,665	14,195
23	15	98 774	20 836,153	304 825,165	14,630	14,160
24	16	98 717	19 461,663	283 989,012	14,592	14,123
25	17	98 655	18 177,112	264 527,349	14,553	14,083
26	18	98 593	16 977,296	246 350,237	14,511	14,041
27	19	98 526	15 855,884	229 372,941	14,466	13,997
28	20	98 455	14 807,905	213 517,057	14,419	13,950
29	21	98 386	13 829,474	198 709,152	14,369	13,899
30	22	98 314	12 915,203	184 879,678	14,315	13,845
31	23	98 240	12 061,241	171 964,476	14,258	13,788
32	24	98 151	11 261,985	159 903,235	14,198	13,729
33	25	98 066	10 516,063	148 641,250	14,135	13,665
34	26	97 978	9 819,286	138 125,187	14,067	13,597
35	27	97 880	9 167,729	128 305,901	13,995	13,526
36	28	97 772	8 558,495	119 138,172	13,920	13,451
37	29	97 661	7 989,503	110 579,677	13,841	13,371
38	30	97 544	7 457,899	102 590,174	13,756	13,286
39	31	97 413	6 960,616	95 132,275	13,667	13,198
40	32	97 275	6 496,075	88 171,658	13,573	13,104
41	33	97 119	6 061,364	81 675,583	13,475	13,005
42	34	96 956	5 655,309	75 614,219	13,370	12,901
43	35	96 774	5 275,396	69 958,910	13,261	12,792
44	36	96 576	4 920,222	64 683,514	13,146	12,677
45	37	96 358	4 587,929	59 763,292	13,026	12,557
46	38	96 117	4 277,050	55 175,363	12,900	12,431
47	39	95 850	3 986,174	50 898,313	12,769	12,299
48	40	95 555	3 713,922	46 912,139	12,631	12,162
49	41	95 224	3 458,940	43 198,217	12,489	12,019
50	42	94 852	3 220,023	39 739,277	12,341	11,872
51	43	94 440	2 996,293	36 519,254	12,188	11,719
52	44	93 991	2 786,952	33 522,961	12,029	11,559
53	45	93 480	2 590,456	30 736,010	11,865	11,396
54	46	92 910	2 406,237	28 145,554	11,697	11,227
55	47	92 275	2 233,445	25 739,317	11,524	11,055
56	48	91 576	2 071,524	23 505,872	11,347	10,878
57	49	90 805	1 919,704	21 434,348	11,165	10,696
58	50	89 957	1 777,362	19 514,644	10,980	10,510
59	51	89 022	1 643,820	17 737,282	10,790	10,321
60	52	88 004	1 518,707	16 093,461	10,597	10,127
61	53	86 906	1 401,651	14 574,754	10,398	9,929
62	54	85 716	1 292,019	13 173,103	10,196	9,726
63	55	84 422	1 189,262	11 881,084	9,990	9,521
64	56	83 043	1 093,300	10 691,822	9,779	9,310
65	57	81 561	1 003,543	9 598,522	9,565	9,095
66	58	79 987	919,792	8 594,978	9,344	8,875
67	59	78 332	841,838	7 675,187	9,117	8,648
68	60	76 555	768,907	6 833,349	8,887	8,418
69	61	74 718	701,363	6 064,442	8,647	8,177
70	62	72 766	638,362	5 363,079	8,401	7,932
71	63	70 704	579,689	4 724,717	8,150	7,681
72	64	68 525	525,071	4 145,027	7,894	7,425
73	65	66 247	474,407	3 619,956	7,630	7,161
74	66	63 857	427,373	3 145,550	7,360	6,891
75	67	61 342	383,683	2 718,177	7,084	6,615
76	68	58 680	343,021	2 334,493	6,806	6,336
77	69	55 894	305,362	1 991,472	6,522	6,052
78	70	52 989	270,554	1 686,110	6,232	5,763
79	71	49 923	238,224	1 415,556	5,942	5,473
80	72	46 680	208,175	1 177,332	5,655	5,186
81	73	43 312	180,519	969,157	5,369	4,899
82	74	39 804	155,046	788,639	5,086	4,617
83	75	36 198	131,774	633,593	4,808	4,339
84	76	32 497	110,561	501,818	4,539	4,069
85	77	28 757	91,438	391,257	4,279	3,809
86	78	25 038	74,404	299,819	4,030	3,560
87	79	21 414	59,471	225,416	3,790	3,321
88	80	17 955	46,602	165,945	3,561	3,091
89	81	14 718	35,702	119,343	3,343	2,873
90	82	11 784	26,715	83,641	3,131	2,661
91	83	9 181	19,453	56,927	2,926	2,457
92	84	6 898	13,658	37,474	2,744	2,274
93	85	4 991	9,237	23,816	2,578	2,109
94	86	3 483	6,024	14,579	2,420	1,951
95	87	2 305	3,726	8,555	2,296	1,826
96	88	1 480	2,235	4,829	2,161	1,691
97	89	900	1,271	2,594	2,041	1,572
98	90	518	0,683	1,323	1,936	1,467
99	91	282	0,347	0,640	1,841	1,372
100	92	144	0,166	0,292	1,757	1,288

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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4						
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7						
8						
9	0	99 542	54 144,298	809 644,991	14,953	14,484
10	1	99 229	50 443,053	755 500,693	14,977	14,508
11	2	99 199	47 128,523	705 057,640	14,960	14,491
12	3	99 178	44 036,171	657 929,117	14,941	14,471
13	4	99 158	41 147,172	613 892,946	14,919	14,450
14	5	99 140	38 448,127	572 745,774	14,897	14,427
15	6	99 120	35 925,795	534 297,647	14,872	14,403
16	7	99 099	33 568,253	498 371,852	14,847	14,377
17	8	99 069	31 362,572	464 803,599	14,820	14,351
18	9	99 033	29 300,407	433 441,027	14,793	14,323
19	10	98 989	27 371,289	404 140,620	14,765	14,296
20	11	98 942	25 568,448	376 769,331	14,736	14,266
21	12	98 890	23 883,196	351 200,883	14,705	14,235
22	13	98 838	22 308,997	327 317,687	14,672	14,202
23	14	98 785	20 838,340	305 008,691	14,637	14,167
24	15	98 729	19 464,098	284 170,351	14,600	14,130
25	16	98 669	18 179,678	264 706,253	14,561	14,091
26	17	98 608	16 979,782	246 526,576	14,519	14,049
27	18	98 546	15 859,114	229 546,794	14,474	14,005
28	19	98 474	14 810,764	213 687,680	14,428	13,958
29	20	98 405	13 832,035	198 876,916	14,378	13,908
30	21	98 330	12 917,341	185 044,882	14,325	13,856
31	22	98 257	12 063,329	172 127,540	14,269	13,799
32	23	98 173	11 264,429	160 064,212	14,210	13,740
33	24	98 082	10 517,846	148 799,783	14,147	13,678
34	25	97 996	9 821,117	138 281,936	14,080	13,611
35	26	97 899	9 169,513	128 460,819	14,010	13,540
36	27	97 793	8 560,365	119 291,306	13,935	13,466
37	28	97 685	7 991,496	110 730,941	13,856	13,387
38	29	97 569	7 459,829	102 739,445	13,772	13,303
39	30	97 442	6 962,684	95 279,615	13,684	13,215
40	31	97 306	6 498,149	88 316,931	13,591	13,122
41	32	97 153	6 063,469	81 818,782	13,494	13,024
42	33	96 991	5 657,323	75 755,313	13,391	12,921
43	34	96 812	5 277,460	70 097,990	13,283	12,813
44	35	96 615	4 922,203	64 820,530	13,169	12,699
45	36	96 403	4 590,081	59 898,327	13,050	12,580
46	37	96 161	4 279,019	55 308,246	12,925	12,456
47	38	95 907	3 988,510	51 029,227	12,794	12,325
48	39	95 612	3 716,136	47 040,717	12,659	12,189
49	40	95 289	3 461,289	43 324,581	12,517	12,047
50	41	94 925	3 222,481	39 863,292	12,370	11,901
51	42	94 519	2 998,781	36 640,811	12,219	11,749
52	43	94 076	2 789,462	33 642,030	12,060	11,591
53	44	93 575	2 593,101	30 852,568	11,898	11,428
54	45	93 013	2 408,915	28 259,466	11,731	11,262
55	46	92 392	2 236,284	25 850,551	11,560	11,090
56	47	91 707	2 074,498	23 614,267	11,383	10,914
57	48	90 950	1 922,780	21 539,769	11,202	10,733
58	49	90 120	1 780,588	19 616,989	11,017	10,548
59	50	89 198	1 647,066	17 836,401	10,829	10,360
60	51	88 198	1 522,069	16 189,335	10,636	10,167
61	52	87 120	1 405,101	14 667,266	10,439	9,969
62	53	85 951	1 295,560	13 262,165	10,237	9,767
63	54	84 677	1 192,852	11 966,605	10,032	9,562
64	55	83 319	1 096,935	10 773,753	9,822	9,352
65	56	81 857	1 007,188	9 676,818	9,608	9,138
66	57	80 307	923,478	8 669,630	9,388	8,919
67	58	78 679	845,567	7 746,152	9,161	8,691
68	59	76 926	772,639	6 900,584	8,931	8,462
69	60	75 123	705,165	6 127,945	8,690	8,221
70	61	73 176	641,954	5 422,781	8,447	7,978
71	62	71 136	583,233	4 780,827	8,197	7,728
72	63	68 979	528,552	4 197,594	7,942	7,472
73	64	66 733	477,889	3 669,042	7,678	7,208
74	65	64 372	430,825	3 191,153	7,407	6,938
75	66	61 882	387,064	2 760,328	7,131	6,662
76	67	59 254	346,379	2 373,264	6,852	6,382
77	68	56 471	308,513	2 026,885	6,570	6,100
78	69	53 588	273,611	1 718,371	6,280	5,811
79	70	50 539	241,162	1 444,760	5,991	5,521
80	71	47 313	211,000	1 203,598	5,704	5,235
81	72	43 945	183,158	992,598	5,419	4,950
82	73	40 430	157,484	809,440	5,140	4,670
83	74	36 828	134,068	651,956	4,863	4,393
84	75	33 128	112,710	517,888	4,595	4,125
85	76	29 399	93,478	405,178	4,334	3,865
86	77	25 665	76,268	311,700	4,087	3,617
87	78	22 033	61,190	235,431	3,848	3,378
88	79	18 566	48,189	174,241	3,616	3,146
89	80	15 306	37,128	126,052	3,395	2,926
90	81	12 327	27,946	88,925	3,182	2,713
91	82	9 668	20,484	60,979	2,977	2,507
92	83	7 323	14,500	40,495	2,793	2,323
93	84	5 351	9,902	25,994	2,625	2,156
94	85	3 774	6,528	16,092	2,465	1,996
95	86	2 530	4,090	9,564	2,339	1,869
96	87	1 646	2,487	5,474	2,201	1,732
97	88	1 017	1,436	2,988	2,081	1,611
98	89	596	0,786	1,552	1,973	1,504
99	90	331	0,408	0,765	1,877	1,408
100	91	173	0,200	0,358	1,791	1,321

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7						
8						
9						
10	0	99 534	50 598,079	755 863,771	14,939	14,469
11	1	99 221	47 139,415	705 265,693	14,961	14,492
12	2	99 190	44 041,415	658 126,278	14,943	14,474
13	3	99 170	41 152,075	614 084,863	14,922	14,453
14	4	99 149	38 451,624	572 932,788	14,900	14,431
15	5	99 128	35 928,489	534 481,164	14,876	14,407
16	6	99 106	33 570,463	498 552,675	14,851	14,381
17	7	99 073	31 364,119	464 982,213	14,825	14,356
18	8	99 040	29 302,221	433 618,094	14,798	14,329
19	9	98 995	27 373,060	404 315,873	14,771	14,301
20	10	98 948	25 569,963	376 942,812	14,742	14,272
21	11	98 897	23 884,975	351 372,850	14,711	14,242
22	12	98 846	22 310,762	327 487,875	14,678	14,209
23	13	98 793	20 840,126	305 177,113	14,644	14,174
24	14	98 739	19 466,141	284 336,987	14,607	14,137
25	15	98 681	18 181,952	264 870,847	14,568	14,098
26	16	98 622	16 982,178	246 688,894	14,526	14,057
27	17	98 561	15 861,436	229 706,716	14,482	14,013
28	18	98 494	14 813,780	213 845,280	14,436	13,966
29	19	98 424	13 834,705	199 031,500	14,386	13,917
30	20	98 348	12 919,733	185 196,795	14,334	13,865
31	21	98 273	12 065,326	172 277,061	14,279	13,809
32	22	98 190	11 266,379	160 211,735	14,220	13,751
33	23	98 104	10 520,129	148 945,356	14,158	13,689
34	24	98 013	9 822,783	138 425,227	14,092	13,623
35	25	97 917	9 171,223	128 602,444	14,022	13,553
36	26	97 812	8 562,031	119 431,221	13,949	13,479
37	27	97 706	7 993,242	110 869,190	13,870	13,401
38	28	97 593	7 461,690	102 875,948	13,787	13,318
39	29	97 467	6 964,486	95 414,258	13,700	13,231
40	30	97 335	6 500,079	88 449,772	13,607	13,138
41	31	97 184	6 065,405	81 949,692	13,511	13,041
42	32	97 024	5 659,287	75 884,287	13,409	12,939
43	33	96 846	5 279,340	70 225,000	13,302	12,832
44	34	96 653	4 924,129	64 945,660	13,189	12,720
45	35	96 442	4 591,930	60 021,531	13,071	12,602
46	36	96 206	4 281,026	55 429,602	12,948	12,478
47	37	95 951	3 990,346	51 148,576	12,818	12,349
48	38	95 668	3 718,313	47 158,230	12,683	12,213
49	39	95 346	3 463,352	43 439,916	12,543	12,073
50	40	94 989	3 224,670	39 976,564	12,397	11,928
51	41	94 591	3 001,071	36 751,894	12,246	11,777
52	42	94 154	2 791,778	33 750,823	12,089	11,620
53	43	93 659	2 595,437	30 959,045	11,928	11,459
54	44	93 108	2 411,375	28 363,608	11,762	11,293
55	45	92 495	2 238,773	25 952,233	11,592	11,123
56	46	91 824	2 077,135	23 713,459	11,416	10,947
57	47	91 081	1 925,540	21 636,324	11,236	10,767
58	48	90 265	1 783,441	19 710,784	11,052	10,583
59	49	89 360	1 650,055	17 927,343	10,865	10,395
60	50	88 373	1 525,075	16 277,288	10,673	10,204
61	51	87 313	1 408,211	14 752,213	10,476	10,006
62	52	86 163	1 298,749	13 344,002	10,275	9,805
63	53	84 909	1 196,121	12 045,253	10,070	9,601
64	54	83 570	1 100,246	10 849,132	9,861	9,391
65	55	82 129	1 010,537	9 748,886	9,647	9,178
66	56	80 599	926,833	8 738,349	9,428	8,959
67	57	78 995	848,957	7 811,517	9,201	8,732
68	58	77 267	776,062	6 962,560	8,972	8,502
69	59	75 487	708,587	6 186,498	8,731	8,261
70	60	73 573	645,433	5 477,911	8,487	8,018
71	61	71 536	586,515	4 832,478	8,239	7,770
72	62	69 401	531,783	4 245,963	7,984	7,515
73	63	67 176	481,057	3 714,180	7,721	7,251
74	64	64 845	433,987	3 233,124	7,450	6,980
75	65	62 382	390,191	2 799,136	7,174	6,704
76	66	59 776	349,432	2 408,945	6,894	6,424
77	67	57 024	311,533	2 059,514	6,611	6,141
78	68	54 141	276,435	1 747,980	6,323	5,854
79	69	51 110	243,887	1 471,545	6,034	5,564
80	70	47 897	213,603	1 227,659	5,747	5,278
81	71	44 542	185,644	1 014,056	5,462	4,993
82	72	41 021	159,787	828,412	5,184	4,715
83	73	37 407	136,176	668,626	4,910	4,440
84	74	33 705	114,672	532,449	4,643	4,174
85	75	29 970	95,295	417,778	4,384	3,915
86	76	26 238	77,970	322,482	4,136	3,666
87	77	22 585	62,724	244,512	3,898	3,429
88	78	19 103	49,582	181,788	3,666	3,197
89	79	15 827	38,392	132,206	3,444	2,974
90	80	12 819	29,062	93,814	3,228	2,759
91	81	10 114	21,428	64,752	3,022	2,552
92	82	7 711	15,269	43,324	2,837	2,368
93	83	5 681	10,513	28,055	2,669	2,199
94	84	4 046	6,998	17,542	2,507	2,037
95	85	2 742	4,432	10,544	2,379	1,909
96	86	1 807	2,729	6,112	2,239	1,770
97	87	1 132	1,598	3,382	2,117	1,648
98	88	673	0,888	1,785	2,009	1,540
99	89	380	0,469	0,897	1,911	1,442
100	90	203	0,234	0,428	1,823	1,354

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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7						
8						
9						
10						
11	0	99 526	47 284,287	705 600,518	14,923	14,453
12	1	99 213	44 051,594	658 316,231	14,944	14,475
13	2	99 182	41 156,976	614 264,638	14,925	14,455
14	3	99 161	38 456,205	573 107,662	14,903	14,433
15	4	99 137	35 931,756	534 651,457	14,880	14,410
16	5	99 113	33 572,980	498 719,700	14,855	14,385
17	6	99 080	31 366,183	465 146,720	14,830	14,360
18	7	99 044	29 303,666	433 780,537	14,803	14,333
19	8	99 002	27 374,755	404 476,871	14,776	14,306
20	9	98 954	25 571,617	377 102,116	14,747	14,277
21	10	98 903	23 886,390	351 530,498	14,717	14,247
22	11	98 853	22 312,424	327 644,108	14,684	14,215
23	12	98 801	20 841,775	305 331,685	14,650	14,180
24	13	98 748	19 467,809	284 489,910	14,613	14,144
25	14	98 692	18 183,860	265 022,100	14,575	14,105
26	15	98 634	16 984,303	246 838,240	14,533	14,064
27	16	98 575	15 863,674	229 853,937	14,489	14,020
28	17	98 509	14 815,950	213 990,262	14,443	13,974
29	18	98 444	13 837,523	199 174,313	14,394	13,924
30	19	98 367	12 922,228	185 336,790	14,342	13,873
31	20	98 292	12 067,561	172 414,562	14,287	13,818
32	21	98 206	11 268,244	160 347,001	14,230	13,760
33	22	98 121	10 521,950	149 078,757	14,168	13,699
34	23	98 034	9 824,915	138 556,807	14,103	13,633
35	24	97 934	9 172,779	128 731,892	14,034	13,565
36	25	97 830	8 563,627	119 559,114	13,961	13,492
37	26	97 725	7 994,798	110 995,486	13,883	13,414
38	27	97 615	7 463,320	103 000,688	13,801	13,331
39	28	97 491	6 966,224	95 537,368	13,714	13,245
40	29	97 360	6 501,762	88 571,144	13,623	13,153
41	30	97 213	6 067,206	82 069,382	13,527	13,057
42	31	97 055	5 661,094	76 002,176	13,425	12,956
43	32	96 880	5 281,173	70 341,082	13,319	12,850
44	33	96 687	4 925,883	65 059,909	13,208	12,738
45	34	96 480	4 593,726	60 134,026	13,090	12,621
46	35	96 245	4 282,750	55 540,300	12,968	12,499
47	36	95 996	3 992,218	51 257,550	12,839	12,370
48	37	95 712	3 720,025	47 265,332	12,706	12,236
49	38	95 402	3 465,382	43 545,307	12,566	12,096
50	39	95 046	3 226,592	40 079,925	12,422	11,952
51	40	94 655	3 003,109	36 853,333	12,272	11,802
52	41	94 226	2 793,910	33 850,224	12,116	11,646
53	42	93 737	2 597,592	31 056,314	11,956	11,486
54	43	93 192	2 413,547	28 458,722	11,791	11,322
55	44	92 589	2 241,059	26 045,175	11,622	11,152
56	45	91 926	2 079,448	23 804,115	11,447	10,978
57	46	91 197	1 927,988	21 724,668	11,268	10,799
58	47	90 394	1 786,001	19 796,680	11,084	10,615
59	48	89 503	1 652,699	18 010,679	10,898	10,428
60	49	88 533	1 527,842	16 357,980	10,707	10,237
61	50	87 485	1 410,992	14 830,137	10,510	10,041
62	51	86 353	1 301,624	13 419,146	10,310	9,840
63	52	85 118	1 199,065	12 117,521	10,106	9,636
64	53	83 799	1 103,262	10 918,457	9,897	9,427
65	54	82 377	1 013,587	9 815,195	9,684	9,214
66	55	80 867	929,914	8 801,608	9,465	8,995
67	56	79 282	852,040	7 871,694	9,239	8,769
68	57	77 577	779,172	7 019,654	9,009	8,540
69	58	75 822	711,726	6 240,482	8,768	8,299
70	59	73 930	648,566	5 528,756	8,525	8,055
71	60	71 924	589,694	4 880,190	8,276	7,806
72	61	69 792	534,775	4 290,496	8,023	7,553
73	62	67 586	483,998	3 755,721	7,760	7,290
74	63	65 275	436,864	3 271,723	7,489	7,020
75	64	62 840	393,055	2 834,859	7,212	6,743
76	65	60 259	352,254	2 441,804	6,932	6,462
77	66	57 526	314,279	2 089,550	6,649	6,179
78	67	54 671	279,141	1 775,271	6,360	5,890
79	68	51 638	246,404	1 496,130	6,072	5,602
80	69	48 438	216,016	1 249,726	5,785	5,316
81	70	45 091	187,933	1 033,710	5,500	5,031
82	71	41 578	161,955	845,777	5,222	4,753
83	72	37 954	138,167	683,822	4,949	4,480
84	73	34 235	116,475	545,655	4,685	4,215
85	74	30 492	96,954	429,179	4,427	3,957
86	75	26 748	79,486	332,225	4,180	3,710
87	76	23 089	64,123	252,740	3,941	3,472
88	77	19 582	50,825	188,616	3,711	3,242
89	78	16 284	39,502	137,791	3,488	3,019
90	79	13 256	30,052	98,290	3,271	2,801
91	80	10 518	22,284	68,238	3,062	2,593
92	81	8 067	15,973	45,954	2,877	2,407
93	82	5 982	11,070	29,981	2,708	2,239
94	83	4 296	7,430	18,911	2,545	2,076
95	84	2 940	4,751	11,481	2,416	1,947
96	85	1 958	2,958	6,730	2,275	1,806
97	86	1 242	1,753	3,772	2,151	1,682
98	87	749	0,988	2,019	2,042	1,573
99	88	430	0,530	1,030	1,944	1,474
100	89	234	0,270	0,500	1,854	1,385

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12	0	99 518	44 186,976	658 625,024	14,905	14,436
13	1	99 205	41 166,488	614 438,047	14,926	14,456
14	2	99 172	38 460,785	573 271,560	14,905	14,436
15	3	99 149	35 936,038	534 810,775	14,882	14,413
16	4	99 122	33 576,034	498 874,737	14,858	14,389
17	5	99 087	31 368,536	465 298,703	14,833	14,364
18	6	99 051	29 305,595	433 930,168	14,807	14,338
19	7	99 006	27 376,105	404 624,573	14,780	14,311
20	8	98 960	25 573,201	377 248,468	14,752	14,282
21	9	98 909	23 887,936	351 675,267	14,722	14,252
22	10	98 859	22 313,746	327 787,332	14,690	14,220
23	11	98 808	20 843,327	305 473,586	14,656	14,186
24	12	98 756	19 469,350	284 630,258	14,619	14,150
25	13	98 700	18 185,419	265 160,909	14,581	14,111
26	14	98 644	16 986,085	246 975,490	14,540	14,070
27	15	98 587	15 865,659	229 989,404	14,496	14,027
28	16	98 523	14 818,040	214 123,745	14,450	13,981
29	17	98 458	13 839,550	199 305,704	14,401	13,932
30	18	98 387	12 924,860	185 466,155	14,350	13,880
31	19	98 311	12 069,891	172 541,295	14,295	13,826
32	20	98 224	11 270,331	160 471,404	14,238	13,769
33	21	98 137	10 523,692	149 201,073	14,178	13,708
34	22	98 051	9 826,615	138 677,381	14,112	13,643
35	23	97 955	9 174,769	128 850,766	14,044	13,575
36	24	97 847	8 565,080	119 675,997	13,973	13,503
37	25	97 744	7 996,289	111 110,917	13,895	13,426
38	26	97 634	7 464,773	103 114,628	13,813	13,344
39	27	97 512	6 967,746	95 649,855	13,728	13,258
40	28	97 385	6 503,384	88 682,109	13,636	13,167
41	29	97 238	6 068,777	82 178,726	13,541	13,072
42	30	97 084	5 662,776	76 109,949	13,440	12,971
43	31	96 911	5 282,859	70 447,173	13,335	12,866
44	32	96 721	4 927,593	65 164,314	13,224	12,755
45	33	96 514	4 595,362	60 236,721	13,108	12,639
46	34	96 282	4 284,426	55 641,359	12,987	12,517
47	35	96 034	3 993,825	51 356,933	12,859	12,390
48	36	95 757	3 721,770	47 363,108	12,726	12,256
49	37	95 446	3 466,977	43 641,338	12,588	12,118
50	38	95 102	3 228,483	40 174,360	12,444	11,974
51	39	94 711	3 004,899	36 945,877	12,295	11,826
52	40	94 290	2 795,807	33 940,979	12,140	11,670
53	41	93 809	2 599,576	31 145,171	11,981	11,511
54	42	93 270	2 415,551	28 545,596	11,817	11,348
55	43	92 673	2 243,078	26 130,044	11,649	11,180
56	44	92 020	2 081,571	23 886,966	11,475	11,006
57	45	91 298	1 930,135	21 805,395	11,297	10,828
58	46	90 509	1 788,272	19 875,261	11,114	10,645
59	47	89 631	1 655,071	18 086,989	10,928	10,459
60	48	88 675	1 530,290	16 431,918	10,738	10,268
61	49	87 644	1 413,553	14 901,628	10,542	10,072
62	50	86 524	1 304,194	13 488,075	10,342	9,873
63	51	85 306	1 201,719	12 183,881	10,139	9,669
64	52	84 006	1 105,977	10 982,162	9,930	9,460
65	53	82 603	1 016,365	9 876,184	9,717	9,248
66	54	81 111	932,721	8 859,820	9,499	9,029
67	55	79 545	854,873	7 927,099	9,273	8,803
68	56	77 858	782,002	7 072,226	9,044	8,574
69	57	76 126	714,579	6 290,224	8,803	8,333
70	58	74 257	651,439	5 575,645	8,559	8,089
71	59	72 273	592,556	4 924,206	8,310	7,841
72	60	70 170	537,674	4 331,650	8,056	7,587
73	61	67 967	486,721	3 793,976	7,795	7,325
74	62	65 674	439,535	3 307,255	7,524	7,055
75	63	63 257	395,660	2 867,720	7,248	6,778
76	64	60 701	354,840	2 472,060	6,967	6,497
77	65	57 991	316,817	2 117,220	6,683	6,213
78	66	55 153	281,601	1 800,403	6,393	5,924
79	67	52 143	248,816	1 518,802	6,104	5,635
80	68	48 938	218,245	1 269,986	5,819	5,350
81	69	45 600	190,057	1 051,741	5,534	5,064
82	70	42 091	163,953	861,684	5,256	4,786
83	71	38 469	140,043	697,731	4,982	4,513
84	72	34 736	118,178	557,689	4,719	4,250
85	73	30 972	98,479	439,511	4,463	3,993
86	74	27 214	80,869	341,032	4,217	3,748
87	75	23 538	65,370	260,163	3,980	3,510
88	76	20 018	51,959	194,793	3,749	3,279
89	77	16 693	40,492	142,834	3,527	3,058
90	78	13 639	30,920	102,342	3,310	2,840
91	79	10 876	23,043	71,422	3,100	2,630
92	80	8 389	16,611	48,379	2,912	2,443
93	81	6 258	11,581	31,768	2,743	2,274
94	82	4 523	7,823	20,188	2,580	2,111
95	83	3 121	5,044	12,364	2,451	1,982
96	84	2 099	3,171	7,320	2,308	1,839
97	85	1 346	1,900	4,149	2,183	1,714
98	86	822	1,085	2,249	2,073	1,603
99	87	478	0,590	1,164	1,974	1,504
100	88	264	0,305	0,574	1,884	1,415

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10						
11						
12						
13	0	99 510	41 293,004	614 722,855	14,887	14,417
14	1	99 195	38 469,674	573 429,851	14,906	14,437
15	2	99 160	35 940,318	534 960,177	14,885	14,415
16	3	99 134	33 580,034	499 019,860	14,861	14,391
17	4	99 096	31 371,388	465 439,826	14,836	14,367
18	5	99 058	29 307,793	434 068,437	14,811	14,341
19	6	99 013	27 377,907	404 760,645	14,784	14,315
20	7	98 965	25 574,461	377 382,738	14,756	14,287
21	8	98 916	23 889,415	351 808,276	14,727	14,257
22	9	98 865	22 315,190	327 918,861	14,695	14,225
23	10	98 814	20 844,563	305 603,672	14,661	14,192
24	11	98 763	19 470,800	284 759,109	14,625	14,155
25	12	98 708	18 186,858	265 288,309	14,587	14,117
26	13	98 653	16 987,542	247 101,451	14,546	14,077
27	14	98 597	15 867,324	230 113,909	14,502	14,033
28	15	98 535	14 819,894	214 246,585	14,457	13,987
29	16	98 472	13 841,503	199 426,691	14,408	13,938
30	17	98 402	12 926,752	185 585,188	14,357	13,887
31	18	98 331	12 072,349	172 658,436	14,302	13,832
32	19	98 243	11 272,507	160 586,086	14,246	13,776
33	20	98 155	10 525,641	149 313,579	14,186	13,716
34	21	98 067	9 828,243	138 787,938	14,121	13,652
35	22	97 972	9 176,357	128 959,696	14,053	13,584
36	23	97 868	8 566,939	119 783,339	13,982	13,513
37	24	97 760	7 997,645	111 216,400	13,906	13,437
38	25	97 652	7 466,165	103 218,755	13,825	13,355
39	26	97 531	6 969,102	95 752,590	13,740	13,270
40	27	97 406	6 504,805	88 783,488	13,649	13,179
41	28	97 262	6 070,291	82 278,684	13,554	13,085
42	29	97 109	5 664,242	76 208,393	13,454	12,985
43	30	96 939	5 284,428	70 544,151	13,349	12,880
44	31	96 752	4 929,166	65 259,723	13,240	12,770
45	32	96 547	4 596,958	60 330,557	13,124	12,655
46	33	96 317	4 285,952	55 733,599	13,004	12,534
47	34	96 072	3 995,388	51 447,648	12,877	12,407
48	35	95 796	3 723,269	47 452,260	12,745	12,275
49	36	95 490	3 468,604	43 728,991	12,607	12,138
50	37	95 145	3 229,969	40 260,387	12,465	11,995
51	38	94 767	3 006,660	37 030,418	12,316	11,847
52	39	94 346	2 797,474	34 023,758	12,162	11,693
53	40	93 872	2 601,341	31 226,284	12,004	11,534
54	41	93 341	2 417,396	28 624,943	11,841	11,372
55	42	92 750	2 244,941	26 207,548	11,674	11,205
56	43	92 103	2 083,446	23 962,607	11,501	11,032
57	44	91 392	1 932,105	21 879,161	11,324	10,854
58	45	90 610	1 790,262	19 947,056	11,142	10,672
59	46	89 745	1 657,175	18 156,793	10,956	10,487
60	47	88 802	1 532,487	16 499,618	10,767	10,297
61	48	87 784	1 415,817	14 967,131	10,571	10,102
62	49	86 681	1 306,561	13 551,313	10,372	9,902
63	50	85 475	1 204,092	12 244,753	10,169	9,700
64	51	84 191	1 108,425	11 040,660	9,961	9,491
65	52	82 806	1 018,867	9 932,235	9,748	9,279
66	53	81 334	935,277	8 913,369	9,530	9,061
67	54	79 785	857,453	7 978,091	9,304	8,835
68	55	78 117	784,602	7 120,638	9,075	8,606
69	56	76 402	717,174	6 336,036	8,835	8,365
70	57	74 555	654,050	5 618,862	8,591	8,121
71	58	72 593	595,181	4 964,812	8,342	7,872
72	59	70 510	540,283	4 369,630	8,088	7,618
73	60	68 335	489,359	3 829,347	7,825	7,356
74	61	66 043	442,008	3 339,988	7,556	7,087
75	62	63 643	398,079	2 897,980	7,280	6,810
76	63	61 104	357,192	2 499,901	6,999	6,529
77	64	58 417	319,143	2 142,709	6,714	6,244
78	65	55 598	283,876	1 823,566	6,424	5,954
79	66	52 603	251,009	1 539,691	6,134	5,665
80	67	49 417	220,382	1 288,682	5,848	5,378
81	68	46 071	192,018	1 068,301	5,564	5,094
82	69	42 566	165,805	876,283	5,285	4,816
83	70	38 944	141,770	710,477	5,011	4,542
84	71	35 207	119,782	568,708	4,748	4,278
85	72	31 424	99,919	448,926	4,493	4,023
86	73	27 642	82,141	349,007	4,249	3,779
87	74	23 948	66,508	266,866	4,013	3,543
88	75	20 408	52,969	200,358	3,783	3,313
89	76	17 065	41,395	147,390	3,561	3,091
90	77	13 981	31,695	105,994	3,344	2,875
91	78	11 190	23,709	74,299	3,134	2,664
92	79	8 674	17,176	50,590	2,945	2,476
93	80	6 508	12,043	33,413	2,774	2,305
94	81	4 732	8,184	21,370	2,611	2,142
95	82	3 286	5,312	13,186	2,482	2,013
96	83	2 228	3,366	7,874	2,339	1,870
97	84	1 443	2,037	4,508	2,213	1,743
98	85	891	1,176	2,471	2,102	1,632
99	86	525	0,647	1,295	2,001	1,532
100	87	294	0,339	0,648	1,911	1,442

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	38 587,902	573 692,555	14,867	14,398
15	1	99 183	35 948,624	535 104,654	14,885	14,416
16	2	99 146	33 584,033	499 156,030	14,863	14,393
17	3	99 108	31 375,126	465 571,997	14,839	14,369
18	4	99 067	29 310,458	434 196,870	14,814	14,344
19	5	99 020	27 379,960	404 886,412	14,788	14,318
20	6	98 972	25 576,145	377 506,452	14,760	14,291
21	7	98 920	23 890,592	351 930,307	14,731	14,261
22	8	98 871	22 316,571	328 039,715	14,699	14,230
23	9	98 821	20 845,911	305 723,143	14,666	14,196
24	10	98 769	19 471,954	284 877,232	14,630	14,161
25	11	98 715	18 188,213	265 405,278	14,592	14,123
26	12	98 660	16 988,886	247 217,065	14,552	14,082
27	13	98 606	15 868,685	230 228,180	14,508	14,039
28	14	98 545	14 821,450	214 359,495	14,463	13,993
29	15	98 484	13 843,234	199 538,045	14,414	13,945
30	16	98 416	12 928,577	185 694,811	14,363	13,894
31	17	98 345	12 074,117	172 766,234	14,309	13,839
32	18	98 263	11 274,803	160 692,117	14,252	13,783
33	19	98 174	10 527,673	149 417,314	14,193	13,723
34	20	98 085	9 830,063	138 889,641	14,129	13,660
35	21	97 988	9 177,877	129 059,578	14,062	13,593
36	22	97 885	8 568,421	119 881,701	13,991	13,522
37	23	97 781	7 999,381	111 313,280	13,915	13,446
38	24	97 669	7 467,431	103 313,899	13,835	13,366
39	25	97 550	6 970,401	95 846,468	13,750	13,281
40	26	97 425	6 506,071	88 876,067	13,660	13,191
41	27	97 284	6 071,617	82 369,996	13,566	13,097
42	28	97 133	5 665,655	76 298,379	13,467	12,997
43	29	96 965	5 285,796	70 632,725	13,363	12,893
44	30	96 781	4 930,630	65 346,928	13,253	12,784
45	31	96 578	4 598,426	60 416,298	13,138	12,669
46	32	96 350	4 287,440	55 817,873	13,019	12,549
47	33	96 106	3 996,811	51 530,433	12,893	12,423
48	34	95 833	3 724,726	47 533,622	12,762	12,292
49	35	95 529	3 470,000	43 808,897	12,625	12,156
50	36	95 190	3 231,484	40 338,896	12,483	12,014
51	37	94 811	3 008,044	37 107,412	12,336	11,867
52	38	94 401	2 799,113	34 099,368	12,182	11,713
53	39	93 928	2 602,892	31 300,255	12,025	11,556
54	40	93 404	2 419,037	28 697,363	11,863	11,394
55	41	92 821	2 246,655	26 278,326	11,697	11,227
56	42	92 179	2 085,176	24 031,671	11,525	11,055
57	43	91 474	1 933,846	21 946,495	11,349	10,879
58	44	90 702	1 792,090	20 012,649	11,167	10,698
59	45	89 845	1 659,020	18 220,559	10,983	10,513
60	46	88 915	1 534,435	16 561,539	10,793	10,324
61	47	87 910	1 417,850	15 027,103	10,599	10,129
62	48	86 820	1 308,654	13 609,253	10,399	9,930
63	49	85 630	1 206,277	12 300,599	10,197	9,728
64	50	84 358	1 110,614	11 094,322	9,989	9,520
65	51	82 990	1 021,122	9 983,708	9,777	9,308
66	52	81 534	937,579	8 962,586	9,559	9,090
67	53	80 004	859,803	8 025,007	9,334	8,864
68	54	78 353	786,971	7 165,204	9,105	8,635
69	55	76 656	719,558	6 378,233	8,864	8,395
70	56	74 826	656,426	5 658,674	8,620	8,151
71	57	72 884	597,567	5 002,249	8,371	7,902
72	58	70 823	542,677	4 404,682	8,117	7,647
73	59	68 667	491,734	3 862,005	7,854	7,384
74	60	66 401	444,404	3 370,271	7,584	7,114
75	61	64 001	400,319	2 925,867	7,309	6,839
76	62	61 477	359,375	2 525,548	7,028	6,558
77	63	58 804	321,258	2 166,173	6,743	6,273
78	64	56 007	285,959	1 844,915	6,452	5,982
79	65	53 027	253,036	1 558,955	6,161	5,691
80	66	49 853	222,324	1 305,919	5,874	5,404
81	67	46 522	193,898	1 083,596	5,588	5,119
82	68	43 006	167,516	889,698	5,311	4,842
83	69	39 384	143,372	722,181	5,037	4,568
84	70	35 641	121,259	578,810	4,773	4,304
85	71	31 851	101,275	457,551	4,518	4,048
86	72	28 046	83,342	356,276	4,275	3,805
87	73	24 324	67,554	272,934	4,040	3,571
88	74	20 763	53,891	205,380	3,811	3,342
89	75	17 397	42,200	151,489	3,590	3,120
90	76	14 293	32,403	109,290	3,373	2,903
91	77	11 471	24,303	76,887	3,164	2,694
92	78	8 925	17,673	52,584	2,975	2,506
93	79	6 729	12,453	34,911	2,803	2,334
94	80	4 921	8,511	22,457	2,639	2,169
95	81	3 438	5,557	13,947	2,510	2,040
96	82	2 347	3,545	8,390	2,367	1,897
97	83	1 532	2,163	4,845	2,240	1,771
98	84	955	1,260	2,682	2,128	1,659
99	85	569	0,701	1,422	2,027	1,558
100	86	323	0,372	0,721	1,936	1,467

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	36 059,104	535 346,987	14,846	14,377
16	1	99 168	33 591,795	499 287,883	14,863	14,394
17	2	99 120	31 378,863	465 696,088	14,841	14,372
18	3	99 079	29 313,950	434 317,225	14,816	14,347
19	4	99 029	27 382,450	405 003,275	14,791	14,321
20	5	98 979	25 578,063	377 620,824	14,763	14,294
21	6	98 927	23 892,165	352 042,761	14,735	14,265
22	7	98 876	22 317,672	328 150,596	14,704	14,234
23	8	98 827	20 847,202	305 832,924	14,670	14,201
24	9	98 775	19 473,214	284 985,722	14,635	14,165
25	10	98 721	18 189,291	265 512,509	14,597	14,128
26	11	98 668	16 990,151	247 323,218	14,557	14,087
27	12	98 614	15 869,940	230 333,067	14,514	14,044
28	13	98 554	14 822,720	214 463,127	14,469	13,999
29	14	98 495	13 844,687	199 640,406	14,420	13,950
30	15	98 428	12 930,194	185 795,719	14,369	13,900
31	16	98 359	12 075,821	172 865,525	14,315	13,845
32	17	98 277	11 276,454	160 789,704	14,259	13,789
33	18	98 194	10 529,817	149 513,250	14,199	13,730
34	19	98 104	9 831,961	138 983,432	14,136	13,666
35	20	98 006	9 179,577	129 151,472	14,069	13,600
36	21	97 901	8 569,840	119 971,895	13,999	13,530
37	22	97 798	8 000,765	111 402,055	13,924	13,454
38	23	97 690	7 469,052	103 401,290	13,844	13,374
39	24	97 566	6 971,583	95 932,238	13,760	13,291
40	25	97 443	6 507,284	88 960,654	13,671	13,201
41	26	97 302	6 072,798	82 453,370	13,577	13,108
42	27	97 155	5 666,892	76 380,572	13,478	13,009
43	28	96 989	5 287,115	70 713,679	13,375	12,905
44	29	96 806	4 931,906	65 426,565	13,266	12,796
45	30	96 607	4 599,791	60 494,658	13,152	12,682
46	31	96 381	4 288,809	55 894,867	13,033	12,563
47	32	96 140	3 998,199	51 606,059	12,907	12,438
48	33	95 867	3 726,052	47 607,860	12,777	12,308
49	34	95 566	3 471,358	43 881,808	12,641	12,172
50	35	95 228	3 232,786	40 410,450	12,500	12,031
51	36	94 855	3 009,455	37 177,664	12,354	11,884
52	37	94 445	2 800,402	34 168,209	12,201	11,732
53	38	93 983	2 604,417	31 367,807	12,044	11,575
54	39	93 460	2 420,479	28 763,390	11,883	11,414
55	40	92 884	2 248,181	26 342,911	11,717	11,248
56	41	92 250	2 086,768	24 094,730	11,546	11,077
57	42	91 550	1 935,452	22 007,962	11,371	10,901
58	43	90 784	1 793,705	20 072,510	11,191	10,721
59	44	89 937	1 660,714	18 278,806	11,007	10,537
60	45	89 014	1 536,144	16 618,092	10,818	10,349
61	46	88 022	1 419,652	15 081,948	10,624	10,154
62	47	86 945	1 310,533	13 662,296	10,425	9,955
63	48	85 767	1 208,210	12 351,763	10,223	9,754
64	49	84 511	1 112,629	11 143,553	10,016	9,546
65	50	83 153	1 023,138	10 030,924	9,804	9,335
66	51	81 714	939,655	9 007,785	9,586	9,117
67	52	80 201	861,919	8 068,131	9,361	8,891
68	53	78 568	789,127	7 206,211	9,132	8,662
69	54	76 888	721,731	6 417,084	8,891	8,422
70	55	75 074	658,608	5 695,353	8,648	8,178
71	56	73 149	599,737	5 036,745	8,398	7,929
72	57	71 107	544,852	4 437,008	8,144	7,674
73	58	68 971	493,913	3 892,156	7,880	7,411
74	59	66 724	446,561	3 398,244	7,610	7,140
75	60	64 348	402,489	2 951,683	7,334	6,864
76	61	61 823	361,397	2 549,194	7,054	6,584
77	62	59 163	323,222	2 187,797	6,769	6,299
78	63	56 378	287,855	1 864,574	6,477	6,008
79	64	53 417	254,893	1 576,720	6,186	5,716
80	65	50 255	224,119	1 321,826	5,898	5,428
81	66	46 932	195,606	1 097,707	5,612	5,142
82	67	43 427	169,156	902,100	5,333	4,863
83	68	39 790	144,851	732,944	5,060	4,590
84	69	36 044	122,629	588,093	4,796	4,326
85	70	32 244	102,524	465,463	4,540	4,071
86	71	28 427	84,473	362,940	4,297	3,827
87	72	24 680	68,541	278,466	4,063	3,593
88	73	21 089	54,738	209,925	3,835	3,366
89	74	17 700	42,935	155,187	3,615	3,145
90	75	14 571	33,033	112,253	3,398	2,929
91	76	11 727	24,845	79,220	3,189	2,719
92	77	9 149	18,116	54,374	3,001	2,532
93	78	6 924	12,813	36,258	2,830	2,360
94	79	5 088	8,801	23,445	2,664	2,195
95	80	3 575	5,779	14,645	2,534	2,065
96	81	2 455	3,708	8,866	2,391	1,921
97	82	1 613	2,277	5,158	2,265	1,795
98	83	1 014	1,338	2,880	2,153	1,683
99	84	610	0,752	1,542	2,051	1,582
100	85	350	0,403	0,790	1,960	1,490

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	33 695,032	499 511,437	14,824	14,355
17	1	99 143	31 386,115	465 816,405	14,841	14,372
18	2	99 091	29 317,441	434 430,291	14,818	14,349
19	3	99 041	27 385,713	405 112,849	14,793	14,323
20	4	98 988	25 580,389	377 727,136	14,766	14,297
21	5	98 934	23 893,957	352 146,747	14,738	14,268
22	6	98 883	22 319,141	328 252,790	14,707	14,238
23	7	98 832	20 848,230	305 933,649	14,674	14,205
24	8	98 781	19 474,419	285 085,419	14,639	14,169
25	9	98 728	18 190,468	265 611,000	14,602	14,132
26	10	98 674	16 991,158	247 420,532	14,562	14,092
27	11	98 621	15 871,122	230 429,374	14,519	14,049
28	12	98 562	14 823,893	214 558,252	14,474	14,004
29	13	98 503	13 845,874	199 734,359	14,426	13,956
30	14	98 438	12 931,551	185 888,485	14,375	13,905
31	15	98 371	12 077,332	172 956,933	14,321	13,851
32	16	98 291	11 278,045	160 879,602	14,265	13,795
33	17	98 209	10 531,359	149 601,556	14,205	13,736
34	18	98 124	9 833,963	139 070,197	14,142	13,672
35	19	98 025	9 181,349	129 236,234	14,076	13,606
36	20	97 919	8 571,427	120 054,885	14,006	13,537
37	21	97 814	8 002,090	111 483,457	13,932	13,462
38	22	97 707	7 470,345	103 481,367	13,852	13,383
39	23	97 587	6 973,096	96 011,023	13,769	13,299
40	24	97 460	6 508,388	89 037,926	13,680	13,211
41	25	97 321	6 073,931	82 529,539	13,588	13,118
42	26	97 174	5 667,995	76 455,608	13,489	13,019
43	27	97 010	5 288,270	70 787,612	13,386	12,916
44	28	96 830	4 933,137	65 499,343	13,277	12,808
45	29	96 632	4 600,982	60 566,206	13,164	12,694
46	30	96 409	4 290,082	55 965,224	13,045	12,576
47	31	96 170	3 999,475	51 675,142	12,920	12,451
48	32	95 901	3 727,346	47 675,666	12,791	12,321
49	33	95 600	3 472,594	43 948,321	12,656	12,186
50	34	95 266	3 234,050	40 475,726	12,515	12,046
51	35	94 893	3 010,667	37 241,676	12,370	11,900
52	36	94 489	2 801,716	34 231,009	12,218	11,748
53	37	94 027	2 605,616	31 429,293	12,062	11,593
54	38	93 515	2 421,898	28 823,677	11,901	11,432
55	39	92 939	2 249,521	26 401,780	11,737	11,267
56	40	92 313	2 088,185	24 152,259	11,566	11,097
57	41	91 620	1 936,929	22 064,074	11,391	10,922
58	42	90 860	1 795,194	20 127,144	11,212	10,742
59	43	90 018	1 662,210	18 331,950	11,029	10,559
60	44	89 105	1 537,712	16 669,740	10,841	10,371
61	45	88 120	1 421,233	15 132,028	10,647	10,178
62	46	87 055	1 312,199	13 710,795	10,449	9,979
63	47	85 890	1 209,944	12 398,596	10,247	9,778
64	48	84 646	1 114,412	11 188,652	10,040	9,570
65	49	83 304	1 024,995	10 074,240	9,829	9,359
66	50	81 876	941,510	9 049,245	9,611	9,142
67	51	80 379	863,827	8 107,735	9,386	8,916
68	52	78 761	791,070	7 243,907	9,157	8,688
69	53	77 098	723,709	6 452,837	8,916	8,447
70	54	75 301	660,596	5 729,129	8,673	8,203
71	55	73 392	601,731	5 068,533	8,423	7,954
72	56	71 365	546,831	4 466,802	8,169	7,699
73	57	69 247	495,892	3 919,971	7,905	7,435
74	58	67 019	448,539	3 424,079	7,634	7,164
75	59	64 661	404,442	2 975,540	7,357	6,888
76	60	62 158	363,356	2 571,097	7,076	6,606
77	61	59 496	325,041	2 207,741	6,792	6,323
78	62	56 722	289,615	1 882,700	6,501	6,031
79	63	53 771	256,583	1 593,085	6,209	5,739
80	64	50 624	225,765	1 336,503	5,920	5,450
81	65	47 311	197,186	1 110,738	5,633	5,163
82	66	43 809	170,647	913,551	5,353	4,884
83	67	40 180	146,269	742,905	5,079	4,610
84	68	36 416	123,895	596,635	4,816	4,346
85	69	32 608	103,682	472,741	4,560	4,090
86	70	28 777	85,515	369,058	4,316	3,846
87	71	25 015	69,472	283,543	4,081	3,612
88	72	21 398	55,538	214,072	3,854	3,385
89	73	17 978	43,610	158,533	3,635	3,166
90	74	14 824	33,608	114,924	3,420	2,950
91	75	11 955	25,328	81,316	3,210	2,741
92	76	9 353	18,520	55,988	3,023	2,554
93	77	7 097	13,134	37,467	2,853	2,383
94	78	5 236	9,055	24,333	2,687	2,218
95	79	3 697	5,975	15,278	2,557	2,087
96	80	2 553	3,856	9,303	2,412	1,943
97	81	1 687	2,382	5,446	2,286	1,817
98	82	1 068	1,409	3,064	2,175	1,705
99	83	647	0,798	1,655	2,073	1,604
100	84	375	0,432	0,857	1,981	1,512

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	31 482,573	466 022,641	14,803	14,333
18	1	99 114	29 324,217	434 540,068	14,818	14,349
19	2	99 053	27 388,974	405 215,851	14,795	14,325
20	3	99 000	25 583,437	377 826,876	14,768	14,299
21	4	98 943	23 896,130	352 243,439	14,741	14,271
22	5	98 890	22 320,815	328 347,309	14,710	14,241
23	6	98 838	20 849,602	306 026,494	14,678	14,208
24	7	98 786	19 475,380	285 176,892	14,643	14,173
25	8	98 734	18 191,594	265 701,513	14,606	14,136
26	9	98 680	16 992,257	247 509,919	14,566	14,097
27	10	98 627	15 872,063	230 517,661	14,523	14,054
28	11	98 569	14 824,997	214 645,598	14,479	14,009
29	12	98 511	13 846,970	199 820,601	14,431	13,961
30	13	98 447	12 932,660	185 973,631	14,380	13,911
31	14	98 382	12 078,599	173 040,972	14,326	13,857
32	15	98 304	11 279,456	160 962,372	14,270	13,801
33	16	98 222	10 532,846	149 682,916	14,211	13,742
34	17	98 139	9 835,403	139 150,070	14,148	13,678
35	18	98 045	9 183,219	129 314,667	14,082	13,612
36	19	97 938	8 573,082	120 131,448	14,013	13,543
37	20	97 833	8 003,572	111 558,366	13,939	13,469
38	21	97 723	7 471,582	103 554,794	13,860	13,390
39	22	97 604	6 974,303	96 083,212	13,777	13,307
40	23	97 481	6 509,800	89 108,909	13,688	13,219
41	24	97 337	6 074,961	82 599,109	13,597	13,127
42	25	97 192	5 669,052	76 524,147	13,499	13,029
43	26	97 029	5 289,299	70 855,095	13,396	12,926
44	27	96 851	4 934,214	65 565,796	13,288	12,818
45	28	96 656	4 602,130	60 631,582	13,175	12,705
46	29	96 434	4 291,193	56 029,452	13,057	12,587
47	30	96 199	4 000,663	51 738,259	12,932	12,463
48	31	95 931	3 728,536	47 737,596	12,803	12,334
49	32	95 633	3 473,800	44 009,060	12,669	12,199
50	33	95 299	3 235,202	40 535,260	12,529	12,060
51	34	94 930	3 011,845	37 300,058	12,384	11,915
52	35	94 527	2 802,844	34 288,213	12,233	11,764
53	36	94 071	2 606,838	31 485,369	12,078	11,608
54	37	93 558	2 423,013	28 878,531	11,918	11,449
55	38	92 993	2 250,839	26 455,518	11,754	11,284
56	39	92 368	2 089,430	24 204,679	11,584	11,115
57	40	91 682	1 938,245	22 115,249	11,410	10,940
58	41	90 929	1 796,565	20 177,004	11,231	10,761
59	42	90 093	1 663,591	18 380,440	11,049	10,579
60	43	89 185	1 539,097	16 716,849	10,861	10,392
61	44	88 210	1 422,684	15 177,752	10,668	10,199
62	45	87 152	1 313,660	13 755,068	10,471	10,001
63	46	85 999	1 211,483	12 441,408	10,270	9,800
64	47	84 768	1 116,012	11 229,926	10,063	9,593
65	48	83 438	1 026,637	10 113,914	9,851	9,382
66	49	82 024	943,219	9 087,277	9,634	9,165
67	50	80 537	865,533	8 144,058	9,409	8,940
68	51	78 935	792,821	7 278,525	9,181	8,711
69	52	77 288	725,490	6 485,704	8,940	8,470
70	53	75 507	662,406	5 760,214	8,696	8,226
71	54	73 614	603,548	5 097,808	8,446	7,977
72	55	71 602	548,649	4 494,260	8,192	7,722
73	56	69 499	497,693	3 945,611	7,928	7,458
74	57	67 288	450,337	3 447,918	7,656	7,187
75	58	64 947	406,234	2 997,581	7,379	6,909
76	59	62 460	365,120	2 591,347	7,097	6,628
77	60	59 819	326,803	2 226,227	6,812	6,343
78	61	57 042	291,244	1 899,425	6,522	6,052
79	62	54 099	258,152	1 608,180	6,230	5,760
80	63	50 960	227,261	1 350,029	5,940	5,471
81	64	47 658	198,634	1 122,768	5,652	5,183
82	65	44 163	172,025	924,134	5,372	4,903
83	66	40 534	147,558	752,109	5,097	4,628
84	67	36 772	125,108	604,550	4,832	4,363
85	68	32 945	104,752	479,443	4,577	4,107
86	69	29 102	86,481	374,691	4,333	3,863
87	70	25 323	70,328	288,209	4,098	3,629
88	71	21 688	56,292	217,881	3,871	3,401
89	72	18 241	44,247	161,589	3,652	3,182
90	73	15 058	34,136	117,341	3,437	2,968
91	74	12 163	25,769	83,205	3,229	2,759
92	75	9 535	18,880	57,436	3,042	2,573
93	76	7 256	13,427	38,556	2,871	2,402
94	77	5 367	9,282	25,128	2,707	2,238
95	78	3 804	6,148	15,846	2,577	2,108
96	79	2 640	3,988	9,698	2,432	1,963
97	80	1 755	2,477	5,711	2,305	1,836
98	81	1 117	1,474	3,233	2,194	1,724
99	82	682	0,841	1,759	2,093	1,623
100	83	398	0,459	0,919	2,001	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	29 414,338	434 730,334	14,780	14,310
19	1	99 076	27 395,304	405 315,995	14,795	14,326
20	2	99 012	25 586,484	377 920,691	14,770	14,301
21	3	98 955	23 898,977	352 334,207	14,743	14,273
22	4	98 899	22 322,844	328 435,230	14,713	14,243
23	5	98 846	20 851,166	306 112,385	14,681	14,211
24	6	98 793	19 476,662	285 261,219	14,646	14,177
25	7	98 739	18 192,491	265 784,558	14,610	14,140
26	8	98 686	16 993,310	247 592,067	14,570	14,100
27	9	98 633	15 873,090	230 598,758	14,528	14,058
28	10	98 575	14 825,876	214 725,668	14,483	14,014
29	11	98 518	13 848,001	199 899,792	14,435	13,966
30	12	98 454	12 933,683	186 051,791	14,385	13,916
31	13	98 390	12 079,635	173 118,108	14,331	13,862
32	14	98 314	11 280,640	161 038,473	14,276	13,806
33	15	98 235	10 534,163	149 757,833	14,216	13,747
34	16	98 153	9 836,791	139 223,669	14,153	13,684
35	17	98 060	9 184,564	129 386,878	14,087	13,618
36	18	97 958	8 574,828	120 202,314	14,018	13,549
37	19	97 851	8 005,117	111 627,486	13,945	13,475
38	20	97 741	7 472,965	103 622,369	13,866	13,397
39	21	97 620	6 975,458	96 149,403	13,784	13,314
40	22	97 498	6 510,927	89 173,945	13,696	13,227
41	23	97 358	6 076,280	82 663,018	13,604	13,135
42	24	97 208	5 670,014	76 586,739	13,507	13,038
43	25	97 047	5 290,285	70 916,725	13,405	12,936
44	26	96 870	4 935,175	65 626,439	13,298	12,828
45	27	96 677	4 603,135	60 691,265	13,185	12,715
46	28	96 458	4 292,263	56 088,130	13,067	12,598
47	29	96 224	4 001,699	51 795,866	12,943	12,474
48	30	95 960	3 729,643	47 794,168	12,815	12,345
49	31	95 664	3 474,909	44 064,524	12,681	12,211
50	32	95 333	3 236,326	40 589,615	12,542	12,072
51	33	94 964	3 012,918	37 353,290	12,398	11,928
52	34	94 564	2 803,940	34 340,372	12,247	11,778
53	35	94 109	2 607,888	31 536,432	12,093	11,623
54	36	93 602	2 424,149	28 928,544	11,933	11,464
55	37	93 036	2 251,875	26 504,394	11,770	11,300
56	38	92 422	2 090,654	24 252,519	11,600	11,131
57	39	91 737	1 939,400	22 161,865	11,427	10,958
58	40	90 991	1 797,785	20 222,464	11,249	10,779
59	41	90 161	1 664,861	18 424,680	11,067	10,597
60	42	89 259	1 540,375	16 759,819	10,880	10,411
61	43	88 290	1 423,965	15 219,444	10,688	10,219
62	44	87 241	1 315,001	13 795,478	10,491	10,021
63	45	86 095	1 212,831	12 480,477	10,290	9,821
64	46	84 876	1 117,431	11 267,646	10,084	9,614
65	47	83 558	1 028,111	10 150,215	9,873	9,403
66	48	82 156	944,730	9 122,104	9,656	9,186
67	49	80 683	867,104	8 177,374	9,431	8,961
68	50	79 091	794,386	7 310,271	9,202	8,733
69	51	77 459	727,096	6 515,884	8,962	8,492
70	52	75 693	664,037	5 788,788	8,718	8,248
71	53	73 816	605,202	5 124,751	8,468	7,998
72	54	71 818	550,305	4 519,550	8,213	7,743
73	55	69 730	499,348	3 969,245	7,949	7,479
74	56	67 532	451,972	3 469,897	7,677	7,208
75	57	65 207	407,862	3 017,924	7,399	6,930
76	58	62 737	366,737	2 610,062	7,117	6,647
77	59	60 109	328,389	2 243,325	6,831	6,362
78	60	57 351	292,823	1 914,936	6,540	6,070
79	61	54 404	259,604	1 622,113	6,248	5,779
80	62	51 271	228,651	1 362,509	5,959	5,489
81	63	47 974	199,950	1 133,858	5,671	5,201
82	64	44 488	173,288	933,908	5,389	4,920
83	65	40 861	148,750	760,620	5,113	4,644
84	66	37 096	126,210	611,870	4,848	4,379
85	67	33 267	105,778	485,660	4,591	4,122
86	68	29 403	87,374	379,882	4,348	3,878
87	69	25 609	71,123	292,508	4,113	3,643
88	70	21 956	56,986	221,385	3,885	3,415
89	71	18 488	44,848	164,399	3,666	3,196
90	72	15 278	34,635	119,551	3,452	2,982
91	73	12 354	26,175	84,916	3,244	2,775
92	74	9 701	19,209	58,741	3,058	2,589
93	75	7 397	13,688	39,533	2,888	2,419
94	76	5 487	9,489	25,844	2,724	2,254
95	77	3 899	6,302	16,355	2,595	2,126
96	78	2 716	4,103	10,053	2,450	1,981
97	79	1 815	2,562	5,950	2,323	1,853
98	80	1 162	1,533	3,388	2,210	1,741
99	81	713	0,879	1,855	2,110	1,640
100	82	419	0,483	0,976	2,019	1,549

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	27 479,498	405 491,532	14,756	14,287
20	1	99 035	25 592,397	378 012,034	14,770	14,301
21	2	98 967	23 901,824	352 419,637	14,744	14,275
22	3	98 911	22 325,504	328 517,814	14,715	14,245
23	4	98 855	20 853,062	306 192,309	14,683	14,214
24	5	98 800	19 478,122	285 339,247	14,649	14,180
25	6	98 745	18 193,688	265 861,125	14,613	14,143
26	7	98 691	16 994,147	247 667,436	14,574	14,104
27	8	98 639	15 874,073	230 673,289	14,531	14,062
28	9	98 581	14 826,835	214 799,216	14,487	14,018
29	10	98 524	13 848,822	199 972,381	14,440	13,970
30	11	98 462	12 934,647	186 123,559	14,390	13,920
31	12	98 398	12 080,590	173 188,913	14,336	13,867
32	13	98 322	11 281,607	161 108,322	14,281	13,811
33	14	98 245	10 535,269	149 826,715	14,221	13,752
34	15	98 165	9 838,022	139 291,446	14,158	13,689
35	16	98 074	9 185,860	129 453,424	14,093	13,623
36	17	97 973	8 576,084	120 267,564	14,024	13,554
37	18	97 871	8 006,748	111 691,480	13,950	13,480
38	19	97 760	7 474,408	103 684,732	13,872	13,402
39	20	97 638	6 976,750	96 210,324	13,790	13,321
40	21	97 514	6 512,005	89 233,574	13,703	13,233
41	22	97 375	6 077,331	82 721,569	13,611	13,142
42	23	97 229	5 671,244	76 644,238	13,515	13,045
43	24	97 063	5 291,183	70 972,994	13,413	12,944
44	25	96 888	4 936,095	65 681,811	13,306	12,837
45	26	96 696	4 604,031	60 745,716	13,194	12,725
46	27	96 479	4 293,201	56 141,685	13,077	12,607
47	28	96 248	4 002,697	51 848,484	12,953	12,484
48	29	95 984	3 730,609	47 845,787	12,825	12,356
49	30	95 692	3 475,941	44 115,178	12,692	12,222
50	31	95 363	3 237,359	40 639,237	12,553	12,084
51	32	94 997	3 013,964	37 401,878	12,410	11,940
52	33	94 598	2 804,939	34 387,915	12,260	11,790
53	34	94 145	2 608,908	31 582,976	12,106	11,636
54	35	93 639	2 425,125	28 974,067	11,947	11,478
55	36	93 080	2 252,932	26 548,942	11,784	11,315
56	37	92 464	2 091,617	24 296,010	11,616	11,146
57	38	91 790	1 940,537	22 204,393	11,442	10,973
58	39	91 045	1 798,856	20 263,857	11,265	10,795
59	40	90 223	1 665,991	18 465,000	11,083	10,614
60	41	89 327	1 541,551	16 799,009	10,897	10,428
61	42	88 363	1 425,148	15 257,457	10,706	10,236
62	43	87 320	1 316,186	13 832,309	10,509	10,040
63	44	86 183	1 214,070	12 516,124	10,309	9,840
64	45	84 970	1 118,675	11 302,054	10,103	9,634
65	46	83 664	1 029,418	10 183,380	9,892	9,423
66	47	82 274	946,086	9 153,961	9,676	9,206
67	48	80 813	868,493	8 207,875	9,451	8,981
68	49	79 235	795,828	7 339,382	9,222	8,753
69	50	77 612	728,532	6 543,554	8,982	8,512
70	51	75 861	665,507	5 815,023	8,738	8,268
71	52	73 997	606,691	5 149,516	8,488	8,018
72	53	72 015	551,813	4 542,825	8,233	7,763
73	54	69 940	500,855	3 991,011	7,968	7,499
74	55	67 757	453,475	3 490,156	7,696	7,227
75	56	65 444	409,344	3 036,681	7,418	6,949
76	57	62 988	368,207	2 627,337	7,135	6,666
77	58	60 375	329,844	2 259,130	6,849	6,380
78	59	57 629	294,244	1 929,287	6,557	6,087
79	60	54 699	261,011	1 635,043	6,264	5,795
80	61	51 560	229,937	1 374,031	5,976	5,506
81	62	48 268	201,173	1 144,094	5,687	5,218
82	63	44 782	174,436	942,921	5,406	4,936
83	64	41 161	149,842	768,485	5,129	4,659
84	65	37 396	127,230	618,643	4,862	4,393
85	66	33 560	106,710	491,413	4,605	4,136
86	67	29 690	88,229	384,703	4,360	3,891
87	68	25 874	71,857	296,474	4,126	3,656
88	69	22 204	57,630	224,617	3,898	3,428
89	70	18 716	45,401	166,987	3,678	3,209
90	71	15 485	35,105	121,586	3,463	2,994
91	72	12 534	26,557	86,481	3,256	2,787
92	73	9 853	19,511	59,924	3,071	2,602
93	74	7 526	13,927	40,413	2,902	2,432
94	75	5 593	9,674	26,486	2,738	2,268
95	76	3 986	6,443	16,812	2,609	2,140
96	77	2 784	4,206	10,370	2,466	1,996
97	78	1 867	2,636	6,164	2,338	1,869
98	79	1 201	1,585	3,528	2,226	1,756
99	80	742	0,915	1,943	2,125	1,655
100	81	439	0,506	1,029	2,034	1,565

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	25 671,050	378 173,988	14,732	14,262
21	1	98 990	23 907,347	352 502,938	14,745	14,275
22	2	98 923	22 328,163	328 595,590	14,717	14,247
23	3	98 866	20 855,547	306 267,427	14,685	14,216
24	4	98 809	19 479,894	285 411,880	14,652	14,182
25	5	98 752	18 195,053	265 931,987	14,616	14,146
26	6	98 698	16 995,266	247 736,934	14,577	14,107
27	7	98 644	15 874,855	230 741,668	14,535	14,066
28	8	98 587	14 827,753	214 866,812	14,491	14,021
29	9	98 530	13 849,718	200 039,059	14,444	13,974
30	10	98 468	12 935,413	186 189,341	14,394	13,924
31	11	98 405	12 081,490	173 253,928	14,340	13,871
32	12	98 330	11 282,500	161 172,438	14,285	13,816
33	13	98 253	10 536,172	149 889,938	14,226	13,757
34	14	98 175	9 839,054	139 353,766	14,163	13,694
35	15	98 086	9 187,009	129 514,711	14,098	13,628
36	16	97 987	8 577,294	120 327,702	14,029	13,559
37	17	97 886	8 007,920	111 750,408	13,955	13,485
38	18	97 780	7 475,931	103 742,488	13,877	13,407
39	19	97 657	6 978,097	96 266,557	13,796	13,326
40	20	97 532	6 513,211	89 288,460	13,709	13,239
41	21	97 391	6 078,338	82 775,249	13,618	13,149
42	22	97 246	5 672,226	76 696,912	13,521	13,052
43	23	97 084	5 292,331	71 024,686	13,420	12,951
44	24	96 904	4 936,932	65 732,355	13,314	12,845
45	25	96 714	4 604,890	60 795,422	13,202	12,733
46	26	96 498	4 294,037	56 190,533	13,086	12,616
47	27	96 269	4 003,571	51 896,496	12,963	12,493
48	28	96 008	3 731,539	47 892,925	12,835	12,365
49	29	95 717	3 476,841	44 161,385	12,702	12,232
50	30	95 391	3 238,320	40 684,544	12,563	12,094
51	31	95 027	3 014,926	37 446,224	12,420	11,951
52	32	94 630	2 805,913	34 431,298	12,271	11,801
53	33	94 179	2 609,838	31 625,385	12,118	11,648
54	34	93 676	2 426,074	29 015,548	11,960	11,490
55	35	93 117	2 253,839	26 589,473	11,797	11,328
56	36	92 508	2 092,598	24 335,635	11,629	11,160
57	37	91 833	1 941,430	22 243,037	11,457	10,988
58	38	91 098	1 799,911	20 301,606	11,279	10,810
59	39	90 276	1 666,984	18 501,696	11,099	10,629
60	40	89 388	1 542,598	16 834,712	10,913	10,444
61	41	88 430	1 426,236	15 292,113	10,722	10,252
62	42	87 392	1 317,279	13 865,877	10,526	10,057
63	43	86 261	1 215,163	12 548,598	10,327	9,857
64	44	85 057	1 119,817	11 333,435	10,121	9,651
65	45	83 757	1 030,564	10 213,618	9,911	9,441
66	46	82 378	947,289	9 183,054	9,694	9,225
67	47	80 929	869,740	8 235,765	9,469	9,000
68	48	79 362	797,103	7 366,026	9,241	8,771
69	49	77 753	729,854	6 568,923	9,000	8,531
70	50	76 011	666,821	5 839,069	8,757	8,287
71	51	74 161	608,034	5 172,248	8,507	8,037
72	52	72 192	553,171	4 564,214	8,251	7,781
73	53	70 132	502,228	4 011,042	7,986	7,517
74	54	67 961	454,844	3 508,814	7,714	7,245
75	55	65 662	410,705	3 053,970	7,436	6,966
76	56	63 217	369,545	2 643,266	7,153	6,683
77	57	60 617	331,166	2 273,721	6,866	6,396
78	58	57 884	295,548	1 942,556	6,573	6,103
79	59	54 964	262,278	1 647,008	6,280	5,810
80	60	51 839	231,183	1 384,730	5,990	5,520
81	61	48 539	202,305	1 153,547	5,702	5,233
82	62	45 056	175,503	951,242	5,420	4,951
83	63	41 434	150,835	775,739	5,143	4,673
84	64	37 671	128,164	624,904	4,876	4,406
85	65	33 831	107,572	496,740	4,618	4,148
86	66	29 952	89,007	389,168	4,372	3,903
87	67	26 127	72,560	300,162	4,137	3,667
88	68	22 433	58,225	227,601	3,909	3,439
89	69	18 928	45,914	169,376	3,689	3,219
90	70	15 676	35,538	123,462	3,474	3,005
91	71	12 705	26,918	87,924	3,266	2,797
92	72	9 997	19,796	61,007	3,082	2,612
93	73	7 644	14,146	41,210	2,913	2,444
94	74	5 691	9,842	27,065	2,750	2,280
95	75	4 063	6,568	17,223	2,622	2,153
96	76	2 846	4,300	10,655	2,478	2,008
97	77	1 914	2,702	6,355	2,352	1,883
98	78	1 236	1,631	3,653	2,240	1,771
99	79	767	0,946	2,022	2,139	1,669
100	80	456	0,526	1,077	2,047	1,578

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	23 980,821	352 652,364	14,706	14,236
22	1	98 946	22 333,323	328 671,543	14,717	14,247
23	2	98 878	20 858,031	306 338,219	14,687	14,217
24	3	98 821	19 482,215	285 480,189	14,653	14,184
25	4	98 761	18 196,708	265 997,974	14,618	14,148
26	5	98 705	16 996,541	247 801,266	14,580	14,110
27	6	98 651	15 875,900	230 804,726	14,538	14,069
28	7	98 592	14 828,484	214 928,825	14,494	14,025
29	8	98 537	13 850,575	200 100,341	14,447	13,978
30	9	98 474	12 936,250	186 249,766	14,398	13,928
31	10	98 411	12 082,206	173 313,516	14,345	13,875
32	11	98 337	11 283,340	161 231,309	14,289	13,820
33	12	98 261	10 537,006	149 947,969	14,231	13,761
34	13	98 184	9 839,898	139 410,963	14,168	13,698
35	14	98 096	9 187,973	129 571,065	14,102	13,633
36	15	97 999	8 578,368	120 383,092	14,033	13,564
37	16	97 900	8 009,050	111 804,725	13,960	13,490
38	17	97 794	7 477,025	103 795,674	13,882	13,412
39	18	97 677	6 979,518	96 318,649	13,800	13,331
40	19	97 551	6 514,468	89 339,131	13,714	13,244
41	20	97 409	6 079,463	82 824,662	13,624	13,154
42	21	97 262	5 673,165	76 745,199	13,528	13,058
43	22	97 101	5 293,247	71 072,034	13,427	12,957
44	23	96 925	4 938,004	65 778,787	13,321	12,851
45	24	96 730	4 605,671	60 840,783	13,210	12,740
46	25	96 516	4 294,837	56 235,112	13,094	12,624
47	26	96 287	4 004,350	51 940,275	12,971	12,501
48	27	96 029	3 732,355	47 935,925	12,843	12,374
49	28	95 741	3 477,708	44 203,570	12,711	12,241
50	29	95 416	3 239,159	40 725,862	12,573	12,103
51	30	95 056	3 015,821	37 486,703	12,430	11,961
52	31	94 661	2 806,809	34 470,881	12,281	11,812
53	32	94 212	2 610,744	31 664,073	12,128	11,659
54	33	93 709	2 426,938	29 053,329	11,971	11,502
55	34	93 154	2 254,721	26 626,391	11,809	11,340
56	35	92 545	2 093,441	24 371,670	11,642	11,172
57	36	91 876	1 942,341	22 278,230	11,470	11,000
58	37	91 140	1 800,739	20 335,889	11,293	10,824
59	38	90 329	1 667,961	18 535,149	11,112	10,643
60	39	89 441	1 543,518	16 867,188	10,928	10,458
61	40	88 491	1 427,205	15 323,670	10,737	10,267
62	41	87 459	1 318,284	13 896,466	10,541	10,072
63	42	86 332	1 216,172	12 578,181	10,342	9,873
64	43	85 133	1 120,826	11 362,009	10,137	9,668
65	44	83 842	1 031,616	10 241,183	9,927	9,458
66	45	82 470	948,343	9 209,567	9,711	9,242
67	46	81 032	870,846	8 261,224	9,486	9,017
68	47	79 476	798,247	7 390,378	9,258	8,789
69	48	77 877	731,023	6 592,131	9,018	8,548
70	49	76 148	668,031	5 861,108	8,774	8,304
71	50	74 308	609,235	5 193,077	8,524	8,054
72	51	72 352	554,396	4 583,842	8,268	7,799
73	52	70 305	503,464	4 029,446	8,003	7,534
74	53	68 148	456,090	3 525,982	7,731	7,261
75	54	65 860	411,944	3 069,891	7,452	6,983
76	55	63 427	370,773	2 657,947	7,169	6,699
77	56	60 837	332,368	2 287,174	6,881	6,412
78	57	58 116	296,732	1 954,805	6,588	6,118
79	58	55 208	263,440	1 658,073	6,294	5,824
80	59	52 091	232,305	1 394,633	6,003	5,534
81	60	48 802	203,401	1 162,328	5,714	5,245
82	61	45 310	176,490	958,926	5,433	4,964
83	62	41 687	151,757	782,436	5,156	4,686
84	63	37 920	129,013	630,679	4,888	4,419
85	64	34 080	108,361	501,666	4,630	4,160
86	65	30 194	89,725	393,304	4,383	3,914
87	66	26 357	73,200	303,579	4,147	3,678
88	67	22 652	58,795	230,379	3,918	3,449
89	68	19 123	46,388	171,584	3,699	3,229
90	69	15 853	35,940	125,196	3,484	3,014
91	70	12 861	27,250	89,256	3,276	2,806
92	71	10 133	20,065	62,007	3,090	2,621
93	72	7 756	14,353	41,942	2,922	2,453
94	73	5 780	9,997	27,589	2,760	2,290
95	74	4 134	6,682	17,593	2,633	2,163
96	75	2 902	4,383	10,910	2,489	2,020
97	76	1 957	2,762	6,527	2,363	1,893
98	77	1 267	1,672	3,765	2,252	1,783
99	78	789	0,973	2,093	2,151	1,682
100	79	472	0,544	1,120	2,060	1,590

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	22 401,960	328 809,419	14,678	14,208
23	1	98 901	20 862,851	306 407,459	14,687	14,217
24	2	98 833	19 484,535	285 544,608	14,655	14,185
25	3	98 773	18 198,876	266 060,073	14,620	14,150
26	4	98 714	16 998,086	247 861,197	14,582	14,112
27	5	98 658	15 877,091	230 863,111	14,541	14,071
28	6	98 599	14 829,460	214 986,020	14,497	14,028
29	7	98 541	13 851,258	200 156,559	14,450	13,981
30	8	98 480	12 937,051	186 305,301	14,401	13,931
31	9	98 417	12 082,988	173 368,250	14,348	13,879
32	10	98 343	11 284,009	161 285,262	14,293	13,824
33	11	98 268	10 537,791	150 001,253	14,235	13,765
34	12	98 191	9 840,676	139 463,462	14,172	13,703
35	13	98 105	9 188,761	129 622,786	14,107	13,637
36	14	98 009	8 579,268	120 434,025	14,038	13,568
37	15	97 912	8 010,053	111 854,757	13,964	13,495
38	16	97 808	7 478,080	103 844,704	13,887	13,417
39	17	97 691	6 980,540	96 366,624	13,805	13,336
40	18	97 571	6 515,795	89 386,084	13,718	13,249
41	19	97 428	6 080,637	82 870,288	13,629	13,159
42	20	97 280	5 674,216	76 789,651	13,533	13,064
43	21	97 117	5 294,123	71 115,435	13,433	12,963
44	22	96 942	4 938,858	65 821,312	13,327	12,858
45	23	96 751	4 606,670	60 882,454	13,216	12,747
46	24	96 533	4 295,566	56 275,783	13,101	12,631
47	25	96 305	4 005,097	51 980,218	12,979	12,509
48	26	96 048	3 733,081	47 975,120	12,851	12,382
49	27	95 762	3 478,468	44 242,039	12,719	12,249
50	28	95 440	3 239,967	40 763,571	12,581	12,112
51	29	95 080	3 016,602	37 523,605	12,439	11,970
52	30	94 689	2 807,642	34 507,003	12,290	11,821
53	31	94 242	2 611,577	31 699,360	12,138	11,669
54	32	93 742	2 427,781	29 087,783	11,981	11,512
55	33	93 187	2 255,524	26 660,002	11,820	11,350
56	34	92 581	2 094,260	24 404,478	11,653	11,184
57	35	91 913	1 943,123	22 310,219	11,482	11,012
58	36	91 183	1 801,584	20 367,096	11,305	10,836
59	37	90 371	1 668,729	18 565,512	11,126	10,656
60	38	89 494	1 544,422	16 896,782	10,941	10,471
61	39	88 543	1 428,055	15 352,360	10,751	10,281
62	40	87 518	1 319,180	13 924,305	10,555	10,086
63	41	86 398	1 217,101	12 605,125	10,357	9,887
64	42	85 204	1 121,756	11 388,024	10,152	9,682
65	43	83 918	1 032,546	10 266,268	9,943	9,473
66	44	82 554	949,312	9 233,722	9,727	9,257
67	45	81 122	871,815	8 284,411	9,502	9,033
68	46	79 577	799,262	7 412,596	9,274	8,805
69	47	77 989	732,072	6 613,333	9,034	8,564
70	48	76 270	669,101	5 881,261	8,790	8,320
71	49	74 442	610,340	5 212,160	8,540	8,070
72	50	72 495	555,491	4 601,819	8,284	7,815
73	51	70 460	504,579	4 046,328	8,019	7,550
74	52	68 315	457,213	3 541,750	7,746	7,277
75	53	66 041	413,073	3 084,537	7,467	6,998
76	54	63 619	371,892	2 671,463	7,183	6,714
77	55	61 040	333,473	2 299,571	6,896	6,426
78	56	58 328	297,810	1 966,098	6,602	6,132
79	57	55 429	264,496	1 668,288	6,307	5,838
80	58	52 322	233,335	1 403,792	6,016	5,547
81	59	49 039	204,389	1 170,457	5,727	5,257
82	60	45 555	177,447	966,069	5,444	4,975
83	61	41 922	152,611	788,622	5,168	4,698
84	62	38 152	129,802	636,010	4,900	4,430
85	63	34 306	109,080	506,209	4,641	4,171
86	64	30 416	90,384	397,129	4,394	3,924
87	65	26 570	73,791	306,745	4,157	3,687
88	66	22 852	59,313	232,954	3,928	3,458
89	67	19 310	46,842	173,641	3,707	3,237
90	68	16 017	36,311	126,799	3,492	3,023
91	69	13 007	27,558	90,488	3,284	2,814
92	70	10 258	20,312	62,931	3,098	2,629
93	71	7 861	14,547	42,618	2,930	2,460
94	72	5 865	10,143	28,071	2,768	2,298
95	73	4 199	6,788	17,928	2,641	2,172
96	74	2 952	4,460	11,141	2,498	2,029
97	75	1 995	2,816	6,681	2,373	1,903
98	76	1 295	1,709	3,865	2,262	1,792
99	77	809	0,997	2,156	2,162	1,692
100	78	485	0,559	1,159	2,071	1,602

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	20 926,968	306 534,683	14,648	14,178
24	1	98 856	19 489,038	285 607,715	14,655	14,185
25	2	98 785	18 201,043	266 118,677	14,621	14,152
26	3	98 726	17 000,112	247 917,634	14,583	14,114
27	4	98 667	15 878,535	230 917,522	14,543	14,073
28	5	98 606	14 830,573	215 038,987	14,500	14,030
29	6	98 548	13 852,170	200 208,415	14,453	13,984
30	7	98 485	12 937,689	186 356,245	14,404	13,935
31	8	98 423	12 083,736	173 418,556	14,351	13,882
32	9	98 350	11 284,739	161 334,820	14,297	13,827
33	10	98 274	10 538,415	150 050,081	14,238	13,769
34	11	98 199	9 841,410	139 511,665	14,176	13,706
35	12	98 112	9 189,488	129 670,256	14,111	13,641
36	13	98 017	8 580,003	120 480,768	14,042	13,573
37	14	97 922	8 010,893	111 900,765	13,969	13,499
38	15	97 820	7 479,016	103 889,872	13,891	13,421
39	16	97 705	6 981,525	96 410,855	13,809	13,340
40	17	97 585	6 516,749	89 429,330	13,723	13,253
41	18	97 448	6 081,876	82 912,581	13,633	13,163
42	19	97 299	5 675,311	76 830,705	13,538	13,068
43	20	97 135	5 295,104	71 155,394	13,438	12,968
44	21	96 958	4 939,676	65 860,290	13,333	12,863
45	22	96 768	4 607,468	60 920,614	13,222	12,753
46	23	96 554	4 296,498	56 313,146	13,107	12,637
47	24	96 322	4 005,777	52 016,648	12,985	12,516
48	25	96 066	3 733,777	48 010,871	12,859	12,389
49	26	95 781	3 479,145	44 277,094	12,726	12,257
50	27	95 461	3 240,675	40 797,949	12,589	12,120
51	28	95 104	3 017,355	37 557,275	12,447	11,978
52	29	94 713	2 808,369	34 539,920	12,299	11,829
53	30	94 270	2 612,353	31 731,551	12,147	11,677
54	31	93 772	2 428,556	29 119,198	11,990	11,521
55	32	93 219	2 256,307	26 690,642	11,829	11,360
56	33	92 614	2 095,006	24 434,335	11,663	11,194
57	34	91 949	1 943,883	22 339,330	11,492	11,023
58	35	91 220	1 802,309	20 395,446	11,316	10,847
59	36	90 413	1 669,512	18 593,137	11,137	10,667
60	37	89 535	1 545,133	16 923,625	10,953	10,483
61	38	88 595	1 428,892	15 378,492	10,763	10,293
62	39	87 570	1 319,966	13 949,599	10,568	10,099
63	40	86 457	1 217,927	12 629,633	10,370	9,900
64	41	85 269	1 122,613	11 411,706	10,165	9,696
65	42	83 988	1 033,403	10 289,093	9,957	9,487
66	43	82 628	950,167	9 255,690	9,741	9,272
67	44	81 205	872,705	8 305,523	9,517	9,047
68	45	79 665	800,152	7 432,818	9,289	8,820
69	46	78 088	733,003	6 632,666	9,049	8,579
70	47	76 380	670,062	5 899,663	8,805	8,335
71	48	74 562	611,318	5 229,601	8,555	8,085
72	49	72 627	556,499	4 618,283	8,299	7,829
73	50	70 599	505,575	4 061,784	8,034	7,564
74	51	68 467	458,225	3 556,209	7,761	7,291
75	52	66 203	414,090	3 097,984	7,481	7,012
76	53	63 793	372,912	2 683,894	7,197	6,728
77	54	61 224	334,480	2 310,982	6,909	6,440
78	55	58 521	298,800	1 976,502	6,615	6,145
79	56	55 630	265,457	1 677,702	6,320	5,851
80	57	52 531	234,270	1 412,246	6,028	5,559
81	58	49 256	205,294	1 177,976	5,738	5,268
82	59	45 776	178,308	972,682	5,455	4,986
83	60	42 149	153,438	794,374	5,177	4,708
84	61	38 367	130,532	640,935	4,910	4,441
85	62	34 515	109,746	510,403	4,651	4,181
86	63	30 617	90,983	400,656	4,404	3,934
87	64	26 765	74,333	309,673	4,166	3,697
88	65	23 037	59,792	235,341	3,936	3,466
89	66	19 481	47,255	175,548	3,715	3,245
90	67	16 174	36,666	128,294	3,499	3,029
91	68	13 141	27,842	91,628	3,291	2,821
92	69	10 374	20,542	63,786	3,105	2,636
93	70	7 958	14,727	43,244	2,936	2,467
94	71	5 944	10,281	28,517	2,774	2,304
95	72	4 261	6,887	18,236	2,648	2,179
96	73	2 999	4,530	11,350	2,506	2,036
97	74	2 029	2,865	6,820	2,381	1,911
98	75	1 320	1,742	3,955	2,270	1,801
99	76	827	1,020	2,213	2,170	1,701
100	77	498	0,574	1,193	2,081	1,611

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	19 548,933	285 725,118	14,616	14,146
25	1	98 808	18 205,249	266 176,185	14,621	14,151
26	2	98 737	17 002,136	247 970,935	14,585	14,115
27	3	98 679	15 880,427	230 968,799	14,544	14,075
28	4	98 615	14 831,921	215 088,372	14,502	14,032
29	5	98 555	13 853,209	200 256,451	14,456	13,986
30	6	98 491	12 938,540	186 403,242	14,407	13,937
31	7	98 428	12 084,332	173 464,701	14,355	13,885
32	8	98 356	11 285,438	161 380,369	14,300	13,830
33	9	98 281	10 539,097	150 094,932	14,242	13,772
34	10	98 205	9 841,993	139 555,835	14,180	13,710
35	11	98 120	9 190,172	129 713,842	14,114	13,645
36	12	98 025	8 580,682	120 523,669	14,046	13,576
37	13	97 930	8 011,580	111 942,987	13,973	13,503
38	14	97 830	7 479,801	103 931,407	13,895	13,425
39	15	97 717	6 982,399	96 451,606	13,814	13,344
40	16	97 599	6 517,669	89 469,207	13,727	13,258
41	17	97 462	6 082,766	82 951,538	13,637	13,168
42	18	97 319	5 676,467	76 868,772	13,542	13,072
43	19	97 154	5 296,126	71 192,305	13,442	12,973
44	20	96 976	4 940,591	65 896,179	13,338	12,868
45	21	96 784	4 608,230	60 955,588	13,228	12,758
46	22	96 570	4 297,242	56 347,357	13,112	12,643
47	23	96 343	4 006,646	52 050,115	12,991	12,521
48	24	96 082	3 734,411	48 043,470	12,865	12,396
49	25	95 798	3 479,794	44 309,059	12,733	12,264
50	26	95 479	3 241,305	40 829,265	12,597	12,127
51	27	95 125	3 018,014	37 587,960	12,455	11,985
52	28	94 737	2 809,070	34 569,946	12,307	11,837
53	29	94 294	2 613,029	31 760,876	12,155	11,685
54	30	93 800	2 429,278	29 147,847	11,999	11,529
55	31	93 249	2 257,027	26 718,570	11,838	11,368
56	32	92 646	2 095,733	24 461,543	11,672	11,203
57	33	91 981	1 944,576	22 365,810	11,502	11,032
58	34	91 255	1 803,015	20 421,234	11,326	10,857
59	35	90 450	1 670,184	18 618,220	11,147	10,678
60	36	89 577	1 545,858	16 948,035	10,964	10,494
61	37	88 636	1 429,550	15 402,177	10,774	10,305
62	38	87 622	1 320,740	13 972,627	10,579	10,110
63	39	86 508	1 218,653	12 651,888	10,382	9,912
64	40	85 327	1 123,375	11 433,234	10,178	9,708
65	41	84 052	1 034,192	10 309,859	9,969	9,499
66	42	82 697	950,956	9 275,667	9,754	9,285
67	43	81 278	873,491	8 324,711	9,530	9,061
68	44	79 747	800,969	7 451,220	9,303	8,833
69	45	78 175	733,819	6 650,251	9,063	8,593
70	46	76 477	670,914	5 916,432	8,818	8,349
71	47	74 669	612,196	5 245,518	8,568	8,099
72	48	72 743	557,390	4 633,322	8,313	7,843
73	49	70 728	506,492	4 075,932	8,047	7,578
74	50	68 602	459,130	3 569,439	7,774	7,305
75	51	66 350	415,007	3 110,309	7,495	7,025
76	52	63 950	373,830	2 695,303	7,210	6,740
77	53	61 392	335,397	2 321,473	6,922	6,452
78	54	58 698	299,702	1 986,076	6,627	6,157
79	55	55 815	266,339	1 686,374	6,332	5,862
80	56	52 722	235,121	1 420,035	6,040	5,570
81	57	49 454	206,117	1 184,915	5,749	5,279
82	58	45 979	179,098	978,798	5,465	4,996
83	59	42 354	154,183	799,700	5,187	4,717
84	60	38 575	131,240	645,516	4,919	4,449
85	61	34 710	110,364	514,277	4,660	4,190
86	62	30 804	91,539	403,913	4,412	3,943
87	63	26 943	74,825	312,373	4,175	3,705
88	64	23 206	60,231	237,548	3,944	3,474
89	65	19 638	47,636	177,317	3,722	3,253
90	66	16 316	36,989	129,680	3,506	3,036
91	67	13 269	28,114	92,691	3,297	2,827
92	68	10 481	20,754	64,577	3,112	2,642
93	69	8 048	14,893	43,823	2,942	2,473
94	70	6 018	10,407	28,930	2,780	2,310
95	71	4 318	6,980	18,522	2,654	2,184
96	72	3 042	4,596	11,542	2,511	2,042
97	73	2 061	2,910	6,946	2,387	1,918
98	74	1 343	1,772	4,036	2,277	1,808
99	75	843	1,039	2,264	2,178	1,708
100	76	509	0,586	1,224	2,088	1,619

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	18 261,199	266 284,530	14,582	14,112
26	1	98 760	17 006,066	248 023,330	14,584	14,115
27	2	98 691	15 882,318	231 017,265	14,546	14,076
28	3	98 627	14 833,689	215 134,947	14,503	14,034
29	4	98 564	13 854,469	200 301,258	14,458	13,988
30	5	98 499	12 939,511	186 446,789	14,409	13,940
31	6	98 435	12 085,127	173 507,279	14,357	13,888
32	7	98 360	11 285,994	161 422,151	14,303	13,833
33	8	98 287	10 539,750	150 136,157	14,245	13,775
34	9	98 211	9 842,630	139 596,407	14,183	13,713
35	10	98 125	9 190,717	129 753,778	14,118	13,648
36	11	98 033	8 581,321	120 563,061	14,049	13,580
37	12	97 938	8 012,214	111 981,739	13,976	13,507
38	13	97 839	7 480,442	103 969,526	13,899	13,429
39	14	97 728	6 983,132	96 489,083	13,817	13,348
40	15	97 611	6 518,485	89 505,952	13,731	13,262
41	16	97 476	6 083,625	82 987,467	13,641	13,172
42	17	97 333	5 677,299	76 903,842	13,546	13,076
43	18	97 174	5 297,205	71 226,544	13,446	12,977
44	19	96 995	4 941,545	65 929,339	13,342	12,872
45	20	96 802	4 609,084	60 987,794	13,232	12,763
46	21	96 586	4 297,953	56 378,710	13,118	12,648
47	22	96 359	4 007,339	52 080,757	12,996	12,527
48	23	96 103	3 735,221	48 073,418	12,870	12,401
49	24	95 815	3 480,384	44 338,197	12,739	12,270
50	25	95 497	3 241,910	40 857,813	12,603	12,133
51	26	95 143	3 018,601	37 615,903	12,461	11,992
52	27	94 758	2 809,683	34 597,302	12,314	11,844
53	28	94 318	2 613,681	31 787,618	12,162	11,692
54	29	93 824	2 429,906	29 173,937	12,006	11,537
55	30	93 277	2 257,698	26 744,031	11,846	11,376
56	31	92 676	2 096,402	24 486,334	11,680	11,211
57	32	92 013	1 945,251	22 389,931	11,510	11,041
58	33	91 288	1 803,657	20 444,681	11,335	10,866
59	34	90 485	1 670,838	18 641,024	11,157	10,687
60	35	89 613	1 546,481	16 970,186	10,973	10,504
61	36	88 678	1 430,221	15 423,706	10,784	10,315
62	37	87 662	1 321,348	13 993,485	10,590	10,121
63	38	86 559	1 219,368	12 672,137	10,392	9,923
64	39	85 378	1 124,045	11 452,770	10,189	9,719
65	40	84 109	1 034,894	10 328,725	9,980	9,511
66	41	82 760	951,682	9 293,831	9,766	9,296
67	42	81 345	874,217	8 342,149	9,542	9,073
68	43	79 819	801,690	7 467,932	9,315	8,846
69	44	78 255	734,568	6 666,242	9,075	8,606
70	45	76 562	671,661	5 931,673	8,831	8,362
71	46	74 764	612,974	5 260,012	8,581	8,112
72	47	72 847	558,190	4 647,038	8,325	7,856
73	48	70 841	507,304	4 088,848	8,060	7,590
74	49	68 726	459,963	3 581,544	7,787	7,317
75	50	66 481	415,826	3 121,581	7,507	7,037
76	51	64 092	374,657	2 705,755	7,222	6,752
77	52	61 543	336,222	2 331,097	6,933	6,464
78	53	58 859	300,523	1 994,875	6,638	6,168
79	54	55 984	267,143	1 694,352	6,342	5,873
80	55	52 897	235,902	1 427,209	6,050	5,580
81	56	49 633	206,865	1 191,307	5,759	5,289
82	57	46 163	179,816	984,441	5,475	5,005
83	58	42 541	154,866	804,625	5,196	4,726
84	59	38 762	131,877	649,759	4,927	4,458
85	60	34 898	110,962	517,882	4,667	4,198
86	61	30 978	92,054	406,920	4,420	3,951
87	62	27 107	75,283	314,866	4,182	3,713
88	63	23 359	60,630	239,583	3,952	3,482
89	64	19 782	47,986	178,952	3,729	3,260
90	65	16 448	37,288	130,966	3,512	3,043
91	66	13 386	28,362	93,678	3,303	2,833
92	67	10 584	20,957	65,316	3,117	2,647
93	68	8 131	15,047	44,359	2,948	2,479
94	69	6 085	10,525	29,312	2,785	2,315
95	70	4 372	7,066	18,787	2,659	2,189
96	71	3 084	4,658	11,721	2,516	2,047
97	72	2 091	2,953	7,063	2,392	1,923
98	73	1 364	1,800	4,110	2,283	1,813
99	74	858	1,058	2,310	2,184	1,715
100	75	519	0,598	1,252	2,095	1,626

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 453 052,986	14,531	14,061
1	1	99 340	92 624,747	1 353 052,986	14,608	14,138
2	2	99 290	86 319,926	1 260 428,238	14,602	14,132
3	3	99 263	80 462,644	1 174 108,313	14,592	14,122
4	4	99 238	75 004,848	1 093 645,669	14,581	14,111
5	5	99 218	69 920,120	1 018 640,822	14,569	14,099
6	6	99 201	65 182,553	948 720,701	14,555	14,085
7	7	99 184	60 765,970	883 538,148	14,540	14,070
8	8	99 171	56 650,684	822 772,178	14,524	14,054
9	9	99 157	52 813,578	766 121,494	14,506	14,036
10	10	99 142	49 236,283	713 307,916	14,487	14,018
11	11	99 129	45 901,706	664 071,633	14,467	13,997
12	12	99 112	42 791,784	618 169,927	14,446	13,976
13	13	99 097	39 892,816	575 378,144	14,423	13,953
14	14	99 079	37 189,354	535 485,327	14,399	13,929
15	15	99 056	34 667,562	498 295,974	14,374	13,904
16	16	99 029	32 315,165	463 628,412	14,347	13,877
17	17	98 990	30 118,679	431 313,247	14,320	13,851
18	18	98 946	28 070,340	401 194,567	14,292	13,823
19	19	98 888	26 157,450	373 124,227	14,265	13,795
20	20	98 828	24 374,341	346 966,777	14,235	13,765
21	21	98 765	22 712,208	322 592,436	14,203	13,734
22	22	98 704	21 163,909	299 880,228	14,169	13,700
23	23	98 643	19 720,936	278 716,319	14,133	13,663
24	24	98 576	18 375,387	258 995,383	14,095	13,625
25	25	98 512	17 122,042	240 619,997	14,053	13,583
26	26	98 446	15 953,951	223 497,955	14,009	13,539
27	27	98 380	14 865,538	207 544,004	13,961	13,492
28	28	98 307	13 850,301	192 678,466	13,912	13,442
29	29	98 232	12 904,163	178 828,165	13,858	13,388
30	30	98 150	12 021,852	165 924,003	13,802	13,332
31	31	98 064	11 199,402	153 902,151	13,742	13,272
32	32	97 966	10 431,814	142 702,749	13,680	13,210
33	33	97 863	9 716,446	132 270,935	13,613	13,143
34	34	97 759	9 049,967	122 554,489	13,542	13,072
35	35	97 642	8 428,105	113 504,522	13,467	12,997
36	36	97 516	7 848,237	105 076,418	13,389	12,919
37	37	97 384	7 307,782	97 228,181	13,305	12,835
38	38	97 248	6 804,266	89 920,398	13,215	12,745
39	39	97 089	6 333,934	83 116,133	13,122	12,652
40	40	96 925	5 895,806	76 782,199	13,023	12,553
41	41	96 737	5 486,620	70 886,393	12,920	12,450
42	42	96 536	5 105,057	65 399,772	12,811	12,341
43	43	96 312	4 748,923	60 294,716	12,697	12,227
44	44	96 067	4 416,671	55 545,793	12,576	12,106
45	45	95 797	4 106,520	51 129,122	12,451	11,981
46	46	95 495	3 816,847	47 022,601	12,320	11,850
47	47	95 165	3 546,548	43 205,754	12,182	11,713
48	48	94 793	3 293,856	39 659,206	12,040	11,570
49	49	94 378	3 057,743	36 365,350	11,893	11,423
50	50	93 910	2 836,922	33 307,608	11,741	11,271
51	51	93 395	2 630,649	30 470,685	11,583	11,113
52	52	92 829	2 437,953	27 840,036	11,419	10,950
53	53	92 192	2 257,534	25 402,083	11,252	10,782
54	54	91 481	2 088,706	23 144,550	11,081	10,611
55	55	90 697	1 930,827	21 055,843	10,905	10,435
56	56	89 841	1 783,308	19 125,016	10,724	10,255
57	57	88 905	1 645,424	17 341,708	10,539	10,069
58	58	87 882	1 516,548	15 696,284	10,350	9,880
59	59	86 756	1 395,912	14 179,736	10,158	9,688
60	60	85 538	1 283,281	12 783,824	9,962	9,492
61	61	84 223	1 178,132	11 500,543	9,762	9,292
62	62	82 831	1 080,343	10 322,411	9,555	9,085
63	63	81 330	989,050	9 242,068	9,344	8,874
64	64	79 738	904,147	8 253,018	9,128	8,658
65	65	78 027	824,936	7 348,870	8,908	8,439
66	66	76 212	751,284	6 523,934	8,684	8,214
67	67	74 312	683,028	5 772,650	8,452	7,982
68	68	72 270	619,359	5 089,622	8,218	7,748
69	69	70 194	560,901	4 470,263	7,970	7,500
70	70	67 978	506,471	3 909,362	7,719	7,249
71	71	65 645	456,029	3 402,891	7,462	6,992
72	72	63 186	409,276	2 946,861	7,200	6,730
73	73	60 647	366,276	2 537,585	6,928	6,458
74	74	58 019	326,714	2 171,309	6,646	6,176
75	75	55 263	290,159	1 844,595	6,357	5,887
76	76	52 364	256,355	1 554,435	6,064	5,594
77	77	49 293	225,007	1 298,081	5,769	5,299
78	78	46 104	196,223	1 073,073	5,469	4,999
79	79	42 737	169,595	876,850	5,170	4,700
80	80	39 169	144,930	707,255	4,880	4,410
81	81	35 458	122,330	562,325	4,597	4,127
82	82	31 640	101,780	439,995	4,323	3,853
83	83	27 801	83,384	338,215	4,056	3,586
84	84	23 966	67,021	254,831	3,802	3,332
85	85	20 224	52,734	187,809	3,561	3,092
86	86	16 656	40,494	135,076	3,336	2,866
87	87	13 353	30,271	94,582	3,124	2,655
88	88	10 406	21,995	64,311	2,924	2,454
89	89	7 852	15,475	42,316	2,734	2,265
90	90	5 716	10,503	26,841	2,556	2,086
91	91	3 996	6,846	16,338	2,386	1,917
92	92	2 654	4,239	9,492	2,239	1,769
93	93	1 672	2,491	5,253	2,108	1,639
94	94	1 000	1,389	2,761	1,988	1,518
95	95	556	0,720	1,372	1,907	1,437
96	96	298	0,360	0,653	1,814	1,344
97	97	150	0,168	0,293	1,739	1,269
98	98	72	0,075	0,124	1,656	1,186
99	99	32	0,031	0,049	1,585	1,115
100	100	13	0,012	0,018	1,524	1,054

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 452 288,970	14,568	14,098	50	51	93 725	2 831,331	33 076,767	11,682	11,213
1	2	99 317	92 603,346	1 352 595,356	14,606	14,136	51	52	93 189	2 624,839	30 245,435	11,523	11,053
2	3	99 278	86 309,647	1 259 992,010	14,599	14,129	52	53	92 601	2 431,967	27 620,597	11,357	10,887
3	4	99 251	80 453,057	1 173 682,363	14,588	14,119	53	54	91 940	2 251,363	25 188,630	11,188	10,718
4	5	99 229	74 998,028	1 093 229,306	14,577	14,107	54	55	91 206	2 082,420	22 937,266	11,015	10,545
5	6	99 210	69 914,877	1 018 231,278	14,564	14,094	55	56	90 397	1 924,430	20 854,846	10,837	10,367
6	7	99 194	65 178,262	948 316,402	14,550	14,080	56	57	89 516	1 776,854	18 930,417	10,654	10,184
7	8	99 179	60 762,975	883 138,139	14,534	14,064	57	58	88 550	1 638,855	17 153,562	10,467	9,997
8	9	99 165	56 647,177	822 375,164	14,517	14,048	58	59	87 494	1 509,859	15 514,707	10,276	9,806
9	10	99 150	52 810,160	765 727,988	14,500	14,030	59	60	86 337	1 389,169	14 004,848	10,081	9,612
10	11	99 136	49 233,366	712 917,827	14,480	14,010	60	61	85 077	1 276,363	12 615,678	9,884	9,414
11	12	99 121	45 898,287	663 684,462	14,460	13,990	61	62	83 752	1 171,541	11 339,315	9,679	9,209
12	13	99 105	42 788,398	617 786,175	14,438	13,968	62	63	82 328	1 073,778	10 167,775	9,469	8,999
13	14	99 088	39 889,397	574 997,777	14,415	13,945	63	64	80 794	982,538	9 093,997	9,256	8,786
14	15	99 068	37 185,451	535 108,380	14,390	13,920	64	65	79 157	897,559	8 111,459	9,037	8,567
15	16	99 044	34 663,225	497 922,929	14,365	13,895	65	66	77 402	818,327	7 213,900	8,815	8,346
16	17	99 015	32 310,606	463 259,704	14,338	13,868	66	67	75 547	744,721	6 395,574	8,588	8,118
17	18	98 975	30 114,269	430 949,099	14,310	13,841	67	68	73 591	676,407	5 650,853	8,354	7,884
18	19	98 926	28 064,624	400 834,829	14,283	13,813	68	69	71 532	613,032	4 974,446	8,114	7,645
19	20	98 869	26 152,401	372 770,206	14,254	13,784	69	70	69 410	554,635	4 361,414	7,864	7,394
20	21	98 809	24 369,828	346 617,805	14,223	13,753	70	71	67 149	500,300	3 806,779	7,609	7,139
21	22	98 749	22 708,448	322 247,977	14,191	13,721	71	72	64 766	449,923	3 306,478	7,349	6,879
22	23	98 687	21 160,247	299 539,529	14,156	13,686	72	73	62 276	403,379	2 856,555	7,082	6,612
23	24	98 621	19 716,656	278 379,282	14,119	13,649	73	74	59 708	360,605	2 453,176	6,803	6,333
24	25	98 559	18 372,271	258 662,626	14,079	13,609	74	75	57 026	321,125	2 092,571	6,516	6,046
25	26	98 493	17 118,849	240 290,355	14,037	13,567	75	76	54 209	284,627	1 771,447	6,224	5,754
26	27	98 427	15 950,847	223 171,506	13,991	13,521	76	77	51 221	250,759	1 486,820	5,929	5,459
27	28	98 359	14 862,290	207 220,659	13,943	13,473	77	78	48 088	219,505	1 236,060	5,631	5,161
28	29	98 282	13 846,847	192 358,369	13,892	13,422	78	79	44 809	190,710	1 016,555	5,330	4,860
29	30	98 206	12 900,823	178 511,522	13,837	13,367	79	80	41 330	164,011	825,845	5,035	4,565
30	31	98 121	12 018,282	165 610,699	13,780	13,310	80	81	37 665	139,363	661,834	4,749	4,279
31	32	98 033	11 195,827	153 592,416	13,719	13,249	81	82	33 896	116,940	522,471	4,468	3,998
32	33	97 932	10 428,194	142 396,590	13,655	13,185	82	83	30 048	96,656	405,531	4,196	3,726
33	34	97 828	9 712,986	131 968,396	13,587	13,117	83	84	26 186	78,541	308,874	3,933	3,463
34	35	97 720	9 046,427	122 255,410	13,514	13,044	84	85	22 355	62,516	230,333	3,684	3,214
35	36	97 602	8 424,713	113 208,982	13,438	12,968	85	86	18 662	48,662	167,817	3,449	2,979
36	37	97 470	7 844,557	104 784,269	13,358	12,888	86	87	15 175	36,894	119,156	3,230	2,760
37	38	97 339	7 304,419	96 939,712	13,271	12,801	87	88	12 002	27,208	82,262	3,023	2,554
38	39	97 191	6 800,281	89 635,293	13,181	12,711	88	89	9 211	19,469	55,054	2,828	2,358
39	40	97 031	6 330,161	82 835,012	13,086	12,616	89	90	6 824	13,449	35,585	2,646	2,176
40	41	96 859	5 891,805	76 504,852	12,985	12,515	90	91	4 870	8,949	22,136	2,474	2,004
41	42	96 664	5 482,435	70 613,047	12,880	12,410	91	92	3 327	5,700	13,187	2,313	1,843
42	43	96 455	5 100,820	65 130,612	12,769	12,299	92	93	2 156	3,444	7,486	2,174	1,704
43	44	96 225	4 744,649	60 029,792	12,652	12,182	93	94	1 323	1,970	4,042	2,052	1,582
44	45	95 969	4 412,166	55 285,142	12,530	12,060	94	95	765	1,062	2,072	1,950	1,480
45	46	95 691	4 101,954	50 872,977	12,402	11,932	95	96	417	0,540	1,010	1,868	1,398
46	47	95 374	3 812,001	46 771,022	12,269	11,800	96	97	218	0,263	0,469	1,785	1,315
47	48	95 029	3 541,464	42 959,022	12,130	11,660	97	98	108	0,122	0,206	1,695	1,225
48	49	94 641	3 288,587	39 417,558	11,986	11,516	98	99	50	0,052	0,085	1,619	1,149
49	50	94 207	3 052,204	36 128,971	11,837	11,367	99	100	21	0,021	0,032	1,553	1,083

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 451 789,249	14,566	14,096
1	3	99 305	92 592,319	1 352 118,670	14,603	14,133
2	4	99 266	86 299,364	1 259 526,351	14,595	14,125
3	5	99 242	80 445,742	1 173 226,987	14,584	14,114
4	6	99 222	74 992,403	1 092 781,245	14,572	14,102
5	7	99 204	69 910,275	1 017 788,842	14,559	14,089
6	8	99 189	65 175,049	947 878,568	14,544	14,074
7	9	99 173	60 759,213	882 703,518	14,528	14,058
8	10	99 158	56 643,511	821 944,305	14,511	14,041
9	11	99 144	52 807,031	765 300,794	14,492	14,023
10	12	99 129	49 229,699	712 493,763	14,473	14,003
11	13	99 113	45 894,655	663 264,064	14,452	13,982
12	14	99 096	42 784,730	617 369,409	14,430	13,960
13	15	99 078	39 885,211	574 584,679	14,406	13,936
14	16	99 056	37 180,799	534 699,468	14,381	13,911
15	17	99 030	34 658,334	497 518,669	14,355	13,885
16	18	99 001	32 305,875	462 860,335	14,327	13,858
17	19	98 955	30 108,137	430 554,460	14,300	13,830
18	20	98 907	28 059,207	400 446,323	14,271	13,802
19	21	98 851	26 147,558	372 387,117	14,242	13,772
20	22	98 793	24 365,793	346 239,559	14,210	13,740
21	23	98 731	22 704,518	321 873,765	14,177	13,707
22	24	98 666	21 155,656	299 169,247	14,141	13,671
23	25	98 605	19 713,313	278 013,592	14,103	13,633
24	26	98 541	18 368,845	258 300,279	14,062	13,592
25	27	98 474	17 115,518	239 931,433	14,018	13,548
26	28	98 405	15 947,363	222 815,915	13,972	13,502
27	29	98 334	14 858,584	206 868,553	13,922	13,453
28	30	98 257	13 843,263	192 009,969	13,870	13,400
29	31	98 177	12 896,993	178 166,705	13,815	13,345
30	32	98 090	12 014,446	165 269,713	13,756	13,286
31	33	97 999	11 191,941	153 255,267	13,693	13,223
32	34	97 897	10 424,481	142 063,325	13,628	13,158
33	35	97 790	9 709,188	131 638,845	13,558	13,088
34	36	97 681	9 042,786	121 929,657	13,484	13,014
35	37	97 557	8 420,763	112 886,871	13,406	12,936
36	38	97 425	7 840,947	104 466,108	13,323	12,853
37	39	97 282	7 300,141	96 625,161	13,236	12,766
38	40	97 133	6 796,230	89 325,020	13,143	12,673
39	41	96 965	6 325,864	82 528,790	13,046	12,576
40	42	96 785	5 887,310	76 202,925	12,944	12,474
41	43	96 583	5 477,885	70 315,615	12,836	12,366
42	44	96 369	5 096,230	64 837,730	12,723	12,253
43	45	96 127	4 739,810	59 741,500	12,604	12,134
44	46	95 863	4 407,259	55 001,690	12,480	12,010
45	47	95 569	4 096,746	50 594,431	12,350	11,880
46	48	95 237	3 806,536	46 497,685	12,215	11,745
47	49	94 877	3 535,799	42 691,149	12,074	11,604
48	50	94 470	3 282,630	39 155,350	11,928	11,458
49	51	94 021	3 046,189	35 872,720	11,776	11,306
50	52	93 518	2 825,078	32 826,531	11,620	11,150
51	53	92 960	2 618,394	30 001,453	11,458	10,988
52	54	92 348	2 425,320	27 383,059	11,290	10,821
53	55	91 663	2 244,588	24 957,739	11,119	10,649
54	56	90 904	2 075,520	22 713,151	10,943	10,473
55	57	90 070	1 917,465	20 637,631	10,763	10,293
56	58	89 159	1 769,761	18 720,166	10,578	10,108
57	59	88 159	1 631,627	16 950,405	10,389	9,919
58	60	87 072	1 502,567	15 318,778	10,195	9,725
59	61	85 871	1 381,680	13 816,212	10,000	9,530
60	62	84 601	1 269,222	12 434,531	9,797	9,327
61	63	83 243	1 164,422	11 165,310	9,589	9,119
62	64	81 786	1 066,708	10 000,888	9,375	8,906
63	65	80 205	975,378	8 934,181	9,160	8,690
64	66	78 523	890,367	7 958,803	8,939	8,469
65	67	76 726	811,178	7 068,436	8,714	8,244
66	68	74 814	737,501	6 257,257	8,484	8,015
67	69	72 840	669,497	5 519,756	8,245	7,775
68	70	70 733	606,184	4 850,259	8,001	7,531
69	71	68 564	547,878	4 244,075	7,746	7,276
70	72	66 250	493,601	3 696,197	7,488	7,018
71	73	63 833	443,440	3 202,596	7,222	6,752
72	74	61 312	397,133	2 759,156	6,948	6,478
73	75	58 687	354,436	2 362,023	6,664	6,194
74	76	55 939	315,002	2 007,587	6,373	5,903
75	77	53 026	278,415	1 692,585	6,079	5,609
76	78	49 969	244,628	1 414,171	5,781	5,311
77	79	46 737	213,337	1 169,543	5,482	5,012
78	80	43 333	184,431	956,206	5,185	4,715
79	81	39 742	157,712	771,775	4,894	4,424
80	82	36 005	133,223	614,063	4,609	4,139
81	83	32 189	111,053	480,840	4,330	3,860
82	84	28 302	91,042	369,788	4,062	3,592
83	85	24 426	73,261	278,745	3,805	3,335
84	86	20 628	57,689	205,484	3,562	3,092
85	87	17 003	44,335	147,795	3,334	2,864
86	88	13 639	33,160	103,460	3,120	2,650
87	89	10 624	24,084	70,300	2,919	2,449
88	90	8 005	16,920	46,216	2,731	2,261
89	91	5 815	11,459	29,295	2,556	2,087
90	92	4 055	7,452	17,836	2,394	1,924
91	93	2 703	4,631	10,384	2,242	1,772
92	94	1 705	2,724	5,753	2,112	1,642
93	95	1 012	1,507	3,029	2,011	1,541
94	96	574	0,798	1,523	1,909	1,439
95	97	305	0,395	0,725	1,836	1,366
96	98	157	0,190	0,330	1,737	1,267
97	99	75	0,085	0,140	1,655	1,185
98	100	33	0,035	0,055	1,584	1,114

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 451 268,694	14,562	14,092
1	4	99 293	92 581,287	1 351 609,984	14,599	14,129
2	5	99 257	86 291,517	1 259 028,696	14,590	14,121
3	6	99 234	80 439,709	1 172 737,180	14,579	14,109
4	7	99 215	74 987,467	1 092 297,471	14,566	14,097
5	8	99 199	69 906,828	1 017 310,004	14,552	14,082
6	9	99 183	65 171,014	947 403,176	14,537	14,067
7	10	99 167	60 755,281	882 232,162	14,521	14,051
8	11	99 152	56 640,155	821 476,880	14,503	14,034
9	12	99 137	52 803,098	764 836,726	14,485	14,015
10	13	99 121	49 225,804	712 033,628	14,465	13,995
11	14	99 105	45 890,721	662 807,824	14,443	13,973
12	15	99 086	42 780,241	616 917,103	14,421	13,951
13	16	99 066	39 880,221	574 136,862	14,397	13,927
14	17	99 042	37 175,553	534 256,641	14,371	13,901
15	18	99 016	34 653,259	497 081,088	14,344	13,875
16	19	98 981	32 299,296	462 427,829	14,317	13,847
17	20	98 936	30 102,325	430 128,533	14,289	13,819
18	21	98 889	28 054,011	400 026,208	14,259	13,789
19	22	98 834	26 143,229	371 972,197	14,228	13,758
20	23	98 776	24 361,577	345 828,967	14,196	13,726
21	24	98 710	22 699,592	321 467,391	14,162	13,692
22	25	98 649	21 152,068	298 767,799	14,125	13,655
23	26	98 586	19 709,637	277 615,731	14,085	13,615
24	27	98 522	18 365,271	257 906,093	14,043	13,573
25	28	98 453	17 111,780	239 540,822	13,999	13,529
26	29	98 381	15 943,386	222 429,043	13,951	13,481
27	30	98 309	14 854,739	206 485,657	13,900	13,430
28	31	98 228	13 839,153	191 630,918	13,847	13,377
29	32	98 146	12 892,876	177 791,766	13,790	13,320
30	33	98 056	12 010,277	164 898,890	13,730	13,260
31	34	97 964	11 187,957	152 888,613	13,665	13,196
32	35	97 858	10 420,403	141 700,657	13,598	13,128
33	36	97 750	9 705,280	131 280,253	13,527	13,057
34	37	97 635	9 038,547	121 574,973	13,451	12,981
35	38	97 512	8 416,887	112 536,427	13,370	12,900
36	39	97 368	7 836,355	104 119,539	13,287	12,817
37	40	97 224	7 295,793	96 283,185	13,197	12,727
38	41	97 067	6 791,617	88 987,392	13,103	12,633
39	42	96 891	6 321,039	82 195,775	13,004	12,534
40	43	96 705	5 882,425	75 874,736	12,899	12,429
41	44	96 496	5 472,956	69 992,311	12,789	12,319
42	45	96 270	5 091,032	64 519,356	12,673	12,203
43	46	96 020	4 734,539	59 428,324	12,552	12,082
44	47	95 741	4 401,663	54 693,785	12,426	11,956
45	48	95 432	4 090,873	50 292,121	12,294	11,824
46	49	95 085	3 800,447	46 201,248	12,157	11,687
47	50	94 705	3 529,394	42 400,801	12,014	11,544
48	51	94 283	3 276,161	38 871,407	11,865	11,395
49	52	93 813	3 039,461	35 595,246	11,711	11,241
50	53	93 288	2 818,141	32 555,786	11,552	11,082
51	54	92 706	2 611,238	29 737,644	11,388	10,918
52	55	92 070	2 418,021	27 126,407	11,218	10,749
53	56	91 359	2 237,150	24 708,386	11,045	10,575
54	57	90 575	2 068,009	22 471,235	10,866	10,396
55	58	89 710	1 909,810	20 403,226	10,683	10,213
56	59	88 765	1 761,955	18 493,416	10,496	10,026
57	60	87 733	1 623,746	16 731,461	10,304	9,834
58	61	86 602	1 494,466	15 107,715	10,109	9,639
59	62	85 391	1 373,950	13 613,248	9,908	9,438
60	63	84 087	1 261,509	12 239,299	9,702	9,232
61	64	82 694	1 156,755	10 977,790	9,490	9,020
62	65	81 190	1 058,934	9 821,035	9,274	8,805
63	66	79 563	967,563	8 762,101	9,056	8,586
64	67	77 837	882,589	7 794,538	8,831	8,362
65	68	75 982	803,315	6 911,949	8,604	8,134
66	69	74 050	729,968	6 108,634	8,368	7,898
67	70	72 026	662,018	5 378,666	8,125	7,655
68	71	69 871	598,798	4 716,649	7,877	7,407
69	72	67 646	540,541	4 117,851	7,618	7,148
70	73	65 296	486,489	3 577,310	7,353	6,883
71	74	62 844	436,574	3 090,821	7,080	6,610
72	75	60 263	390,339	2 654,247	6,800	6,330
73	76	57 568	347,677	2 263,907	6,512	6,042
74	77	54 718	308,127	1 916,230	6,219	5,749
75	78	51 729	271,607	1 608,103	5,921	5,451
76	79	48 565	237,754	1 336,497	5,621	5,151
77	80	45 198	206,313	1 098,743	5,326	4,856
78	81	41 669	177,347	892,429	5,032	4,562
79	82	37 991	150,763	715,082	4,743	4,273
80	83	34 192	126,516	564,319	4,460	3,991
81	84	30 320	104,603	437,803	4,185	3,715
82	85	26 400	84,923	333,201	3,924	3,454
83	86	22 540	67,604	248,278	3,673	3,203
84	87	18 794	52,560	180,674	3,438	2,968
85	88	15 282	39,849	128,115	3,215	2,745
86	89	12 073	29,353	88,266	3,007	2,537
87	90	9 233	20,931	58,913	2,815	2,345
88	91	6 821	14,417	37,982	2,634	2,165
89	92	4 842	9,542	23,565	2,470	2,000
90	93	3 295	6,054	14,023	2,316	1,846
91	94	2 138	3,662	7,969	2,176	1,706
92	95	1 304	2,083	4,307	2,067	1,598
93	96	760	1,132	2,224	1,965	1,495
94	97	420	0,583	1,092	1,874	1,404
95	98	220	0,285	0,509	1,784	1,314
96	99	109	0,132	0,224	1,694	1,224
97	100	50	0,057	0,092	1,617	1,147

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 450 713,411	14,559	14,089
1	5	99 284	92 572,869	1 351 066,574	14,595	14,125
2	6	99 250	86 285,045	1 258 493,705	14,585	14,115
3	7	99 228	80 434,414	1 172 208,659	14,573	14,104
4	8	99 210	74 983,770	1 091 774,246	14,560	14,090
5	9	99 193	69 902,500	1 016 790,476	14,546	14,076
6	10	99 177	65 166,797	946 887,975	14,530	14,060
7	11	99 161	60 751,681	881 721,178	14,514	14,044
8	12	99 145	56 635,936	820 969,497	14,496	14,026
9	13	99 129	52 798,920	764 333,561	14,476	14,006
10	14	99 113	49 221,584	711 534,640	14,456	13,986
11	15	99 095	45 885,906	662 313,056	14,434	13,964
12	16	99 073	42 774,889	616 427,150	14,411	13,941
13	17	99 052	39 874,594	573 652,262	14,386	13,917
14	18	99 028	37 170,110	533 777,668	14,360	13,891
15	19	98 995	34 646,202	496 607,558	14,334	13,864
16	20	98 961	32 293,061	461 961,356	14,305	13,835
17	21	98 918	30 096,751	429 668,294	14,276	13,806
18	22	98 872	28 049,366	399 571,543	14,245	13,775
19	23	98 817	26 138,705	371 522,177	14,213	13,744
20	24	98 755	24 356,291	345 383,471	14,180	13,711
21	25	98 693	22 695,743	321 027,181	14,145	13,675
22	26	98 631	21 148,124	298 331,438	14,107	13,637
23	27	98 567	19 705,802	277 183,314	14,066	13,596
24	28	98 500	18 361,260	257 477,512	14,023	13,553
25	29	98 428	17 107,512	239 116,252	13,977	13,507
26	30	98 355	15 939,260	222 008,740	13,928	13,459
27	31	98 280	14 850,328	206 069,480	13,876	13,407
28	32	98 196	13 834,735	191 219,152	13,822	13,352
29	33	98 112	12 888,401	177 384,417	13,763	13,293
30	34	98 021	12 006,000	164 496,016	13,701	13,231
31	35	97 926	11 183,581	152 490,015	13,635	13,165
32	36	97 819	10 416,209	141 306,435	13,566	13,096
33	37	97 705	9 700,729	130 890,225	13,493	13,023
34	38	97 590	9 034,387	121 189,496	13,414	12,944
35	39	97 455	8 411,958	112 155,109	13,333	12,863
36	40	97 310	7 831,686	103 743,151	13,247	12,777
37	41	97 158	7 290,841	95 911,464	13,155	12,685
38	42	96 993	6 786,436	88 620,623	13,058	12,589
39	43	96 811	6 315,793	81 834,187	12,957	12,487
40	44	96 618	5 877,131	75 518,394	12,850	12,380
41	45	96 398	5 467,373	69 641,263	12,738	12,268
42	46	96 163	5 085,371	64 173,890	12,619	12,149
43	47	95 898	4 728,528	59 088,519	12,496	12,026
44	48	95 604	4 395,353	54 359,991	12,368	11,898
45	49	95 279	4 084,329	49 964,638	12,233	11,763
46	50	94 912	3 793,563	45 880,309	12,094	11,624
47	51	94 518	3 522,439	42 086,746	11,948	11,478
48	52	94 075	3 268,925	38 564,307	11,797	11,327
49	53	93 583	3 031,998	35 295,382	11,641	11,171
50	54	93 033	2 810,439	32 263,384	11,480	11,010
51	55	92 427	2 603,379	29 452,945	11,313	10,843
52	56	91 765	2 410,009	26 849,567	11,141	10,671
53	57	91 029	2 229,054	24 439,558	10,964	10,494
54	58	90 213	2 059,753	22 210,503	10,783	10,313
55	59	89 315	1 901,387	20 150,750	10,598	10,128
56	60	88 337	1 753,445	18 249,363	10,408	9,938
57	61	87 260	1 614,993	16 495,919	10,214	9,744
58	62	86 118	1 486,105	14 880,926	10,013	9,543
59	63	84 872	1 365,601	13 394,821	9,809	9,339
60	64	83 533	1 253,203	12 029,221	9,599	9,129
61	65	82 092	1 148,325	10 776,018	9,384	8,914
62	66	80 539	1 050,450	9 627,693	9,165	8,695
63	67	78 868	959,111	8 577,243	8,943	8,473
64	68	77 082	874,033	7 618,132	8,716	8,246
65	69	75 206	795,109	6 744,099	8,482	8,012
66	70	73 223	721,812	5 948,990	8,242	7,772
67	71	71 148	653,952	5 227,178	7,993	7,523
68	72	68 935	590,780	4 573,226	7,741	7,271
69	73	66 671	532,752	3 982,446	7,475	7,005
70	74	64 285	478,956	3 449,694	7,203	6,733
71	75	61 769	429,105	2 970,737	6,923	6,453
72	76	59 114	382,896	2 541,632	6,638	6,168
73	77	56 311	340,089	2 158,736	6,348	5,878
74	78	53 380	300,592	1 818,647	6,050	5,580
75	79	50 276	263,975	1 518,054	5,751	5,281
76	80	46 966	229,926	1 254,080	5,454	4,984
77	81	43 462	198,389	1 024,154	5,162	4,692
78	82	39 833	169,533	825,764	4,871	4,401
79	83	36 079	143,173	656,232	4,583	4,114
80	84	32 206	119,168	513,058	4,305	3,835
81	85	28 282	97,571	393,891	4,037	3,567
82	86	24 361	78,365	296,319	3,781	3,311
83	87	20 536	61,593	217,955	3,539	3,069
84	88	16 892	47,241	156,361	3,310	2,840
85	89	13 527	35,273	109,120	3,094	2,624
86	90	10 492	25,510	73,847	2,895	2,425
87	91	7 867	17,834	48,337	2,710	2,240
88	92	5 680	12,005	30,503	2,541	2,071
89	93	3 934	7,752	18,498	2,386	1,916
90	94	2 605	4,788	10,746	2,244	1,775
91	95	1 635	2,801	5,958	2,127	1,657
92	96	979	1,564	3,157	2,018	1,548
93	97	555	0,827	1,593	1,927	1,457
94	98	303	0,421	0,766	1,818	1,348
95	99	153	0,198	0,345	1,737	1,267
96	100	73	0,088	0,146	1,654	1,184

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 450 120,515	14,554	14,084
1	6	99 277	92 565,926	1 350 482,739	14,589	14,120
2	7	99 243	86 279,365	1 257 916,813	14,580	14,110
3	8	99 223	80 430,449	1 171 637,447	14,567	14,097
4	9	99 204	74 979,128	1 091 206,998	14,553	14,084
5	10	99 186	69 897,977	1 016 227,871	14,539	14,069
6	11	99 171	65 162,936	946 329,894	14,523	14,053
7	12	99 153	60 747,156	881 166,958	14,505	14,036
8	13	99 137	56 631,455	820 419,801	14,487	14,017
9	14	99 121	52 794,394	763 788,346	14,467	13,997
10	15	99 102	49 216,419	710 993,952	14,446	13,976
11	16	99 082	45 880,165	661 777,533	14,424	13,954
12	17	99 059	42 768,853	615 897,367	14,401	13,931
13	18	99 037	39 868,755	573 128,514	14,375	13,905
14	19	99 007	37 162,540	533 259,759	14,349	13,879
15	20	98 976	34 639,515	496 097,218	14,322	13,852
16	21	98 943	32 287,082	461 457,704	14,292	13,822
17	22	98 901	30 091,769	429 170,622	14,262	13,792
18	23	98 855	28 044,512	399 078,853	14,230	13,760
19	24	98 796	26 133,034	371 034,341	14,198	13,728
20	25	98 738	24 352,161	344 901,307	14,163	13,693
21	26	98 675	22 691,511	320 549,147	14,126	13,656
22	27	98 612	21 144,009	297 857,636	14,087	13,617
23	28	98 546	19 701,498	276 713,627	14,045	13,575
24	29	98 476	18 356,680	257 012,129	14,001	13,531
25	30	98 403	17 103,085	238 655,448	13,954	13,484
26	31	98 326	15 934,527	221 552,363	13,904	13,434
27	32	98 248	14 845,588	205 617,836	13,850	13,381
28	33	98 162	13 829,934	190 772,249	13,794	13,324
29	34	98 077	12 883,813	176 942,315	13,734	13,264
30	35	97 982	12 001,305	164 058,502	13,670	13,200
31	36	97 886	11 179,080	152 057,197	13,602	13,132
32	37	97 773	10 411,326	140 878,118	13,531	13,061
33	38	97 660	9 696,265	130 466,792	13,455	12,985
34	39	97 533	9 029,096	120 770,527	13,376	12,906
35	40	97 397	8 406,947	111 741,431	13,292	12,822
36	41	97 244	7 826,371	103 334,484	13,203	12,733
37	42	97 084	7 285,279	95 508,113	13,110	12,640
38	43	96 912	6 780,805	88 222,834	13,011	12,541
39	44	96 723	6 310,110	81 442,029	12,907	12,437
40	45	96 519	5 871,136	75 131,920	12,797	12,327
41	46	96 291	5 461,294	69 260,784	12,682	12,212
42	47	96 041	5 078,914	63 799,490	12,562	12,092
43	48	95 761	4 721,749	58 720,576	12,436	11,966
44	49	95 451	4 388,323	53 998,827	12,305	11,835
45	50	95 107	4 076,931	49 610,505	12,169	11,699
46	51	94 725	3 786,087	45 533,574	12,027	11,557
47	52	94 310	3 514,658	41 747,487	11,878	11,408
48	53	93 844	3 260,899	38 232,828	11,725	11,255
49	54	93 327	3 023,711	34 971,930	11,566	11,096
50	55	92 753	2 801,980	31 948,219	11,402	10,932
51	56	92 121	2 594,753	29 146,238	11,233	10,763
52	57	91 433	2 401,287	26 551,485	11,057	10,587
53	58	90 665	2 220,155	24 150,198	10,878	10,408
54	59	89 815	2 050,668	21 930,043	10,694	10,224
55	60	88 883	1 892,203	19 879,374	10,506	10,036
56	61	87 860	1 743,992	17 987,171	10,314	9,844
57	62	86 772	1 605,957	16 243,179	10,114	9,644
58	63	85 594	1 477,074	14 637,223	9,910	9,440
59	64	84 313	1 356,609	13 160,149	9,701	9,231
60	65	82 925	1 244,070	11 803,539	9,488	9,018
61	66	81 434	1 139,124	10 559,469	9,270	8,800
62	67	79 836	1 041,274	9 420,345	9,047	8,577
63	68	78 103	949,813	8 379,071	8,822	8,352
64	69	76 295	865,105	7 429,259	8,588	8,118
65	70	74 366	786,226	6 564,153	8,349	7,879
66	71	72 331	713,018	5 777,928	8,103	7,634
67	72	70 196	645,195	5 064,909	7,850	7,380
68	73	67 942	582,267	4 419,714	7,591	7,121
69	74	65 639	524,504	3 837,447	7,316	6,846
70	75	63 185	470,762	3 312,943	7,037	6,568
71	76	60 591	420,923	2 842,181	6,752	6,282
72	77	57 823	374,539	2 421,258	6,465	5,995
73	78	54 934	331,773	2 046,718	6,169	5,699
74	79	51 880	292,146	1 714,945	5,870	5,400
75	80	48 621	255,284	1 422,800	5,573	5,104
76	81	45 162	221,095	1 167,516	5,281	4,811
77	82	41 547	189,648	946,421	4,990	4,521
78	83	37 828	160,998	756,773	4,701	4,231
79	84	33 983	134,857	595,775	4,418	3,948
80	85	30 042	111,157	460,917	4,147	3,677
81	86	26 098	90,037	349,760	3,885	3,415
82	87	22 195	71,397	259,723	3,638	3,168
83	88	18 458	55,361	188,326	3,402	2,932
84	89	14 953	41,817	132,965	3,180	2,710
85	90	11 756	30,655	91,149	2,973	2,503
86	91	8 940	21,736	60,493	2,783	2,313
87	92	6 551	14,850	38,757	2,610	2,140
88	93	4 614	9,753	23,907	2,451	1,981
89	94	3 111	6,130	14,154	2,309	1,839
90	95	1 993	3,662	8,023	2,191	1,721
91	96	1 228	2,104	4,362	2,074	1,604
92	97	715	1,143	2,258	1,976	1,506
93	98	401	0,598	1,116	1,867	1,397
94	99	211	0,293	0,518	1,768	1,298
95	100	103	0,133	0,225	1,694	1,224

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 449 483,923	14,549	14,079
1	7	99 270	92 559,833	1 349 853,618	14,584	14,114
2	8	99 238	86 275,112	1 257 293,785	14,573	14,103
3	9	99 217	80 425,469	1 171 018,673	14,560	14,090
4	10	99 198	74 974,276	1 090 593,204	14,546	14,076
5	11	99 180	69 893,835	1 015 618,928	14,531	14,061
6	12	99 164	65 158,082	945 725,093	14,514	14,044
7	13	99 145	60 742,350	880 567,010	14,497	14,027
8	14	99 129	56 626,601	819 824,660	14,478	14,008
9	15	99 110	52 788,854	763 198,059	14,458	13,988
10	16	99 090	49 210,262	710 409,205	14,436	13,966
11	17	99 068	45 873,692	661 198,943	14,413	13,944
12	18	99 045	42 762,591	615 325,251	14,389	13,919
13	19	99 017	39 860,636	572 562,660	14,364	13,894
14	20	98 988	37 155,367	532 702,024	14,337	13,867
15	21	98 958	34 633,101	495 546,657	14,308	13,839
16	22	98 927	32 281,736	460 913,556	14,278	13,808
17	23	98 884	30 086,561	428 631,820	14,247	13,777
18	24	98 834	28 038,427	398 545,258	14,214	13,744
19	25	98 779	26 128,602	370 506,831	14,180	13,710
20	26	98 719	24 347,620	344 378,229	14,144	13,674
21	27	98 656	22 687,096	320 030,609	14,106	13,636
22	28	98 590	21 139,391	297 343,513	14,066	13,596
23	29	98 521	19 696,585	276 204,123	14,023	13,553
24	30	98 450	18 351,930	256 507,538	13,977	13,507
25	31	98 373	17 098,006	238 155,608	13,929	13,459
26	32	98 295	15 929,441	221 057,602	13,877	13,407
27	33	98 214	14 840,436	205 128,161	13,822	13,352
28	34	98 127	13 825,010	190 287,725	13,764	13,294
29	35	98 038	12 878,773	176 462,715	13,702	13,232
30	36	97 943	11 996,474	163 583,942	13,636	13,166
31	37	97 841	11 173,838	151 587,468	13,566	13,096
32	38	97 728	10 406,534	140 413,629	13,493	13,023
33	39	97 603	9 690,586	130 007,095	13,416	12,946
34	40	97 475	9 023,717	120 316,509	13,333	12,863
35	41	97 331	8 401,241	111 292,792	13,247	12,777
36	42	97 170	7 820,401	102 891,550	13,157	12,687
37	43	97 003	7 279,234	95 071,150	13,061	12,591
38	44	96 825	6 774,703	87 791,916	12,959	12,489
39	45	96 625	6 303,673	81 017,213	12,852	12,382
40	46	96 412	5 864,607	74 713,540	12,740	12,270
41	47	96 169	5 454,359	68 848,933	12,623	12,153
42	48	95 903	5 071,633	63 394,574	12,500	12,030
43	49	95 607	4 714,196	58 322,941	12,372	11,902
44	50	95 278	4 380,374	53 608,744	12,238	11,768
45	51	94 919	4 068,896	49 228,371	12,099	11,629
46	52	94 516	3 777,725	45 159,475	11,954	11,484
47	53	94 078	3 506,029	41 381,750	11,803	11,333
48	54	93 588	3 251,986	37 875,721	11,647	11,177
49	55	93 046	3 014,611	34 623,735	11,485	11,015
50	56	92 446	2 792,696	31 609,124	11,318	10,849
51	57	91 788	2 585,363	28 816,428	11,146	10,676
52	58	91 068	2 391,701	26 231,065	10,968	10,498
53	59	90 265	2 210,363	23 839,364	10,785	10,315
54	60	89 381	2 040,764	21 629,001	10,598	10,129
55	61	88 404	1 882,002	19 588,238	10,408	9,938
56	62	87 369	1 734,234	17 706,235	10,210	9,740
57	63	86 245	1 596,198	15 972,001	10,006	9,536
58	64	85 031	1 467,348	14 375,803	9,797	9,327
59	65	83 699	1 346,723	12 908,455	9,585	9,115
60	66	82 260	1 234,102	11 561,732	9,369	8,899
61	67	80 723	1 129,174	10 327,630	9,146	8,676
62	68	79 062	1 031,179	9 198,456	8,920	8,450
63	69	77 305	940,111	8 167,277	8,688	8,218
64	70	75 443	855,440	7 227,166	8,448	7,979
65	71	73 460	776,647	6 371,726	8,204	7,734
66	72	71 362	703,471	5 595,079	7,954	7,484
67	73	69 184	635,898	4 891,609	7,692	7,223
68	74	66 890	573,252	4 255,710	7,424	6,954
69	75	64 516	515,531	3 682,458	7,143	6,673
70	76	61 980	461,786	3 166,928	6,858	6,388
71	77	59 269	411,736	2 705,142	6,570	6,100
72	78	56 409	365,381	2 293,406	6,277	5,807
73	79	53 391	322,450	1 928,025	5,979	5,509
74	80	50 172	282,527	1 605,574	5,683	5,213
75	81	46 753	245,479	1 323,047	5,390	4,920
76	82	43 172	211,353	1 077,568	5,098	4,629
77	83	39 455	180,101	866,215	4,810	4,340
78	84	35 631	151,647	686,115	4,524	4,055
79	85	31 699	125,792	534,467	4,249	3,779
80	86	27 722	102,574	408,675	3,984	3,514
81	87	23 777	82,032	306,102	3,732	3,262
82	88	19 949	64,173	224,070	3,492	3,022
83	89	16 338	49,004	159,897	3,263	2,793
84	90	12 995	36,342	110,893	3,051	2,581
85	91	10 017	26,120	74,551	2,854	2,384
86	92	7 444	18,099	48,431	2,676	2,206
87	93	5 322	12,065	30,332	2,514	2,044
88	94	3 649	7,713	18,267	2,368	1,899
89	95	2 379	4,689	10,554	2,251	1,781
90	96	1 496	2,750	5,866	2,133	1,663
91	97	897	1,537	3,116	2,028	1,558
92	98	517	0,826	1,579	1,912	1,442
93	99	279	0,415	0,753	1,813	1,343
94	100	141	0,196	0,338	1,722	1,252

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 448 798,452	14,543	14,073
1	8	99 266	92 555,270	1 349 174,706	14,577	14,107
2	9	99 232	86 269,771	1 256 619,436	14,566	14,096
3	10	99 210	80 420,265	1 170 349,665	14,553	14,083
4	11	99 192	74 969,833	1 089 929,400	14,538	14,068
5	12	99 173	69 888,629	1 014 959,567	14,523	14,053
6	13	99 156	65 152,927	945 070,937	14,505	14,036
7	14	99 137	60 737,144	879 918,010	14,487	14,017
8	15	99 118	56 620,659	819 180,866	14,468	13,998
9	16	99 098	52 782,250	762 560,207	14,447	13,977
10	17	99 076	49 203,318	709 777,957	14,425	13,956
11	18	99 054	45 866,975	660 574,639	14,402	13,932
12	19	99 025	42 753,883	614 707,664	14,378	13,908
13	20	98 998	39 852,942	571 953,781	14,352	13,882
14	21	98 970	37 148,487	532 100,839	14,324	13,854
15	22	98 942	34 627,367	494 952,352	14,294	13,824
16	23	98 910	32 276,150	460 324,985	14,262	13,792
17	24	98 863	30 080,033	428 048,835	14,230	13,760
18	25	98 817	28 033,673	397 968,802	14,196	13,726
19	26	98 761	26 123,730	369 935,129	14,161	13,691
20	27	98 700	24 342,882	343 811,399	14,124	13,654
21	28	98 634	22 682,140	319 468,516	14,085	13,615
22	29	98 565	21 134,119	296 786,376	14,043	13,573
23	30	98 496	19 691,487	275 652,257	13,999	13,529
24	31	98 421	18 346,481	255 960,770	13,951	13,482
25	32	98 342	17 092,549	237 614,289	13,902	13,432
26	33	98 261	15 923,912	220 521,740	13,848	13,379
27	34	98 179	14 835,152	204 597,828	13,791	13,322
28	35	98 089	13 819,603	189 762,676	13,731	13,262
29	36	97 999	12 873,590	175 943,073	13,667	13,197
30	37	97 897	11 990,850	163 069,483	13,599	13,130
31	38	97 795	11 168,696	151 078,634	13,527	13,057
32	39	97 671	10 400,440	139 909,938	13,452	12,982
33	40	97 544	9 684,814	129 509,498	13,372	12,903
34	41	97 409	9 017,593	119 824,685	13,288	12,818
35	42	97 256	8 394,832	110 807,092	13,199	12,730
36	43	97 089	7 813,911	102 412,260	13,106	12,637
37	44	96 916	7 272,683	94 598,348	13,007	12,537
38	45	96 726	6 767,792	87 325,665	12,903	12,433
39	46	96 517	6 296,664	80 557,873	12,794	12,324
40	47	96 290	5 857,161	74 261,210	12,679	12,209
41	48	96 031	5 446,540	68 404,049	12,559	12,089
42	49	95 750	5 063,520	62 957,509	12,434	11,964
43	50	95 434	4 705,657	57 893,988	12,303	11,833
44	51	95 090	4 371,741	53 188,331	12,166	11,696
45	52	94 710	4 059,909	48 816,590	12,024	11,554
46	53	94 284	3 768,449	44 756,681	11,877	11,407
47	54	93 821	3 496,446	40 988,232	11,723	11,253
48	55	93 306	3 242,199	37 491,786	11,564	11,094
49	56	92 738	3 004,622	34 249,587	11,399	10,929
50	57	92 112	2 782,590	31 244,965	11,229	10,759
51	58	91 421	2 575,041	28 462,375	11,053	10,583
52	59	90 666	2 381,152	25 887,333	10,872	10,402
53	60	89 829	2 199,687	23 506,181	10,686	10,216
54	61	88 899	2 029,762	21 306,494	10,497	10,027
55	62	87 909	1 871,472	19 276,732	10,300	9,830
56	63	86 838	1 723,696	17 405,260	10,098	9,628
57	64	85 677	1 585,688	15 681,564	9,889	9,420
58	65	84 411	1 456,655	14 095,877	9,677	9,207
59	66	83 028	1 335,933	12 639,221	9,461	8,991
60	67	81 542	1 223,322	11 303,288	9,240	8,770
61	68	79 940	1 118,227	10 079,966	9,014	8,544
62	69	78 254	1 020,646	8 961,739	8,780	8,311
63	70	76 442	929,608	7 941,094	8,542	8,073
64	71	74 523	845,018	7 011,486	8,297	7,828
65	72	72 476	766,247	6 166,468	8,048	7,578
66	73	70 334	693,334	5 400,221	7,789	7,319
67	74	68 113	626,053	4 706,887	7,518	7,048
68	75	65 746	563,445	4 080,834	7,243	6,773
69	76	63 286	505,701	3 517,389	6,955	6,486
70	77	60 627	451,707	3 011,689	6,667	6,197
71	78	57 820	401,668	2 559,982	6,373	5,903
72	79	54 824	355,114	2 158,313	6,078	5,608
73	80	51 633	311,834	1 803,200	5,783	5,313
74	81	48 245	271,676	1 491,365	5,490	5,020
75	82	44 693	234,662	1 219,690	5,198	4,728
76	83	40 999	200,713	985,027	4,908	4,438
77	84	37 164	169,640	784,314	4,623	4,154
78	85	33 236	141,453	614,674	4,345	3,876
79	86	29 251	116,078	473,221	4,077	3,607
80	87	25 257	93,454	357,142	3,822	3,352
81	88	21 371	73,731	263,688	3,576	3,106
82	89	17 659	56,804	189,958	3,344	2,874
83	90	14 199	42,588	133,153	3,127	2,657
84	91	11 073	30,966	90,565	2,925	2,455
85	92	8 341	21,749	59,599	2,740	2,270
86	93	6 048	14,704	37,850	2,574	2,104
87	94	4 209	9,541	23,145	2,426	1,956
88	95	2 791	5,899	13,605	2,306	1,836
89	96	1 787	3,521	7,706	2,188	1,719
90	97	1 093	2,009	4,184	2,083	1,613
91	98	648	1,111	2,176	1,959	1,489
92	99	360	0,574	1,065	1,854	1,384
93	100	187	0,278	0,490	1,763	1,293

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 448 059,308	14,536	14,066
1	9	99 259	92 549,540	1 348 440,473	14,570	14,100
2	10	99 226	86 264,189	1 255 890,933	14,559	14,089
3	11	99 205	80 415,500	1 169 626,745	14,545	14,075
4	12	99 184	74 964,249	1 089 211,245	14,530	14,060
5	13	99 165	69 883,100	1 014 246,996	14,513	14,044
6	14	99 147	65 147,343	944 363,895	14,496	14,026
7	15	99 127	60 730,770	879 216,553	14,477	14,007
8	16	99 106	56 613,575	818 485,783	14,457	13,988
9	17	99 084	52 774,803	761 872,207	14,436	13,966
10	18	99 061	49 196,114	709 097,405	14,414	13,944
11	19	99 033	45 857,634	659 901,291	14,390	13,920
12	20	99 006	42 745,630	614 043,656	14,365	13,895
13	21	98 979	39 845,563	571 298,026	14,338	13,868
14	22	98 954	37 142,337	531 452,463	14,309	13,839
15	23	98 924	34 621,375	494 310,126	14,278	13,808
16	24	98 888	32 269,147	459 688,752	14,245	13,776
17	25	98 846	30 074,932	427 419,605	14,212	13,742
18	26	98 799	28 028,446	397 344,673	14,176	13,707
19	27	98 741	26 118,647	369 316,227	14,140	13,670
20	28	98 679	24 337,565	343 197,580	14,102	13,632
21	29	98 610	22 676,483	318 860,014	14,061	13,591
22	30	98 540	21 128,650	296 183,531	14,018	13,548
23	31	98 466	19 685,640	275 054,881	13,972	13,502
24	32	98 390	18 340,625	255 369,241	13,924	13,454
25	33	98 308	17 086,617	237 028,616	13,872	13,402
26	34	98 226	15 918,243	219 941,999	13,817	13,347
27	35	98 141	14 829,349	204 023,757	13,758	13,288
28	36	98 049	13 814,041	189 194,407	13,696	13,226
29	37	97 953	12 867,554	175 380,367	13,630	13,160
30	38	97 852	11 985,331	162 512,812	13,559	13,089
31	39	97 738	11 162,155	150 527,481	13,486	13,016
32	40	97 613	10 394,244	139 365,326	13,408	12,938
33	41	97 478	9 678,240	128 971,082	13,326	12,856
34	42	97 335	9 010,714	119 292,842	13,239	12,769
35	43	97 176	8 387,866	110 282,128	13,148	12,678
36	44	97 002	7 806,879	101 894,262	13,052	12,582
37	45	96 817	7 265,264	94 087,383	12,950	12,480
38	46	96 619	6 760,267	86 822,118	12,843	12,373
39	47	96 395	6 288,669	80 061,852	12,731	12,261
40	48	96 152	5 848,765	73 773,183	12,613	12,144
41	49	95 877	5 437,828	67 924,419	12,491	12,021
42	50	95 577	5 054,348	62 486,591	12,363	11,893
43	51	95 246	4 696,383	57 432,243	12,229	11,759
44	52	94 880	4 362,085	52 735,859	12,090	11,620
45	53	94 477	4 049,941	48 373,774	11,944	11,474
46	54	94 026	3 758,149	44 323,833	11,794	11,324
47	55	93 539	3 485,923	40 565,684	11,637	11,167
48	56	92 997	3 231,456	37 079,760	11,475	11,005
49	57	92 402	2 993,749	33 848,304	11,306	10,836
50	58	91 744	2 771,481	30 854,556	11,133	10,663
51	59	91 018	2 563,684	28 083,075	10,954	10,484
52	60	90 229	2 369,651	25 519,391	10,769	10,299
53	61	89 345	2 187,829	23 149,740	10,581	10,111
54	62	88 402	2 018,405	20 961,911	10,385	9,915
55	63	87 375	1 860,100	18 943,506	10,184	9,714
56	64	86 266	1 712,346	17 083,406	9,977	9,507
57	65	85 053	1 574,132	15 371,060	9,765	9,295
58	66	83 735	1 444,984	13 796,927	9,548	9,078
59	67	82 303	1 324,263	12 351,943	9,327	8,858
60	68	80 751	1 211,463	11 027,680	9,103	8,633
61	69	79 124	1 106,804	9 816,217	8,869	8,399
62	70	77 380	1 009,243	8 709,413	8,630	8,160
63	71	75 510	918,282	7 700,170	8,385	7,916
64	72	73 526	833,703	6 781,888	8,135	7,665
65	73	71 432	755,206	5 948,186	7,876	7,406
66	74	69 245	682,599	5 192,980	7,608	7,138
67	75	66 948	615,342	4 510,380	7,330	6,860
68	76	64 492	552,701	3 895,038	7,047	6,577
69	77	61 905	494,663	3 342,337	6,757	6,287
70	78	59 145	440,662	2 847,674	6,462	5,992
71	79	56 195	390,381	2 407,012	6,166	5,696
72	80	53 019	343,422	2 016,630	5,872	5,402
73	81	49 650	299,857	1 673,208	5,580	5,110
74	82	46 119	259,705	1 373,351	5,288	4,818
75	83	42 443	222,849	1 113,646	4,997	4,527
76	84	38 617	189,055	890,797	4,712	4,242
77	85	34 666	158,237	701,741	4,435	3,965
78	86	30 669	130,530	543,505	4,164	3,694
79	87	26 650	105,758	412,974	3,905	3,435
80	88	22 701	83,997	307,216	3,657	3,188
81	89	18 917	65,265	223,219	3,420	2,950
82	90	15 347	49,367	157,954	3,200	2,730
83	91	12 099	36,288	108,587	2,992	2,522
84	92	9 220	25,784	72,299	2,804	2,334
85	93	6 777	17,670	46,515	2,632	2,162
86	94	4 783	11,628	28,845	2,481	2,011
87	95	3 219	7,297	17,216	2,359	1,889
88	96	2 096	4,430	9,919	2,239	1,769
89	97	1 305	2,572	5,489	2,134	1,664
90	98	790	1,452	2,917	2,009	1,539
91	99	451	0,772	1,465	1,897	1,427
92	100	241	0,385	0,693	1,801	1,331

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 447 260,588	14,529	14,059
1	10	99 253	92 543,551	1 347 647,921	14,562	14,092
2	11	99 220	86 259,077	1 255 104,370	14,550	14,081
3	12	99 197	80 409,510	1 168 845,293	14,536	14,066
4	13	99 177	74 958,319	1 088 435,783	14,521	14,051
5	14	99 157	69 877,110	1 013 477,464	14,504	14,034
6	15	99 137	65 140,506	943 600,354	14,486	14,016
7	16	99 114	60 723,172	878 459,848	14,467	13,997
8	17	99 092	56 605,587	817 736,676	14,446	13,976
9	18	99 069	52 767,076	761 131,088	14,424	13,954
10	19	99 041	49 186,096	708 364,013	14,402	13,932
11	20	99 014	45 848,783	659 177,917	14,377	13,907
12	21	98 987	42 737,715	613 329,134	14,351	13,881
13	22	98 963	39 838,966	570 591,419	14,322	13,853
14	23	98 936	37 135,910	530 752,453	14,292	13,822
15	24	98 903	34 613,862	493 616,544	14,261	13,791
16	25	98 871	32 263,675	459 002,681	14,227	13,757
17	26	98 827	30 069,324	426 739,007	14,192	13,722
18	27	98 779	28 022,992	396 669,682	14,155	13,685
19	28	98 720	26 112,942	368 646,690	14,117	13,647
20	29	98 654	24 331,496	342 533,748	14,078	13,608
21	30	98 584	22 670,615	318 202,252	14,036	13,566
22	31	98 511	21 122,376	295 531,637	13,991	13,522
23	32	98 435	19 679,357	274 409,261	13,944	13,474
24	33	98 355	18 334,260	254 729,904	13,894	13,424
25	34	98 273	17 080,533	236 395,645	13,840	13,370
26	35	98 187	15 912,017	219 315,111	13,783	13,313
27	36	98 101	14 823,381	203 403,095	13,722	13,252
28	37	98 003	13 807,564	188 579,714	13,658	13,188
29	38	97 908	12 861,632	174 772,150	13,589	13,119
30	39	97 795	11 978,312	161 910,517	13,517	13,047
31	40	97 680	11 155,505	149 932,205	13,440	12,970
32	41	97 546	10 387,189	138 776,700	13,360	12,890
33	42	97 404	9 670,857	128 389,510	13,276	12,806
34	43	97 254	9 003,236	118 718,653	13,186	12,716
35	44	97 088	8 380,318	109 715,417	13,092	12,622
36	45	96 903	7 798,916	101 335,099	12,993	12,524
37	46	96 709	7 257,186	93 536,183	12,889	12,419
38	47	96 496	6 751,683	86 278,997	12,779	12,309
39	48	96 257	6 279,653	79 527,315	12,664	12,194
40	49	95 998	5 839,409	73 247,661	12,544	12,074
41	50	95 703	5 427,978	67 408,252	12,419	11,949
42	51	95 388	5 044,388	61 980,274	12,287	11,817
43	52	95 036	4 686,010	56 935,887	12,150	11,680
44	53	94 647	4 351,375	52 249,877	12,008	11,538
45	54	94 219	4 038,872	47 898,502	11,859	11,389
46	55	93 743	3 746,839	43 859,630	11,706	11,236
47	56	93 229	3 474,373	40 112,791	11,545	11,075
48	57	92 660	3 219,762	36 638,418	11,379	10,909
49	58	92 033	2 981,797	33 418,656	11,208	10,738
50	59	91 339	2 759,257	30 436,859	11,031	10,561
51	60	90 578	2 551,301	27 677,602	10,848	10,379
52	61	89 742	2 356,876	25 126,301	10,661	10,191
53	62	88 845	2 175,588	22 769,425	10,466	9,996
54	63	87 865	2 006,140	20 593,837	10,265	9,796
55	64	86 800	1 847,852	18 587,697	10,059	9,589
56	65	85 637	1 699,868	16 739,845	9,848	9,378
57	66	84 371	1 561,520	15 039,977	9,632	9,162
58	67	83 003	1 432,362	13 478,457	9,410	8,940
59	68	81 505	1 311,425	12 046,095	9,186	8,716
60	69	79 926	1 199,088	10 734,670	8,952	8,482
61	70	78 240	1 094,439	9 535,582	8,713	8,243
62	71	76 437	996,947	8 441,143	8,467	7,997
63	72	74 499	905,986	7 444,196	8,217	7,747
64	73	72 466	821,690	6 538,211	7,957	7,487
65	74	70 326	743,513	5 716,521	7,689	7,219
66	75	68 060	670,921	4 973,008	7,412	6,942
67	76	65 671	603,609	4 302,087	7,127	6,657
68	77	63 085	540,638	3 698,477	6,841	6,371
69	78	60 391	482,568	3 157,840	6,544	6,074
70	79	57 483	428,279	2 675,272	6,247	5,777
71	80	54 345	377,529	2 246,993	5,952	5,482
72	81	50 983	330,232	1 869,464	5,661	5,191
73	82	47 462	286,645	1 539,232	5,370	4,900
74	83	43 797	246,631	1 252,587	5,079	4,609
75	84	39 978	209,906	1 005,956	4,792	4,323
76	85	36 022	176,347	796,050	4,514	4,044
77	86	31 989	146,017	619,703	4,244	3,774
78	87	27 942	118,925	473,686	3,983	3,513
79	88	23 953	95,056	354,761	3,732	3,262
80	89	20 095	74,352	259,705	3,493	3,023
81	90	16 441	56,720	185,352	3,268	2,798
82	91	13 076	42,064	128,632	3,058	2,588
83	92	10 074	30,216	86,568	2,865	2,395
84	93	7 491	20,948	56,352	2,690	2,220
85	94	5 359	13,974	35,404	2,534	2,064
86	95	3 658	8,894	21,430	2,410	1,940
87	96	2 417	5,480	12,537	2,288	1,818
88	97	1 531	3,236	7,057	2,181	1,711
89	98	944	1,860	3,821	2,055	1,585
90	99	549	1,010	1,961	1,942	1,472
91	100	302	0,517	0,951	1,840	1,370

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 446 399,114	14,521	14,051
1	11	99 247	92 538,068	1 346 792,892	14,554	14,084
2	12	99 213	86 252,652	1 254 254,825	14,542	14,072
3	13	99 189	80 403,148	1 168 002,172	14,527	14,057
4	14	99 168	74 951,893	1 087 599,024	14,511	14,041
5	15	99 146	69 869,777	1 012 647,131	14,493	14,023
6	16	99 124	65 132,357	942 777,353	14,475	14,005
7	17	99 100	60 714,604	877 644,996	14,455	13,985
8	18	99 077	56 597,299	816 930,392	14,434	13,964
9	19	99 049	52 756,330	760 333,093	14,412	13,942
10	20	99 022	49 176,602	707 576,763	14,388	13,919
11	21	98 996	45 840,293	658 400,162	14,363	13,893
12	22	98 971	42 730,640	612 559,869	14,335	13,865
13	23	98 946	39 832,072	569 829,229	14,306	13,836
14	24	98 915	37 127,852	529 997,157	14,275	13,805
15	25	98 886	34 607,993	492 869,305	14,241	13,772
16	26	98 853	32 257,659	458 261,312	14,206	13,736
17	27	98 808	30 063,474	426 003,654	14,170	13,700
18	28	98 758	28 016,871	395 940,180	14,132	13,662
19	29	98 695	26 106,430	367 923,309	14,093	13,623
20	30	98 628	24 325,199	341 816,879	14,052	13,582
21	31	98 555	22 663,883	317 491,680	14,009	13,539
22	32	98 479	21 115,634	294 827,796	13,963	13,493
23	33	98 401	19 672,527	273 712,163	13,913	13,444
24	34	98 320	18 327,732	254 039,635	13,861	13,391
25	35	98 235	17 073,853	235 711,904	13,805	13,336
26	36	98 148	15 905,612	218 638,051	13,746	13,276
27	37	98 055	14 816,431	202 732,438	13,683	13,213
28	38	97 958	13 801,209	187 916,007	13,616	13,146
29	39	97 851	12 854,100	174 114,798	13,545	13,076
30	40	97 736	11 971,176	161 260,698	13,471	13,001
31	41	97 614	11 147,934	149 289,522	13,392	12,922
32	42	97 472	10 379,265	138 141,587	13,309	12,839
33	43	97 323	9 662,832	127 762,322	13,222	12,752
34	44	97 166	8 995,134	118 099,490	13,129	12,659
35	45	96 989	8 371,769	109 104,355	13,032	12,563
36	46	96 795	7 790,244	100 732,586	12,931	12,461
37	47	96 587	7 247,971	92 942,342	12,823	12,353
38	48	96 358	6 742,004	85 694,371	12,711	12,241
39	49	96 103	6 269,609	78 952,367	12,593	12,123
40	50	95 824	5 828,831	72 682,758	12,470	12,000
41	51	95 515	5 417,281	66 853,927	12,341	11,871
42	52	95 178	5 033,246	61 436,646	12,206	11,736
43	53	94 802	4 674,505	56 403,401	12,066	11,596
44	54	94 389	4 339,482	51 728,896	11,921	11,451
45	55	93 935	4 026,716	47 389,414	11,769	11,299
46	56	93 433	3 734,424	43 362,698	11,612	11,142
47	57	92 891	3 461,800	39 628,274	11,447	10,977
48	58	92 290	3 206,908	36 166,474	11,278	10,808
49	59	91 628	2 968,645	32 959,566	11,103	10,633
50	60	90 898	2 745,930	29 990,921	10,922	10,452
51	61	90 090	2 537,547	27 244,991	10,737	10,267
52	62	89 240	2 343,689	24 707,444	10,542	10,072
53	63	88 305	2 162,367	22 363,754	10,342	9,872
54	64	87 286	1 992,931	20 201,387	10,137	9,667
55	65	86 167	1 834,386	18 208,456	9,926	9,456
56	66	84 951	1 686,248	16 374,070	9,710	9,240
57	67	83 634	1 547,880	14 687,822	9,489	9,019
58	68	82 199	1 418,476	13 139,942	9,263	8,794
59	69	80 672	1 298,029	11 721,466	9,030	8,560
60	70	79 033	1 185,691	10 423,437	8,791	8,321
61	71	77 286	1 081,105	9 237,746	8,545	8,075
62	72	75 414	983,597	8 156,641	8,293	7,823
63	73	73 426	892,931	7 173,044	8,033	7,563
64	74	71 344	808,968	6 280,113	7,763	7,293
65	75	69 122	730,793	5 471,145	7,487	7,017
66	76	66 762	658,128	4 740,352	7,203	6,733
67	77	64 238	590,435	4 082,224	6,914	6,444
68	78	61 542	527,418	3 491,789	6,621	6,151
69	79	58 694	469,007	2 964,371	6,321	5,851
70	80	55 590	414,179	2 495,363	6,025	5,555
71	81	52 258	363,029	2 081,184	5,733	5,263
72	82	48 737	315,681	1 718,156	5,443	4,973
73	83	45 073	272,215	1 402,475	5,152	4,682
74	84	41 254	232,306	1 130,260	4,865	4,395
75	85	37 291	195,795	897,954	4,586	4,116
76	86	33 240	162,729	702,158	4,315	3,845
77	87	29 145	133,035	539,429	4,055	3,585
78	88	25 115	106,891	406,394	3,802	3,332
79	89	21 203	84,142	299,503	3,560	3,090
80	90	17 464	64,618	215,361	3,333	2,863
81	91	14 009	48,329	150,743	3,119	2,649
82	92	10 888	35,025	102,413	2,924	2,454
83	93	8 185	24,549	67,388	2,745	2,275
84	94	5 924	16,566	42,839	2,586	2,116
85	95	4 099	10,687	26,274	2,458	1,988
86	96	2 747	6,679	15,586	2,334	1,864
87	97	1 766	4,003	8,908	2,225	1,755
88	98	1 107	2,340	4,904	2,096	1,626
89	99	656	1,293	2,565	1,984	1,514
90	100	368	0,676	1,272	1,882	1,412

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 445 470,461	14,513	14,043
1	12	99 240	92 531,175	1 345 870,141	14,545	14,075
2	13	99 205	86 245,828	1 253 338,966	14,532	14,062
3	14	99 181	80 396,256	1 167 093,138	14,517	14,047
4	15	99 158	74 944,028	1 086 696,881	14,500	14,030
5	16	99 134	69 861,036	1 011 752,853	14,482	14,012
6	17	99 110	65 123,167	941 891,817	14,463	13,993
7	18	99 086	60 705,715	876 768,650	14,443	13,973
8	19	99 057	56 585,774	816 062,936	14,422	13,952
9	20	99 030	52 746,147	759 477,162	14,399	13,929
10	21	99 004	49 167,496	706 731,015	14,374	13,904
11	22	98 980	45 832,704	657 563,520	14,347	13,877
12	23	98 954	42 723,245	611 730,816	14,318	13,849
13	24	98 924	39 823,429	569 007,571	14,288	13,818
14	25	98 898	37 121,556	529 184,142	14,255	13,786
15	26	98 868	34 601,540	492 062,586	14,221	13,751
16	27	98 834	32 251,383	457 461,046	14,184	13,714
17	28	98 787	30 056,907	425 209,664	14,147	13,677
18	29	98 733	28 009,884	395 152,757	14,108	13,638
19	30	98 670	26 099,674	367 142,873	14,067	13,597
20	31	98 599	24 317,976	341 043,199	14,024	13,554
21	32	98 523	22 656,649	316 725,223	13,979	13,509
22	33	98 445	21 108,306	294 068,573	13,931	13,462
23	34	98 366	19 665,523	272 960,268	13,880	13,410
24	35	98 282	18 320,563	253 294,745	13,826	13,356
25	36	98 195	17 066,981	234 974,182	13,768	13,298
26	37	98 102	15 898,155	217 907,201	13,706	13,237
27	38	98 010	14 809,612	202 009,045	13,640	13,171
28	39	97 901	13 793,127	187 199,433	13,572	13,102
29	40	97 792	12 846,443	173 406,307	13,498	13,028
30	41	97 670	11 963,052	160 559,864	13,421	12,951
31	42	97 539	11 139,430	148 596,813	13,340	12,870
32	43	97 391	10 370,653	137 457,383	13,254	12,785
33	44	97 235	9 654,136	127 086,730	13,164	12,694
34	45	97 067	8 985,959	117 432,593	13,068	12,599
35	46	96 881	8 362,460	108 446,635	12,968	12,498
36	47	96 672	7 780,352	100 084,174	12,864	12,394
37	48	96 448	7 237,581	92 303,822	12,753	12,284
38	49	96 204	6 731,220	85 066,241	12,638	12,168
39	50	95 929	6 258,252	78 335,022	12,517	12,047
40	51	95 635	5 817,345	72 076,770	12,390	11,920
41	52	95 304	5 405,315	66 259,425	12,258	11,788
42	53	94 944	5 020,888	60 854,110	12,120	11,650
43	54	94 543	4 661,729	55 833,222	11,977	11,507
44	55	94 104	4 326,422	51 171,494	11,828	11,358
45	56	93 624	4 013,374	46 845,072	11,672	11,202
46	57	93 095	3 720,910	42 831,698	11,511	11,041
47	58	92 520	3 447,979	39 110,788	11,343	10,873
48	59	91 883	3 192,763	35 662,809	11,170	10,700
49	60	91 185	2 954,307	32 470,046	10,991	10,521
50	61	90 408	2 731,127	29 515,739	10,807	10,337
51	62	89 586	2 523,349	26 784,612	10,615	10,145
52	63	88 698	2 329,447	24 261,263	10,415	9,945
53	64	87 724	2 148,129	21 931,815	10,210	9,740
54	65	86 650	1 978,407	19 783,686	10,000	9,530
55	66	85 477	1 819,689	17 805,279	9,785	9,315
56	67	84 209	1 671,518	15 985,589	9,564	9,094
57	68	82 823	1 532,874	14 314,071	9,338	8,868
58	69	81 359	1 403,986	12 781,198	9,104	8,634
59	70	79 771	1 283,527	11 377,211	8,864	8,394
60	71	78 070	1 171,245	10 093,684	8,618	8,148
61	72	76 252	1 066,628	8 922,438	8,365	7,895
62	73	74 327	969,424	7 855,810	8,104	7,634
63	74	72 289	879,106	6 886,386	7,833	7,363
64	75	70 124	795,127	6 007,280	7,555	7,085
65	76	67 804	716,859	5 212,152	7,271	6,801
66	77	65 305	643,764	4 495,294	6,983	6,513
67	78	62 667	575,997	3 851,530	6,687	6,217
68	79	59 813	512,598	3 275,532	6,390	5,920
69	80	56 762	453,566	2 762,934	6,092	5,622
70	81	53 455	398,271	2 309,368	5,798	5,329
71	82	49 955	347,033	1 911,097	5,507	5,037
72	83	46 283	299,789	1 564,065	5,217	4,747
73	84	42 455	256,404	1 264,275	4,931	4,461
74	85	38 480	216,691	1 007,871	4,651	4,181
75	86	34 411	180,676	791,181	4,379	3,909
76	87	30 285	148,261	610,505	4,118	3,648
77	88	26 196	119,574	462,244	3,866	3,396
78	89	22 231	94,617	342,670	3,622	3,152
79	90	18 427	73,126	248,053	3,392	2,922
80	91	14 880	55,059	174,927	3,177	2,707
81	92	11 664	40,242	119,868	2,979	2,509
82	93	8 846	28,456	79,626	2,798	2,328
83	94	6 472	19,413	51,170	2,636	2,166
84	95	4 531	12,670	31,757	2,506	2,037
85	96	3 078	8,026	19,087	2,378	1,908
86	97	2 007	4,879	11,061	2,267	1,797
87	98	1 277	2,894	6,182	2,136	1,666
88	99	770	1,627	3,288	2,021	1,552
89	100	439	0,866	1,661	1,919	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 444 469,025	14,504	14,034
1	13	99 232	92 523,855	1 344 876,124	14,535	14,066
2	14	99 196	86 238,435	1 252 352,270	14,522	14,052
3	15	99 170	80 387,820	1 166 113,834	14,506	14,036
4	16	99 145	74 934,652	1 085 726,014	14,489	14,019
5	17	99 120	69 851,179	1 010 791,362	14,471	14,001
6	18	99 096	65 113,631	940 940,183	14,451	13,981
7	19	99 065	60 693,352	875 826,552	14,430	13,960
8	20	99 038	56 574,851	815 133,199	14,408	13,938
9	21	99 012	52 736,380	758 558,348	14,384	13,914
10	22	98 987	49 159,356	705 821,968	14,358	13,888
11	23	98 962	45 824,773	656 662,613	14,330	13,860
12	24	98 932	42 713,975	610 837,840	14,301	13,831
13	25	98 908	39 816,676	568 123,865	14,268	13,799
14	26	98 880	37 114,634	528 307,189	14,234	13,765
15	27	98 849	34 594,807	491 192,555	14,198	13,729
16	28	98 812	32 244,338	456 597,748	14,161	13,691
17	29	98 762	30 049,411	424 353,410	14,122	13,652
18	30	98 708	28 002,635	394 303,999	14,081	13,611
19	31	98 640	26 091,924	366 301,363	14,039	13,569
20	32	98 568	24 310,214	340 209,439	13,995	13,525
21	33	98 489	22 648,786	315 899,225	13,948	13,478
22	34	98 410	21 100,790	293 250,439	13,898	13,428
23	35	98 327	19 657,831	272 149,649	13,844	13,374
24	36	98 242	18 313,190	252 491,817	13,787	13,318
25	37	98 149	17 058,979	234 178,628	13,728	13,258
26	38	98 057	15 890,838	217 119,649	13,663	13,193
27	39	97 953	14 800,939	201 228,810	13,596	13,126
28	40	97 843	13 784,910	186 427,871	13,524	13,054
29	41	97 726	12 837,724	172 642,961	13,448	12,978
30	42	97 595	11 953,925	159 805,238	13,368	12,899
31	43	97 458	11 130,186	147 851,312	13,284	12,814
32	44	97 304	10 361,320	136 721,126	13,195	12,725
33	45	97 136	9 644,289	126 359,806	13,102	12,632
34	46	96 959	8 975,967	116 715,517	13,003	12,533
35	47	96 758	8 351,842	107 739,551	12,900	12,430
36	48	96 534	7 769,199	99 387,708	12,793	12,323
37	49	96 294	7 226,004	91 618,509	12,679	12,209
38	50	96 029	6 719,026	84 392,506	12,560	12,090
39	51	95 739	6 245,919	77 673,479	12,436	11,966
40	52	95 424	5 804,495	71 427,561	12,306	11,836
41	53	95 070	5 392,044	65 623,065	12,170	11,700
42	54	94 684	5 007,165	60 231,022	12,029	11,559
43	55	94 259	4 647,698	55 223,857	11,882	11,412
44	56	93 793	4 312,086	50 576,158	11,729	11,259
45	57	93 285	3 998,850	46 264,072	11,569	11,099
46	58	92 723	3 706,055	42 265,222	11,404	10,934
47	59	92 112	3 432,772	38 559,167	11,233	10,763
48	60	91 440	3 177,342	35 126,395	11,055	10,585
49	61	90 693	2 938,380	31 949,053	10,873	10,403
50	62	89 902	2 715,846	29 010,673	10,682	10,212
51	63	89 042	2 508,016	26 294,827	10,484	10,014
52	64	88 114	2 314,109	23 786,811	10,279	9,809
53	65	87 085	2 132,475	21 472,702	10,069	9,599
54	66	85 956	1 962,556	19 340,226	9,855	9,385
55	67	84 730	1 803,793	17 377,670	9,634	9,164
56	68	83 393	1 655,314	15 573,877	9,408	8,939
57	69	81 977	1 517,216	13 918,563	9,174	8,704
58	70	80 450	1 388,301	12 401,347	8,933	8,463
59	71	78 799	1 267,889	11 013,047	8,686	8,216
60	72	77 025	1 155,562	9 745,157	8,433	7,963
61	73	75 153	1 051,259	8 589,595	8,171	7,701
62	74	73 176	954,415	7 538,336	7,898	7,428
63	75	71 052	864,066	6 583,921	7,620	7,150
64	76	68 786	779,966	5 719,855	7,333	6,864
65	77	66 325	701,212	4 939,889	7,045	6,575
66	78	63 708	628,023	4 238,676	6,749	6,279
67	79	60 906	559,812	3 610,654	6,450	5,980
68	80	57 843	495,721	3 050,842	6,154	5,684
69	81	54 581	436,146	2 555,121	5,858	5,389
70	82	51 100	380,722	2 118,975	5,566	5,096
71	83	47 440	329,562	1 738,253	5,274	4,805
72	84	43 595	282,377	1 408,690	4,989	4,519
73	85	39 601	239,168	1 126,313	4,709	4,239
74	86	35 509	199,957	887,145	4,437	3,967
75	87	31 352	164,612	687,188	4,175	3,705
76	88	27 220	133,259	522,575	3,922	3,452
77	89	23 188	105,843	389,317	3,678	3,208
78	90	19 321	82,230	283,473	3,447	2,977
79	91	15 701	62,308	201,243	3,230	2,760
80	92	12 390	45,846	138,935	3,031	2,561
81	93	9 477	32,694	93,089	2,847	2,377
82	94	6 996	22,503	60,395	2,684	2,214
83	95	4 950	14,848	37,892	2,552	2,082
84	96	3 402	9,515	23,044	2,422	1,952
85	97	2 248	5,863	13,530	2,308	1,838
86	98	1 451	3,527	7,667	2,174	1,704
87	99	888	2,012	4,139	2,057	1,587
88	100	515	1,089	2,127	1,953	1,484

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 443 391,035	14,494	14,024
1	14	99 223	92 515,924	1 343 806,013	14,525	14,055
2	15	99 186	86 229,386	1 251 290,089	14,511	14,041
3	16	99 158	80 377,763	1 165 060,704	14,495	14,025
4	17	99 131	74 924,079	1 084 682,940	14,477	14,007
5	18	99 105	69 840,951	1 009 758,861	14,458	13,988
6	19	99 076	65 100,372	939 917,910	14,438	13,968
7	20	99 046	60 681,637	874 817,538	14,417	13,947
8	21	99 020	56 564,375	814 135,901	14,393	13,923
9	22	98 995	52 727,649	757 571,526	14,368	13,898
10	23	98 970	49 150,849	704 843,877	14,340	13,871
11	24	98 941	45 814,829	655 693,029	14,312	13,842
12	25	98 915	42 706,732	609 878,199	14,281	13,811
13	26	98 889	39 809,252	567 171,467	14,247	13,777
14	27	98 861	37 107,413	527 362,215	14,212	13,742
15	28	98 827	34 587,251	490 254,803	14,174	13,705
16	29	98 787	32 236,296	455 667,552	14,135	13,665
17	30	98 736	30 041,635	423 431,256	14,095	13,625
18	31	98 678	27 994,320	393 389,621	14,052	13,583
19	32	98 609	26 083,596	365 395,300	14,009	13,539
20	33	98 534	24 301,777	339 311,705	13,962	13,493
21	34	98 454	22 640,722	315 009,927	13,913	13,444
22	35	98 372	21 092,537	292 369,205	13,861	13,391
23	36	98 288	19 649,919	271 276,668	13,805	13,336
24	37	98 196	18 304,604	251 626,748	13,747	13,277
25	38	98 104	17 051,128	233 322,145	13,684	13,214
26	39	97 999	15 881,532	216 271,017	13,618	13,148
27	40	97 894	14 792,122	200 389,485	13,547	13,077
28	41	97 776	13 775,554	185 597,363	13,473	13,003
29	42	97 651	12 827,930	171 821,809	13,394	12,924
30	43	97 514	11 944,006	158 993,878	13,312	12,842
31	44	97 371	11 120,170	147 049,873	13,224	12,754
32	45	97 204	10 350,751	135 929,703	13,132	12,662
33	46	97 028	9 633,565	125 578,952	13,036	12,566
34	47	96 836	8 964,570	115 945,387	12,934	12,464
35	48	96 619	8 339,870	106 980,817	12,828	12,358
36	49	96 379	7 756,771	98 640,948	12,717	12,247
37	50	96 119	7 212,914	90 884,176	12,600	12,130
38	51	95 840	6 705,786	83 671,262	12,477	12,008
39	52	95 528	6 232,123	76 965,477	12,350	11,880
40	53	95 189	5 790,244	70 733,354	12,216	11,746
41	54	94 810	5 377,306	64 943,110	12,077	11,607
42	55	94 399	4 992,095	59 565,804	11,932	11,462
43	56	93 946	4 632,299	54 573,709	11,781	11,311
44	57	93 453	4 296,482	49 941,410	11,624	11,154
45	58	92 913	3 982,886	45 644,928	11,460	10,990
46	59	92 314	3 689,709	41 662,043	11,291	10,822
47	60	91 667	3 416,191	37 972,334	11,115	10,646
48	61	90 947	3 160,213	34 556,142	10,935	10,465
49	62	90 186	2 921,940	31 395,929	10,745	10,275
50	63	89 356	2 699,343	28 473,989	10,548	10,079
51	64	88 455	2 491,502	25 774,647	10,345	9,875
52	65	87 472	2 297,246	23 283,145	10,135	9,665
53	66	86 387	2 115,389	20 985,899	9,921	9,451
54	67	85 205	1 945,412	18 870,510	9,700	9,230
55	68	83 909	1 786,307	16 925,097	9,475	9,005
56	69	82 541	1 638,405	15 138,791	9,240	8,770
57	70	81 061	1 500,265	13 500,386	8,999	8,529
58	71	79 470	1 371,386	12 000,120	8,750	8,280
59	72	77 744	1 250,912	10 628,734	8,497	8,027
60	73	75 915	1 138,911	9 377,822	8,234	7,764
61	74	73 989	1 034,983	8 238,911	7,960	7,491
62	75	71 924	938,086	7 203,928	7,679	7,209
63	76	69 697	847,590	6 265,842	7,393	6,923
64	77	67 285	762,943	5 418,252	7,102	6,632
65	78	64 703	684,066	4 655,309	6,805	6,335
66	79	61 918	610,375	3 971,242	6,506	6,036
67	80	58 901	541,381	3 360,867	6,208	5,738
68	81	55 622	476,682	2 819,486	5,915	5,445
69	82	52 176	416,928	2 342,805	5,619	5,149
70	83	48 527	361,556	1 925,877	5,327	4,857
71	84	44 685	310,421	1 564,321	5,039	4,569
72	85	40 664	263,395	1 253,900	4,761	4,291
73	86	36 543	220,699	990,504	4,488	4,018
74	87	32 352	182,180	769,805	4,226	3,756
75	88	28 179	147,955	587,625	3,972	3,502
76	89	24 095	117,957	439,670	3,727	3,257
77	90	20 152	91,987	321,713	3,497	3,027
78	91	16 462	70,065	229,726	3,279	2,809
79	92	13 074	51,882	159,661	3,077	2,608
80	93	10 066	37,247	107,779	2,894	2,424
81	94	7 494	25,855	70,533	2,728	2,258
82	95	5 350	17,211	44,678	2,596	2,126
83	96	3 718	11,150	27,467	2,463	1,993
84	97	2 485	6,951	16,317	2,348	1,878
85	98	1 626	4,239	9,366	2,210	1,740
86	99	1 009	2,452	5,127	2,091	1,621
87	100	594	1,347	2,675	1,986	1,516

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 442 231,332	14,484	14,014
1	15	99 213	92 506,215	1 342 654,847	14,514	14,044
2	16	99 173	86 218,598	1 250 148,632	14,500	14,030
3	17	99 144	80 366,422	1 163 930,033	14,483	14,013
4	18	99 117	74 913,109	1 083 563,611	14,464	13,994
5	19	99 085	69 826,729	1 008 650,503	14,445	13,975
6	20	99 057	65 087,806	938 823,774	14,424	13,954
7	21	99 028	60 670,401	873 735,968	14,401	13,931
8	22	99 003	56 555,011	813 065,567	14,377	13,907
9	23	98 978	52 718,525	756 510,557	14,350	13,880
10	24	98 949	49 140,184	703 792,032	14,322	13,852
11	25	98 924	45 807,061	654 651,849	14,292	13,822
12	26	98 897	42 698,769	608 844,788	14,259	13,789
13	27	98 870	39 801,506	566 146,019	14,224	13,754
14	28	98 839	37 099,307	526 344,513	14,187	13,718
15	29	98 802	34 578,625	489 245,206	14,149	13,679
16	30	98 762	32 227,954	454 666,581	14,108	13,638
17	31	98 707	30 032,714	422 438,627	14,066	13,596
18	32	98 647	27 985,385	392 405,912	14,022	13,552
19	33	98 575	26 074,544	364 420,527	13,976	13,506
20	34	98 498	24 293,125	338 345,984	13,928	13,458
21	35	98 416	22 631,867	314 052,859	13,877	13,407
22	36	98 332	21 084,048	291 420,992	13,822	13,352
23	37	98 242	19 640,707	270 336,944	13,764	13,294
24	38	98 151	18 296,179	250 696,238	13,702	13,232
25	39	98 046	17 041,142	232 400,058	13,638	13,168
26	40	97 941	15 872,071	215 358,916	13,568	13,099
27	41	97 828	14 782,082	199 486,845	13,495	13,025
28	42	97 702	13 765,045	184 704,763	13,418	12,948
29	43	97 570	12 817,286	170 939,717	13,337	12,867
30	44	97 427	11 933,257	158 122,432	13,251	12,781
31	45	97 271	11 108,827	146 189,175	13,160	12,690
32	46	97 096	10 339,241	135 080,348	13,065	12,595
33	47	96 905	9 621,333	124 741,106	12,965	12,495
34	48	96 697	8 951,719	115 119,774	12,860	12,390
35	49	96 465	8 326,529	106 168,055	12,751	12,281
36	50	96 205	7 742,720	97 841,526	12,637	12,167
37	51	95 930	7 198,700	90 098,805	12,516	12,046
38	52	95 628	6 690,974	82 900,105	12,390	11,920
39	53	95 293	6 216,821	76 209,131	12,259	11,789
40	54	94 929	5 774,418	69 992,310	12,121	11,651
41	55	94 525	5 361,123	64 217,892	11,978	11,509
42	56	94 087	4 975,554	58 856,770	11,829	11,359
43	57	93 606	4 615,535	53 881,215	11,674	11,204
44	58	93 080	4 279,329	49 265,680	11,512	11,043
45	59	92 503	3 965,319	44 986,352	11,345	10,875
46	60	91 868	3 671,888	41 021,033	11,172	10,702
47	61	91 173	3 397,775	37 349,145	10,992	10,522
48	62	90 438	3 142,532	33 951,370	10,804	10,334
49	63	89 638	2 904,184	30 808,839	10,608	10,139
50	64	88 768	2 681,569	27 904,655	10,406	9,936
51	65	87 811	2 473,346	25 223,086	10,198	9,728
52	66	86 771	2 278,840	22 749,740	9,983	9,513
53	67	85 632	2 096,911	20 470,900	9,762	9,293
54	68	84 379	1 926,553	18 373,990	9,537	9,067
55	69	83 052	1 768,060	16 447,437	9,303	8,833
56	70	81 619	1 620,100	14 679,377	9,061	8,591
57	71	80 074	1 481,987	13 059,277	8,812	8,342
58	72	78 406	1 353,023	11 577,290	8,557	8,087
59	73	76 624	1 232,887	10 224,267	8,293	7,823
60	74	74 740	1 121,278	8 991,380	8,019	7,549
61	75	72 723	1 017,276	7 870,102	7,736	7,267
62	76	70 553	920,200	6 852,826	7,447	6,977
63	77	68 176	829,091	5 932,627	7,156	6,686
64	78	65 640	744,287	5 103,536	6,857	6,387
65	79	62 885	664,844	4 359,249	6,557	6,087
66	80	59 880	590,280	3 694,405	6,259	5,789
67	81	56 639	520,588	3 104,125	5,963	5,493
68	82	53 171	455,678	2 583,538	5,670	5,200
69	83	49 550	395,939	2 127,860	5,374	4,904
70	84	45 709	340,556	1 731,921	5,086	4,616
71	85	41 681	289,554	1 391,364	4,805	4,335
72	86	37 524	243,056	1 101,810	4,533	4,063
73	87	33 294	201,077	858,755	4,271	3,801
74	88	29 078	163,745	657,677	4,016	3,547
75	89	24 943	130,966	493,932	3,771	3,302
76	90	20 940	102,515	362,966	3,541	3,071
77	91	17 171	78,378	260,452	3,323	2,853
78	92	13 708	58,341	182,073	3,121	2,651
79	93	10 622	42,151	123,732	2,935	2,466
80	94	7 961	29,455	81,581	2,770	2,300
81	95	5 732	19,774	52,127	2,636	2,166
82	96	4 018	12,925	32,352	2,503	2,033
83	97	2 716	8,145	19,427	2,385	1,915
84	98	1 797	5,025	11,282	2,245	1,775
85	99	1 130	2,947	6,257	2,123	1,653
86	100	675	1,642	3,310	2,016	1,546

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 440 984,611	14,473	14,003
1	16	99 201	92 494,643	1 341 418,575	14,503	14,033
2	17	99 159	86 206,433	1 248 923,932	14,488	14,018
3	18	99 130	80 354,655	1 162 717,499	14,470	14,000
4	19	99 097	74 897,853	1 082 362,845	14,451	13,981
5	20	99 066	69 813,251	1 007 464,991	14,431	13,961
6	21	99 038	65 075,753	937 651,741	14,409	13,939
7	22	99 012	60 660,356	872 575,987	14,385	13,915
8	23	98 986	56 545,224	811 915,631	14,359	13,889
9	24	98 957	52 707,085	755 370,407	14,331	13,862
10	25	98 932	49 131,851	702 663,322	14,302	13,832
11	26	98 906	45 798,519	653 531,471	14,270	13,800
12	27	98 878	42 690,461	607 732,951	14,236	13,766
13	28	98 848	39 792,813	565 042,491	14,200	13,730
14	29	98 814	37 090,055	525 249,678	14,161	13,692
15	30	98 777	34 569,677	488 159,623	14,121	13,651
16	31	98 733	32 218,385	453 589,947	14,079	13,609
17	32	98 676	30 023,128	421 371,562	14,035	13,565
18	33	98 612	27 975,672	391 348,434	13,989	13,519
19	34	98 540	26 065,260	363 372,761	13,941	13,471
20	35	98 460	24 283,623	337 307,501	13,890	13,420
21	36	98 376	22 622,758	313 023,878	13,837	13,367
22	37	98 286	21 074,163	290 401,120	13,780	13,310
23	38	98 196	19 631,667	269 326,957	13,719	13,249
24	39	98 094	18 285,464	249 695,290	13,655	13,186
25	40	97 988	17 030,991	231 409,826	13,588	13,118
26	41	97 874	15 861,299	214 378,835	13,516	13,046
27	42	97 753	14 770,806	198 517,536	13,440	12,970
28	43	97 621	13 753,623	183 746,731	13,360	12,890
29	44	97 483	12 805,751	169 993,108	13,275	12,805
30	45	97 327	11 921,085	157 187,357	13,186	12,716
31	46	97 163	11 096,474	145 266,272	13,091	12,621
32	47	96 973	10 326,113	134 169,798	12,993	12,523
33	48	96 766	9 607,540	123 843,685	12,890	12,420
34	49	96 543	8 937,400	114 236,144	12,782	12,312
35	50	96 290	8 311,446	105 298,745	12,669	12,199
36	51	96 015	7 727,462	96 987,299	12,551	12,081
37	52	95 718	7 182,800	89 259,836	12,427	11,957
38	53	95 394	6 674,546	82 077,037	12,297	11,827
39	54	95 033	6 199,830	75 402,491	12,162	11,692
40	55	94 644	5 757,039	69 202,662	12,021	11,551
41	56	94 211	5 343,359	63 445,622	11,874	11,404
42	57	93 746	4 957,548	58 102,263	11,720	11,250
43	58	93 233	4 597,109	53 144,715	11,560	11,091
44	59	92 670	4 260,455	48 547,606	11,395	10,925
45	60	92 056	3 946,166	44 287,152	11,223	10,753
46	61	91 373	3 652,092	40 340,985	11,046	10,576
47	62	90 663	3 378,764	36 688,893	10,859	10,389
48	63	89 888	3 123,436	33 310,129	10,665	10,195
49	64	89 048	2 885,062	30 186,694	10,463	9,993
50	65	88 121	2 662,027	27 301,632	10,256	9,786
51	66	87 107	2 453,529	24 639,605	10,043	9,573
52	67	86 013	2 258,933	22 186,076	9,821	9,352
53	68	84 802	2 076,582	19 927,143	9,596	9,126
54	69	83 517	1 906,873	17 850,560	9,361	8,891
55	70	82 124	1 748,307	15 943,687	9,120	8,650
56	71	80 625	1 600,362	14 195,380	8,870	8,400
57	72	79 002	1 462,142	12 595,018	8,614	8,144
58	73	77 276	1 333,527	11 132,876	8,348	7,879
59	74	75 438	1 213,799	9 799,349	8,073	7,603
60	75	73 461	1 102,094	8 585,550	7,790	7,320
61	76	71 337	997,879	7 483,456	7,499	7,029
62	77	69 013	900,115	6 485,577	7,205	6,735
63	78	66 509	808,818	5 585,462	6,906	6,436
64	79	63 795	723,373	4 776,644	6,603	6,133
65	80	60 814	642,955	4 053,271	6,304	5,834
66	81	57 580	567,608	3 410,316	6,008	5,538
67	82	54 143	497,649	2 842,708	5,712	5,242
68	83	50 494	432,738	2 345,059	5,419	4,949
69	84	46 672	372,942	1 912,321	5,128	4,658
70	85	42 636	317,664	1 539,378	4,846	4,376
71	86	38 462	267,194	1 221,715	4,572	4,102
72	87	34 188	221,446	954,520	4,310	3,840
73	88	29 925	180,730	733,074	4,056	3,586
74	89	25 739	144,943	552,344	3,811	3,341
75	90	21 678	113,820	407,401	3,579	3,109
76	91	17 842	87,349	293,580	3,361	2,891
77	92	14 297	65,263	206,232	3,160	2,690
78	93	11 137	47,399	140,969	2,974	2,504
79	94	8 400	33,333	93,570	2,807	2,337
80	95	6 088	22,528	60,237	2,674	2,204
81	96	4 304	14,850	37,709	2,539	2,069
82	97	2 935	9,442	22,859	2,421	1,951
83	98	1 963	5,889	13,418	2,279	1,809
84	99	1 249	3,494	7,529	2,155	1,685
85	100	757	1,973	4,035	2,045	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 439 646,541	14,461	13,991
1	17	99 187	92 481,591	1 340 092,961	14,490	14,020
2	18	99 145	86 193,811	1 247 611,369	14,474	14,005
3	19	99 109	80 338,291	1 161 417,559	14,457	13,987
4	20	99 077	74 883,396	1 081 079,268	14,437	13,967
5	21	99 048	69 800,323	1 006 195,871	14,415	13,945
6	22	99 022	65 064,980	936 395,548	14,392	13,922
7	23	98 994	60 649,859	871 330,568	14,367	13,897
8	24	98 965	56 532,954	810 680,709	14,340	13,870
9	25	98 940	52 698,148	754 147,755	14,311	13,841
10	26	98 913	49 122,690	701 449,607	14,280	13,810
11	27	98 887	45 789,608	652 326,917	14,246	13,776
12	28	98 856	42 681,136	606 537,309	14,211	13,741
13	29	98 824	39 782,888	563 856,173	14,173	13,703
14	30	98 789	37 080,457	524 073,285	14,133	13,664
15	31	98 747	34 559,412	486 992,828	14,091	13,622
16	32	98 701	32 208,101	452 433,416	14,047	13,577
17	33	98 641	30 012,709	420 225,315	14,002	13,532
18	34	98 577	27 965,712	390 212,607	13,953	13,483
19	35	98 501	26 055,065	362 246,895	13,903	13,433
20	36	98 420	24 273,849	336 191,829	13,850	13,380
21	37	98 330	22 612,152	311 917,980	13,794	13,324
22	38	98 241	21 064,464	289 305,828	13,734	13,264
23	39	98 139	19 620,170	268 241,365	13,672	13,202
24	40	98 035	18 274,571	248 621,195	13,605	13,135
25	41	97 921	17 019,432	230 346,623	13,534	13,064
26	42	97 800	15 849,199	213 327,192	13,460	12,990
27	43	97 672	14 758,549	197 477,993	13,381	12,911
28	44	97 533	13 741,246	182 719,444	13,297	12,827
29	45	97 383	12 792,688	168 978,198	13,209	12,739
30	46	97 219	11 907,829	156 185,510	13,116	12,646
31	47	97 040	11 082,385	144 277,681	13,019	12,549
32	48	96 834	10 311,310	133 195,296	12,917	12,448
33	49	96 611	9 592,172	122 883,986	12,811	12,341
34	50	96 368	8 921,210	113 291,814	12,699	12,229
35	51	96 100	8 295,067	104 370,603	12,582	12,112
36	52	95 803	7 710,394	96 075,536	12,461	11,991
37	53	95 483	7 165,164	88 365,143	12,333	11,863
38	54	95 133	6 656,303	81 199,979	12,199	11,729
39	55	94 747	6 181,170	74 543,676	12,060	11,590
40	56	94 330	5 737,964	68 362,505	11,914	11,444
41	57	93 871	5 324,022	62 624,542	11,763	11,293
42	58	93 372	4 937,756	57 300,519	11,605	11,135
43	59	92 822	4 576,833	52 362,763	11,441	10,971
44	60	92 222	4 239,877	47 785,930	11,271	10,801
45	61	91 560	3 924,893	43 546,054	11,095	10,625
46	62	90 862	3 631,659	39 621,161	10,910	10,440
47	63	90 112	3 358,232	35 989,502	10,717	10,247
48	64	89 296	3 102,870	32 631,270	10,516	10,047
49	65	88 399	2 864,037	29 528,401	10,310	9,840
50	66	87 415	2 640,699	26 664,363	10,097	9,628
51	67	86 346	2 432,096	24 023,665	9,878	9,408
52	68	85 179	2 237,034	21 591,568	9,652	9,182
53	69	83 936	2 055,370	19 354,534	9,417	8,947
54	70	82 584	1 885,570	17 299,164	9,175	8,705
55	71	81 123	1 727,006	15 413,594	8,925	8,455
56	72	79 545	1 578,932	13 686,588	8,668	8,198
57	73	77 863	1 441,074	12 107,656	8,402	7,932
58	74	76 080	1 312,880	10 666,582	8,125	7,655
59	75	74 147	1 193,032	9 353,701	7,840	7,370
60	76	72 060	1 081,080	8 160,669	7,549	7,079
61	77	69 780	976,099	7 079,589	7,253	6,783
62	78	67 325	878,106	6 103,490	6,951	6,481
63	79	64 640	786,090	5 225,384	6,647	6,177
64	80	61 695	699,557	4 439,294	6,346	5,876
65	81	58 478	618,261	3 739,737	6,049	5,579
66	82	55 043	542,598	3 121,477	5,753	5,283
67	83	51 417	472,597	2 578,879	5,457	4,987
68	84	47 561	407,604	2 106,282	5,167	4,698
69	85	43 535	347,873	1 698,678	4,883	4,413
70	86	39 344	293,133	1 350,806	4,608	4,138
71	87	35 043	243,439	1 057,672	4,345	3,875
72	88	30 729	199,038	814,234	4,091	3,621
73	89	26 489	159,978	615,196	3,846	3,376
74	90	22 370	125,967	455,218	3,614	3,144
75	91	18 471	96,982	329,250	3,395	2,925
76	92	14 857	72,732	232,268	3,193	2,724
77	93	11 616	53,022	159,536	3,009	2,539
78	94	8 807	37,483	106,513	2,842	2,372
79	95	6 424	25,494	69,031	2,708	2,238
80	96	4 572	16,918	43,537	2,573	2,104
81	97	3 144	10,848	26,619	2,454	1,984
82	98	2 122	6,826	15,771	2,310	1,841
83	99	1 365	4,094	8,945	2,185	1,715
84	100	836	2,339	4,851	2,074	1,604

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 438 212,595	14,449	13,979
1	18	99 172	92 468,050	1 338 673,062	14,477	14,007
2	19	99 125	86 176,258	1 246 205,011	14,461	13,991
3	20	99 090	80 322,784	1 160 028,754	14,442	13,972
4	21	99 059	74 869,530	1 079 705,970	14,421	13,951
5	22	99 031	69 788,767	1 004 836,440	14,398	13,928
6	23	99 005	65 053,720	935 047,672	14,373	13,904
7	24	98 973	60 636,699	869 993,952	14,348	13,878
8	25	98 948	56 523,368	809 357,253	14,319	13,849
9	26	98 921	52 688,322	752 833,884	14,288	13,819
10	27	98 894	49 113,132	700 145,563	14,256	13,786
11	28	98 865	45 779,606	651 032,431	14,221	13,751
12	29	98 831	42 670,491	605 252,824	14,184	13,714
13	30	98 798	39 772,593	562 582,333	14,145	13,675
14	31	98 759	37 069,446	522 809,740	14,104	13,634
15	32	98 716	34 548,381	485 740,293	14,060	13,590
16	33	98 667	32 196,923	451 191,913	14,014	13,544
17	34	98 606	30 002,023	418 994,990	13,966	13,496
18	35	98 539	27 954,774	388 992,967	13,915	13,445
19	36	98 461	26 044,579	361 038,193	13,862	13,392
20	37	98 374	24 262,469	334 993,614	13,807	13,337
21	38	98 285	22 601,745	310 731,145	13,748	13,278
22	39	98 183	21 052,127	288 129,401	13,686	13,217
23	40	98 080	19 608,482	267 077,273	13,620	13,151
24	41	97 969	18 262,168	247 468,791	13,551	13,081
25	42	97 847	17 006,448	229 206,623	13,478	13,008
26	43	97 718	15 836,047	212 200,175	13,400	12,930
27	44	97 584	14 745,267	196 364,128	13,317	12,847
28	45	97 433	13 727,229	181 618,860	13,231	12,761
29	46	97 275	12 778,464	167 891,631	13,139	12,669
30	47	97 096	11 892,709	155 113,168	13,043	12,573
31	48	96 901	11 066,498	143 220,459	12,942	12,472
32	49	96 679	10 294,816	132 153,961	12,837	12,367
33	50	96 436	9 574,796	121 859,144	12,727	12,257
34	51	96 178	8 903,629	112 284,348	12,611	12,141
35	52	95 888	8 276,745	103 380,718	12,491	12,021
36	53	95 568	7 691,463	95 103,973	12,365	11,895
37	54	95 222	7 145,580	87 412,511	12,233	11,763
38	55	94 847	6 636,270	80 266,931	12,095	11,625
39	56	94 433	6 160,690	73 630,660	11,952	11,482
40	57	93 989	5 717,199	67 469,971	11,801	11,331
41	58	93 496	5 302,767	61 752,772	11,645	11,175
42	59	92 960	4 915,978	56 450,005	11,483	11,013
43	60	92 373	4 554,727	51 534,027	11,314	10,845
44	61	91 725	4 217,019	46 979,300	11,140	10,671
45	62	91 048	3 902,932	42 762,281	10,956	10,487
46	63	90 310	3 609,590	38 859,348	10,766	10,296
47	64	89 519	3 336,120	35 249,758	10,566	10,096
48	65	88 646	3 080,258	31 913,638	10,361	9,891
49	66	87 691	2 841,090	28 833,380	10,149	9,679
50	67	86 651	2 617,631	25 992,290	9,930	9,460
51	68	85 509	2 408,518	23 374,659	9,705	9,235
52	69	84 309	2 214,183	20 966,140	9,469	8,999
53	70	82 998	2 032,408	18 751,957	9,226	8,757
54	71	81 578	1 862,597	16 719,549	8,976	8,507
55	72	80 037	1 703,881	14 856,953	8,719	8,250
56	73	78 399	1 556,181	13 153,072	8,452	7,982
57	74	76 658	1 418,762	11 596,891	8,174	7,704
58	75	74 778	1 290,419	10 178,128	7,887	7,418
59	76	72 733	1 170,284	8 887,709	7,594	7,125
60	77	70 487	1 057,484	7 717,425	7,298	6,828
61	78	68 073	952,232	6 659,941	6,994	6,524
62	79	65 434	853,431	5 707,709	6,688	6,218
63	80	62 512	760,209	4 854,279	6,385	5,916
64	81	59 325	672,688	4 094,069	6,086	5,616
65	82	55 902	591,018	3 421,381	5,789	5,319
66	83	52 272	515,283	2 830,363	5,493	5,023
67	84	48 431	445,147	2 315,080	5,201	4,731
68	85	44 364	380,205	1 869,933	4,918	4,448
69	86	40 173	321,010	1 489,728	4,641	4,171
70	87	35 846	267,072	1 168,719	4,376	3,906
71	88	31 497	218,805	901,647	4,121	3,651
72	89	27 200	176,183	682,842	3,876	3,406
73	90	23 021	139,034	506,659	3,644	3,174
74	91	19 060	107,332	367,625	3,425	2,955
75	92	15 380	80,754	260,292	3,223	2,753
76	93	12 070	59,091	179,539	3,038	2,568
77	94	9 186	41,930	120,448	2,873	2,403
78	95	6 736	28,668	78,518	2,739	2,269
79	96	4 824	19,145	49,850	2,604	2,134
80	97	3 340	12,359	30,705	2,484	2,015
81	98	2 273	7,843	18,346	2,339	1,869
82	99	1 475	4,746	10,504	2,213	1,743
83	100	914	2,741	5,758	2,101	1,631

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 436 677,485	14,435	13,965
1	19	99 152	92 449,220	1 337 152,526	14,464	13,994
2	20	99 106	86 159,624	1 244 703,306	14,446	13,977
3	21	99 072	80 307,911	1 158 543,683	14,426	13,956
4	22	99 043	74 857,135	1 078 235,772	14,404	13,934
5	23	99 014	69 776,691	1 003 378,637	14,380	13,910
6	24	98 983	65 039,605	933 601,946	14,354	13,884
7	25	98 956	60 626,417	868 562,342	14,326	13,857
8	26	98 929	56 512,829	807 935,925	14,297	13,827
9	27	98 902	52 678,070	751 423,096	14,264	13,795
10	28	98 873	49 102,404	698 745,026	14,230	13,760
11	29	98 840	45 768,189	649 642,622	14,194	13,724
12	30	98 806	42 659,449	603 874,432	14,156	13,686
13	31	98 769	39 760,784	561 214,983	14,115	13,645
14	32	98 728	37 057,614	521 454,200	14,071	13,602
15	33	98 682	34 536,391	484 396,586	14,026	13,556
16	34	98 632	32 185,459	449 860,195	13,977	13,507
17	35	98 568	29 990,289	417 674,736	13,927	13,457
18	36	98 499	27 943,523	387 684,447	13,874	13,404
19	37	98 415	26 032,368	359 740,924	13,819	13,349
20	38	98 329	24 251,303	333 708,557	13,760	13,291
21	39	98 227	22 588,508	309 457,254	13,700	13,230
22	40	98 125	21 039,586	286 868,746	13,635	13,165
23	41	98 014	19 595,174	265 829,160	13,566	13,096
24	42	97 894	18 248,237	246 233,986	13,494	13,024
25	43	97 765	16 992,336	227 985,749	13,417	12,947
26	44	97 631	15 821,796	210 993,413	13,336	12,866
27	45	97 485	14 730,226	195 171,617	13,250	12,780
28	46	97 325	13 711,965	180 441,391	13,159	12,690
29	47	97 151	12 762,238	166 729,426	13,064	12,594
30	48	96 956	11 875,661	153 967,188	12,965	12,495
31	49	96 746	11 048,796	142 091,527	12,860	12,390
32	50	96 504	10 276,168	131 042,731	12,752	12,282
33	51	96 246	9 555,928	120 766,563	12,638	12,168
34	52	95 965	8 883,963	111 210,635	12,518	12,048
35	53	95 653	8 256,423	102 326,672	12,394	11,924
36	54	95 307	7 670,441	94 070,249	12,264	11,794
37	55	94 935	7 124,075	86 399,808	12,128	11,658
38	56	94 532	6 614,281	79 275,733	11,986	11,516
39	57	94 091	6 138,395	72 661,452	11,837	11,367
40	58	93 613	5 694,374	66 523,057	11,682	11,212
41	59	93 083	5 279,379	60 828,683	11,522	11,052
42	60	92 511	4 892,234	55 549,304	11,355	10,885
43	61	91 875	4 530,172	50 657,070	11,182	10,712
44	62	91 212	4 193,425	46 126,898	11,000	10,530
45	63	90 495	3 879,216	41 933,473	10,810	10,340
46	64	89 715	3 585,823	38 054,257	10,612	10,143
47	65	88 867	3 311,809	34 468,434	10,408	9,938
48	66	87 935	3 055,578	31 156,625	10,197	9,727
49	67	86 925	2 816,272	28 101,047	9,978	9,508
50	68	85 811	2 592,255	25 284,775	9,754	9,284
51	69	84 636	2 383,916	22 692,520	9,519	9,049
52	70	83 367	2 189,446	20 308,604	9,276	8,806
53	71	81 987	2 007,646	18 119,158	9,025	8,555
54	72	80 486	1 837,656	16 111,513	8,767	8,298
55	73	78 884	1 679,329	14 273,857	8,500	8,030
56	74	77 185	1 532,087	12 594,528	8,221	7,751
57	75	75 346	1 394,489	11 062,441	7,933	7,463
58	76	73 352	1 265,814	9 667,951	7,638	7,168
59	77	71 146	1 144,741	8 402,137	7,340	6,870
60	78	68 764	1 031,627	7 257,396	7,035	6,565
61	79	66 161	925,474	6 225,769	6,727	6,257
62	80	63 279	825,333	5 300,295	6,422	5,952
63	81	60 111	731,011	4 474,962	6,122	5,652
64	82	56 711	643,048	3 743,951	5,822	5,352
65	83	53 088	561,266	3 100,903	5,525	5,055
66	84	49 236	485,354	2 539,638	5,233	4,763
67	85	45 175	415,224	2 054,284	4,947	4,478
68	86	40 938	350,845	1 639,059	4,672	4,202
69	87	36 601	292,469	1 288,215	4,405	3,935
70	88	32 219	240,047	995,746	4,148	3,678
71	89	27 880	193,681	755,699	3,902	3,432
72	90	23 639	153,118	562,018	3,670	3,201
73	91	19 615	118,466	408,900	3,452	2,982
74	92	15 871	89,372	290,435	3,250	2,780
75	93	12 495	65,608	201,063	3,065	2,595
76	94	9 545	46,729	135,455	2,899	2,429
77	95	7 026	32,069	88,726	2,767	2,297
78	96	5 058	21,529	56,657	2,632	2,162
79	97	3 524	13,986	35,128	2,512	2,042
80	98	2 415	8,935	21,143	2,366	1,896
81	99	1 580	5,453	12,208	2,239	1,769
82	100	988	3,177	6,755	2,126	1,656

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 435 034,394	14,422	13,952
1	20	99 133	92 431,375	1 335 529,703	14,449	13,979
2	21	99 087	86 143,670	1 243 098,327	14,431	13,961
3	22	99 055	80 294,615	1 156 954,658	14,409	13,939
4	23	99 026	74 844,181	1 076 660,043	14,385	13,915
5	24	98 993	69 761,550	1 001 815,861	14,361	13,891
6	25	98 966	65 028,576	932 054,311	14,333	13,863
7	26	98 938	60 615,113	867 025,735	14,304	13,834
8	27	98 910	56 501,833	806 410,623	14,272	13,802
9	28	98 881	52 666,564	749 908,790	14,239	13,769
10	29	98 848	49 090,158	697 242,226	14,203	13,733
11	30	98 815	45 756,345	648 152,068	14,165	13,695
12	31	98 777	42 646,782	602 395,722	14,125	13,655
13	32	98 737	39 748,092	559 748,940	14,082	13,613
14	33	98 694	37 044,753	520 000,848	14,037	13,567
15	34	98 647	34 524,094	482 956,095	13,989	13,519
16	35	98 593	32 172,871	448 432,001	13,938	13,468
17	36	98 528	29 978,218	416 259,130	13,885	13,415
18	37	98 453	27 930,421	386 280,912	13,830	13,360
19	38	98 370	26 020,387	358 350,490	13,772	13,302
20	39	98 271	24 237,099	332 330,103	13,712	13,242
21	40	98 168	22 575,052	308 093,004	13,647	13,178
22	41	98 058	21 025,307	285 517,952	13,580	13,110
23	42	97 939	19 580,226	264 492,645	13,508	13,038
24	43	97 813	18 233,094	244 912,419	13,432	12,962
25	44	97 678	16 977,044	226 679,325	13,352	12,882
26	45	97 531	15 805,657	209 702,281	13,268	12,798
27	46	97 376	14 713,847	193 896,624	13,178	12,708
28	47	97 201	13 694,555	179 182,777	13,084	12,614
29	48	97 012	12 743,943	165 488,223	12,986	12,516
30	49	96 801	11 856,665	152 744,280	12,883	12,413
31	50	96 570	11 028,782	140 887,615	12,775	12,305
32	51	96 314	10 255,917	129 858,833	12,662	12,192
33	52	96 034	9 534,821	119 602,916	12,544	12,074
34	53	95 730	8 862,150	110 068,095	12,420	11,950
35	54	95 391	8 233,857	101 205,945	12,291	11,822
36	55	95 020	7 647,355	92 972,088	12,157	11,688
37	56	94 621	7 100,470	85 324,732	12,017	11,547
38	57	94 190	6 590,345	78 224,262	11,870	11,400
39	58	93 716	6 113,889	71 633,917	11,717	11,247
40	59	93 201	5 669,259	65 520,029	11,557	11,087
41	60	92 634	5 253,880	59 850,770	11,392	10,922
42	61	92 012	4 865,860	54 596,890	11,220	10,751
43	62	91 361	4 504,825	49 731,030	11,040	10,570
44	63	90 657	4 167,943	45 226,205	10,851	10,381
45	64	89 899	3 853,673	41 058,262	10,654	10,184
46	65	89 061	3 559,692	37 204,589	10,452	9,982
47	66	88 155	3 285,274	33 644,897	10,241	9,771
48	67	87 167	3 028,887	30 359,623	10,023	9,553
49	68	86 082	2 788,970	27 330,736	9,800	9,330
50	69	84 934	2 565,776	24 541,767	9,565	9,095
51	70	83 690	2 357,282	21 975,991	9,323	8,853
52	71	82 351	2 162,771	19 618,709	9,071	8,601
53	72	80 889	1 980,763	17 455,938	8,813	8,343
54	73	79 326	1 811,176	15 475,175	8,544	8,074
55	74	77 662	1 653,329	13 663,999	8,265	7,795
56	75	75 864	1 505,876	12 010,670	7,976	7,506
57	76	73 910	1 367,900	10 504,795	7,680	7,210
58	77	71 751	1 238,186	9 136,895	7,379	6,909
59	78	69 406	1 116,750	7 898,709	7,073	6,603
60	79	66 832	1 002,638	6 781,958	6,764	6,294
61	80	63 982	895,004	5 779,320	6,457	5,987
62	81	60 849	793,634	4 884,316	6,154	5,684
63	82	57 462	698,801	4 090,683	5,854	5,384
64	83	53 856	610,676	3 391,882	5,554	5,084
65	84	50 004	528,666	2 781,206	5,261	4,791
66	85	45 926	452,728	2 252,540	4,975	4,506
67	86	41 687	383,160	1 799,812	4,697	4,227
68	87	37 299	319,652	1 416,652	4,432	3,962
69	88	32 897	262,874	1 097,000	4,173	3,703
70	89	28 519	212,483	834,125	3,926	3,456
71	90	24 230	168,324	621,642	3,693	3,223
72	91	20 142	130,466	453,318	3,475	3,005
73	92	16 333	98,642	322,852	3,273	2,803
74	93	12 894	72,609	224,209	3,088	2,618
75	94	9 881	51,883	151,600	2,922	2,452
76	95	7 300	35,740	99,718	2,790	2,320
77	96	5 276	24,083	63,978	2,657	2,187
78	97	3 695	15,727	39,895	2,537	2,067
79	98	2 548	10,111	24,168	2,390	1,920
80	99	1 679	6,212	14,057	2,263	1,793
81	100	1 058	3,650	7,845	2,149	1,679

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 433 281,583	14,407	13,937
1	21	99 114	92 414,260	1 333 796,099	14,433	13,963
2	22	99 071	86 129,408	1 241 381,839	14,413	13,943
3	23	99 038	80 280,720	1 155 252,431	14,390	13,920
4	24	99 004	74 827,941	1 074 971,711	14,366	13,896
5	25	98 976	69 749,721	1 000 143,770	14,339	13,869
6	26	98 948	65 016,451	930 394,049	14,310	13,840
7	27	98 918	60 603,319	865 377,598	14,279	13,809
8	28	98 889	56 489,491	804 774,280	14,246	13,777
9	29	98 856	52 653,429	748 284,788	14,212	13,742
10	30	98 822	49 077,455	695 631,359	14,174	13,704
11	31	98 785	45 742,759	646 553,905	14,135	13,665
12	32	98 745	42 633,169	600 811,146	14,093	13,623
13	33	98 703	39 734,298	558 177,977	14,048	13,578
14	34	98 658	37 031,564	518 443,679	14,000	13,530
15	35	98 608	34 510,591	481 412,115	13,950	13,480
16	36	98 553	32 159,922	446 901,524	13,896	13,426
17	37	98 482	29 964,163	414 741,602	13,841	13,371
18	38	98 408	27 917,567	384 777,439	13,783	13,313
19	39	98 312	26 005,148	356 859,872	13,723	13,253
20	40	98 213	24 222,661	330 854,724	13,659	13,189
21	41	98 102	22 559,730	306 632,063	13,592	13,122
22	42	97 983	21 009,267	284 072,332	13,521	13,051
23	43	97 858	19 563,978	263 063,065	13,446	12,976
24	44	97 725	18 216,686	243 499,087	13,367	12,897
25	45	97 578	16 959,727	225 282,401	13,283	12,813
26	46	97 422	15 788,082	208 322,675	13,195	12,725
27	47	97 253	14 695,164	192 534,593	13,102	12,632
28	48	97 062	13 674,923	177 839,429	13,005	12,535
29	49	96 857	12 723,558	164 164,506	12,902	12,433
30	50	96 626	11 835,187	151 440,948	12,796	12,326
31	51	96 380	11 007,048	139 605,761	12,683	12,213
32	52	96 101	10 233,264	128 598,713	12,567	12,097
33	53	95 798	9 511,410	118 365,449	12,445	11,975
34	54	95 468	8 837,929	108 854,039	12,317	11,847
35	55	95 104	8 209,076	100 016,110	12,184	11,714
36	56	94 705	7 622,017	91 807,034	12,045	11,575
37	57	94 279	7 074,774	84 185,017	11,899	11,429
38	58	93 814	6 564,035	77 110,243	11,747	11,277
39	59	93 302	6 086,923	70 546,209	11,590	11,120
40	60	92 750	5 641,876	64 459,285	11,425	10,955
41	61	92 134	5 225,556	58 817,409	11,256	10,786
42	62	91 498	4 838,635	53 591,853	11,076	10,606
43	63	90 806	4 477,451	48 753,219	10,889	10,419
44	64	90 060	4 140,499	44 275,767	10,693	10,223
45	65	89 244	3 825,590	40 135,268	10,491	10,021
46	66	88 348	3 531,171	36 309,678	10,283	9,813
47	67	87 384	3 256,576	32 778,507	10,065	9,595
48	68	86 322	2 999,523	29 521,931	9,842	9,372
49	69	85 203	2 760,481	26 522,408	9,608	9,138
50	70	83 986	2 537,110	23 761,926	9,366	8,896
51	71	82 670	2 328,562	21 224,816	9,115	8,645
52	72	81 249	2 133,811	18 896,254	8,856	8,386
53	73	79 723	1 952,221	16 762,443	8,586	8,116
54	74	78 098	1 783,134	14 810,222	8,306	7,836
55	75	76 334	1 625,043	13 027,088	8,016	7,547
56	76	74 418	1 477,162	11 402,045	7,719	7,249
57	77	72 296	1 338,044	9 924,883	7,417	6,948
58	78	69 997	1 207,910	8 586,839	7,109	6,639
59	79	67 456	1 085,369	7 378,929	6,799	6,329
60	80	64 631	969,628	6 293,559	6,491	6,021
61	81	61 525	860,629	5 323,931	6,186	5,716
62	82	58 168	758,664	4 463,303	5,883	5,413
63	83	54 570	663,622	3 704,639	5,582	5,113
64	84	50 728	575,207	3 041,017	5,287	4,817
65	85	46 643	493,129	2 465,810	5,000	4,530
66	86	42 380	417,768	1 972,681	4,722	4,252
67	87	37 981	349,094	1 554,913	4,454	3,984
68	88	33 524	287,306	1 205,819	4,197	3,727
69	89	29 120	232,690	918,513	3,947	3,477
70	90	24 785	184,665	685,823	3,714	3,244
71	91	20 646	143,423	501,158	3,494	3,024
72	92	16 772	108,634	357,735	3,293	2,823
73	93	13 270	80,141	249,100	3,108	2,638
74	94	10 197	57,419	168,959	2,943	2,473
75	95	7 558	39,681	111,540	2,811	2,341
76	96	5 482	26,839	71,858	2,677	2,207
77	97	3 854	17,593	45,019	2,559	2,089
78	98	2 671	11,370	27,426	2,412	1,942
79	99	1 771	7,030	16,056	2,284	1,814
80	100	1 124	4,159	9,027	2,170	1,701

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 431 409,957	14,391	13,921
1	22	99 098	92 398,960	1 331 942,894	14,415	13,945
2	23	99 054	86 114,504	1 239 543,935	14,394	13,924
3	24	99 017	80 263,301	1 153 429,431	14,371	13,901
4	25	98 987	74 815,253	1 073 166,130	14,344	13,874
5	26	98 957	69 736,715	998 350,878	14,316	13,846
6	27	98 929	65 003,800	928 614,163	14,286	13,816
7	28	98 897	60 590,081	863 610,362	14,253	13,783
8	29	98 864	56 475,403	803 020,281	14,219	13,749
9	30	98 830	52 639,803	746 544,878	14,182	13,712
10	31	98 793	49 062,882	693 905,075	14,143	13,673
11	32	98 754	45 728,158	644 842,193	14,102	13,632
12	33	98 711	42 618,374	599 114,035	14,058	13,588
13	34	98 668	39 720,150	556 495,661	14,010	13,541
14	35	98 620	37 017,080	516 775,511	13,960	13,491
15	36	98 568	34 496,701	479 758,431	13,907	13,437
16	37	98 507	32 144,844	445 261,730	13,852	13,382
17	38	98 437	29 950,373	413 116,886	13,793	13,323
18	39	98 350	27 901,217	383 166,513	13,733	13,263
19	40	98 254	25 989,657	355 265,296	13,669	13,200
20	41	98 146	24 206,222	329 275,640	13,603	13,133
21	42	98 027	22 542,520	305 069,418	13,533	13,063
22	43	97 902	20 991,834	282 526,898	13,459	12,989
23	44	97 770	19 546,371	261 535,064	13,380	12,910
24	45	97 625	18 198,104	241 988,692	13,297	12,828
25	46	97 469	16 940,868	223 790,588	13,210	12,740
26	47	97 299	15 768,035	206 849,720	13,118	12,648
27	48	97 113	14 674,098	191 081,685	13,022	12,552
28	49	96 907	13 653,049	176 407,587	12,921	12,451
29	50	96 681	12 700,510	162 754,538	12,815	12,345
30	51	96 436	11 811,864	150 054,028	12,704	12,234
31	52	96 167	10 982,736	138 242,164	12,587	12,117
32	53	95 865	10 208,138	127 259,429	12,466	11,997
33	54	95 536	9 485,414	117 051,291	12,340	11,870
34	55	95 181	8 811,330	107 565,877	12,208	11,738
35	56	94 789	8 181,876	98 754,547	12,070	11,600
36	57	94 362	7 594,434	90 572,670	11,926	11,456
37	58	93 902	7 046,530	82 978,237	11,776	11,306
38	59	93 400	6 535,084	75 931,707	11,619	11,149
39	60	92 852	6 057,523	69 396,623	11,456	10,986
40	61	92 250	5 611,461	63 339,100	11,287	10,818
41	62	91 619	5 196,318	57 727,639	11,109	10,639
42	63	90 942	4 809,232	52 531,321	10,923	10,453
43	64	90 208	4 447,970	47 722,089	10,729	10,259
44	65	89 404	4 110,326	43 274,119	10,528	10,058
45	66	88 529	3 794,939	39 163,793	10,320	9,850
46	67	87 576	3 500,325	35 368,854	10,104	9,635
47	68	86 537	3 225,005	31 868,529	9,882	9,412
48	69	85 440	2 968,884	28 643,524	9,648	9,178
49	70	84 251	2 729,641	25 674,640	9,406	8,936
50	71	82 962	2 506,199	22 945,000	9,155	8,685
51	72	81 563	2 297,382	20 438,800	8,897	8,427
52	73	80 078	2 103,064	18 141,418	8,626	8,156
53	74	78 489	1 921,995	16 038,355	8,345	7,875
54	75	76 762	1 752,628	14 116,359	8,054	7,584
55	76	74 878	1 594,057	12 363,732	7,756	7,286
56	77	72 794	1 444,922	10 769,674	7,453	6,984
57	78	70 529	1 305,326	9 324,753	7,144	6,674
58	79	68 030	1 173,968	8 019,426	6,831	6,361
59	80	65 235	1 049,635	6 845,459	6,522	6,052
60	81	62 149	932,386	5 795,823	6,216	5,746
61	82	58 814	822,707	4 863,437	5,912	5,442
62	83	55 239	720,472	4 040,730	5,608	5,139
63	84	51 400	625,078	3 320,258	5,312	4,842
64	85	47 318	536,541	2 695,180	5,023	4,553
65	86	43 041	455,049	2 158,640	4,744	4,274
66	87	38 612	380,625	1 703,591	4,476	4,006
67	88	34 137	313,769	1 322,966	4,216	3,746
68	89	29 675	254,316	1 009,196	3,968	3,498
69	90	25 308	202,226	754,880	3,733	3,263
70	91	21 119	157,346	552,654	3,512	3,042
71	92	17 191	119,423	395,307	3,310	2,840
72	93	13 626	88,259	275,884	3,126	2,656
73	94	10 494	63,376	187,625	2,961	2,491
74	95	7 799	43,916	124,249	2,829	2,359
75	96	5 675	29,799	80,333	2,696	2,226
76	97	4 005	19,607	50,534	2,577	2,107
77	98	2 786	12,719	30,927	2,432	1,962
78	99	1 857	7,905	18,208	2,303	1,833
79	100	1 186	4,706	10,303	2,189	1,719

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 429 410,071	14,373	13,903
1	23	99 081	92 382,971	1 329 959,475	14,396	13,926
2	24	99 032	86 095,818	1 237 576,505	14,374	13,905
3	25	99 000	80 249,690	1 151 480,687	14,349	13,879
4	26	98 969	74 801,302	1 071 230,996	14,321	13,851
5	27	98 938	69 723,146	996 429,694	14,291	13,821
6	28	98 907	64 989,602	926 706,548	14,259	13,789
7	29	98 872	60 574,970	861 716,946	14,226	13,756
8	30	98 838	56 460,788	801 141,976	14,189	13,719
9	31	98 801	52 624,173	744 681,187	14,151	13,681
10	32	98 761	49 047,221	692 057,015	14,110	13,640
11	33	98 720	45 712,288	643 009,793	14,066	13,597
12	34	98 676	42 603,200	597 297,505	14,020	13,550
13	35	98 629	39 704,615	554 694,306	13,971	13,501
14	36	98 580	37 002,181	514 989,690	13,918	13,448
15	37	98 522	34 480,528	477 987,509	13,863	13,393
16	38	98 462	32 130,050	443 506,982	13,803	13,334
17	39	98 379	29 932,832	411 376,931	13,743	13,273
18	40	98 291	27 884,596	381 444,100	13,679	13,209
19	41	98 187	25 972,017	353 559,503	13,613	13,143
20	42	98 071	24 187,756	327 587,486	13,544	13,074
21	43	97 946	22 523,814	303 399,731	13,470	13,000
22	44	97 814	20 972,943	280 875,916	13,392	12,922
23	45	97 670	19 526,433	259 902,974	13,310	12,840
24	46	97 517	18 177,869	240 376,540	13,224	12,754
25	47	97 346	16 919,358	222 198,672	13,133	12,663
26	48	97 159	15 745,431	205 279,314	13,037	12,567
27	49	96 958	14 650,626	189 533,883	12,937	12,467
28	50	96 731	13 628,317	174 883,257	12,832	12,362
29	51	96 491	12 675,482	161 254,940	12,722	12,252
30	52	96 223	11 785,774	148 579,458	12,607	12,137
31	53	95 931	10 955,770	136 793,685	12,486	12,016
32	54	95 603	10 180,238	125 837,915	12,361	11,891
33	55	95 249	9 456,866	115 657,677	12,230	11,760
34	56	94 866	8 782,135	106 200,811	12,093	11,623
35	57	94 446	8 152,267	97 418,676	11,950	11,480
36	58	93 986	7 564,114	89 266,409	11,801	11,331
37	59	93 488	7 015,451	81 702,294	11,646	11,176
38	60	92 949	6 503,519	74 686,844	11,484	11,014
39	61	92 351	6 024,867	68 183,325	11,317	10,847
40	62	91 734	5 580,064	62 158,458	11,139	10,669
41	63	91 062	5 164,742	56 578,394	10,955	10,485
42	64	90 343	4 777,566	51 413,652	10,761	10,292
43	65	89 551	4 415,556	46 636,085	10,562	10,092
44	66	88 688	4 077,393	42 220,530	10,355	9,885
45	67	87 755	3 761,789	38 143,136	10,140	9,670
46	68	86 727	3 466,391	34 381,348	9,918	9,449
47	69	85 653	3 192,062	30 914,956	9,685	9,215
48	70	84 486	2 935,715	27 722,894	9,443	8,973
49	71	83 224	2 696,384	24 787,179	9,193	8,723
50	72	81 851	2 472,640	22 090,795	8,934	8,464
51	73	80 388	2 264,278	19 618,155	8,664	8,194
52	74	78 838	2 070,503	17 353,876	8,381	7,912
53	75	77 146	1 889,113	15 283,374	8,090	7,620
54	76	75 298	1 719,210	13 394,261	7,791	7,321
55	77	73 244	1 559,265	11 675,051	7,488	7,018
56	78	71 014	1 409,591	10 115,786	7,176	6,707
57	79	68 547	1 268,646	8 706,196	6,863	6,393
58	80	65 790	1 135,317	7 437,549	6,551	6,081
59	81	62 729	1 009,321	6 302,233	6,244	5,774
60	82	59 411	891,303	5 292,911	5,938	5,468
61	83	55 853	781,291	4 401,608	5,634	5,164
62	84	52 031	678,625	3 620,317	5,335	4,865
63	85	47 945	583,059	2 941,692	5,045	4,575
64	86	43 664	495,108	2 358,633	4,764	4,294
65	87	39 214	414,591	1 863,524	4,495	4,025
66	88	34 705	342,110	1 448,933	4,235	3,765
67	89	30 218	277,741	1 106,823	3,985	3,515
68	90	25 790	221,022	829,083	3,751	3,281
69	91	21 564	172,310	608,061	3,529	3,059
70	92	17 585	131,017	435,751	3,326	2,856
71	93	13 967	97,025	304,734	3,141	2,671
72	94	10 775	69,796	207,710	2,976	2,506
73	95	8 026	48,471	137,914	2,845	2,375
74	96	5 857	32,979	89,443	2,712	2,242
75	97	4 146	21,769	56,463	2,594	2,124
76	98	2 895	14,174	34,695	2,448	1,978
77	99	1 937	8,843	20,520	2,321	1,851
78	100	1 243	5,292	11,677	2,206	1,737

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 427 270,544	14,354	13,884
1	24	99 059	92 362,925	1 327 837,158	14,376	13,906
2	25	99 015	86 081,219	1 235 474,233	14,352	13,883
3	26	98 982	80 234,727	1 149 393,014	14,325	13,855
4	27	98 950	74 786,748	1 069 158,287	14,296	13,826
5	28	98 916	69 707,917	994 371,539	14,265	13,795
6	29	98 882	64 973,394	924 663,622	14,231	13,762
7	30	98 847	60 559,295	859 690,229	14,196	13,726
8	31	98 809	56 444,023	799 130,934	14,158	13,688
9	32	98 769	52 607,375	742 686,911	14,118	13,648
10	33	98 727	49 030,200	690 079,536	14,075	13,605
11	34	98 684	45 696,012	641 049,336	14,029	13,559
12	35	98 637	42 586,537	595 353,324	13,980	13,510
13	36	98 590	39 688,635	552 766,787	13,928	13,458
14	37	98 534	36 984,833	513 078,152	13,873	13,403
15	38	98 477	34 464,659	476 093,319	13,814	13,344
16	39	98 404	32 111,233	441 628,660	13,753	13,283
17	40	98 320	29 915,001	409 517,427	13,689	13,219
18	41	98 225	27 865,671	379 602,427	13,623	13,153
19	42	98 112	25 952,204	351 736,756	13,553	13,083
20	43	97 990	24 167,684	325 784,551	13,480	13,010
21	44	97 858	22 503,545	301 616,867	13,403	12,933
22	45	97 714	20 951,549	279 113,323	13,322	12,852
23	46	97 561	19 504,721	258 161,773	13,236	12,766
24	47	97 393	18 154,788	238 657,053	13,146	12,676
25	48	97 206	16 895,103	220 502,265	13,051	12,581
26	49	97 004	15 720,245	203 607,162	12,952	12,482
27	50	96 782	14 624,087	187 886,917	12,848	12,378
28	51	96 541	13 601,460	173 262,830	12,739	12,269
29	52	96 278	12 647,484	159 661,370	12,624	12,154
30	53	95 986	11 756,836	147 013,885	12,505	12,035
31	54	95 669	10 925,826	135 257,049	12,380	11,910
32	55	95 315	10 149,599	124 331,223	12,250	11,780
33	56	94 933	9 425,532	114 181,624	12,114	11,644
34	57	94 522	8 750,353	104 756,092	11,972	11,502
35	58	94 069	8 119,721	96 005,739	11,824	11,354
36	59	93 571	7 530,753	87 886,018	11,670	11,200
37	60	93 036	6 981,566	80 355,265	11,510	11,040
38	61	92 448	6 468,459	73 373,700	11,343	10,873
39	62	91 834	5 991,157	66 905,241	11,167	10,697
40	63	91 177	5 546,156	60 914,084	10,983	10,513
41	64	90 463	5 130,735	55 367,928	10,791	10,322
42	65	89 684	4 742,750	50 237,192	10,592	10,123
43	66	88 833	4 380,178	45 494,442	10,386	9,917
44	67	87 913	4 041,776	41 114,264	10,172	9,702
45	68	86 904	3 725,320	37 072,489	9,951	9,482
46	69	85 841	3 430,983	33 347,168	9,719	9,250
47	70	84 696	3 156,400	29 916,185	9,478	9,008
48	71	83 457	2 899,947	26 759,785	9,228	8,758
49	72	82 110	2 660,278	23 859,838	8,969	8,499
50	73	80 672	2 437,011	21 199,560	8,699	8,229
51	74	79 144	2 229,221	18 762,548	8,417	7,947
52	75	77 489	2 035,080	16 533,327	8,124	7,654
53	76	75 675	1 853,092	14 498,248	7,824	7,354
54	77	73 654	1 681,686	12 645,155	7,519	7,049
55	78	71 453	1 521,138	10 963,469	7,207	6,738
56	79	69 018	1 369,981	9 442,331	6,892	6,422
57	80	66 290	1 226,878	8 072,351	6,580	6,110
58	81	63 263	1 091,711	6 845,472	6,270	5,801
59	82	59 965	964,848	5 753,761	5,963	5,493
60	83	56 420	846,434	4 788,913	5,658	5,188
61	84	52 609	735,912	3 942,479	5,357	4,887
62	85	48 533	633,007	3 206,567	5,066	4,596
63	86	44 243	538,035	2 573,560	4,783	4,313
64	87	39 782	451,089	2 035,525	4,512	4,043
65	88	35 246	372,639	1 584,436	4,252	3,782
66	89	30 720	302,827	1 211,797	4,002	3,532
67	90	26 261	241,379	908,970	3,766	3,296
68	91	21 975	188,324	667,591	3,545	3,075
69	92	17 955	143,476	479,266	3,340	2,870
70	93	14 287	106,444	335,790	3,155	2,685
71	94	11 045	76,727	229,346	2,989	2,519
72	95	8 241	53,382	152,619	2,859	2,389
73	96	6 027	36,400	99,238	2,726	2,256
74	97	4 278	24,092	62,837	2,608	2,138
75	98	2 997	15,738	38,745	2,462	1,992
76	99	2 013	9,855	23,008	2,335	1,865
77	100	1 297	5,920	13,153	2,222	1,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 424 982,068	14,334	13,864
1	25	99 042	92 347,263	1 325 570,258	14,354	13,884
2	26	98 997	86 065,168	1 233 222,995	14,329	13,859
3	27	98 962	80 219,116	1 147 157,827	14,300	13,830
4	28	98 928	74 770,413	1 066 938,711	14,270	13,800
5	29	98 892	69 690,532	992 168,298	14,237	13,767
6	30	98 857	64 956,580	922 477,766	14,201	13,732
7	31	98 817	60 541,312	857 521,187	14,164	13,694
8	32	98 777	56 426,007	796 979,874	14,124	13,654
9	33	98 735	52 589,118	740 553,868	14,082	13,612
10	34	98 692	49 012,743	687 964,749	14,036	13,567
11	35	98 646	45 678,140	638 952,007	13,988	13,518
12	36	98 597	42 569,397	593 273,867	13,937	13,467
13	37	98 543	39 670,027	550 704,470	13,882	13,412
14	38	98 489	36 967,812	511 034,444	13,824	13,354
15	39	98 419	34 444,474	474 066,632	13,763	13,293
16	40	98 346	32 092,104	439 622,158	13,699	13,229
17	41	98 254	29 894,698	407 530,054	13,632	13,162
18	42	98 150	27 844,413	377 635,356	13,562	13,092
19	43	98 031	25 930,669	349 790,943	13,489	13,020
20	44	97 902	24 145,935	323 860,274	13,413	12,943
21	45	97 758	22 480,590	299 714,339	13,332	12,862
22	46	97 605	20 928,252	277 233,749	13,247	12,777
23	47	97 437	19 479,955	256 305,497	13,157	12,687
24	48	97 253	18 128,762	236 825,542	13,064	12,594
25	49	97 051	16 868,078	218 696,780	12,965	12,495
26	50	96 828	15 691,768	201 828,701	12,862	12,392
27	51	96 592	14 595,268	186 136,933	12,753	12,283
28	52	96 327	13 571,417	171 541,665	12,640	12,170
29	53	96 041	12 616,431	157 970,248	12,521	12,051
30	54	95 724	11 724,703	145 353,817	12,397	11,927
31	55	95 381	10 892,943	133 629,114	12,267	11,798
32	56	94 999	10 115,970	122 736,171	12,133	11,663
33	57	94 589	9 391,422	112 620,201	11,992	11,522
34	58	94 145	8 715,419	103 228,779	11,844	11,374
35	59	93 654	8 083,909	94 513,360	11,692	11,222
36	60	93 119	7 494,379	86 429,451	11,533	11,063
37	61	92 535	6 943,928	78 935,072	11,367	10,898
38	62	91 931	6 432,267	71 991,144	11,192	10,722
39	63	91 276	5 954,751	65 558,877	11,010	10,540
40	64	90 576	5 509,638	59 604,126	10,818	10,348
41	65	89 803	5 093,346	54 094,488	10,621	10,151
42	66	88 966	4 704,751	49 001,142	10,415	9,945
43	67	88 057	4 341,915	44 296,392	10,202	9,732
44	68	87 061	4 002,593	39 954,477	9,982	9,512
45	69	86 017	3 687,267	35 951,884	9,750	9,280
46	70	84 882	3 392,651	32 264,617	9,510	9,040
47	71	83 665	3 117,944	28 871,965	9,260	8,790
48	72	82 339	2 861,116	25 754,021	9,001	8,531
49	73	80 927	2 621,946	22 892,905	8,731	8,261
50	74	79 423	2 399,280	20 270,960	8,449	7,979
51	75	77 790	2 191,083	17 871,680	8,157	7,687
52	76	76 012	1 996,276	15 680,597	7,855	7,385
53	77	74 024	1 812,647	13 684,322	7,549	7,079
54	78	71 853	1 640,566	11 871,675	7,236	6,766
55	79	69 445	1 478,394	10 231,110	6,920	6,451
56	80	66 746	1 324,876	8 752,716	6,606	6,137
57	81	63 744	1 179,756	7 427,839	6,296	5,826
58	82	60 476	1 043,608	6 248,083	5,987	5,517
59	83	56 946	916,276	5 204,475	5,680	5,210
60	84	53 143	797,271	4 288,199	5,379	4,909
61	85	49 073	686,443	3 490,928	5,086	4,616
62	86	44 786	584,126	2 804,485	4,801	4,331
63	87	40 309	490,199	2 220,359	4,530	4,060
64	88	35 757	405,444	1 730,160	4,267	3,797
65	89	31 199	329,851	1 324,716	4,016	3,546
66	90	26 698	263,181	994,866	3,780	3,310
67	91	22 376	205,671	731,684	3,558	3,088
68	92	18 298	156,811	526,014	3,354	2,885
69	93	14 588	116,566	369,203	3,167	2,697
70	94	11 298	84,176	252,636	3,001	2,531
71	95	8 447	58,683	168,461	2,871	2,401
72	96	6 189	40,088	109,778	2,738	2,269
73	97	4 403	26,591	69,690	2,621	2,151
74	98	3 093	17,417	43,099	2,475	2,005
75	99	2 084	10,942	25,682	2,347	1,877
76	100	1 348	6,598	14,740	2,234	1,764

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 422 538,593	14,312	13,842
1	26	99 024	92 330,044	1 323 143,640	14,331	13,861
2	27	98 978	86 048,422	1 230 813,596	14,304	13,834
3	28	98 941	80 201,593	1 144 765,174	14,274	13,804
4	29	98 903	74 751,765	1 064 563,580	14,241	13,771
5	30	98 866	69 672,497	989 811,815	14,207	13,737
6	31	98 828	64 937,292	920 139,318	14,170	13,700
7	32	98 786	60 521,988	855 202,026	14,130	13,661
8	33	98 743	56 406,424	794 680,038	14,088	13,619
9	34	98 700	52 570,394	738 273,614	14,044	13,574
10	35	98 653	48 993,573	685 703,220	13,996	13,526
11	36	98 606	45 659,755	636 709,647	13,945	13,475
12	37	98 551	42 549,438	591 049,891	13,891	13,421
13	38	98 498	39 651,770	548 500,453	13,833	13,363
14	39	98 431	36 946,161	508 848,684	13,773	13,303
15	40	98 360	34 423,956	471 902,523	13,709	13,239
16	41	98 279	32 070,323	437 478,567	13,641	13,171
17	42	98 179	29 871,892	405 408,244	13,572	13,102
18	43	98 068	27 821,308	375 536,352	13,498	13,028
19	44	97 943	25 907,333	347 715,044	13,421	12,952
20	45	97 802	24 121,305	321 807,711	13,341	12,871
21	46	97 649	22 455,593	297 686,406	13,257	12,787
22	47	97 481	20 901,679	275 230,813	13,168	12,698
23	48	97 298	19 452,030	254 329,134	13,075	12,605
24	49	97 098	18 099,764	234 877,105	12,977	12,507
25	50	96 875	16 837,523	216 777,341	12,875	12,405
26	51	96 637	15 660,845	199 939,818	12,767	12,297
27	52	96 378	14 563,030	184 278,973	12,654	12,184
28	53	96 091	13 538,096	169 715,943	12,536	12,066
29	54	95 779	12 581,948	156 177,848	12,413	11,943
30	55	95 436	11 689,416	143 595,899	12,284	11,814
31	56	95 065	10 856,851	131 906,483	12,150	11,680
32	57	94 656	10 079,361	121 049,633	12,010	11,540
33	58	94 212	9 353,929	110 970,272	11,863	11,394
34	59	93 730	8 676,979	101 616,343	11,711	11,241
35	60	93 202	8 044,863	92 939,363	11,553	11,083
36	61	92 617	7 453,977	84 894,500	11,389	10,919
37	62	92 017	6 905,076	77 440,523	11,215	10,745
38	63	91 372	6 393,180	70 535,447	11,033	10,563
39	64	90 675	5 915,543	64 142,267	10,843	10,373
40	65	89 916	5 469,487	58 226,724	10,646	10,176
41	66	89 084	5 052,537	52 757,237	10,442	9,972
42	67	88 189	4 663,653	47 704,700	10,229	9,759
43	68	87 204	4 299,823	43 041,047	10,010	9,540
44	69	86 171	3 961,707	38 741,225	9,779	9,309
45	70	85 056	3 646,072	34 779,517	9,539	9,069
46	71	83 848	3 351,317	31 133,445	9,290	8,820
47	72	82 544	3 076,194	27 782,128	9,031	8,561
48	73	81 153	2 819,889	24 705,935	8,761	8,291
49	74	79 674	2 581,351	21 886,045	8,479	8,009
50	75	78 064	2 358,232	19 304,695	8,186	7,716
51	76	76 306	2 149,304	16 946,463	7,885	7,415
52	77	74 353	1 952,705	14 797,159	7,578	7,108
53	78	72 214	1 768,324	12 844,454	7,264	6,794
54	79	69 834	1 594,465	11 076,130	6,947	6,477
55	80	67 159	1 429,720	9 481,665	6,632	6,162
56	81	64 182	1 273,991	8 051,945	6,320	5,850
57	82	60 935	1 127,773	6 777,954	6,010	5,540
58	83	57 431	991,071	5 650,181	5,701	5,231
59	84	53 639	863,057	4 659,110	5,398	4,928
60	85	49 570	743,678	3 796,053	5,104	4,635
61	86	45 283	633,435	3 052,375	4,819	4,349
62	87	40 804	532,193	2 418,940	4,545	4,075
63	88	36 230	440,596	1 886,747	4,282	3,812
64	89	31 651	358,889	1 446,151	4,030	3,560
65	90	27 115	286,667	1 087,263	3,793	3,323
66	91	22 748	224,247	800,596	3,570	3,100
67	92	18 632	171,255	576,348	3,365	2,896
68	93	14 866	127,400	405,094	3,180	2,710
69	94	11 536	92,181	277,694	3,012	2,543
70	95	8 641	64,380	185,513	2,882	2,412
71	96	6 344	44,069	121,133	2,749	2,279
72	97	4 521	29,285	77,064	2,632	2,162
73	98	3 183	19,224	47,780	2,485	2,016
74	99	2 150	12,110	28,556	2,358	1,888
75	100	1 395	7,325	16,446	2,245	1,775

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	92 909,409	1 353 756,529	14,571	14,101
2	1	99 313	86 339,875	1 260 847,121	14,603	14,133
3	2	99 275	80 472,226	1 174 507,246	14,595	14,125
4	3	99 250	75 013,785	1 094 035,019	14,584	14,115
5	4	99 227	69 926,479	1 019 021,235	14,573	14,103
6	5	99 208	65 187,442	949 094,756	14,559	14,090
7	6	99 191	60 769,971	883 907,314	14,545	14,075
8	7	99 176	56 653,477	823 137,343	14,529	14,059
9	8	99 163	52 816,848	766 483,867	14,512	14,042
10	9	99 149	49 239,469	713 667,019	14,494	14,024
11	10	99 135	45 904,426	664 427,550	14,474	14,004
12	11	99 120	42 794,971	618 523,124	14,453	13,983
13	12	99 105	39 895,972	575 728,153	14,431	13,961
14	13	99 087	37 192,542	535 832,180	14,407	13,937
15	14	99 067	34 671,200	498 639,639	14,382	13,912
16	15	99 042	32 319,209	463 968,439	14,356	13,886
17	16	99 004	30 122,930	431 649,230	14,330	13,860
18	17	98 961	28 074,451	401 526,300	14,302	13,832
19	18	98 908	26 162,778	373 451,850	14,274	13,804
20	19	98 847	24 379,047	347 289,072	14,245	13,775
21	20	98 783	22 716,415	322 910,025	14,215	13,745
22	21	98 721	21 167,414	300 193,611	14,182	13,712
23	22	98 660	19 724,349	279 026,197	14,146	13,676
24	23	98 598	18 379,375	259 301,848	14,108	13,638
25	24	98 528	17 124,945	240 922,473	14,069	13,599
26	25	98 464	15 956,926	223 797,528	14,025	13,555
27	26	98 399	14 868,430	207 840,601	13,979	13,509
28	27	98 328	13 853,327	192 972,171	13,930	13,460
29	28	98 256	12 907,382	179 118,844	13,877	13,407
30	29	98 175	12 024,964	166 211,463	13,822	13,352
31	30	98 093	11 202,728	154 186,499	13,763	13,293
32	31	97 997	10 435,145	142 983,771	13,702	13,232
33	32	97 897	9 719,819	132 548,626	13,637	13,167
34	33	97 793	9 053,190	122 828,807	13,567	13,098
35	34	97 680	8 431,403	113 775,616	13,494	13,024
36	35	97 555	7 851,397	105 344,214	13,417	12,947
37	36	97 429	7 311,210	97 492,817	13,335	12,865
38	37	97 292	6 807,399	90 181,607	13,248	12,778
39	38	97 145	6 337,646	83 374,208	13,155	12,685
40	39	96 983	5 899,320	77 036,562	13,059	12,589
41	40	96 803	5 490,347	71 137,242	12,957	12,487
42	41	96 609	5 108,954	65 646,895	12,849	12,379
43	42	96 392	4 752,867	60 537,941	12,737	12,267
44	43	96 154	4 420,649	55 785,074	12,619	12,149
45	44	95 895	4 110,714	51 364,425	12,495	12,025
46	45	95 601	3 821,096	47 253,712	12,367	11,897
47	46	95 286	3 551,057	43 432,615	12,231	11,761
48	47	94 929	3 298,585	39 881,559	12,091	11,621
49	48	94 529	3 062,642	36 582,974	11,945	11,475
50	49	94 081	2 842,070	33 520,332	11,794	11,324
51	50	93 580	2 635,844	30 678,262	11,639	11,169
52	51	93 035	2 443,350	28 042,418	11,477	11,007
53	52	92 418	2 263,090	25 599,069	11,312	10,842
54	53	91 732	2 094,431	23 335,978	11,142	10,672
55	54	90 971	1 936,656	21 241,548	10,968	10,498
56	55	90 140	1 789,236	19 304,892	10,789	10,320
57	56	89 227	1 651,401	17 515,656	10,607	10,137
58	57	88 234	1 522,627	15 864,255	10,419	9,949
59	58	87 140	1 402,096	14 341,628	10,229	9,759
60	59	85 953	1 289,509	12 939,533	10,034	9,565
61	60	84 679	1 184,518	11 650,023	9,835	9,365
62	61	83 297	1 086,421	10 465,505	9,633	9,163
63	62	81 827	995,097	9 379,084	9,425	8,955
64	63	80 267	910,140	8 383,987	9,212	8,742
65	64	78 600	830,992	7 473,847	8,994	8,524
66	65	76 828	757,352	6 642,854	8,771	8,301
67	66	74 967	689,047	5 885,503	8,542	8,072
68	67	72 978	625,422	5 196,455	8,309	7,839
69	68	70 918	566,690	4 571,033	8,066	7,596
70	69	68 746	512,193	4 004,343	7,818	7,348
71	70	66 455	461,654	3 492,150	7,564	7,095
72	71	64 044	414,831	3 030,496	7,305	6,835
73	72	61 534	371,631	2 615,665	7,038	6,568
74	73	58 931	331,852	2 244,034	6,762	6,292
75	74	56 225	295,210	1 912,182	6,477	6,007
76	75	53 382	261,338	1 616,972	6,187	5,717
77	76	50 393	230,028	1 355,634	5,893	5,423
78	77	47 260	201,142	1 125,606	5,596	5,126
79	78	43 972	174,498	924,464	5,298	4,828
80	79	40 502	149,864	749,966	5,004	4,534
81	80	36 874	127,216	600,102	4,717	4,247
82	81	33 099	106,472	472,886	4,441	3,972
83	82	29 275	87,804	366,414	4,173	3,703
84	83	25 443	71,154	278,610	3,916	3,446
85	84	21 681	56,534	207,456	3,670	3,200
86	85	18 049	43,883	150,922	3,439	2,969
87	86	14 656	33,225	107,039	3,222	2,752
88	87	11 578	24,471	73,814	3,016	2,546
89	88	8 871	17,482	49,343	2,822	2,353
90	89	6 577	12,085	31,861	2,636	2,166
91	90	4 689	8,035	19,776	2,461	1,991
92	91	3 187	5,091	11,741	2,306	1,836
93	92	2 059	3,066	6,650	2,169	1,699
94	93	1 265	1,756	3,584	2,040	1,570
95	94	727	0,941	1,827	1,942	1,472
96	95	397	0,479	0,886	1,850	1,380
97	96	205	0,231	0,407	1,765	1,295
98	97	99	0,104	0,176	1,697	1,227
99	98	46	0,045	0,072	1,620	1,150
100	99	20	0,018	0,028	1,554	1,084

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	86 605,221	1 261 495,663	14,566	14,096
3	1	99 297	80 490,824	1 174 890,442	14,597	14,127
4	2	99 262	75 022,718	1 094 399,618	14,588	14,118
5	3	99 238	69 934,811	1 019 376,899	14,576	14,106
6	4	99 217	65 193,370	949 442,088	14,563	14,094
7	5	99 198	60 774,528	884 248,719	14,550	14,080
8	6	99 182	56 657,206	823 474,190	14,534	14,064
9	7	99 168	52 819,451	766 816,984	14,518	14,048
10	8	99 155	49 242,518	713 997,532	14,500	14,030
11	9	99 141	45 907,396	664 755,014	14,480	14,010
12	10	99 126	42 797,507	618 847,618	14,460	13,990
13	11	99 112	39 898,944	576 050,111	14,438	13,968
14	12	99 095	37 195,485	536 151,167	14,414	13,945
15	13	99 075	34 674,172	498 955,682	14,390	13,920
16	14	99 052	32 322,600	464 281,510	14,364	13,894
17	15	99 016	30 126,699	431 958,910	14,338	13,868
18	16	98 975	28 078,412	401 832,211	14,311	13,841
19	17	98 923	26 166,609	373 753,799	14,284	13,814
20	18	98 867	24 384,012	347 587,190	14,255	13,785
21	19	98 802	22 720,800	323 203,177	14,225	13,755
22	20	98 739	21 171,334	300 482,377	14,193	13,723
23	21	98 676	19 727,615	279 311,043	14,158	13,688
24	22	98 615	18 382,556	259 583,428	14,121	13,651
25	23	98 550	17 128,662	241 200,872	14,082	13,612
26	24	98 481	15 959,633	224 072,210	14,040	13,570
27	25	98 418	14 871,203	208 112,577	13,994	13,524
28	26	98 347	13 856,023	193 241,374	13,946	13,476
29	27	98 278	12 910,202	179 385,351	13,895	13,425
30	28	98 200	12 027,963	166 475,150	13,841	13,371
31	29	98 119	11 205,628	154 447,186	13,783	13,313
32	30	98 026	10 438,244	143 241,558	13,723	13,253
33	31	97 928	9 722,923	132 803,314	13,659	13,189
34	32	97 827	9 056,333	123 080,391	13,591	13,121
35	33	97 715	8 434,406	114 024,058	13,519	13,049
36	34	97 593	7 854,469	105 589,652	13,443	12,973
37	35	97 468	7 314,154	97 735,184	13,362	12,893
38	36	97 338	6 810,592	90 421,030	13,277	12,807
39	37	97 190	6 340,564	83 610,438	13,187	12,717
40	38	97 039	5 902,777	77 269,874	13,090	12,621
41	39	96 861	5 493,619	71 367,097	12,991	12,521
42	40	96 675	5 112,424	65 873,478	12,885	12,415
43	41	96 465	4 756,496	60 761,054	12,774	12,304
44	42	96 234	4 424,320	56 004,558	12,658	12,188
45	43	95 981	4 114,416	51 580,238	12,536	12,067
46	44	95 699	3 824,998	47 465,821	12,409	11,939
47	45	95 392	3 555,010	43 640,824	12,276	11,806
48	46	95 050	3 302,778	40 085,814	12,137	11,667
49	47	94 664	3 067,038	36 783,036	11,993	11,523
50	48	94 231	2 846,624	33 715,997	11,844	11,374
51	49	93 750	2 640,627	30 869,374	11,690	11,220
52	50	93 218	2 448,174	28 228,746	11,531	11,061
53	51	92 623	2 268,100	25 780,572	11,367	10,897
54	52	91 958	2 099,586	23 512,472	11,199	10,729
55	53	91 221	1 941,964	21 412,887	11,026	10,557
56	54	90 412	1 794,638	19 470,923	10,850	10,380
57	55	89 524	1 656,891	17 676,285	10,668	10,198
58	56	88 555	1 528,157	16 019,395	10,483	10,013
59	57	87 489	1 407,716	14 491,238	10,294	9,824
60	58	86 334	1 295,222	13 083,522	10,101	9,631
61	59	85 090	1 190,267	11 788,300	9,904	9,434
62	60	83 749	1 092,310	10 598,033	9,702	9,233
63	61	82 287	1 000,696	9 505,723	9,499	9,029
64	62	80 757	915,705	8 505,027	9,288	8,818
65	63	79 121	836,500	7 589,322	9,073	8,603
66	64	77 392	762,911	6 752,822	8,851	8,381
67	65	75 572	694,613	5 989,911	8,623	8,153
68	66	73 621	630,934	5 295,298	8,393	7,923
69	67	71 613	572,238	4 664,365	8,151	7,681
70	68	69 455	517,479	4 092,127	7,908	7,438
71	69	67 205	466,870	3 574,648	7,657	7,187
72	70	64 834	419,947	3 107,778	7,400	6,930
73	71	62 369	376,675	2 687,831	7,136	6,666
74	72	59 793	336,704	2 311,156	6,864	6,394
75	73	57 109	299,853	1 974,452	6,585	6,115
76	74	54 311	265,887	1 674,599	6,298	5,828
77	75	51 373	234,499	1 408,713	6,007	5,537
78	76	48 314	205,630	1 174,214	5,710	5,240
79	77	45 074	178,872	968,584	5,415	4,945
80	78	41 673	154,197	789,711	5,121	4,652
81	79	38 130	131,547	635,515	4,831	4,361
82	80	34 421	110,724	503,968	4,552	4,082
83	81	30 624	91,851	393,243	4,281	3,811
84	82	26 792	74,926	301,392	4,023	3,553
85	83	23 018	60,020	226,466	3,773	3,303
86	84	19 350	47,045	166,446	3,538	3,068
87	85	15 883	36,005	119,401	3,316	2,846
88	86	12 707	26,859	83,395	3,105	2,635
89	87	9 869	19,451	56,536	2,907	2,437
90	88	7 430	13,653	37,085	2,716	2,246
91	89	5 396	9,245	23,433	2,535	2,065
92	90	3 740	5,975	14,188	2,374	1,905
93	91	2 472	3,683	8,213	2,230	1,760
94	92	1 557	2,162	4,530	2,095	1,626
95	93	919	1,190	2,368	1,990	1,521
96	94	519	0,626	1,178	1,881	1,411
97	95	273	0,307	0,552	1,798	1,328
98	96	136	0,142	0,245	1,721	1,251
99	97	63	0,062	0,103	1,658	1,188
100	98	28	0,026	0,041	1,586	1,116

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	80 738,195	1 175 488,182	14,559	14,089
4	1	99 285	75 040,057	1 094 749,987	14,589	14,119
5	2	99 250	69 943,140	1 019 709,930	14,579	14,109
6	3	99 229	65 201,138	949 766,791	14,567	14,097
7	4	99 207	60 780,055	884 565,653	14,554	14,084
8	5	99 190	56 661,456	823 785,598	14,539	14,069
9	6	99 174	52 822,929	767 124,142	14,523	14,053
10	7	99 160	49 244,945	714 301,213	14,505	14,035
11	8	99 147	45 910,239	665 056,268	14,486	14,016
12	9	99 132	42 800,276	619 146,030	14,466	13,996
13	10	99 118	39 901,309	576 345,753	14,444	13,974
14	11	99 103	37 198,255	536 444,444	14,421	13,951
15	12	99 083	34 676,916	499 246,189	14,397	13,927
16	13	99 060	32 325,371	464 569,274	14,372	13,902
17	14	99 026	30 129,860	432 243,902	14,346	13,876
18	15	98 987	28 081,926	402 114,042	14,319	13,849
19	16	98 937	26 170,302	374 032,116	14,292	13,822
20	17	98 881	24 387,583	347 861,814	14,264	13,794
21	18	98 822	22 725,428	323 474,231	14,234	13,764
22	19	98 758	21 175,421	300 748,803	14,203	13,733
23	20	98 694	19 731,268	279 573,382	14,169	13,699
24	21	98 631	18 385,600	259 842,113	14,133	13,663
25	22	98 567	17 131,627	241 456,514	14,094	13,624
26	23	98 502	15 963,096	224 324,887	14,053	13,583
27	24	98 434	14 873,726	208 361,791	14,009	13,539
28	25	98 366	13 858,607	193 488,065	13,962	13,492
29	26	98 297	12 912,714	179 629,458	13,911	13,441
30	27	98 221	12 030,591	166 716,744	13,858	13,388
31	28	98 143	11 208,423	154 686,153	13,801	13,331
32	29	98 051	10 440,946	143 477,730	13,742	13,272
33	30	97 957	9 725,811	133 036,784	13,679	13,209
34	31	97 859	9 059,225	123 310,973	13,612	13,142
35	32	97 749	8 437,334	114 251,748	13,541	13,071
36	33	97 628	7 857,266	105 814,414	13,467	12,997
37	34	97 507	7 317,016	97 957,148	13,388	12,918
38	35	97 377	6 813,334	90 640,132	13,303	12,833
39	36	97 236	6 343,538	83 826,798	13,215	12,745
40	37	97 084	5 905,495	77 483,260	13,121	12,651
41	38	96 918	5 496,839	71 577,765	13,022	12,552
42	39	96 732	5 115,471	66 080,926	12,918	12,448
43	40	96 531	4 759,726	60 965,455	12,809	12,339
44	41	96 307	4 427,698	56 205,729	12,694	12,224
45	42	96 061	4 117,833	51 778,031	12,574	12,104
46	43	95 785	3 828,443	47 660,198	12,449	11,979
47	44	95 490	3 558,640	43 831,755	12,317	11,847
48	45	95 155	3 306,455	40 273,115	12,180	11,710
49	46	94 785	3 070,938	36 966,660	12,038	11,568
50	47	94 367	2 850,710	33 895,722	11,890	11,420
51	48	93 900	2 644,858	31 045,012	11,738	11,268
52	49	93 388	2 452,617	28 400,154	11,580	11,110
53	50	92 806	2 272,578	25 947,537	11,418	10,948
54	51	92 161	2 104,233	23 674,959	11,251	10,781
55	52	91 445	1 946,743	21 570,725	11,080	10,611
56	53	90 660	1 799,556	19 623,982	10,905	10,435
57	54	89 794	1 661,892	17 824,426	10,725	10,255
58	55	88 849	1 533,237	16 162,534	10,541	10,072
59	56	87 807	1 412,829	14 629,296	10,355	9,885
60	57	86 680	1 300,414	13 216,468	10,163	9,693
61	58	85 467	1 195,540	11 916,054	9,967	9,497
62	59	84 155	1 097,611	10 720,514	9,767	9,297
63	60	82 733	1 006,120	9 622,903	9,564	9,094
64	61	81 212	920,857	8 616,783	9,357	8,887
65	62	79 604	841,614	7 695,926	9,144	8,674
66	63	77 905	767,968	6 854,312	8,925	8,455
67	64	76 127	699,712	6 086,344	8,698	8,228
68	65	74 215	636,030	5 386,632	8,469	7,999
69	66	72 244	577,280	4 750,602	8,229	7,759
70	67	70 135	522,545	4 173,322	7,987	7,517
71	68	67 899	471,688	3 650,777	7,740	7,270
72	69	65 566	424,692	3 179,089	7,486	7,016
73	70	63 138	381,321	2 754,397	7,223	6,753
74	71	60 604	341,274	2 373,076	6,954	6,484
75	72	57 944	304,236	2 031,802	6,678	6,208
76	73	55 166	270,068	1 727,566	6,397	5,927
77	74	52 267	238,581	1 457,498	6,109	5,639
78	75	49 253	209,627	1 218,917	5,815	5,345
79	76	46 080	182,863	1 009,290	5,519	5,049
80	77	42 718	158,062	826,427	5,229	4,759
81	78	39 232	135,350	668,365	4,938	4,468
82	79	35 593	114,494	533,015	4,655	4,185
83	80	31 847	95,520	418,521	4,381	3,912
84	81	28 027	78,380	323,000	4,121	3,651
85	82	24 238	63,202	244,621	3,870	3,401
86	83	20 543	49,946	181,419	3,632	3,162
87	84	17 028	38,600	131,473	3,406	2,936
88	85	13 771	29,107	92,873	3,191	2,721
89	86	10 833	21,349	63,766	2,987	2,517
90	87	8 266	15,190	42,417	2,793	2,323
91	88	6 096	10,444	27,228	2,607	2,137
92	89	4 304	6,875	16,784	2,441	1,971
93	90	2 902	4,322	9,908	2,293	1,823
94	91	1 869	2,596	5,586	2,152	1,682
95	92	1 131	1,464	2,990	2,042	1,572
96	93	656	0,792	1,526	1,926	1,456
97	94	357	0,402	0,733	1,826	1,357
98	95	181	0,190	0,332	1,751	1,281
99	96	87	0,085	0,142	1,679	1,210
100	97	39	0,036	0,058	1,621	1,151

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	75 270,676	1 095 300,816	14,551	14,082
5	1	99 273	69 959,304	1 020 030,141	14,580	14,110
6	2	99 241	65 208,903	950 070,836	14,570	14,100
7	3	99 219	60 787,297	884 861,934	14,557	14,087
8	4	99 199	56 666,608	824 074,636	14,543	14,073
9	5	99 182	52 826,890	767 408,028	14,527	14,057
10	6	99 166	49 248,187	714 581,138	14,510	14,040
11	7	99 152	45 912,502	665 332,950	14,491	14,021
12	8	99 138	42 802,926	619 420,449	14,471	14,002
13	9	99 124	39 903,891	576 617,522	14,450	13,980
14	10	99 108	37 200,459	536 713,631	14,428	13,958
15	11	99 091	34 679,499	499 513,172	14,404	13,934
16	12	99 068	32 327,929	464 833,673	14,379	13,909
17	13	99 035	30 132,443	432 505,744	14,353	13,884
18	14	98 997	28 084,873	402 373,301	14,327	13,857
19	15	98 949	26 173,576	374 288,428	14,300	13,830
20	16	98 895	24 391,025	348 114,852	14,272	13,802
21	17	98 837	22 728,756	323 723,827	14,243	13,773
22	18	98 778	21 179,734	300 995,071	14,211	13,742
23	19	98 714	19 735,078	279 815,337	14,179	13,709
24	20	98 649	18 389,005	260 080,259	14,143	13,673
25	21	98 583	17 134,463	241 691,254	14,106	13,636
26	22	98 519	15 965,859	224 556,791	14,065	13,595
27	23	98 456	14 876,954	208 590,932	14,021	13,551
28	24	98 382	13 860,957	193 713,978	13,976	13,506
29	25	98 315	12 915,122	179 853,021	13,926	13,456
30	26	98 240	12 032,933	166 937,899	13,873	13,404
31	27	98 165	11 210,872	154 904,966	13,817	13,347
32	28	98 076	10 443,551	143 694,094	13,759	13,289
33	29	97 983	9 728,328	133 250,543	13,697	13,227
34	30	97 888	9 061,916	123 522,215	13,631	13,161
35	31	97 780	8 440,028	114 460,299	13,562	13,092
36	32	97 662	7 859,994	106 020,272	13,489	13,019
37	33	97 541	7 319,622	98 160,278	13,411	12,941
38	34	97 415	6 816,000	90 840,656	13,328	12,858
39	35	97 275	6 346,092	84 024,655	13,240	12,770
40	36	97 130	5 908,265	77 678,564	13,147	12,678
41	37	96 962	5 499,369	71 770,298	13,051	12,581
42	38	96 789	5 118,469	66 270,929	12,947	12,478
43	39	96 588	4 762,563	61 152,460	12,840	12,370
44	40	96 373	4 430,705	56 389,897	12,727	12,257
45	41	96 134	4 120,977	51 959,192	12,608	12,139
46	42	95 865	3 831,623	47 838,215	12,485	12,015
47	43	95 576	3 561,845	44 006,592	12,355	11,885
48	44	95 252	3 309,831	40 444,747	12,220	11,750
49	45	94 890	3 074,356	37 134,916	12,079	11,609
50	46	94 487	2 854,335	34 060,560	11,933	11,463
51	47	94 035	2 648,655	31 206,225	11,782	11,312
52	48	93 537	2 456,546	28 557,570	11,625	11,155
53	49	92 974	2 276,702	26 101,024	11,464	10,995
54	50	92 343	2 108,388	23 824,321	11,300	10,830
55	51	91 647	1 951,053	21 715,933	11,130	10,660
56	52	90 883	1 803,985	19 764,880	10,956	10,486
57	53	90 040	1 666,447	17 960,895	10,778	10,308
58	54	89 117	1 537,866	16 294,448	10,595	10,126
59	55	88 099	1 417,525	14 756,582	10,410	9,940
60	56	86 995	1 305,137	13 339,057	10,220	9,751
61	57	85 810	1 200,332	12 033,920	10,025	9,556
62	58	84 528	1 102,474	10 833,588	9,827	9,357
63	59	83 135	1 011,003	9 731,114	9,625	9,155
64	60	81 652	925,848	8 720,111	9,419	8,949
65	61	80 052	846,350	7 794,263	9,209	8,739
66	62	78 381	772,663	6 947,913	8,992	8,522
67	63	76 632	704,350	6 175,250	8,767	8,297
68	64	74 760	640,699	5 470,900	8,539	8,069
69	65	72 827	581,943	4 830,202	8,300	7,830
70	66	70 753	527,150	4 248,259	8,059	7,589
71	67	68 564	476,306	3 721,109	7,812	7,343
72	68	66 243	429,075	3 244,803	7,562	7,092
73	69	63 852	385,629	2 815,728	7,302	6,832
74	70	61 352	345,483	2 430,099	7,034	6,564
75	71	58 730	308,366	2 084,616	6,760	6,290
76	72	55 972	274,016	1 776,251	6,482	6,012
77	73	53 089	242,333	1 502,234	6,199	5,729
78	74	50 111	213,276	1 259,902	5,907	5,437
79	75	46 976	186,418	1 046,626	5,614	5,145
80	76	43 671	161,589	860,208	5,323	4,854
81	77	40 215	138,743	698,619	5,035	4,565
82	78	36 622	117,804	559,876	4,753	4,283
83	79	32 931	98,772	442,072	4,476	4,006
84	80	29 146	81,510	343,300	4,212	3,742
85	81	25 355	66,115	261,790	3,960	3,490
86	82	21 632	52,594	195,675	3,721	3,251
87	83	18 078	40,980	143,081	3,491	3,022
88	84	14 763	31,204	102,101	3,272	2,802
89	85	11 739	23,135	70,896	3,064	2,595
90	86	9 073	16,672	47,761	2,865	2,395
91	87	6 782	11,620	31,089	2,676	2,206
92	88	4 862	7,767	19,469	2,507	2,037
93	89	3 339	4,973	11,702	2,353	1,883
94	90	2 194	3,047	6,729	2,208	1,738
95	91	1 358	1,759	3,682	2,093	1,624
96	92	808	0,975	1,923	1,972	1,503
97	93	451	0,508	0,948	1,867	1,398
98	94	236	0,248	0,440	1,777	1,307
99	95	115	0,113	0,193	1,707	1,237
100	96	53	0,049	0,080	1,641	1,171

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	70 174,308	1 020 537,678	14,543	14,073
6	1	99 264	65 223,973	950 363,370	14,571	14,101
7	2	99 231	60 794,537	885 139,396	14,560	14,090
8	3	99 210	56 673,360	824 344,860	14,546	14,076
9	4	99 191	52 831,694	767 671,499	14,531	14,061
10	5	99 174	49 251,881	714 839,805	14,514	14,044
11	6	99 158	45 915,524	665 587,924	14,496	14,026
12	7	99 143	42 805,037	619 672,400	14,477	14,007
13	8	99 130	39 906,361	576 867,363	14,456	13,986
14	9	99 115	37 202,867	536 961,002	14,433	13,963
15	10	99 096	34 681,554	499 758,135	14,410	13,940
16	11	99 076	32 330,337	465 076,582	14,385	13,915
17	12	99 043	30 134,827	432 746,244	14,360	13,890
18	13	99 006	28 087,280	402 611,417	14,334	13,864
19	14	98 959	26 176,323	374 524,137	14,308	13,838
20	15	98 908	24 394,077	348 347,814	14,280	13,810
21	16	98 851	22 731,963	323 953,737	14,251	13,781
22	17	98 793	21 182,836	301 221,774	14,220	13,750
23	18	98 734	19 739,097	280 038,938	14,187	13,717
24	19	98 668	18 392,555	260 299,840	14,152	13,683
25	20	98 601	17 137,637	241 907,285	14,116	13,646
26	21	98 536	15 968,503	224 769,648	14,076	13,606
27	22	98 473	14 879,528	208 801,146	14,033	13,563
28	23	98 404	13 863,966	193 921,617	13,987	13,518
29	24	98 332	12 917,313	180 057,651	13,939	13,469
30	25	98 259	12 035,177	167 140,339	13,888	13,418
31	26	98 184	11 213,054	155 105,162	13,833	13,363
32	27	98 097	10 445,832	143 892,108	13,775	13,305
33	28	98 007	9 730,755	133 446,276	13,714	13,244
34	29	97 913	9 064,261	123 715,521	13,649	13,179
35	30	97 809	8 442,535	114 651,260	13,580	13,110
36	31	97 693	7 862,504	106 208,725	13,508	13,038
37	32	97 575	7 322,163	98 346,221	13,431	12,961
38	33	97 450	6 818,428	91 024,058	13,350	12,880
39	34	97 313	6 348,575	84 205,631	13,264	12,794
40	35	97 169	5 910,644	77 857,056	13,172	12,702
41	36	97 008	5 501,949	71 946,411	13,077	12,607
42	37	96 834	5 120,826	66 444,462	12,975	12,505
43	38	96 645	4 765,354	61 323,637	12,869	12,399
44	39	96 430	4 433,346	56 558,283	12,757	12,288
45	40	96 200	4 123,776	52 124,937	12,640	12,170
46	41	95 938	3 834,548	48 001,161	12,518	12,048
47	42	95 655	3 564,803	44 166,613	12,390	11,920
48	43	95 338	3 312,812	40 601,810	12,256	11,786
49	44	94 987	3 077,495	37 288,997	12,117	11,647
50	45	94 592	2 857,512	34 211,502	11,972	11,503
51	46	94 154	2 652,022	31 353,990	11,823	11,353
52	47	93 672	2 460,073	28 701,968	11,667	11,197
53	48	93 123	2 280,350	26 241,895	11,508	11,038
54	49	92 511	2 112,215	23 961,545	11,344	10,874
55	50	91 828	1 954,905	21 849,330	11,177	10,707
56	51	91 084	1 807,979	19 894,425	11,004	10,534
57	52	90 262	1 670,549	18 086,446	10,827	10,357
58	53	89 362	1 542,080	16 415,897	10,645	10,175
59	54	88 365	1 421,805	14 873,817	10,461	9,991
60	55	87 284	1 309,476	13 452,013	10,273	9,803
61	56	86 121	1 204,692	12 142,537	10,079	9,609
62	57	84 867	1 106,893	10 937,845	9,882	9,412
63	58	83 503	1 015,482	9 830,952	9,681	9,211
64	59	82 048	930,342	8 815,470	9,476	9,006
65	60	80 486	850,937	7 885,128	9,266	8,797
66	61	78 822	777,010	7 034,191	9,053	8,583
67	62	77 100	708,656	6 257,181	8,830	8,360
68	63	75 256	644,945	5 548,525	8,603	8,133
69	64	73 362	586,215	4 903,580	8,365	7,895
70	65	71 325	531,408	4 317,365	8,124	7,654
71	66	69 168	480,503	3 785,958	7,879	7,409
72	67	66 891	433,275	3 305,455	7,629	7,159
73	68	64 511	389,609	2 872,179	7,372	6,902
74	69	62 045	349,387	2 482,570	7,106	6,636
75	70	59 455	312,169	2 133,184	6,833	6,364
76	71	56 732	277,735	1 821,015	6,557	6,087
77	72	53 865	245,876	1 543,280	6,277	5,807
78	73	50 899	216,630	1 297,404	5,989	5,519
79	74	47 794	189,663	1 080,774	5,698	5,229
80	75	44 520	164,730	891,111	5,410	4,940
81	76	41 113	141,839	726,382	5,121	4,651
82	77	37 540	120,757	584,543	4,841	4,371
83	78	33 884	101,628	463,786	4,564	4,094
84	79	30 139	84,285	362,158	4,297	3,827
85	80	26 368	68,756	277,873	4,041	3,572
86	81	22 629	55,018	209,117	3,801	3,331
87	82	19 036	43,153	154,100	3,571	3,101
88	83	15 673	33,129	110,947	3,349	2,879
89	84	12 585	24,803	77,818	3,138	2,668
90	85	9 832	18,067	53,016	2,934	2,464
91	86	7 444	12,754	34,949	2,740	2,270
92	87	5 409	8,641	22,195	2,568	2,098
93	88	3 772	5,618	13,553	2,412	1,943
94	89	2 525	3,506	7,935	2,263	1,793
95	90	1 594	2,064	4,429	2,146	1,676
96	91	970	1,171	2,365	2,019	1,549
97	92	555	0,625	1,194	1,910	1,440
98	93	299	0,313	0,569	1,815	1,345
99	94	151	0,148	0,255	1,731	1,261
100	95	71	0,065	0,108	1,667	1,197

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	65 424,425	950 830,982	14,533	14,063
7	1	99 254	60 808,587	885 406,557	14,561	14,091
8	2	99 222	56 680,110	824 597,970	14,548	14,078
9	3	99 202	52 837,989	767 917,860	14,533	14,064
10	4	99 183	49 256,360	715 079,871	14,518	14,048
11	5	99 166	45 918,968	665 823,511	14,500	14,030
12	6	99 150	42 807,854	619 904,543	14,481	14,011
13	7	99 135	39 908,329	577 096,689	14,461	13,991
14	8	99 121	37 205,170	537 188,360	14,439	13,969
15	9	99 103	34 683,798	499 983,190	14,415	13,946
16	10	99 082	32 332,253	465 299,392	14,391	13,921
17	11	99 050	30 137,072	432 967,139	14,367	13,897
18	12	99 014	28 089,503	402 830,067	14,341	13,871
19	13	98 968	26 178,567	374 740,564	14,315	13,845
20	14	98 918	24 396,637	348 561,997	14,287	13,817
21	15	98 863	22 734,808	324 165,361	14,259	13,789
22	16	98 807	21 185,825	301 430,553	14,228	13,758
23	17	98 748	19 741,988	280 244,728	14,195	13,725
24	18	98 688	18 396,301	260 502,740	14,161	13,691
25	19	98 621	17 140,945	242 106,438	14,124	13,655
26	20	98 554	15 971,460	224 965,493	14,085	13,616
27	21	98 489	14 881,992	208 994,033	14,043	13,574
28	22	98 421	13 866,365	194 112,040	13,999	13,529
29	23	98 353	12 920,116	180 245,675	13,951	13,481
30	24	98 275	12 037,218	167 325,559	13,901	13,431
31	25	98 202	11 215,145	155 288,341	13,846	13,376
32	26	98 116	10 447,865	144 073,196	13,790	13,320
33	27	98 028	9 732,881	133 625,331	13,729	13,259
34	28	97 937	9 066,523	123 892,450	13,665	13,195
35	29	97 834	8 444,720	114 825,928	13,597	13,127
36	30	97 722	7 864,839	106 381,208	13,526	13,056
37	31	97 606	7 324,501	98 516,369	13,450	12,980
38	32	97 484	6 820,795	91 191,868	13,370	12,900
39	33	97 348	6 350,836	84 371,073	13,285	12,815
40	34	97 207	5 912,957	78 020,237	13,195	12,725
41	35	97 047	5 504,164	72 107,280	13,100	12,631
42	36	96 879	5 123,228	66 603,115	13,000	12,530
43	37	96 689	4 767,548	61 479,888	12,895	12,426
44	38	96 487	4 435,944	56 712,340	12,785	12,315
45	39	96 257	4 126,234	52 276,396	12,669	12,199
46	40	96 003	3 837,152	48 150,162	12,548	12,079
47	41	95 728	3 567,525	44 313,010	12,421	11,951
48	42	95 417	3 315,564	40 745,485	12,289	11,819
49	43	95 073	3 080,267	37 429,921	12,152	11,682
50	44	94 688	2 860,430	34 349,654	12,009	11,539
51	45	94 259	2 654,974	31 489,224	11,860	11,391
52	46	93 791	2 463,201	28 834,250	11,706	11,236
53	47	93 257	2 283,624	26 371,049	11,548	11,078
54	48	92 659	2 115,599	24 087,425	11,386	10,916
55	49	91 995	1 958,453	21 971,827	11,219	10,749
56	50	91 264	1 811,549	20 013,374	11,048	10,578
57	51	90 462	1 674,247	18 201,825	10,872	10,402
58	52	89 581	1 545,876	16 527,578	10,691	10,222
59	53	88 607	1 425,701	14 981,702	10,508	10,038
60	54	87 548	1 313,429	13 556,001	10,321	9,851
61	55	86 408	1 208,697	12 242,573	10,129	9,659
62	56	85 175	1 110,913	11 033,876	9,932	9,462
63	57	83 838	1 019,552	9 922,963	9,733	9,263
64	58	82 412	934,463	8 903,410	9,528	9,058
65	59	80 877	855,067	7 968,947	9,320	8,850
66	60	79 249	781,222	7 113,880	9,106	8,636
67	61	77 534	712,643	6 332,658	8,886	8,416
68	62	75 716	648,888	5 620,015	8,661	8,191
69	63	73 848	590,100	4 971,127	8,424	7,954
70	64	71 848	535,309	4 381,026	8,184	7,714
71	65	69 727	484,384	3 845,718	7,939	7,470
72	66	67 481	437,094	3 361,334	7,690	7,220
73	67	65 142	393,423	2 924,240	7,433	6,963
74	68	62 685	352,992	2 530,818	7,170	6,700
75	69	60 127	315,696	2 177,825	6,898	6,429
76	70	57 431	281,161	1 862,130	6,623	6,153
77	71	54 596	249,213	1 580,969	6,344	5,874
78	72	51 643	219,797	1 331,756	6,059	5,589
79	73	48 545	192,645	1 111,959	5,772	5,302
80	74	45 295	167,597	919,313	5,485	5,015
81	75	41 912	144,596	751,716	5,199	4,729
82	76	38 377	123,451	607,121	4,918	4,448
83	77	34 733	104,175	483,669	4,643	4,173
84	78	31 010	86,722	379,494	4,376	3,906
85	79	27 266	71,096	292,772	4,118	3,648
86	80	23 533	57,215	221,676	3,874	3,405
87	81	19 913	45,142	164,460	3,643	3,173
88	82	16 504	34,885	119,319	3,420	2,950
89	83	13 361	26,332	84,434	3,207	2,737
90	84	10 541	19,369	58,102	3,000	2,530
91	85	8 067	13,821	38,733	2,802	2,333
92	86	5 937	9,485	24,912	2,626	2,157
93	87	4 196	6,251	15,427	2,468	1,998
94	88	2 852	3,961	9,176	2,317	1,847
95	89	1 834	2,375	5,215	2,196	1,726
96	90	1 138	1,374	2,840	2,067	1,597
97	91	667	0,751	1,466	1,953	1,483
98	92	367	0,386	0,715	1,854	1,384
99	93	191	0,187	0,329	1,766	1,296
100	94	93	0,085	0,143	1,689	1,219

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	60 995,468	885 837,361	14,523	14,053
8	1	99 245	56 693,209	824 841,893	14,549	14,079
9	2	99 214	52 844,282	768 148,684	14,536	14,066
10	3	99 194	49 262,229	715 304,402	14,520	14,050
11	4	99 175	45 923,144	666 042,173	14,503	14,034
12	5	99 157	42 811,065	620 119,029	14,485	14,015
13	6	99 142	39 910,956	577 307,964	14,465	13,995
14	7	99 126	37 207,004	537 397,008	14,443	13,974
15	8	99 109	34 685,946	500 190,004	14,421	13,951
16	9	99 088	32 334,345	465 504,058	14,397	13,927
17	10	99 056	30 138,858	433 169,713	14,372	13,903
18	11	99 021	28 091,595	403 030,855	14,347	13,877
19	12	98 976	26 180,638	374 939,260	14,321	13,851
20	13	98 927	24 398,728	348 758,622	14,294	13,824
21	14	98 874	22 737,194	324 359,894	14,266	13,796
22	15	98 819	21 188,476	301 622,700	14,235	13,765
23	16	98 762	19 744,774	280 434,224	14,203	13,733
24	17	98 703	18 398,995	260 689,450	14,169	13,699
25	18	98 641	17 144,437	242 290,455	14,132	13,662
26	19	98 573	15 974,544	225 146,018	14,094	13,624
27	20	98 507	14 884,748	209 171,474	14,053	13,583
28	21	98 437	13 868,661	194 286,726	14,009	13,539
29	22	98 370	12 922,352	180 418,065	13,962	13,492
30	23	98 297	12 039,830	167 495,713	13,912	13,442
31	24	98 219	11 217,047	155 455,882	13,859	13,389
32	25	98 135	10 449,814	144 238,835	13,803	13,333
33	26	98 048	9 734,775	133 789,022	13,743	13,274
34	27	97 959	9 068,503	124 054,247	13,680	13,210
35	28	97 859	8 446,827	114 985,743	13,613	13,143
36	29	97 747	7 866,875	106 538,917	13,543	13,073
37	30	97 635	7 326,677	98 672,042	13,468	12,998
38	31	97 515	6 822,973	91 345,365	13,388	12,918
39	32	97 381	6 353,041	84 522,393	13,304	12,834
40	33	97 241	5 915,063	78 169,352	13,215	12,745
41	34	97 085	5 506,318	72 254,289	13,122	12,652
42	35	96 918	5 125,290	66 747,971	13,023	12,553
43	36	96 735	4 769,784	61 622,680	12,919	12,449
44	37	96 531	4 437,987	56 852,896	12,811	12,341
45	38	96 313	4 128,652	52 414,909	12,695	12,226
46	39	96 060	3 839,439	48 286,257	12,576	12,106
47	40	95 793	3 569,948	44 446,818	12,450	11,980
48	41	95 490	3 318,095	40 876,870	12,319	11,849
49	42	95 152	3 082,826	37 558,776	12,183	11,713
50	43	94 774	2 863,006	34 475,950	12,042	11,572
51	44	94 355	2 657,685	31 612,944	11,895	11,425
52	45	93 895	2 465,943	28 955,258	11,742	11,272
53	46	93 376	2 286,527	26 489,316	11,585	11,115
54	47	92 792	2 118,636	24 202,789	11,424	10,954
55	48	92 142	1 961,591	22 084,153	11,258	10,788
56	49	91 429	1 814,836	20 122,562	11,088	10,618
57	50	90 640	1 677,553	18 307,726	10,913	10,443
58	51	89 780	1 549,298	16 630,174	10,734	10,264
59	52	88 825	1 429,210	15 080,876	10,552	10,082
60	53	87 788	1 317,028	13 651,665	10,366	9,896
61	54	86 669	1 212,345	12 334,637	10,174	9,704
62	55	85 458	1 114,606	11 122,292	9,979	9,509
63	56	84 142	1 023,255	10 007,685	9,780	9,310
64	57	82 742	938,209	8 984,430	9,576	9,106
65	58	81 235	858,855	8 046,221	9,369	8,899
66	59	79 634	785,014	7 187,366	9,156	8,686
67	60	77 954	716,506	6 402,352	8,936	8,466
68	61	76 142	652,539	5 685,847	8,713	8,244
69	62	74 300	593,708	5 033,307	8,478	8,008
70	63	72 324	538,857	4 439,599	8,239	7,769
71	64	70 238	487,940	3 900,743	7,994	7,524
72	65	68 026	440,624	3 412,803	7,745	7,275
73	66	65 716	396,890	2 972,179	7,489	7,019
74	67	63 299	356,448	2 575,289	7,225	6,755
75	68	60 747	318,954	2 218,841	6,957	6,487
76	69	58 080	284,338	1 899,887	6,682	6,212
77	70	55 270	252,287	1 615,550	6,404	5,934
78	71	52 344	222,780	1 363,263	6,119	5,649
79	72	49 255	195,462	1 140,483	5,835	5,365
80	73	46 007	170,233	945,021	5,551	5,081
81	74	42 641	147,113	774,789	5,267	4,797
82	75	39 123	125,851	627,676	4,987	4,518
83	76	35 508	106,500	501,825	4,712	4,242
84	77	31 787	88,896	395,326	4,447	3,977
85	78	28 054	73,152	306,430	4,189	3,719
86	79	24 334	59,163	233,278	3,943	3,473
87	80	20 709	46,945	174,114	3,709	3,239
88	81	17 265	36,493	127,170	3,485	3,015
89	82	14 069	27,728	90,677	3,270	2,800
90	83	11 191	20,564	62,949	3,061	2,591
91	84	8 648	14,817	42,386	2,861	2,391
92	85	6 434	10,278	27,568	2,682	2,212
93	86	4 606	6,861	17,290	2,520	2,050
94	87	3 173	4,407	10,429	2,367	1,897
95	88	2 072	2,683	6,022	2,244	1,775
96	89	1 310	1,581	3,339	2,112	1,642
97	90	782	0,881	1,758	1,996	1,526
98	91	441	0,463	0,877	1,893	1,423
99	92	235	0,230	0,414	1,802	1,332
100	93	117	0,107	0,184	1,721	1,251

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	56 867,443	825 238,783	14,512	14,042
9	1	99 237	52 856,495	768 371,340	14,537	14,067
10	2	99 206	49 268,096	715 514,845	14,523	14,053
11	3	99 187	45 928,616	666 246,750	14,506	14,036
12	4	99 166	42 814,958	620 318,134	14,488	14,018
13	5	99 149	39 913,949	577 503,176	14,469	13,999
14	6	99 132	37 209,454	537 589,227	14,448	13,978
15	7	99 114	34 687,656	500 379,773	14,425	13,955
16	8	99 094	32 336,347	465 692,118	14,402	13,932
17	9	99 062	30 140,808	433 355,771	14,378	13,908
18	10	99 027	28 093,260	403 214,962	14,353	13,883
19	11	98 983	26 182,588	375 121,703	14,327	13,857
20	12	98 934	24 400,659	348 939,114	14,300	13,830
21	13	98 882	22 739,143	324 538,456	14,272	13,802
22	14	98 829	21 190,700	301 799,313	14,242	13,772
23	15	98 774	19 747,245	280 608,613	14,210	13,740
24	16	98 717	18 401,592	260 861,369	14,176	13,706
25	17	98 655	17 146,947	242 459,777	14,140	13,670
26	18	98 593	15 977,798	225 312,830	14,102	13,632
27	19	98 526	14 887,622	209 335,032	14,061	13,591
28	20	98 455	13 871,230	194 447,410	14,018	13,548
29	21	98 386	12 924,492	180 576,180	13,972	13,502
30	22	98 314	12 041,914	167 651,688	13,922	13,452
31	23	98 240	11 219,482	155 609,774	13,870	13,400
32	24	98 151	10 451,586	144 390,293	13,815	13,345
33	25	98 066	9 736,590	133 938,707	13,756	13,286
34	26	97 978	9 070,268	124 202,116	13,693	13,223
35	27	97 880	8 448,672	115 131,848	13,627	13,157
36	28	97 772	7 868,837	106 683,176	13,558	13,088
37	29	97 661	7 328,573	98 814,339	13,483	13,014
38	30	97 544	6 824,999	91 485,766	13,405	12,935
39	31	97 413	6 355,069	84 660,766	13,322	12,852
40	32	97 275	5 917,116	78 305,697	13,234	12,764
41	33	97 119	5 508,279	72 388,580	13,142	12,672
42	34	96 956	5 127,296	66 880,301	13,044	12,574
43	35	96 774	4 771,705	61 753,005	12,941	12,472
44	36	96 576	4 440,068	56 981,300	12,833	12,364
45	37	96 358	4 130,553	52 541,232	12,720	12,250
46	38	96 117	3 841,689	48 410,679	12,601	12,132
47	39	95 850	3 572,075	44 568,990	12,477	12,007
48	40	95 555	3 320,348	40 996,915	12,347	11,877
49	41	95 224	3 085,179	37 676,566	12,212	11,742
50	42	94 852	2 865,384	34 591,387	12,072	11,602
51	43	94 440	2 660,079	31 726,003	11,927	11,457
52	44	93 991	2 468,461	29 065,924	11,775	11,305
53	45	93 480	2 289,072	26 597,463	11,619	11,149
54	46	92 910	2 121,329	24 308,391	11,459	10,989
55	47	92 275	1 964,407	22 187,062	11,295	10,825
56	48	91 576	1 817,744	20 222,655	11,125	10,655
57	49	90 805	1 680,597	18 404,911	10,951	10,482
58	50	89 957	1 552,357	16 724,314	10,773	10,304
59	51	89 022	1 432,374	15 171,957	10,592	10,122
60	52	88 004	1 320,270	13 739,583	10,407	9,937
61	53	86 906	1 215,668	12 419,313	10,216	9,746
62	54	85 716	1 117,971	11 203,645	10,021	9,552
63	55	84 422	1 026,657	10 085,674	9,824	9,354
64	56	83 043	941,616	9 059,017	9,621	9,151
65	57	81 561	862,297	8 117,400	9,414	8,944
66	58	79 987	788,491	7 255,103	9,201	8,731
67	59	78 332	719,983	6 466,612	8,982	8,512
68	60	76 555	656,076	5 746,628	8,759	8,289
69	61	74 718	597,049	5 090,552	8,526	8,056
70	62	72 766	542,151	4 493,503	8,288	7,818
71	63	70 704	491,174	3 951,352	8,045	7,575
72	64	68 525	443,859	3 460,179	7,796	7,326
73	65	66 247	400,095	3 016,320	7,539	7,069
74	66	63 857	359,589	2 616,225	7,276	6,806
75	67	61 342	322,076	2 256,636	7,007	6,537
76	68	58 680	287,272	1 934,559	6,734	6,264
77	69	55 894	255,137	1 647,288	6,456	5,987
78	70	52 989	225,528	1 392,151	6,173	5,703
79	71	49 923	198,115	1 166,623	5,889	5,419
80	72	46 680	172,721	968,508	5,607	5,137
81	73	43 312	149,426	795,787	5,326	4,856
82	74	39 804	128,042	646,360	5,048	4,578
83	75	36 198	108,570	518,319	4,774	4,304
84	76	32 497	90,879	409,749	4,509	4,039
85	77	28 757	74,986	318,870	4,252	3,783
86	78	25 038	60,874	243,884	4,006	3,536
87	79	21 414	48,543	183,010	3,770	3,300
88	80	17 955	37,950	134,467	3,543	3,073
89	81	14 718	29,006	96,517	3,328	2,858
90	82	11 784	21,654	67,511	3,118	2,648
91	83	9 181	15,731	45,858	2,915	2,445
92	84	6 898	11,019	30,127	2,734	2,264
93	85	4 991	7,435	19,107	2,570	2,100
94	86	3 483	4,837	11,673	2,413	1,943
95	87	2 305	2,985	6,836	2,290	1,820
96	88	1 480	1,786	3,850	2,155	1,685
97	89	900	1,014	2,064	2,037	1,567
98	90	518	0,544	1,051	1,932	1,462
99	91	282	0,276	0,507	1,838	1,368
100	92	144	0,132	0,231	1,755	1,285

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	53 018,937	768 736,991	14,499	14,029
10	1	99 229	49 279,482	715 718,053	14,524	14,054
11	2	99 199	45 934,085	666 438,572	14,509	14,039
12	3	99 178	42 820,060	620 504,486	14,491	14,021
13	4	99 158	39 917,579	577 684,426	14,472	14,002
14	5	99 140	37 212,244	537 766,848	14,451	13,981
15	6	99 120	34 689,939	500 554,603	14,429	13,959
16	7	99 099	32 337,941	465 864,664	14,406	13,936
17	8	99 069	30 142,674	433 526,723	14,382	13,913
18	9	99 033	28 095,078	403 384,048	14,358	13,888
19	10	98 989	26 184,140	375 288,971	14,333	13,863
20	11	98 942	24 402,476	349 104,831	14,306	13,836
21	12	98 890	22 740,942	324 702,355	14,278	13,808
22	13	98 838	21 192,516	301 961,413	14,248	13,779
23	14	98 785	19 749,317	280 768,896	14,217	13,747
24	15	98 729	18 403,894	261 019,579	14,183	13,713
25	16	98 669	17 149,367	242 615,685	14,147	13,677
26	17	98 608	15 980,137	225 466,318	14,109	13,639
27	18	98 546	14 890,655	209 486,181	14,068	13,598
28	19	98 474	13 873,908	194 595,526	14,026	13,556
29	20	98 405	12 926,886	180 721,619	13,980	13,510
30	21	98 330	12 043,908	167 794,733	13,932	13,462
31	22	98 257	11 221,423	155 750,825	13,880	13,410
32	23	98 173	10 453,854	144 529,402	13,825	13,356
33	24	98 082	9 738,242	134 075,548	13,768	13,298
34	25	97 996	9 071,960	124 337,306	13,706	13,236
35	26	97 899	8 450,316	115 265,346	13,640	13,170
36	27	97 793	7 870,556	106 815,030	13,571	13,102
37	28	97 685	7 330,401	98 944,473	13,498	13,028
38	29	97 569	6 826,766	91 614,072	13,420	12,950
39	30	97 442	6 356,957	84 787,306	13,338	12,868
40	31	97 306	5 919,006	78 430,349	13,251	12,781
41	32	97 153	5 510,191	72 511,343	13,159	12,690
42	33	96 991	5 129,122	67 001,152	13,063	12,593
43	34	96 812	4 773,572	61 872,030	12,961	12,491
44	35	96 615	4 441,856	57 098,458	12,855	12,385
45	36	96 403	4 132,490	52 656,602	12,742	12,272
46	37	96 161	3 843,458	48 524,111	12,625	12,155
47	38	95 907	3 574,169	44 680,653	12,501	12,031
48	39	95 612	3 322,328	41 106,485	12,373	11,903
49	40	95 289	3 087,275	37 784,157	12,239	11,769
50	41	94 925	2 867,572	34 696,883	12,100	11,630
51	42	94 519	2 662,288	31 829,311	11,956	11,486
52	43	94 076	2 470,684	29 167,023	11,805	11,335
53	44	93 575	2 291,410	26 696,339	11,651	11,181
54	45	93 013	2 123,691	24 404,929	11,492	11,022
55	46	92 392	1 966,904	22 281,238	11,328	10,858
56	47	91 707	1 820,353	20 314,334	11,160	10,690
57	48	90 950	1 683,289	18 493,981	10,987	10,517
58	49	90 120	1 555,174	16 810,691	10,810	10,340
59	50	89 198	1 435,202	15 255,517	10,630	10,160
60	51	88 198	1 323,193	13 820,315	10,445	9,975
61	52	87 120	1 218,660	12 497,122	10,255	9,785
62	53	85 951	1 121,035	11 278,462	10,061	9,591
63	54	84 677	1 029,756	10 157,427	9,864	9,394
64	55	83 319	944,747	9 127,670	9,662	9,192
65	56	81 857	865,429	8 182,924	9,455	8,985
66	57	80 307	791,652	7 317,494	9,243	8,773
67	58	78 679	723,173	6 525,843	9,024	8,554
68	59	76 926	659,260	5 802,670	8,802	8,332
69	60	75 123	600,285	5 143,409	8,568	8,098
70	61	73 176	545,202	4 543,124	8,333	7,863
71	62	71 136	494,177	3 997,923	8,090	7,620
72	63	68 979	446,800	3 503,746	7,842	7,372
73	64	66 733	403,032	3 056,946	7,585	7,115
74	65	64 372	362,493	2 653,913	7,321	6,851
75	66	61 882	324,914	2 291,420	7,052	6,582
76	67	59 254	290,084	1 966,505	6,779	6,309
77	68	56 471	257,770	1 676,421	6,504	6,034
78	69	53 588	228,076	1 418,651	6,220	5,750
79	70	50 539	200,558	1 190,575	5,936	5,466
80	71	47 313	175,066	990,017	5,655	5,185
81	72	43 945	151,611	814,951	5,375	4,905
82	73	40 430	130,055	663,341	5,100	4,631
83	74	36 828	110,459	533,286	4,828	4,358
84	75	33 128	92,646	422,826	4,564	4,094
85	76	29 399	76,659	330,180	4,307	3,837
86	77	25 665	62,400	253,521	4,063	3,593
87	78	22 033	49,947	191,122	3,827	3,357
88	79	18 566	39,242	141,175	3,598	3,128
89	80	15 306	30,164	101,933	3,379	2,909
90	81	12 327	22,652	71,769	3,168	2,698
91	82	9 668	16,565	49,117	2,965	2,495
92	83	7 323	11,699	32,552	2,783	2,313
93	84	5 351	7,970	20,853	2,616	2,146
94	85	3 774	5,242	12,883	2,458	1,988
95	86	2 530	3,277	7,641	2,332	1,862
96	87	1 646	1,988	4,365	2,196	1,726
97	88	1 017	1,145	2,377	2,076	1,606
98	89	596	0,626	1,232	1,969	1,499
99	90	331	0,324	0,606	1,874	1,404
100	91	173	0,158	0,283	1,787	1,318

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	49 430,931	716 054,934	14,486	14,016
11	1	99 221	45 944,701	666 624,002	14,509	14,039
12	2	99 190	42 825,159	620 679,301	14,493	14,023
13	3	99 170	39 922,335	577 854,142	14,474	14,005
14	4	99 149	37 215,628	537 931,807	14,454	13,985
15	5	99 128	34 692,541	500 716,178	14,433	13,963
16	6	99 106	32 340,070	466 023,637	14,410	13,940
17	7	99 073	30 144,160	433 683,567	14,387	13,917
18	8	99 040	28 096,817	403 539,407	14,362	13,893
19	9	98 995	26 185,834	375 442,590	14,338	13,868
20	10	98 948	24 403,922	349 256,755	14,312	13,842
21	11	98 897	22 742,636	324 852,833	14,284	13,814
22	12	98 846	21 194,193	302 110,197	14,254	13,784
23	13	98 793	19 751,010	280 916,004	14,223	13,753
24	14	98 739	18 405,825	261 164,994	14,189	13,719
25	15	98 681	17 151,513	242 759,169	14,154	13,684
26	16	98 622	15 982,393	225 607,656	14,116	13,646
27	17	98 561	14 892,835	209 625,263	14,076	13,606
28	18	98 494	13 876,734	194 732,428	14,033	13,563
29	19	98 424	12 929,381	180 855,695	13,988	13,518
30	20	98 348	12 046,139	167 926,314	13,940	13,470
31	21	98 273	11 223,281	155 880,175	13,889	13,419
32	22	98 190	10 455,664	144 656,893	13,835	13,365
33	23	98 104	9 740,355	134 201,230	13,778	13,308
34	24	98 013	9 073,498	124 460,875	13,717	13,247
35	25	97 917	8 451,892	115 387,376	13,652	13,182
36	26	97 812	7 872,088	106 935,484	13,584	13,114
37	27	97 706	7 332,003	99 063,396	13,511	13,041
38	28	97 593	6 828,469	91 731,393	13,434	12,964
39	29	97 467	6 358,603	84 902,924	13,352	12,883
40	30	97 335	5 920,764	78 544,322	13,266	12,796
41	31	97 184	5 511,951	72 623,558	13,176	12,706
42	32	97 024	5 130,903	67 111,607	13,080	12,610
43	33	96 846	4 775,272	61 980,704	12,980	12,510
44	34	96 653	4 443,594	57 205,432	12,874	12,404
45	35	96 442	4 134,154	52 761,838	12,762	12,293
46	36	96 206	3 845,261	48 627,684	12,646	12,176
47	37	95 951	3 575,814	44 782,423	12,524	12,054
48	38	95 668	3 324,274	41 206,609	12,396	11,926
49	39	95 346	3 089,115	37 882,334	12,263	11,793
50	40	94 989	2 869,519	34 793,219	12,125	11,655
51	41	94 591	2 664,321	31 923,700	11,982	11,512
52	42	94 154	2 472,736	29 259,379	11,833	11,363
53	43	93 659	2 293,474	26 786,643	11,680	11,210
54	44	93 108	2 125,859	24 493,170	11,522	11,052
55	45	92 495	1 969,094	22 367,311	11,359	10,889
56	46	91 824	1 822,668	20 398,217	11,191	10,722
57	47	91 081	1 685,706	18 575,549	11,019	10,550
58	48	90 265	1 557,666	16 889,843	10,843	10,373
59	49	89 360	1 437,807	15 332,177	10,664	10,194
60	50	88 373	1 325,805	13 894,370	10,480	10,010
61	51	87 313	1 221,358	12 568,565	10,291	9,821
62	52	86 163	1 123,794	11 347,207	10,097	9,627
63	53	84 909	1 032,579	10 223,413	9,901	9,431
64	54	83 570	947,599	9 190,835	9,699	9,229
65	55	82 129	868,306	8 243,236	9,493	9,024
66	56	80 599	794,527	7 374,930	9,282	8,812
67	57	78 995	726,072	6 580,402	9,063	8,593
68	58	77 267	662,181	5 854,331	8,841	8,371
69	59	75 487	603,198	5 192,150	8,608	8,138
70	60	73 573	548,157	4 588,951	8,372	7,902
71	61	71 536	496,957	4 040,795	8,131	7,661
72	62	69 401	449,532	3 543,838	7,883	7,413
73	63	67 176	405,704	3 094,305	7,627	7,157
74	64	64 845	365,154	2 688,602	7,363	6,893
75	65	62 382	327,539	2 323,447	7,094	6,624
76	66	59 776	292,640	1 995,909	6,820	6,350
77	67	57 024	260,293	1 703,268	6,544	6,074
78	68	54 141	230,430	1 442,975	6,262	5,792
79	69	51 110	202,824	1 212,545	5,978	5,508
80	70	47 897	177,225	1 009,721	5,697	5,228
81	71	44 542	153,668	832,496	5,417	4,948
82	72	41 021	131,957	678,828	5,144	4,674
83	73	37 407	112,197	546,871	4,874	4,404
84	74	33 705	94,259	434,674	4,612	4,142
85	75	29 970	78,149	340,416	4,356	3,886
86	76	26 238	63,792	262,267	4,111	3,641
87	77	22 585	51,198	198,475	3,877	3,407
88	78	19 103	40,377	147,277	3,648	3,178
89	79	15 827	31,191	106,900	3,427	2,957
90	80	12 819	23,557	75,708	3,214	2,744
91	81	10 114	17,328	52,152	3,010	2,540
92	82	7 711	12,319	34,824	2,827	2,357
93	83	5 681	8,462	22,505	2,660	2,190
94	84	4 046	5,620	14,043	2,499	2,029
95	85	2 742	3,551	8,423	2,372	1,902
96	86	1 807	2,182	4,872	2,233	1,764
97	87	1 132	1,274	2,691	2,112	1,642
98	88	673	0,707	1,417	2,005	1,535
99	89	380	0,372	0,710	1,907	1,438
100	90	203	0,186	0,338	1,820	1,350

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	46 085,902	666 934,391	14,472	14,002
12	1	99 213	42 835,057	620 848,489	14,494	14,024
13	2	99 182	39 927,090	578 013,432	14,477	14,007
14	3	99 161	37 220,063	538 086,342	14,457	13,987
15	4	99 137	34 695,696	500 866,280	14,436	13,966
16	5	99 113	32 342,496	466 170,584	14,414	13,944
17	6	99 080	30 146,145	433 828,088	14,391	13,921
18	7	99 044	28 098,202	403 681,944	14,367	13,897
19	8	99 002	26 187,456	375 583,741	14,342	13,872
20	9	98 954	24 405,501	349 396,286	14,316	13,846
21	10	98 903	22 743,984	324 990,784	14,289	13,819
22	11	98 853	21 195,772	302 246,801	14,260	13,790
23	12	98 801	19 752,573	281 051,029	14,229	13,759
24	13	98 748	18 407,403	261 298,456	14,195	13,725
25	14	98 692	17 153,313	242 891,053	14,160	13,690
26	15	98 634	15 984,392	225 737,740	14,122	13,652
27	16	98 575	14 894,937	209 753,348	14,082	13,612
28	17	98 509	13 878,766	194 858,411	14,040	13,570
29	18	98 444	12 932,015	180 979,645	13,995	13,525
30	19	98 367	12 048,464	168 047,631	13,948	13,478
31	20	98 292	11 225,360	155 999,166	13,897	13,427
32	21	98 206	10 457,395	144 773,806	13,844	13,374
33	22	98 121	9 742,041	134 316,411	13,787	13,317
34	23	98 034	9 075,468	124 574,370	13,726	13,257
35	24	97 934	8 453,326	115 498,903	13,663	13,193
36	25	97 830	7 873,556	107 045,577	13,596	13,126
37	26	97 725	7 333,430	99 172,021	13,523	13,053
38	27	97 615	6 829,961	91 838,591	13,446	12,977
39	28	97 491	6 360,189	85 008,630	13,366	12,896
40	29	97 360	5 922,296	78 648,442	13,280	12,810
41	30	97 213	5 513,588	72 726,145	13,190	12,720
42	31	97 055	5 132,541	67 212,557	13,095	12,625
43	32	96 880	4 776,930	62 080,016	12,996	12,526
44	33	96 687	4 445,177	57 303,086	12,891	12,421
45	34	96 480	4 135,772	52 857,909	12,781	12,311
46	35	96 245	3 846,809	48 722,138	12,666	12,196
47	36	95 996	3 577,492	44 875,328	12,544	12,074
48	37	95 712	3 325,805	41 297,837	12,417	11,947
49	38	95 402	3 090,925	37 972,032	12,285	11,815
50	39	95 046	2 871,229	34 881,107	12,148	11,679
51	40	94 655	2 666,130	32 009,877	12,006	11,536
52	41	94 226	2 474,624	29 343,747	11,858	11,388
53	42	93 737	2 295,378	26 869,123	11,706	11,236
54	43	93 192	2 127,774	24 573,745	11,549	11,079
55	44	92 589	1 971,104	22 445,971	11,388	10,918
56	45	91 926	1 824,697	20 474,866	11,221	10,751
57	46	91 197	1 687,849	18 650,170	11,050	10,580
58	47	90 394	1 559,902	16 962,321	10,874	10,404
59	48	89 503	1 440,110	15 402,419	10,695	10,225
60	49	88 533	1 328,211	13 962,308	10,512	10,042
61	50	87 485	1 223,770	12 634,097	10,324	9,854
62	51	86 353	1 126,282	11 410,327	10,131	9,661
63	52	85 118	1 035,120	10 284,045	9,935	9,465
64	53	83 799	950,196	9 248,925	9,734	9,264
65	54	82 377	870,928	8 298,730	9,529	9,059
66	55	80 867	797,169	7 427,802	9,318	8,848
67	56	79 282	728,709	6 630,634	9,099	8,629
68	57	77 577	664,835	5 901,925	8,877	8,407
69	58	75 822	605,871	5 237,090	8,644	8,174
70	59	73 930	550,817	4 631,219	8,408	7,938
71	60	71 924	499,651	4 080,402	8,167	7,697
72	61	69 792	452,061	3 580,751	7,921	7,451
73	62	67 586	408,184	3 128,690	7,665	7,195
74	63	65 275	367,575	2 720,506	7,401	6,931
75	64	62 840	329,943	2 352,931	7,131	6,661
76	65	60 259	295,004	2 022,988	6,857	6,388
77	66	57 526	262,587	1 727,984	6,581	6,111
78	67	54 671	232,685	1 465,396	6,298	5,828
79	68	51 638	204,917	1 232,711	6,016	5,546
80	69	48 438	179,227	1 027,794	5,735	5,265
81	70	45 091	155,564	848,566	5,455	4,985
82	71	41 578	133,748	693,003	5,181	4,712
83	72	37 954	113,837	559,255	4,913	4,443
84	73	34 235	95,741	445,418	4,652	4,182
85	74	30 492	79,509	349,677	4,398	3,928
86	75	26 748	65,032	270,168	4,154	3,684
87	76	23 089	52,341	205,136	3,919	3,449
88	77	19 582	41,389	152,796	3,692	3,222
89	78	16 284	32,093	111,407	3,471	3,001
90	79	13 256	24,358	79,313	3,256	2,786
91	80	10 518	18,020	54,955	3,050	2,580
92	81	8 067	12,887	36,935	2,866	2,396
93	82	5 982	8,911	24,048	2,699	2,229
94	83	4 296	5,966	15,137	2,537	2,067
95	84	2 940	3,807	9,171	2,409	1,939
96	85	1 958	2,364	5,365	2,269	1,799
97	86	1 242	1,398	3,001	2,146	1,676
98	87	749	0,786	1,602	2,038	1,568
99	88	430	0,421	0,816	1,940	1,470
100	89	234	0,214	0,395	1,851	1,381

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	42 966,701	621 134,483	14,456	13,986
13	1	99 205	39 936,317	578 167,782	14,477	14,007
14	2	99 172	37 224,495	538 231,465	14,459	13,989
15	3	99 149	34 699,830	501 006,969	14,438	13,968
16	4	99 122	32 345,437	466 307,140	14,416	13,947
17	5	99 087	30 148,406	433 961,703	14,394	13,924
18	6	99 051	28 100,052	403 813,297	14,371	13,901
19	7	99 006	26 188,747	375 713,245	14,346	13,876
20	8	98 960	24 407,012	349 524,498	14,321	13,851
21	9	98 909	22 745,455	325 117,486	14,294	13,824
22	10	98 859	21 197,028	302 372,031	14,265	13,795
23	11	98 808	19 754,044	281 175,003	14,234	13,764
24	12	98 756	18 408,860	261 420,959	14,201	13,731
25	13	98 700	17 154,783	243 012,099	14,166	13,696
26	14	98 644	15 986,070	225 857,316	14,128	13,658
27	15	98 587	14 896,800	209 871,246	14,088	13,618
28	16	98 523	13 880,724	194 974,445	14,046	13,577
29	17	98 458	12 933,909	181 093,721	14,001	13,532
30	18	98 387	12 050,918	168 159,813	13,954	13,484
31	19	98 311	11 227,527	156 108,894	13,904	13,434
32	20	98 224	10 459,332	144 881,367	13,852	13,382
33	21	98 137	9 743,654	134 422,036	13,796	13,326
34	22	98 051	9 077,038	124 678,381	13,736	13,266
35	23	97 955	8 455,160	115 601,343	13,672	13,202
36	24	97 847	7 874,892	107 146,183	13,606	13,136
37	25	97 744	7 334,797	99 271,291	13,534	13,064
38	26	97 634	6 831,290	91 936,494	13,458	12,988
39	27	97 512	6 361,578	85 105,204	13,378	12,908
40	28	97 385	5 923,774	78 743,626	13,293	12,823
41	29	97 238	5 515,015	72 819,852	13,204	12,734
42	30	97 084	5 134,065	67 304,837	13,109	12,640
43	31	96 911	4 778,455	62 170,771	13,011	12,541
44	32	96 721	4 446,720	57 392,316	12,907	12,437
45	33	96 514	4 137,245	52 945,596	12,797	12,327
46	34	96 282	3 848,314	48 808,351	12,683	12,213
47	35	96 034	3 578,932	44 960,037	12,562	12,093
48	36	95 757	3 327,365	41 381,105	12,437	11,967
49	37	95 446	3 092,348	38 053,740	12,306	11,836
50	38	95 102	2 872,912	34 961,391	12,169	11,699
51	39	94 711	2 667,720	32 088,479	12,028	11,559
52	40	94 290	2 476,304	29 420,760	11,881	11,411
53	41	93 809	2 297,131	26 944,455	11,730	11,260
54	42	93 270	2 129,541	24 647,325	11,574	11,104
55	43	92 673	1 972,880	22 517,783	11,414	10,944
56	44	92 020	1 826,560	20 544,904	11,248	10,778
57	45	91 298	1 689,728	18 718,344	11,078	10,608
58	46	90 509	1 561,885	17 028,616	10,903	10,433
59	47	89 631	1 442,178	15 466,731	10,725	10,255
60	48	88 675	1 330,339	14 024,553	10,542	10,072
61	49	87 644	1 225,990	12 694,213	10,354	9,884
62	50	86 524	1 128,506	11 468,223	10,162	9,692
63	51	85 306	1 037,411	10 339,717	9,967	9,497
64	52	84 006	952,534	9 302,306	9,766	9,296
65	53	82 603	873,314	8 349,771	9,561	9,091
66	54	81 111	799,575	7 476,457	9,351	8,881
67	55	79 545	731,131	6 676,882	9,132	8,662
68	56	77 858	667,250	5 945,751	8,911	8,441
69	57	76 126	608,299	5 278,501	8,677	8,208
70	58	74 257	553,257	4 670,202	8,441	7,971
71	59	72 273	502,076	4 116,945	8,200	7,730
72	60	70 170	454,512	3 614,869	7,953	7,483
73	61	67 967	410,481	3 160,357	7,699	7,229
74	62	65 674	369,822	2 749,876	7,436	6,966
75	63	63 257	332,130	2 380,054	7,166	6,696
76	64	60 701	297,170	2 047,924	6,891	6,422
77	65	57 991	264,708	1 750,755	6,614	6,144
78	66	55 153	234,736	1 486,046	6,331	5,861
79	67	52 143	206,923	1 251,311	6,047	5,577
80	68	48 938	181,077	1 044,387	5,768	5,298
81	69	45 600	157,321	863,310	5,488	5,018
82	70	42 091	135,397	705,989	5,214	4,744
83	71	38 469	115,382	570,592	4,945	4,475
84	72	34 736	97,141	455,210	4,686	4,216
85	73	30 972	80,759	358,069	4,434	3,964
86	74	27 214	66,164	277,310	4,191	3,721
87	75	23 538	53,358	211,146	3,957	3,487
88	76	20 018	42,312	157,788	3,729	3,259
89	77	16 693	32,898	115,475	3,510	3,040
90	78	13 639	25,063	82,578	3,295	2,825
91	79	10 876	18,634	57,515	3,087	2,617
92	80	8 389	13,401	38,881	2,901	2,431
93	81	6 258	9,321	25,480	2,733	2,264
94	82	4 523	6,282	16,158	2,572	2,102
95	83	3 121	4,041	9,876	2,444	1,974
96	84	2 099	2,534	5,835	2,302	1,832
97	85	1 346	1,515	3,300	2,178	1,708
98	86	822	0,863	1,785	2,068	1,598
99	87	478	0,468	0,922	1,970	1,500
100	88	264	0,241	0,454	1,880	1,411

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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11						
12						
13	0	99 510	40 059,052	578 431,316	14,439	13,970
14	1	99 195	37 233,098	538 372,263	14,460	13,990
15	2	99 160	34 703,962	501 139,165	14,440	13,971
16	3	99 134	32 349,291	466 435,203	14,419	13,949
17	4	99 096	30 151,147	434 085,912	14,397	13,927
18	5	99 058	28 102,159	403 934,765	14,374	13,904
19	6	99 013	26 190,471	375 832,605	14,350	13,880
20	7	98 965	24 408,216	349 642,134	14,325	13,855
21	8	98 916	22 746,864	325 233,919	14,298	13,828
22	9	98 865	21 198,400	302 487,055	14,269	13,799
23	10	98 814	19 755,215	281 288,655	14,239	13,769
24	11	98 763	18 410,231	261 533,441	14,206	13,736
25	12	98 708	17 156,141	243 123,210	14,171	13,701
26	13	98 653	15 987,440	225 967,069	14,134	13,664
27	14	98 597	14 898,364	209 979,629	14,094	13,624
28	15	98 535	13 882,461	195 081,265	14,052	13,582
29	16	98 472	12 935,734	181 198,804	14,008	13,538
30	17	98 402	12 052,683	168 263,070	13,961	13,491
31	18	98 331	11 229,814	156 210,387	13,910	13,440
32	19	98 243	10 461,351	144 980,573	13,859	13,389
33	20	98 155	9 745,459	134 519,222	13,803	13,333
34	21	98 067	9 078,541	124 773,764	13,744	13,274
35	22	97 972	8 456,624	115 695,222	13,681	13,211
36	23	97 868	7 876,601	107 238,599	13,615	13,145
37	24	97 760	7 336,041	99 361,998	13,544	13,074
38	25	97 652	6 832,564	92 025,957	13,469	12,999
39	26	97 531	6 362,816	85 193,393	13,389	12,919
40	27	97 406	5 925,068	78 830,576	13,305	12,835
41	28	97 262	5 516,391	72 905,508	13,216	12,746
42	29	97 109	5 135,394	67 389,117	13,122	12,653
43	30	96 939	4 779,875	62 253,723	13,024	12,554
44	31	96 752	4 448,140	57 473,848	12,921	12,451
45	32	96 547	4 138,681	53 025,709	12,812	12,342
46	33	96 317	3 849,685	48 887,028	12,699	12,229
47	34	96 072	3 580,332	45 037,343	12,579	12,109
48	35	95 796	3 328,705	41 457,010	12,454	11,984
49	36	95 490	3 093,799	38 128,305	12,324	11,854
50	37	95 145	2 874,235	35 034,507	12,189	11,719
51	38	94 767	2 669,283	32 160,272	12,048	11,578
52	39	94 346	2 477,780	29 490,989	11,902	11,432
53	40	93 872	2 298,691	27 013,208	11,752	11,282
54	41	93 341	2 131,167	24 714,518	11,597	11,127
55	42	92 750	1 974,518	22 583,351	11,437	10,968
56	43	92 103	1 828,205	20 608,832	11,273	10,803
57	44	91 392	1 691,453	18 780,627	11,103	10,633
58	45	90 610	1 563,624	17 089,174	10,929	10,459
59	46	89 745	1 444,011	15 525,550	10,752	10,282
60	47	88 802	1 332,249	14 081,539	10,570	10,100
61	48	87 784	1 227,955	12 749,290	10,383	9,913
62	49	86 681	1 130,554	11 521,335	10,191	9,721
63	50	85 475	1 039,460	10 390,781	9,996	9,526
64	51	84 191	954,643	9 351,321	9,796	9,326
65	52	82 806	875,464	8 396,678	9,591	9,121
66	53	81 334	801,766	7 521,214	9,381	8,911
67	54	79 785	733,338	6 719,448	9,163	8,693
68	55	78 117	669,468	5 986,110	8,942	8,472
69	56	76 402	610,508	5 316,642	8,709	8,239
70	57	74 555	555,475	4 706,133	8,472	8,002
71	58	72 593	504,300	4 150,658	8,231	7,761
72	59	70 510	456,718	3 646,358	7,984	7,514
73	60	68 335	412,706	3 189,641	7,729	7,259
74	61	66 043	371,903	2 776,935	7,467	6,997
75	62	63 643	334,161	2 405,032	7,197	6,727
76	63	61 104	299,139	2 070,871	6,923	6,453
77	64	58 417	266,651	1 771,732	6,644	6,174
78	65	55 598	236,632	1 505,081	6,360	5,891
79	66	52 603	208,747	1 268,449	6,076	5,607
80	67	49 417	182,849	1 059,702	5,795	5,326
81	68	46 071	158,945	876,853	5,517	5,047
82	69	42 566	136,927	717,908	5,243	4,773
83	70	38 944	116,805	580,981	4,974	4,504
84	71	35 207	98,459	464,176	4,714	4,245
85	72	31 424	81,940	365,717	4,463	3,993
86	73	27 642	67,204	283,776	4,223	3,753
87	74	23 948	54,287	216,572	3,989	3,519
88	75	20 408	43,135	162,285	3,762	3,292
89	76	17 065	33,632	119,150	3,543	3,073
90	77	13 981	25,691	85,519	3,329	2,859
91	78	11 190	19,173	59,828	3,120	2,651
92	79	8 674	13,858	40,655	2,934	2,464
93	80	6 508	9,694	26,797	2,764	2,295
94	81	4 732	6,572	17,104	2,603	2,133
95	82	3 286	4,256	10,532	2,475	2,005
96	83	2 228	2,691	6,276	2,333	1,863
97	84	1 443	1,624	3,586	2,207	1,737
98	85	891	0,935	1,961	2,097	1,627
99	86	525	0,514	1,026	1,997	1,527
100	87	294	0,269	0,512	1,907	1,438

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	37 347,526	538 615,114	14,422	13,952
15	1	99 183	34 711,983	501 267,588	14,441	13,971
16	2	99 146	32 353,143	466 555,605	14,421	13,951
17	3	99 108	30 154,740	434 202,462	14,399	13,929
18	4	99 067	28 104,715	404 047,722	14,377	13,907
19	5	99 020	26 192,435	375 943,007	14,353	13,883
20	6	98 972	24 409,823	349 750,572	14,328	13,858
21	7	98 920	22 747,985	325 340,749	14,302	13,832
22	8	98 871	21 199,712	302 592,764	14,273	13,804
23	9	98 821	19 756,493	281 393,052	14,243	13,773
24	10	98 769	18 411,322	261 636,559	14,211	13,741
25	11	98 715	17 157,419	243 225,237	14,176	13,706
26	12	98 660	15 988,705	226 067,819	14,139	13,669
27	13	98 606	14 899,641	210 079,114	14,100	13,630
28	14	98 545	13 883,918	195 179,473	14,058	13,588
29	15	98 484	12 937,352	181 295,555	14,013	13,543
30	16	98 416	12 054,384	168 358,202	13,967	13,497
31	17	98 345	11 231,459	156 303,818	13,917	13,447
32	18	98 263	10 463,482	145 072,360	13,865	13,395
33	19	98 174	9 747,340	134 608,878	13,810	13,340
34	20	98 085	9 080,223	124 861,538	13,751	13,281
35	21	97 988	8 458,024	115 781,315	13,689	13,219
36	22	97 885	7 877,964	107 323,291	13,623	13,153
37	23	97 781	7 337,633	99 445,327	13,553	13,083
38	24	97 669	6 833,723	92 107,694	13,478	13,009
39	25	97 550	6 364,003	85 273,971	13,399	12,930
40	26	97 425	5 926,221	78 909,968	13,315	12,845
41	27	97 284	5 517,596	72 983,747	13,227	12,758
42	28	97 133	5 136,675	67 466,151	13,134	12,664
43	29	96 965	4 781,112	62 329,476	13,037	12,567
44	30	96 781	4 449,461	57 548,364	12,934	12,464
45	31	96 578	4 140,003	53 098,903	12,826	12,356
46	32	96 350	3 851,022	48 958,900	12,713	12,243
47	33	96 106	3 581,608	45 107,879	12,594	12,124
48	34	95 833	3 330,007	41 526,271	12,470	12,000
49	35	95 529	3 095,044	38 196,264	12,341	11,871
50	36	95 190	2 875,583	35 101,219	12,207	11,737
51	37	94 811	2 670,512	32 225,636	12,067	11,597
52	38	94 401	2 479,232	29 555,124	11,921	11,451
53	39	93 928	2 300,061	27 075,892	11,772	11,302
54	40	93 404	2 132,614	24 775,831	11,618	11,148
55	41	92 821	1 976,026	22 643,216	11,459	10,989
56	42	92 179	1 829,723	20 667,191	11,295	10,825
57	43	91 474	1 692,977	18 837,467	11,127	10,657
58	44	90 702	1 565,221	17 144,491	10,953	10,484
59	45	89 845	1 445,619	15 579,270	10,777	10,307
60	46	88 915	1 333,943	14 133,651	10,595	10,125
61	47	87 910	1 229,717	12 799,708	10,409	9,939
62	48	86 820	1 132,365	11 569,991	10,218	9,748
63	49	85 630	1 041,346	10 437,626	10,023	9,553
64	50	84 358	956,528	9 396,280	9,823	9,353
65	51	82 990	877,402	8 439,752	9,619	9,149
66	52	81 534	803,740	7 562,350	9,409	8,939
67	53	80 004	735,348	6 758,610	9,191	8,721
68	54	78 353	671,489	6 023,262	8,970	8,500
69	55	76 656	612,538	5 351,773	8,737	8,267
70	56	74 826	557,492	4 739,235	8,501	8,031
71	57	72 884	506,322	4 181,742	8,259	7,789
72	58	70 823	458,741	3 675,421	8,012	7,542
73	59	68 667	414,709	3 216,680	7,756	7,287
74	60	66 401	373,919	2 801,971	7,494	7,024
75	61	64 001	336,041	2 428,053	7,225	6,756
76	62	61 477	300,968	2 092,012	6,951	6,481
77	63	58 804	268,419	1 791,044	6,673	6,203
78	64	56 007	238,369	1 522,625	6,388	5,918
79	65	53 027	210,433	1 284,256	6,103	5,633
80	66	49 853	184,461	1 073,823	5,821	5,352
81	67	46 522	160,501	889,362	5,541	5,071
82	68	43 006	138,340	728,861	5,269	4,799
83	69	39 384	118,125	590,521	4,999	4,529
84	70	35 641	99,673	472,397	4,739	4,270
85	71	31 851	83,052	372,723	4,488	4,018
86	72	28 046	68,187	289,671	4,248	3,778
87	73	24 324	55,141	221,484	4,017	3,547
88	74	20 763	43,886	166,343	3,790	3,320
89	75	17 397	34,285	122,458	3,572	3,102
90	76	14 293	26,264	88,172	3,357	2,887
91	77	11 471	19,653	61,908	3,150	2,680
92	78	8 925	14,258	42,255	2,964	2,494
93	79	6 729	10,024	27,997	2,793	2,323
94	80	4 921	6,834	17,973	2,630	2,160
95	81	3 438	4,452	11,138	2,502	2,032
96	82	2 347	2,833	6,687	2,360	1,890
97	83	1 532	1,725	3,853	2,234	1,765
98	84	955	1,003	2,129	2,123	1,653
99	85	569	0,557	1,126	2,023	1,553
100	86	323	0,295	0,569	1,932	1,462

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	34 818,662	501 491,389	14,403	13,933
16	1	99 168	32 360,620	466 672,727	14,421	13,951
17	2	99 120	30 158,331	434 312,106	14,401	13,931
18	3	99 079	28 108,064	404 153,775	14,379	13,909
19	4	99 029	26 194,817	376 045,711	14,356	13,886
20	5	98 979	24 411,653	349 850,894	14,331	13,861
21	6	98 927	22 749,483	325 439,241	14,305	13,835
22	7	98 876	21 200,757	302 689,758	14,277	13,807
23	8	98 827	19 757,716	281 489,001	14,247	13,777
24	9	98 775	18 412,513	261 731,285	14,215	13,745
25	10	98 721	17 158,435	243 318,772	14,181	13,711
26	11	98 668	15 989,896	226 160,336	14,144	13,674
27	12	98 614	14 900,820	210 170,440	14,105	13,635
28	13	98 554	13 885,108	195 269,620	14,063	13,593
29	14	98 495	12 938,710	181 384,512	14,019	13,549
30	15	98 428	12 055,892	168 445,802	13,972	13,502
31	16	98 359	11 233,044	156 389,910	13,922	13,452
32	17	98 277	10 465,014	145 156,867	13,871	13,401
33	18	98 194	9 749,326	134 691,853	13,816	13,346
34	19	98 104	9 081,976	124 942,527	13,757	13,287
35	20	98 006	8 459,590	115 860,551	13,696	13,226
36	21	97 901	7 879,268	107 400,961	13,631	13,161
37	22	97 798	7 338,903	99 521,692	13,561	13,091
38	23	97 690	6 835,206	92 182,789	13,486	13,017
39	24	97 566	6 365,082	85 347,583	13,409	12,939
40	25	97 443	5 927,326	78 982,501	13,325	12,855
41	26	97 302	5 518,670	73 055,175	13,238	12,768
42	27	97 155	5 137,798	67 536,505	13,145	12,675
43	28	96 989	4 782,305	62 398,707	13,048	12,578
44	29	96 806	4 450,613	57 616,402	12,946	12,476
45	30	96 607	4 141,232	53 165,790	12,838	12,368
46	31	96 381	3 852,251	49 024,557	12,726	12,256
47	32	96 140	3 582,851	45 172,306	12,608	12,138
48	33	95 867	3 331,193	41 589,455	12,485	12,015
49	34	95 566	3 096,255	38 258,262	12,356	11,886
50	35	95 228	2 876,741	35 162,007	12,223	11,753
51	36	94 855	2 671,765	32 285,266	12,084	11,614
52	37	94 445	2 480,374	29 613,501	11,939	11,469
53	38	93 983	2 301,409	27 133,127	11,790	11,320
54	39	93 460	2 133,886	24 831,718	11,637	11,167
55	40	92 884	1 977,368	22 697,833	11,479	11,009
56	41	92 250	1 831,120	20 720,465	11,316	10,846
57	42	91 550	1 694,383	18 889,345	11,148	10,678
58	43	90 784	1 566,630	17 194,962	10,976	10,506
59	44	89 937	1 447,095	15 628,331	10,800	10,330
60	45	89 014	1 335,428	14 181,237	10,619	10,149
61	46	88 022	1 231,281	12 845,809	10,433	9,963
62	47	86 945	1 133,991	11 614,528	10,242	9,772
63	48	85 767	1 043,015	10 480,537	10,048	9,578
64	49	84 511	958,264	9 437,523	9,849	9,379
65	50	83 153	879,134	8 479,259	9,645	9,175
66	51	81 714	805,519	7 600,124	9,435	8,965
67	52	80 201	737,158	6 794,605	9,217	8,747
68	53	78 568	673,329	6 057,447	8,996	8,526
69	54	76 888	614,387	5 384,118	8,763	8,293
70	55	75 074	559,346	4 769,731	8,527	8,057
71	56	73 149	508,161	4 210,385	8,286	7,816
72	57	71 107	460,580	3 702,225	8,038	7,568
73	58	68 971	416,546	3 241,645	7,782	7,312
74	59	66 724	375,733	2 825,099	7,519	7,049
75	60	64 348	337,862	2 449,366	7,250	6,780
76	61	61 823	302,662	2 111,503	6,976	6,507
77	62	59 163	270,060	1 808,842	6,698	6,228
78	63	56 378	239,949	1 538,782	6,413	5,943
79	64	53 417	211,978	1 298,833	6,127	5,657
80	65	50 255	185,951	1 086,856	5,845	5,375
81	66	46 932	161,915	900,905	5,564	5,094
82	67	43 427	139,694	738,990	5,290	4,820
83	68	39 790	119,344	599,295	5,022	4,552
84	69	36 044	100,800	479,951	4,761	4,292
85	70	32 244	84,077	379,152	4,510	4,040
86	71	28 427	69,112	295,075	4,270	3,800
87	72	24 680	55,947	225,963	4,039	3,569
88	73	21 089	44,576	170,016	3,814	3,344
89	74	17 700	34,882	125,440	3,596	3,126
90	75	14 571	26,775	90,558	3,382	2,912
91	76	11 727	20,092	63,783	3,175	2,705
92	77	9 149	14,616	43,692	2,989	2,519
93	78	6 924	10,313	29,076	2,819	2,349
94	79	5 088	7,067	18,763	2,655	2,185
95	80	3 575	4,630	11,695	2,526	2,056
96	81	2 455	2,964	7,066	2,384	1,914
97	82	1 613	1,816	4,102	2,259	1,789
98	83	1 014	1,064	2,286	2,147	1,678
99	84	610	0,597	1,221	2,047	1,577
100	85	350	0,319	0,625	1,956	1,486

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	32 460,074	466 878,980	14,383	13,913
17	1	99 143	30 165,301	434 418,907	14,401	13,931
18	2	99 091	28 111,411	404 253,606	14,380	13,911
19	3	99 041	26 197,938	376 142,194	14,358	13,888
20	4	98 988	24 413,873	349 944,256	14,334	13,864
21	5	98 934	22 751,189	325 530,383	14,308	13,838
22	6	98 883	21 202,153	302 779,194	14,281	13,811
23	7	98 832	19 758,690	281 577,042	14,251	13,781
24	8	98 781	18 413,653	261 818,351	14,219	13,749
25	9	98 728	17 159,546	243 404,698	14,185	13,715
26	10	98 674	15 990,844	226 245,152	14,148	13,679
27	11	98 621	14 901,930	210 254,309	14,109	13,639
28	12	98 562	13 886,207	195 352,379	14,068	13,598
29	13	98 503	12 939,819	181 466,172	14,024	13,554
30	14	98 438	12 057,157	168 526,353	13,977	13,507
31	15	98 371	11 234,449	156 469,195	13,928	13,458
32	16	98 291	10 466,491	145 234,746	13,876	13,406
33	17	98 209	9 750,753	134 768,256	13,821	13,351
34	18	98 124	9 083,826	125 017,502	13,763	13,293
35	19	98 025	8 461,224	115 933,677	13,702	13,232
36	20	97 919	7 880,728	107 472,453	13,637	13,167
37	21	97 814	7 340,119	99 591,725	13,568	13,098
38	22	97 707	6 836,389	92 251,607	13,494	13,024
39	23	97 587	6 366,464	85 415,218	13,416	12,947
40	24	97 460	5 928,331	79 048,754	13,334	12,864
41	25	97 321	5 519,699	73 120,423	13,247	12,777
42	26	97 174	5 138,798	67 600,723	13,155	12,685
43	27	97 010	4 783,349	62 461,926	13,058	12,588
44	28	96 830	4 451,723	57 678,577	12,956	12,487
45	29	96 632	4 142,304	53 226,854	12,850	12,380
46	30	96 409	3 853,395	49 084,549	12,738	12,268
47	31	96 170	3 583,995	45 231,154	12,620	12,150
48	32	95 901	3 332,350	41 647,159	12,498	12,028
49	33	95 600	3 097,358	38 314,809	12,370	11,900
50	34	95 266	2 877,866	35 217,451	12,237	11,767
51	35	94 893	2 672,840	32 339,585	12,099	11,629
52	36	94 489	2 481,537	29 666,744	11,955	11,485
53	37	94 027	2 302,469	27 185,207	11,807	11,337
54	38	93 515	2 135,136	24 882,738	11,654	11,184
55	39	92 939	1 978,546	22 747,602	11,497	11,027
56	40	92 313	1 832,364	20 769,056	11,335	10,865
57	41	91 620	1 695,676	18 936,692	11,168	10,698
58	42	90 860	1 567,932	17 241,016	10,996	10,526
59	43	90 018	1 448,398	15 673,084	10,821	10,351
60	44	89 105	1 336,791	14 224,686	10,641	10,171
61	45	88 120	1 232,651	12 887,894	10,455	9,986
62	46	87 055	1 135,432	11 655,243	10,265	9,795
63	47	85 890	1 044,512	10 519,811	10,072	9,602
64	48	84 646	959,799	9 475,299	9,872	9,402
65	49	83 304	880,730	8 515,499	9,669	9,199
66	50	81 876	807,109	7 634,770	9,459	8,990
67	51	80 379	738,790	6 827,660	9,242	8,772
68	52	78 761	674,987	6 088,870	9,021	8,551
69	53	77 098	616,071	5 413,884	8,788	8,318
70	54	75 301	561,034	4 797,813	8,552	8,082
71	55	73 392	509,850	4 236,779	8,310	7,840
72	56	71 365	462,253	3 726,929	8,063	7,593
73	57	69 247	418,216	3 264,676	7,806	7,336
74	58	67 019	377,398	2 846,461	7,542	7,072
75	59	64 661	339,502	2 469,063	7,273	6,803
76	60	62 158	304,302	2 129,561	6,998	6,528
77	61	59 496	271,579	1 825,259	6,721	6,251
78	62	56 722	241,416	1 553,679	6,436	5,966
79	63	53 771	213,383	1 312,263	6,150	5,680
80	64	50 624	187,316	1 098,881	5,866	5,397
81	65	47 311	163,223	911,565	5,585	5,115
82	66	43 809	140,925	748,342	5,310	4,840
83	67	40 180	120,512	607,417	5,040	4,570
84	68	36 416	101,840	486,904	4,781	4,311
85	69	32 608	85,027	385,065	4,529	4,059
86	70	28 777	69,965	300,038	4,288	3,819
87	71	25 015	56,706	230,073	4,057	3,587
88	72	21 398	45,228	173,367	3,833	3,363
89	73	17 978	35,431	128,140	3,617	3,147
90	74	14 824	27,241	92,709	3,403	2,933
91	75	11 955	20,482	65,468	3,196	2,726
92	76	9 353	14,942	44,986	3,011	2,541
93	77	7 097	10,572	30,044	2,842	2,372
94	78	5 236	7,271	19,472	2,678	2,208
95	79	3 697	4,787	12,201	2,549	2,079
96	80	2 553	3,082	7,414	2,405	1,935
97	81	1 687	1,900	4,331	2,280	1,810
98	82	1 068	1,121	2,431	2,169	1,699
99	83	647	0,634	1,311	2,068	1,598
100	84	375	0,342	0,677	1,977	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	30 258,007	434 608,989	14,363	13,894
18	1	99 114	28 117,908	404 350,981	14,381	13,911
19	2	99 053	26 201,058	376 233,073	14,359	13,890
20	3	99 000	24 416,782	350 032,015	14,336	13,866
21	4	98 943	22 753,258	325 615,233	14,311	13,841
22	5	98 890	21 203,743	302 861,975	14,283	13,814
23	6	98 838	19 759,991	281 658,232	14,254	13,784
24	7	98 786	18 414,561	261 898,241	14,222	13,752
25	8	98 734	17 160,608	243 483,680	14,189	13,719
26	9	98 680	15 991,878	226 323,072	14,152	13,682
27	10	98 627	14 902,813	210 331,194	14,114	13,644
28	11	98 569	13 887,241	195 428,381	14,073	13,603
29	12	98 511	12 940,843	181 541,140	14,029	13,559
30	13	98 447	12 058,191	168 600,297	13,982	13,512
31	14	98 382	11 235,628	156 542,106	13,933	13,463
32	15	98 304	10 467,800	145 306,478	13,881	13,411
33	16	98 222	9 752,129	134 838,677	13,827	13,357
34	17	98 139	9 085,156	125 086,548	13,768	13,298
35	18	98 045	8 462,947	116 001,392	13,707	13,237
36	19	97 938	7 882,249	107 538,445	13,643	13,173
37	20	97 833	7 341,478	99 656,196	13,574	13,105
38	21	97 723	6 837,521	92 314,718	13,501	13,031
39	22	97 604	6 367,566	85 477,197	13,424	12,954
40	23	97 481	5 929,618	79 109,631	13,341	12,872
41	24	97 337	5 520,635	73 180,013	13,256	12,786
42	25	97 192	5 139,756	67 659,378	13,164	12,694
43	26	97 029	4 784,280	62 519,622	13,068	12,598
44	27	96 851	4 452,696	57 735,342	12,966	12,496
45	28	96 656	4 143,338	53 282,646	12,860	12,390
46	29	96 434	3 854,393	49 139,309	12,749	12,279
47	30	96 199	3 585,060	45 284,916	12,632	12,162
48	31	95 931	3 333,414	41 699,856	12,510	12,040
49	32	95 633	3 098,433	38 366,442	12,383	11,913
50	33	95 299	2 878,891	35 268,009	12,251	11,781
51	34	94 930	2 673,886	32 389,117	12,113	11,643
52	35	94 527	2 482,537	29 715,231	11,970	11,500
53	36	94 071	2 303,549	27 232,695	11,822	11,352
54	37	93 558	2 136,119	24 929,146	11,670	11,200
55	38	92 993	1 979,706	22 793,027	11,513	11,043
56	39	92 368	1 833,456	20 813,321	11,352	10,882
57	40	91 682	1 696,828	18 979,865	11,185	10,716
58	41	90 929	1 569,129	17 283,037	11,014	10,545
59	42	90 093	1 449,601	15 713,909	10,840	10,370
60	43	89 185	1 337,995	14 264,307	10,661	10,191
61	44	88 210	1 233,910	12 926,312	10,476	10,006
62	45	87 152	1 136,696	11 692,402	10,286	9,816
63	46	85 999	1 045,840	10 555,705	10,093	9,623
64	47	84 768	961,177	9 509,866	9,894	9,424
65	48	83 438	882,141	8 548,689	9,691	9,221
66	49	82 024	808,574	7 666,548	9,482	9,012
67	50	80 537	740,249	6 857,973	9,264	8,795
68	51	78 935	676,481	6 117,725	9,043	8,574
69	52	77 288	617,587	5 441,244	8,810	8,341
70	53	75 507	562,572	4 823,657	8,574	8,104
71	54	73 614	511,389	4 261,085	8,332	7,862
72	55	71 602	463,789	3 749,696	8,085	7,615
73	56	69 499	419,735	3 285,907	7,829	7,359
74	57	67 288	378,911	2 866,172	7,564	7,094
75	58	64 947	341,006	2 487,262	7,294	6,824
76	59	62 460	305,779	2 146,256	7,019	6,549
77	60	59 819	273,051	1 840,476	6,740	6,271
78	61	57 042	242,774	1 567,425	6,456	5,986
79	62	54 099	214,687	1 324,651	6,170	5,700
80	63	50 960	188,557	1 109,964	5,887	5,417
81	64	47 658	164,421	921,406	5,604	5,134
82	65	44 163	142,064	756,985	5,328	4,859
83	66	40 534	121,574	614,922	5,058	4,588
84	67	36 772	102,837	493,347	4,797	4,327
85	68	32 945	85,904	390,511	4,546	4,076
86	69	29 102	70,755	304,607	4,305	3,835
87	70	25 323	57,406	233,851	4,074	3,604
88	71	21 688	45,841	176,446	3,849	3,379
89	72	18 241	35,949	130,604	3,633	3,163
90	73	15 058	27,669	94,656	3,421	2,951
91	74	12 163	20,839	66,987	3,215	2,745
92	75	9 535	15,232	46,148	3,030	2,560
93	76	7 256	10,808	30,916	2,860	2,391
94	77	5 367	7,454	20,108	2,698	2,228
95	78	3 804	4,926	12,654	2,569	2,099
96	79	2 640	3,187	7,728	2,425	1,955
97	80	1 755	1,976	4,541	2,299	1,829
98	81	1 117	1,173	2,566	2,188	1,718
99	82	682	0,667	1,393	2,088	1,618
100	83	398	0,364	0,726	1,997	1,527

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	28 204,322	404 526,164	14,343	13,873
19	1	99 076	26 207,113	376 321,842	14,360	13,890
20	2	99 012	24 419,690	350 114,728	14,337	13,867
21	3	98 955	22 755,969	325 695,038	14,313	13,843
22	4	98 899	21 205,671	302 939,070	14,286	13,816
23	5	98 846	19 761,473	281 733,398	14,257	13,787
24	6	98 793	18 415,773	261 971,925	14,225	13,756
25	7	98 739	17 161,454	243 556,152	14,192	13,722
26	8	98 686	15 992,869	226 394,698	14,156	13,686
27	9	98 633	14 903,777	210 401,829	14,117	13,647
28	10	98 575	13 888,064	195 498,052	14,077	13,607
29	11	98 518	12 941,807	181 609,988	14,033	13,563
30	12	98 454	12 059,145	168 668,181	13,987	13,517
31	13	98 390	11 236,591	156 609,036	13,937	13,468
32	14	98 314	10 468,899	145 372,445	13,886	13,416
33	15	98 235	9 753,350	134 903,546	13,832	13,362
34	16	98 153	9 086,438	125 150,196	13,773	13,303
35	17	98 060	8 464,186	116 063,758	13,712	13,242
36	18	97 958	7 883,855	107 599,572	13,648	13,178
37	19	97 851	7 342,895	99 715,717	13,580	13,110
38	20	97 741	6 838,787	92 372,822	13,507	13,037
39	21	97 620	6 368,620	85 534,035	13,431	12,961
40	22	97 498	5 930,644	79 165,415	13,349	12,879
41	23	97 358	5 521,833	73 234,770	13,263	12,793
42	24	97 208	5 140,628	67 712,937	13,172	12,702
43	25	97 047	4 785,173	62 572,309	13,076	12,606
44	26	96 870	4 453,562	57 787,137	12,975	12,506
45	27	96 677	4 144,243	53 333,575	12,869	12,399
46	28	96 458	3 855,354	49 189,332	12,759	12,289
47	29	96 224	3 585,988	45 333,978	12,642	12,172
48	30	95 960	3 334,404	41 747,990	12,520	12,050
49	31	95 664	3 099,423	38 413,586	12,394	11,924
50	32	95 333	2 879,891	35 314,163	12,262	11,792
51	33	94 964	2 674,838	32 434,273	12,126	11,656
52	34	94 564	2 483,508	29 759,434	11,983	11,513
53	35	94 109	2 304,476	27 275,926	11,836	11,366
54	36	93 602	2 137,121	24 971,450	11,685	11,215
55	37	93 036	1 980,617	22 834,329	11,529	11,059
56	38	92 422	1 834,530	20 853,712	11,367	10,897
57	39	91 737	1 697,839	19 019,181	11,202	10,732
58	40	90 991	1 570,194	17 321,342	11,031	10,561
59	41	90 161	1 450,708	15 751,147	10,858	10,388
60	42	89 259	1 339,107	14 300,439	10,679	10,209
61	43	88 290	1 235,022	12 961,333	10,495	10,025
62	44	87 241	1 137,857	11 726,311	10,306	9,836
63	45	86 095	1 047,004	10 588,454	10,113	9,643
64	46	84 876	962,399	9 541,450	9,914	9,444
65	47	83 558	883,407	8 579,051	9,711	9,241
66	48	82 156	809,870	7 695,644	9,502	9,032
67	49	80 683	741,592	6 885,774	9,285	8,815
68	50	79 091	677,817	6 144,182	9,065	8,595
69	51	77 459	618,954	5 466,366	8,832	8,362
70	52	75 693	563,956	4 847,411	8,595	8,125
71	53	73 816	512,790	4 283,455	8,353	7,883
72	54	71 818	465,189	3 770,664	8,106	7,636
73	55	69 730	421,130	3 305,475	7,849	7,379
74	56	67 532	380,287	2 884,345	7,585	7,115
75	57	65 207	342,373	2 504,058	7,314	6,844
76	58	62 737	307,134	2 161,685	7,038	6,568
77	59	60 109	274,377	1 854,552	6,759	6,289
78	60	57 351	244,090	1 580,175	6,474	6,004
79	61	54 404	215,895	1 336,085	6,189	5,719
80	62	51 271	189,710	1 120,190	5,905	5,435
81	63	47 974	165,511	930,480	5,622	5,152
82	64	44 488	143,107	764,969	5,345	4,876
83	65	40 861	122,556	621,862	5,074	4,604
84	66	37 096	103,743	499,306	4,813	4,343
85	67	33 267	86,745	395,563	4,560	4,090
86	68	29 403	71,485	308,818	4,320	3,850
87	69	25 609	58,054	237,333	4,088	3,618
88	70	21 956	46,407	179,279	3,863	3,393
89	71	18 488	36,437	132,872	3,647	3,177
90	72	15 278	28,074	96,435	3,435	2,965
91	73	12 354	21,166	68,361	3,230	2,760
92	74	9 701	15,497	47,195	3,045	2,575
93	75	7 397	11,018	31,698	2,877	2,407
94	76	5 487	7,620	20,680	2,714	2,244
95	77	3 899	5,049	13,060	2,587	2,117
96	78	2 716	3,279	8,011	2,443	1,973
97	79	1 815	2,043	4,731	2,316	1,846
98	80	1 162	1,219	2,688	2,205	1,735
99	81	713	0,698	1,469	2,105	1,635
100	82	419	0,383	0,771	2,014	1,544

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	26 287,655	376 483,293	14,322	13,852
20	1	99 035	24 425,334	350 195,638	14,337	13,867
21	2	98 967	22 758,679	325 770,304	14,314	13,844
22	3	98 911	21 208,198	303 011,625	14,287	13,818
23	4	98 855	19 763,270	281 803,427	14,259	13,789
24	5	98 800	18 417,155	262 040,157	14,228	13,758
25	6	98 745	17 162,584	243 623,002	14,195	13,725
26	7	98 691	15 993,657	226 460,419	14,159	13,689
27	8	98 639	14 904,700	210 466,762	14,121	13,651
28	9	98 581	13 888,963	195 562,062	14,080	13,610
29	10	98 524	12 942,574	181 673,099	14,037	13,567
30	11	98 462	12 060,043	168 730,525	13,991	13,521
31	12	98 398	11 237,480	156 670,482	13,942	13,472
32	13	98 322	10 469,796	145 433,001	13,891	13,421
33	14	98 245	9 754,373	134 963,205	13,836	13,366
34	15	98 165	9 087,575	125 208,832	13,778	13,308
35	16	98 074	8 465,381	116 121,257	13,717	13,247
36	17	97 973	7 885,009	107 655,876	13,653	13,183
37	18	97 871	7 344,391	99 770,867	13,585	13,115
38	19	97 760	6 840,108	92 426,476	13,512	13,043
39	20	97 638	6 369,799	85 586,368	13,436	12,966
40	21	97 514	5 931,626	79 216,569	13,355	12,885
41	22	97 375	5 522,789	73 284,943	13,270	12,800
42	23	97 229	5 141,743	67 762,153	13,179	12,709
43	24	97 063	4 785,984	62 620,410	13,084	12,614
44	25	96 888	4 454,393	57 834,426	12,984	12,514
45	26	96 696	4 145,049	53 380,033	12,878	12,408
46	27	96 479	3 856,197	49 234,984	12,768	12,298
47	28	96 248	3 586,882	45 378,788	12,651	12,181
48	29	95 984	3 335,267	41 791,905	12,530	12,060
49	30	95 692	3 100,343	38 456,638	12,404	11,934
50	31	95 363	2 880,810	35 356,295	12,273	11,803
51	32	94 997	2 675,767	32 475,485	12,137	11,667
52	33	94 598	2 484,393	29 799,718	11,995	11,525
53	34	94 145	2 305,378	27 315,325	11,849	11,379
54	35	93 639	2 137,982	25 009,947	11,698	11,228
55	36	93 080	1 981,546	22 871,966	11,542	11,073
56	37	92 464	1 835,375	20 890,419	11,382	10,912
57	38	91 790	1 698,834	19 055,044	11,217	10,747
58	39	91 045	1 571,130	17 356,210	11,047	10,577
59	40	90 223	1 451,693	15 785,080	10,874	10,404
60	41	89 327	1 340,129	14 333,386	10,696	10,226
61	42	88 363	1 236,047	12 993,257	10,512	10,042
62	43	87 320	1 138,882	11 757,210	10,323	9,854
63	44	86 183	1 048,073	10 618,328	10,131	9,661
64	45	84 970	963,470	9 570,255	9,933	9,463
65	46	83 664	884,530	8 606,785	9,730	9,260
66	47	82 274	811,032	7 722,254	9,522	9,052
67	48	80 813	742,780	6 911,222	9,305	8,835
68	49	79 235	679,047	6 168,442	9,084	8,614
69	50	77 612	620,177	5 489,395	8,851	8,381
70	51	75 861	565,205	4 869,219	8,615	8,145
71	52	73 997	514,053	4 304,014	8,373	7,903
72	53	72 015	466,464	3 789,961	8,125	7,655
73	54	69 940	422,401	3 323,497	7,868	7,398
74	55	67 757	381,551	2 901,096	7,603	7,134
75	56	65 444	343,616	2 519,545	7,332	6,863
76	57	62 988	308,365	2 175,928	7,056	6,586
77	58	60 375	275,592	1 867,564	6,777	6,307
78	59	57 629	245,275	1 591,971	6,491	6,021
79	60	54 699	217,065	1 346,697	6,204	5,734
80	61	51 560	190,777	1 129,631	5,921	5,451
81	62	48 268	166,523	938,854	5,638	5,168
82	63	44 782	144,055	772,331	5,361	4,891
83	64	41 161	123,456	628,276	5,089	4,619
84	65	37 396	104,581	504,820	4,827	4,357
85	66	33 560	87,509	400,239	4,574	4,104
86	67	29 690	72,185	312,730	4,332	3,862
87	68	25 874	58,653	240,545	4,101	3,631
88	69	22 204	46,931	181,891	3,876	3,406
89	70	18 716	36,886	134,960	3,659	3,189
90	71	15 485	28,455	98,074	3,447	2,977
91	72	12 534	21,476	69,619	3,242	2,772
92	73	9 853	15,741	48,143	3,058	2,589
93	74	7 526	11,210	32,402	2,891	2,421
94	75	5 593	7,768	21,193	2,728	2,258
95	76	3 986	5,162	13,425	2,601	2,131
96	77	2 784	3,362	8,263	2,458	1,988
97	78	1 867	2,102	4,901	2,332	1,862
98	79	1 201	1,261	2,799	2,220	1,750
99	80	742	0,726	1,538	2,120	1,650
100	81	439	0,400	0,813	2,029	1,560

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	24 500,399	350 344,436	14,300	13,830
21	1	98 990	22 763,939	325 844,036	14,314	13,844
22	2	98 923	21 210,724	303 080,098	14,289	13,819
23	3	98 866	19 765,625	281 869,374	14,261	13,791
24	4	98 809	18 418,829	262 103,749	14,230	13,760
25	5	98 752	17 163,871	243 684,920	14,198	13,728
26	6	98 698	15 994,710	226 521,049	14,162	13,692
27	7	98 644	14 905,435	210 526,339	14,124	13,654
28	8	98 587	13 889,823	195 620,904	14,084	13,614
29	9	98 530	12 943,411	181 731,082	14,040	13,571
30	10	98 468	12 060,758	168 787,670	13,995	13,525
31	11	98 405	11 238,317	156 726,912	13,946	13,476
32	12	98 330	10 470,625	145 488,595	13,895	13,425
33	13	98 253	9 755,209	135 017,970	13,841	13,371
34	14	98 175	9 088,529	125 262,761	13,783	13,313
35	15	98 086	8 466,440	116 174,232	13,722	13,252
36	16	97 987	7 886,122	107 707,792	13,658	13,188
37	17	97 886	7 345,467	99 821,670	13,590	13,120
38	18	97 780	6 841,501	92 476,204	13,517	13,047
39	19	97 657	6 371,029	85 634,703	13,441	12,971
40	20	97 532	5 932,725	79 263,674	13,360	12,891
41	21	97 391	5 523,704	73 330,949	13,276	12,806
42	22	97 246	5 142,633	67 807,245	13,185	12,715
43	23	97 084	4 787,023	62 664,612	13,091	12,621
44	24	96 904	4 455,148	57 877,589	12,991	12,521
45	25	96 714	4 145,822	53 422,441	12,886	12,416
46	26	96 498	3 856,947	49 276,619	12,776	12,306
47	27	96 269	3 587,666	45 419,672	12,660	12,190
48	28	96 008	3 336,099	41 832,006	12,539	12,069
49	29	95 717	3 101,146	38 495,907	12,413	11,944
50	30	95 391	2 881,666	35 394,761	12,283	11,813
51	31	95 027	2 676,621	32 513,095	12,147	11,677
52	32	94 630	2 485,255	29 836,473	12,005	11,535
53	33	94 179	2 306,199	27 351,218	11,860	11,390
54	34	93 676	2 138,818	25 045,019	11,710	11,240
55	35	93 117	1 982,344	22 906,201	11,555	11,085
56	36	92 508	1 836,236	20 923,857	11,395	10,925
57	37	91 833	1 699,617	19 087,621	11,231	10,761
58	38	91 098	1 572,051	17 388,005	11,061	10,591
59	39	90 276	1 452,559	15 815,954	10,888	10,418
60	40	89 388	1 341,039	14 363,395	10,711	10,241
61	41	88 430	1 236,991	13 022,356	10,527	10,058
62	42	87 392	1 139,828	11 785,365	10,340	9,870
63	43	86 261	1 049,017	10 645,537	10,148	9,678
64	44	85 057	964,454	9 596,520	9,950	9,480
65	45	83 757	885,515	8 632,066	9,748	9,278
66	46	82 378	812,063	7 746,551	9,539	9,069
67	47	80 929	743,846	6 934,488	9,322	8,853
68	48	79 362	680,135	6 190,641	9,102	8,632
69	49	77 753	621,302	5 510,506	8,869	8,399
70	50	76 011	566,321	4 889,204	8,633	8,163
71	51	74 161	515,191	4 322,884	8,391	7,921
72	52	72 192	467,612	3 807,693	8,143	7,673
73	53	70 132	423,559	3 340,081	7,886	7,416
74	54	67 961	382,703	2 916,522	7,621	7,151
75	55	65 662	344,759	2 533,819	7,350	6,880
76	56	63 217	309,485	2 189,060	7,073	6,603
77	57	60 617	276,697	1 879,576	6,793	6,323
78	58	57 884	246,361	1 602,879	6,506	6,036
79	59	54 964	218,119	1 356,517	6,219	5,749
80	60	51 839	191,812	1 138,398	5,935	5,465
81	61	48 539	167,460	946,587	5,653	5,183
82	62	45 056	144,936	779,127	5,376	4,906
83	63	41 434	124,274	634,191	5,103	4,633
84	64	37 671	105,349	509,917	4,840	4,370
85	65	33 831	88,216	404,569	4,586	4,116
86	66	29 952	72,821	316,352	4,344	3,874
87	67	26 127	59,228	243,531	4,112	3,642
88	68	22 433	47,415	184,304	3,887	3,417
89	69	18 928	37,303	136,888	3,670	3,200
90	70	15 676	28,806	99,585	3,457	2,987
91	71	12 705	21,767	70,780	3,252	2,782
92	72	9 997	15,971	49,012	3,069	2,599
93	73	7 644	11,386	33,041	2,902	2,432
94	74	5 691	7,903	21,655	2,740	2,270
95	75	4 063	5,262	13,752	2,613	2,144
96	76	2 846	3,437	8,490	2,470	2,000
97	77	1 914	2,155	5,053	2,345	1,875
98	78	1 236	1,297	2,899	2,234	1,764
99	79	767	0,751	1,601	2,133	1,663
100	80	456	0,416	0,851	2,043	1,573

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	22 833,899	325 981,177	14,276	13,806
22	1	98 946	21 215,626	303 147,278	14,289	13,819
23	2	98 878	19 767,979	281 931,652	14,262	13,792
24	3	98 821	18 421,024	262 163,673	14,232	13,762
25	4	98 761	17 165,432	243 742,649	14,200	13,730
26	5	98 705	15 995,909	226 577,218	14,165	13,695
27	6	98 651	14 906,416	210 581,308	14,127	13,657
28	7	98 592	13 890,507	195 674,892	14,087	13,617
29	8	98 537	12 944,213	181 784,385	14,044	13,574
30	9	98 474	12 061,538	168 840,172	13,998	13,528
31	10	98 411	11 238,983	156 778,633	13,950	13,480
32	11	98 337	10 471,405	145 539,650	13,899	13,429
33	12	98 261	9 755,981	135 068,245	13,845	13,375
34	13	98 184	9 089,308	125 312,264	13,787	13,317
35	14	98 096	8 467,329	116 222,956	13,726	13,256
36	15	97 999	7 887,109	107 755,628	13,662	13,192
37	16	97 900	7 346,503	99 868,519	13,594	13,124
38	17	97 794	6 842,503	92 522,016	13,522	13,052
39	18	97 677	6 372,327	85 679,514	13,446	12,976
40	19	97 551	5 933,870	79 307,187	13,365	12,895
41	20	97 409	5 524,727	73 373,316	13,281	12,811
42	21	97 262	5 143,485	67 848,590	13,191	12,721
43	22	97 101	4 787,851	62 705,105	13,097	12,627
44	23	96 925	4 456,115	57 917,254	12,997	12,527
45	24	96 730	4 146,525	53 461,139	12,893	12,423
46	25	96 516	3 857,666	49 314,613	12,784	12,314
47	26	96 287	3 588,364	45 456,947	12,668	12,198
48	27	96 029	3 336,828	41 868,583	12,547	12,078
49	28	95 741	3 101,919	38 531,755	12,422	11,952
50	29	95 416	2 882,412	35 429,836	12,292	11,822
51	30	95 056	2 677,416	32 547,424	12,156	11,686
52	31	94 661	2 486,049	29 870,007	12,015	11,545
53	32	94 212	2 306,999	27 383,958	11,870	11,400
54	33	93 709	2 139,580	25 076,959	11,721	11,251
55	34	93 154	1 983,120	22 937,379	11,566	11,096
56	35	92 545	1 836,975	20 954,259	11,407	10,937
57	36	91 876	1 700,414	19 117,284	11,243	10,773
58	37	91 140	1 572,775	17 416,870	11,074	10,604
59	38	90 329	1 453,410	15 844,095	10,901	10,431
60	39	89 441	1 341,838	14 390,686	10,725	10,255
61	40	88 491	1 237,831	13 048,847	10,542	10,072
62	41	87 459	1 140,698	11 811,016	10,354	9,884
63	42	86 332	1 049,888	10 670,318	10,163	9,693
64	43	85 133	965,323	9 620,430	9,966	9,496
65	44	83 842	886,419	8 655,107	9,764	9,294
66	45	82 470	812,967	7 768,688	9,556	9,086
67	46	81 032	744,792	6 955,720	9,339	8,869
68	47	79 476	681,111	6 210,928	9,119	8,649
69	48	77 877	622,297	5 529,817	8,886	8,416
70	49	76 148	567,349	4 907,520	8,650	8,180
71	50	74 308	516,208	4 340,171	8,408	7,938
72	51	72 352	468,648	3 823,963	8,160	7,690
73	52	70 305	424,601	3 355,316	7,902	7,432
74	53	68 148	383,752	2 930,714	7,637	7,167
75	54	65 860	345,799	2 546,963	7,365	6,896
76	55	63 427	310,514	2 201,163	7,089	6,619
77	56	60 837	277,702	1 890,650	6,808	6,338
78	57	58 116	247,349	1 612,948	6,521	6,051
79	58	55 208	219,085	1 365,599	6,233	5,763
80	59	52 091	192,742	1 146,514	5,948	5,479
81	60	48 802	168,368	953,771	5,665	5,195
82	61	45 310	145,751	785,404	5,389	4,919
83	62	41 687	125,034	639,653	5,116	4,646
84	63	37 920	106,047	514,619	4,853	4,383
85	64	34 080	88,864	408,572	4,598	4,128
86	65	30 194	73,410	319,708	4,355	3,885
87	66	26 357	59,749	246,299	4,122	3,652
88	67	22 652	47,880	186,549	3,896	3,426
89	68	19 123	37,688	138,670	3,679	3,210
90	69	15 853	29,131	100,982	3,466	2,997
91	70	12 861	22,036	71,851	3,261	2,791
92	71	10 133	16,188	49,815	3,077	2,607
93	72	7 756	11,552	33,627	2,911	2,441
94	73	5 780	8,028	22,074	2,750	2,280
95	74	4 134	5,354	14,047	2,624	2,154
96	75	2 902	3,503	8,693	2,481	2,011
97	76	1 957	2,203	5,190	2,356	1,886
98	77	1 267	1,330	2,987	2,246	1,776
99	78	789	0,772	1,657	2,146	1,676
100	79	472	0,431	0,885	2,055	1,585

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	21 280,827	303 273,678	14,251	13,781
23	1	98 901	19 772,547	281 992,851	14,262	13,792
24	2	98 833	18 423,218	262 220,303	14,233	13,763
25	3	98 773	17 167,477	243 797,086	14,201	13,731
26	4	98 714	15 997,364	226 629,608	14,167	13,697
27	5	98 658	14 907,534	210 632,244	14,129	13,659
28	6	98 599	13 891,422	195 724,710	14,090	13,620
29	7	98 541	12 944,851	181 833,288	14,047	13,577
30	8	98 480	12 062,285	168 888,438	14,001	13,531
31	9	98 417	11 239,711	156 826,152	13,953	13,483
32	10	98 343	10 472,025	145 586,442	13,902	13,433
33	11	98 268	9 756,708	135 114,416	13,848	13,378
34	12	98 191	9 090,027	125 357,708	13,791	13,321
35	13	98 105	8 468,054	116 267,682	13,730	13,260
36	14	98 009	7 887,936	107 799,627	13,666	13,196
37	15	97 912	7 347,422	99 911,691	13,598	13,128
38	16	97 808	6 843,468	92 564,269	13,526	13,056
39	17	97 691	6 373,260	85 720,800	13,450	12,980
40	18	97 571	5 935,079	79 347,540	13,369	12,899
41	19	97 428	5 525,793	73 412,461	13,285	12,816
42	20	97 280	5 144,437	67 886,668	13,196	12,726
43	21	97 117	4 788,644	62 742,231	13,102	12,632
44	22	96 942	4 456,886	57 953,587	13,003	12,533
45	23	96 751	4 147,425	53 496,700	12,899	12,429
46	24	96 533	3 858,321	49 349,275	12,790	12,320
47	25	96 305	3 589,033	45 490,954	12,675	12,205
48	26	96 048	3 337,477	41 901,921	12,555	12,085
49	27	95 762	3 102,597	38 564,444	12,430	11,960
50	28	95 440	2 883,131	35 461,847	12,300	11,830
51	29	95 080	2 678,110	32 578,716	12,165	11,695
52	30	94 689	2 486,787	29 900,606	12,024	11,554
53	31	94 242	2 307,736	27 413,819	11,879	11,409
54	32	93 742	2 140,323	25 106,083	11,730	11,260
55	33	93 187	1 983,826	22 965,760	11,576	11,107
56	34	92 581	1 837,694	20 981,934	11,418	10,948
57	35	91 913	1 701,098	19 144,240	11,254	10,784
58	36	91 183	1 573,512	17 443,142	11,085	10,616
59	37	90 371	1 454,079	15 869,629	10,914	10,444
60	38	89 494	1 342,625	14 415,550	10,737	10,267
61	39	88 543	1 238,569	13 072,925	10,555	10,085
62	40	87 518	1 141,473	11 834,357	10,368	9,898
63	41	86 398	1 050,690	10 692,884	10,177	9,707
64	42	85 204	966,125	9 642,194	9,980	9,510
65	43	83 918	887,218	8 676,069	9,779	9,309
66	44	82 554	813,797	7 788,852	9,571	9,101
67	45	81 122	745,621	6 975,054	9,355	8,885
68	46	79 577	681,977	6 229,433	9,134	8,664
69	47	77 989	623,191	5 547,456	8,902	8,432
70	48	76 270	568,258	4 924,265	8,666	8,196
71	49	74 442	517,145	4 356,008	8,423	7,953
72	50	72 495	469,573	3 838,863	8,175	7,705
73	51	70 460	425,541	3 369,290	7,918	7,448
74	52	68 315	384,696	2 943,749	7,652	7,182
75	53	66 041	346,747	2 559,053	7,380	6,910
76	54	63 619	311,451	2 212,306	7,103	6,633
77	55	61 040	278,625	1 900,855	6,822	6,352
78	56	58 328	248,247	1 622,230	6,535	6,065
79	57	55 429	219,963	1 373,983	6,246	5,777
80	58	52 322	193,596	1 154,019	5,961	5,491
81	59	49 039	169,185	960,423	5,677	5,207
82	60	45 555	146,541	791,238	5,399	4,930
83	61	41 922	125,737	644,697	5,127	4,657
84	62	38 152	106,695	518,960	4,864	4,394
85	63	34 306	89,453	412,264	4,609	4,139
86	64	30 416	73,948	322,812	4,365	3,895
87	65	26 570	60,232	248,863	4,132	3,662
88	66	22 852	48,302	188,631	3,905	3,435
89	67	19 310	38,057	140,329	3,687	3,217
90	68	16 017	29,432	102,273	3,475	3,005
91	69	13 007	22,285	72,841	3,269	2,799
92	70	10 258	16,388	50,556	3,085	2,615
93	71	7 861	11,709	34,169	2,918	2,448
94	72	5 865	8,145	22,459	2,757	2,288
95	73	4 199	5,438	14,314	2,632	2,162
96	74	2 952	3,564	8,877	2,490	2,020
97	75	1 995	2,245	5,312	2,366	1,896
98	76	1 295	1,360	3,067	2,256	1,786
99	77	809	0,792	1,707	2,157	1,687
100	78	485	0,443	0,916	2,066	1,597

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	19 833,314	282 109,356	14,224	13,754
24	1	98 856	18 427,476	262 276,042	14,233	13,763
25	2	98 785	17 169,522	243 848,566	14,202	13,733
26	3	98 726	15 999,270	226 679,045	14,168	13,698
27	4	98 667	14 908,890	210 679,775	14,131	13,661
28	5	98 606	13 892,464	195 770,885	14,092	13,622
29	6	98 548	12 945,703	181 878,421	14,049	13,579
30	7	98 485	12 062,880	168 932,718	14,004	13,534
31	8	98 423	11 240,407	156 869,838	13,956	13,486
32	9	98 350	10 472,703	145 629,432	13,906	13,436
33	10	98 274	9 757,286	135 156,729	13,852	13,382
34	11	98 199	9 090,704	125 399,443	13,794	13,324
35	12	98 112	8 468,724	116 308,739	13,734	13,264
36	13	98 017	7 888,612	107 840,014	13,670	13,200
37	14	97 922	7 348,193	99 951,402	13,602	13,132
38	15	97 820	6 844,324	92 603,208	13,530	13,060
39	16	97 705	6 374,159	85 758,884	13,454	12,984
40	17	97 585	5 935,948	79 384,724	13,374	12,904
41	18	97 448	5 526,919	73 448,776	13,289	12,819
42	19	97 299	5 145,431	67 921,858	13,200	12,731
43	20	97 135	4 789,531	62 776,427	13,107	12,637
44	21	96 958	4 457,624	57 986,896	13,008	12,539
45	22	96 768	4 148,143	53 529,272	12,904	12,434
46	23	96 554	3 859,158	49 381,129	12,796	12,326
47	24	96 322	3 589,642	45 521,971	12,681	12,212
48	25	96 066	3 338,100	41 932,329	12,562	12,092
49	26	95 781	3 103,201	38 594,229	12,437	11,967
50	27	95 461	2 883,761	35 491,028	12,307	11,837
51	28	95 104	2 678,778	32 607,267	12,172	11,703
52	29	94 713	2 487,431	29 928,490	12,032	11,562
53	30	94 270	2 308,422	27 441,059	11,887	11,417
54	31	93 772	2 141,006	25 132,637	11,739	11,269
55	32	93 219	1 984,515	22 991,631	11,586	11,116
56	33	92 614	1 838,349	21 007,116	11,427	10,957
57	34	91 949	1 701,764	19 168,768	11,264	10,794
58	35	91 220	1 574,146	17 467,004	11,096	10,626
59	36	90 413	1 454,761	15 892,858	10,925	10,455
60	37	89 535	1 343,243	14 438,097	10,749	10,279
61	38	88 595	1 239,295	13 094,854	10,566	10,096
62	39	87 570	1 142,153	11 855,559	10,380	9,910
63	40	86 457	1 051,404	10 713,406	10,190	9,720
64	41	85 269	966,862	9 662,002	9,993	9,523
65	42	83 988	887,955	8 695,140	9,792	9,322
66	43	82 628	814,530	7 807,186	9,585	9,115
67	44	81 205	746,383	6 992,655	9,369	8,899
68	45	79 665	682,736	6 246,273	9,149	8,679
69	46	78 088	623,983	5 563,537	8,916	8,446
70	47	76 380	569,073	4 939,553	8,680	8,210
71	48	74 562	517,973	4 370,480	8,438	7,968
72	49	72 627	470,425	3 852,507	8,189	7,720
73	50	70 599	426,382	3 382,082	7,932	7,462
74	51	68 467	385,548	2 955,700	7,666	7,196
75	52	66 203	347,601	2 570,153	7,394	6,924
76	53	63 793	312,305	2 222,552	7,117	6,647
77	54	61 224	279,466	1 910,247	6,835	6,365
78	55	58 521	249,072	1 630,781	6,547	6,078
79	56	55 630	220,762	1 381,709	6,259	5,789
80	57	52 531	194,372	1 160,947	5,973	5,503
81	58	49 256	169,934	966,574	5,688	5,218
82	59	45 776	147,252	796,640	5,410	4,940
83	60	42 149	126,419	649,388	5,137	4,667
84	61	38 367	107,296	522,969	4,874	4,404
85	62	34 515	90,000	415,673	4,619	4,149
86	63	30 617	74,439	325,674	4,375	3,905
87	64	26 765	60,674	251,235	4,141	3,671
88	65	23 037	48,692	190,561	3,914	3,444
89	66	19 481	38,392	141,869	3,695	3,225
90	67	16 174	29,720	103,477	3,482	3,012
91	68	13 141	22,515	73,757	3,276	2,806
92	69	10 374	16,573	51,242	3,092	2,622
93	70	7 958	11,854	34,670	2,925	2,455
94	71	5 944	8,256	22,816	2,764	2,294
95	72	4 261	5,517	14,560	2,639	2,169
96	73	2 999	3,620	9,043	2,498	2,028
97	74	2 029	2,285	5,423	2,374	1,904
98	75	1 320	1,386	3,138	2,264	1,794
99	76	827	0,809	1,752	2,165	1,695
100	77	498	0,454	0,943	2,076	1,606

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	18 484,108	262 383,431	14,195	13,725
25	1	98 808	17 173,490	243 899,323	14,202	13,732
26	2	98 737	16 001,176	226 725,833	14,169	13,699
27	3	98 679	14 910,666	210 724,657	14,132	13,663
28	4	98 615	13 893,727	195 813,991	14,094	13,624
29	5	98 555	12 946,674	181 920,264	14,052	13,582
30	6	98 491	12 063,674	168 973,590	14,007	13,537
31	7	98 428	11 240,961	156 909,916	13,959	13,489
32	8	98 356	10 473,351	145 668,955	13,909	13,439
33	9	98 281	9 757,917	135 195,604	13,855	13,385
34	10	98 205	9 091,243	125 437,687	13,798	13,328
35	11	98 120	8 469,355	116 346,444	13,737	13,267
36	12	98 025	7 889,237	107 877,089	13,674	13,204
37	13	97 930	7 348,823	99 987,852	13,606	13,136
38	14	97 830	6 845,043	92 639,029	13,534	13,064
39	15	97 717	6 374,957	85 793,986	13,458	12,988
40	16	97 599	5 936,786	79 419,029	13,377	12,908
41	17	97 462	5 527,728	73 482,243	13,293	12,823
42	18	97 319	5 146,479	67 954,515	13,204	12,734
43	19	97 154	4 790,456	62 808,037	13,111	12,641
44	20	96 976	4 458,450	58 017,581	13,013	12,543
45	21	96 784	4 148,830	53 559,131	12,909	12,440
46	22	96 570	3 859,826	49 410,301	12,801	12,331
47	23	96 343	3 590,421	45 550,475	12,687	12,217
48	24	96 082	3 338,666	41 960,054	12,568	12,098
49	25	95 798	3 103,780	38 621,388	12,443	11,973
50	26	95 479	2 884,322	35 517,609	12,314	11,844
51	27	95 125	2 679,363	32 633,286	12,179	11,710
52	28	94 737	2 488,051	29 953,924	12,039	11,569
53	29	94 294	2 309,019	27 465,872	11,895	11,425
54	30	93 800	2 141,642	25 156,853	11,747	11,277
55	31	93 249	1 985,149	23 015,211	11,594	11,124
56	32	92 646	1 838,987	21 030,063	11,436	10,966
57	33	91 981	1 702,370	19 191,076	11,273	10,803
58	34	91 255	1 574,762	17 488,706	11,106	10,636
59	35	90 450	1 455,347	15 913,944	10,935	10,465
60	36	89 577	1 343,873	14 458,597	10,759	10,289
61	37	88 636	1 239,865	13 114,724	10,578	10,108
62	38	87 622	1 142,822	11 874,859	10,391	9,921
63	39	86 508	1 052,030	10 732,036	10,201	9,731
64	40	85 327	967,519	9 680,006	10,005	9,535
65	41	84 052	888,632	8 712,487	9,804	9,334
66	42	82 697	815,207	7 823,855	9,597	9,127
67	43	81 278	747,055	7 008,648	9,382	8,912
68	44	79 747	683,433	6 261,593	9,162	8,692
69	45	78 175	624,678	5 578,160	8,930	8,460
70	46	76 477	569,797	4 953,482	8,693	8,224
71	47	74 669	518,717	4 383,685	8,451	7,981
72	48	72 743	471,179	3 864,969	8,203	7,733
73	49	70 728	427,155	3 393,790	7,945	7,475
74	50	68 602	386,309	2 966,634	7,679	7,210
75	51	66 350	348,370	2 580,325	7,407	6,937
76	52	63 950	313,073	2 231,955	7,129	6,659
77	53	61 392	280,232	1 918,882	6,847	6,378
78	54	58 698	249,824	1 638,650	6,559	6,089
79	55	55 815	221,496	1 388,826	6,270	5,800
80	56	52 722	195,078	1 167,330	5,984	5,514
81	57	49 454	170,615	972,251	5,698	5,229
82	58	45 979	147,905	801,636	5,420	4,950
83	59	42 354	127,032	653,731	5,146	4,676
84	60	38 575	107,877	526,699	4,882	4,412
85	61	34 710	90,506	418,822	4,628	4,158
86	62	30 804	74,894	328,315	4,384	3,914
87	63	26 943	61,076	253,422	4,149	3,679
88	64	23 206	49,049	192,345	3,921	3,452
89	65	19 638	38,702	143,296	3,703	3,233
90	66	16 316	29,982	104,594	3,489	3,019
91	67	13 269	22,735	74,612	3,282	2,812
92	68	10 481	16,744	51,877	3,098	2,628
93	69	8 048	11,988	35,133	2,931	2,461
94	70	6 018	8,357	23,146	2,770	2,300
95	71	4 318	5,592	14,789	2,644	2,175
96	72	3 042	3,673	9,196	2,503	2,034
97	73	2 061	2,320	5,523	2,380	1,910
98	74	1 343	1,410	3,202	2,271	1,801
99	75	843	0,825	1,792	2,172	1,703
100	76	509	0,464	0,967	2,083	1,614

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,25 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	17 226,269	243 998,312	14,164	13,694
26	1	98 760	16 004,874	226 772,043	14,169	13,699
27	2	98 691	14 912,442	210 767,170	14,134	13,664
28	3	98 627	13 895,383	195 854,728	14,095	13,625
29	4	98 564	12 947,851	181 959,345	14,053	13,583
30	5	98 499	12 064,579	169 011,494	14,009	13,539
31	6	98 435	11 241,701	156 946,915	13,961	13,491
32	7	98 360	10 473,868	145 705,215	13,911	13,441
33	8	98 287	9 758,522	135 231,347	13,858	13,388
34	9	98 211	9 091,831	125 472,825	13,801	13,331
35	10	98 125	8 469,857	116 380,994	13,741	13,271
36	11	98 033	7 889,824	107 911,137	13,677	13,207
37	12	97 938	7 349,405	100 021,313	13,609	13,140
38	13	97 839	6 845,630	92 671,908	13,537	13,067
39	14	97 728	6 375,626	85 826,279	13,462	12,992
40	15	97 611	5 937,529	79 450,653	13,381	12,911
41	16	97 476	5 528,508	73 513,124	13,297	12,827
42	17	97 333	5 147,232	67 984,616	13,208	12,738
43	18	97 174	4 791,431	62 837,384	13,115	12,645
44	19	96 995	4 459,311	58 045,952	13,017	12,547
45	20	96 802	4 149,598	53 586,642	12,914	12,444
46	21	96 586	3 860,465	49 437,043	12,806	12,336
47	22	96 359	3 591,042	45 576,578	12,692	12,222
48	23	96 103	3 339,390	41 985,536	12,573	12,103
49	24	95 815	3 104,306	38 646,145	12,449	11,979
50	25	95 497	2 884,860	35 541,839	12,320	11,850
51	26	95 143	2 679,884	32 656,979	12,186	11,716
52	27	94 758	2 488,595	29 977,095	12,046	11,576
53	28	94 318	2 309,595	27 488,500	11,902	11,432
54	29	93 824	2 142,196	25 178,905	11,754	11,284
55	30	93 277	1 985,738	23 036,709	11,601	11,131
56	31	92 676	1 839,574	21 050,971	11,443	10,973
57	32	92 013	1 702,961	19 211,396	11,281	10,811
58	33	91 288	1 575,323	17 508,435	11,114	10,644
59	34	90 485	1 455,916	15 933,112	10,944	10,474
60	35	89 613	1 344,414	14 477,196	10,768	10,299
61	36	88 678	1 240,447	13 132,782	10,587	10,117
62	37	87 662	1 143,349	11 892,335	10,401	9,931
63	38	86 559	1 052,647	10 748,987	10,211	9,741
64	39	85 378	968,095	9 696,340	10,016	9,546
65	40	84 109	889,236	8 728,244	9,815	9,346
66	41	82 760	815,829	7 839,008	9,609	9,139
67	42	81 345	747,675	7 023,179	9,393	8,923
68	43	79 819	684,049	6 275,504	9,174	8,704
69	44	78 255	625,315	5 591,455	8,942	8,472
70	45	76 562	570,431	4 966,140	8,706	8,236
71	46	74 764	519,376	4 395,708	8,463	7,994
72	47	72 847	471,855	3 876,332	8,215	7,745
73	48	70 841	427,840	3 404,477	7,957	7,487
74	49	68 726	387,010	2 976,637	7,691	7,221
75	50	66 481	349,058	2 589,627	7,419	6,949
76	51	64 092	313,766	2 240,569	7,141	6,671
77	52	61 543	280,922	1 926,803	6,859	6,389
78	53	58 859	250,509	1 645,881	6,570	6,100
79	54	55 984	222,165	1 395,372	6,281	5,811
80	55	52 897	195,727	1 173,207	5,994	5,524
81	56	49 633	171,235	977,481	5,708	5,239
82	57	46 163	148,498	806,245	5,429	4,959
83	58	42 541	127,595	657,748	5,155	4,685
84	59	38 762	108,401	530,153	4,891	4,421
85	60	34 898	90,997	421,752	4,635	4,165
86	61	30 978	75,315	330,755	4,392	3,922
87	62	27 107	61,450	255,440	4,157	3,687
88	63	23 359	49,374	193,991	3,929	3,459
89	64	19 782	38,986	144,616	3,709	3,240
90	65	16 448	30,224	105,630	3,495	3,025
91	66	13 386	22,936	75,406	3,288	2,818
92	67	10 584	16,908	52,471	3,103	2,633
93	68	8 131	12,111	35,563	2,936	2,466
94	69	6 085	8,452	23,452	2,775	2,305
95	70	4 372	5,661	15,000	2,650	2,180
96	71	3 084	3,723	9,339	2,508	2,038
97	72	2 091	2,354	5,615	2,385	1,915
98	73	1 364	1,432	3,261	2,277	1,807
99	74	858	0,839	1,829	2,179	1,709
100	75	519	0,473	0,989	2,090	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 409 599,961	14,096	13,626
1	1	99 340	92 409,341	1 309 599,961	14,172	13,701
2	2	99 290	85 918,904	1 217 190,620	14,167	13,696
3	3	99 263	79 902,581	1 131 271,716	14,158	13,688
4	4	99 238	74 309,558	1 051 369,135	14,149	13,678
5	5	99 218	69 110,868	977 059,577	14,138	13,667
6	6	99 201	64 278,301	907 948,708	14,125	13,655
7	7	99 184	59 783,632	843 670,407	14,112	13,642
8	8	99 171	55 605,257	783 886,776	14,097	13,627
9	9	99 157	51 718,404	728 281,519	14,082	13,611
10	10	99 142	48 103,162	676 563,114	14,065	13,595
11	11	99 129	44 741,035	628 459,952	14,047	13,576
12	12	99 112	41 612,751	583 718,917	14,027	13,557
13	13	99 097	38 703,440	542 106,166	14,007	13,536
14	14	99 079	35 996,671	503 402,726	13,985	13,514
15	15	99 056	33 477,718	467 406,055	13,962	13,491
16	16	99 029	31 133,487	433 928,337	13,938	13,467
17	17	98 990	28 949,839	402 794,849	13,914	13,443
18	18	98 946	26 918,244	373 845,011	13,888	13,418
19	19	98 888	25 025,531	346 926,766	13,863	13,393
20	20	98 828	23 265,351	321 901,236	13,836	13,366
21	21	98 765	21 628,427	298 635,884	13,808	13,337
22	22	98 704	20 107,140	277 007,458	13,777	13,306
23	23	98 643	18 692,645	256 900,318	13,743	13,273
24	24	98 576	17 376,751	238 207,673	13,708	13,238
25	25	98 512	16 153,866	220 830,922	13,670	13,200
26	26	98 446	15 016,821	204 677,057	13,630	13,160
27	27	98 380	13 959,800	189 660,236	13,586	13,116
28	28	98 307	12 976,173	175 700,435	13,540	13,070
29	29	98 232	12 061,632	162 724,262	13,491	13,021
30	30	98 150	11 210,797	150 662,630	13,439	12,969
31	31	98 064	10 419,545	139 451,833	13,384	12,913
32	32	97 966	9 682,837	129 032,288	13,326	12,856
33	33	97 863	8 997,856	119 349,452	13,264	12,794
34	34	97 759	8 361,177	110 351,595	13,198	12,728
35	35	97 642	7 768,537	101 990,418	13,129	12,658
36	36	97 516	7 217,224	94 221,881	13,055	12,585
37	37	97 384	6 704,595	87 004,657	12,977	12,507
38	38	97 248	6 228,121	80 300,062	12,893	12,423
39	39	97 089	5 784,131	74 071,940	12,806	12,336
40	40	96 925	5 371,513	68 287,809	12,713	12,243
41	41	96 737	4 987,090	62 916,296	12,616	12,146
42	42	96 536	4 629,475	57 929,206	12,513	12,043
43	43	96 312	4 296,503	53 299,731	12,405	11,935
44	44	96 067	3 986,611	49 003,228	12,292	11,822
45	45	95 797	3 698,040	45 016,617	12,173	11,703
46	46	95 495	3 429,188	41 318,577	12,049	11,579
47	47	95 165	3 178,931	37 889,389	11,919	11,449
48	48	94 793	2 945,566	34 710,458	11,784	11,314
49	49	94 378	2 728,060	31 764,892	11,644	11,173
50	50	93 910	2 525,162	29 036,832	11,499	11,029
51	51	93 395	2 336,112	26 511,670	11,349	10,878
52	52	92 829	2 159,956	24 175,558	11,193	10,722
53	53	92 192	1 995,458	22 015,603	11,033	10,563
54	54	91 481	1 841,936	20 020,145	10,869	10,399
55	55	90 697	1 698,750	18 178,209	10,701	10,231
56	56	89 841	1 565,313	16 479,459	10,528	10,058
57	57	88 905	1 440,926	14 914,146	10,350	9,880
58	58	87 882	1 324,978	13 473,220	10,169	9,698
59	59	86 756	1 216,744	12 148,242	9,984	9,514
60	60	85 538	1 115,969	10 931,498	9,796	9,325
61	61	84 223	1 022,146	9 815,529	9,603	9,133
62	62	82 831	935,124	8 793,383	9,403	8,933
63	63	81 330	854,112	7 858,258	9,200	8,730
64	64	79 738	778,977	7 004,146	8,991	8,521
65	65	78 027	709,079	6 225,169	8,779	8,309
66	66	76 212	644,269	5 516,089	8,562	8,092
67	67	74 312	584,374	4 871,820	8,337	7,867
68	68	72 270	528,668	4 287,447	8,110	7,640
69	69	70 194	477,657	3 758,778	7,869	7,399
70	70	67 978	430,302	3 281,121	7,625	7,155
71	71	65 645	386,545	2 850,819	7,375	6,905
72	72	63 186	346,109	2 464,274	7,120	6,650
73	73	60 647	309,025	2 118,165	6,854	6,384
74	74	58 019	275,006	1 809,140	6,579	6,108
75	75	55 263	243,669	1 534,134	6,296	5,826
76	76	52 364	214,779	1 290,466	6,008	5,538
77	77	49 293	188,078	1 075,686	5,719	5,249
78	78	46 104	163,637	887,609	5,424	4,954
79	79	42 737	141,101	723,972	5,131	4,661
80	80	39 169	120,300	582,871	4,845	4,375
81	81	35 458	101,304	462,571	4,566	4,096
82	82	31 640	84,091	361,267	4,296	3,826
83	83	27 801	68,732	277,176	4,033	3,562
84	84	23 966	55,116	208,444	3,782	3,312
85	85	20 224	43,265	153,329	3,544	3,074
86	86	16 656	33,146	110,063	3,321	2,850
87	87	13 353	24,720	76,917	3,111	2,641
88	88	10 406	17,920	52,197	2,913	2,442
89	89	7 852	12,579	34,277	2,725	2,255
90	90	5 716	8,517	21,698	2,548	2,077
91	91	3 996	5,539	13,181	2,380	1,909
92	92	2 654	3,422	7,642	2,233	1,763
93	93	1 672	2,006	4,220	2,104	1,633
94	94	1 000	1,116	2,214	1,984	1,514
95	95	556	0,577	1,098	1,903	1,433
96	96	298	0,288	0,521	1,811	1,341
97	97	150	0,134	0,233	1,736	1,266
98	98	72	0,060	0,099	1,654	1,183
99	99	32	0,025	0,039	1,583	1,113
100	100	13	0,009	0,014	1,522	1,051

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 408 881,058	14,132	13,662	50	51	93 725	2 520,186	28 839,818	11,444	10,973
1	2	99 317	92 387,989	1 309 187,444	14,171	13,700	51	52	93 189	2 330,952	26 319,632	11,291	10,821
2	3	99 278	85 908,673	1 216 799,455	14,164	13,694	52	53	92 601	2 154,652	23 988,680	11,133	10,663
3	4	99 251	79 893,061	1 130 890,782	14,155	13,685	53	54	91 940	1 990,004	21 834,028	10,972	10,502
4	5	99 229	74 302,801	1 050 997,720	14,145	13,675	54	55	91 206	1 836,392	19 844,024	10,806	10,336
5	6	99 210	69 105,686	976 694,919	14,133	13,663	55	56	90 397	1 693,121	18 007,632	10,636	10,165
6	7	99 194	64 274,070	907 589,234	14,121	13,650	56	57	89 516	1 559,648	16 314,511	10,460	9,990
7	8	99 179	59 780,685	843 315,164	14,107	13,637	57	58	88 550	1 435,173	14 754,862	10,281	9,811
8	9	99 165	55 601,814	783 534,479	14,092	13,622	58	59	87 494	1 319,134	13 319,689	10,097	9,627
9	10	99 150	51 715,058	727 932,665	14,076	13,606	59	60	86 337	1 210,867	12 000,555	9,911	9,440
10	11	99 136	48 100,312	676 217,607	14,058	13,588	60	61	85 077	1 109,952	10 789,687	9,721	9,251
11	12	99 121	44 737,702	628 117,295	14,040	13,570	61	62	83 752	1 016,427	9 679,735	9,523	9,053
12	13	99 105	41 609,459	583 379,593	14,020	13,550	62	63	82 328	929,442	8 663,308	9,321	8,851
13	14	99 088	38 700,123	541 770,134	13,999	13,529	63	64	80 794	848,489	7 733,866	9,115	8,645
14	15	99 068	35 992,894	503 070,012	13,977	13,507	64	65	79 157	773,301	6 885,377	8,904	8,434
15	16	99 044	33 473,530	467 077,118	13,954	13,483	65	66	77 402	703,398	6 112,076	8,689	8,219
16	17	99 015	31 129,094	433 603,588	13,929	13,459	66	67	75 547	638,641	5 408,678	8,469	7,999
17	18	98 975	28 945,600	402 474,493	13,905	13,434	67	68	73 591	578,709	4 770,038	8,243	7,772
18	19	98 926	26 912,763	373 528,894	13,879	13,409	68	69	71 532	523,268	4 191,329	8,010	7,540
19	20	98 869	25 020,700	346 616,131	13,853	13,383	69	70	69 410	472,321	3 668,061	7,766	7,296
20	21	98 809	23 261,043	321 595,431	13,825	13,355	70	71	67 149	425,059	3 195,740	7,518	7,048
21	22	98 749	21 624,846	298 334,387	13,796	13,326	71	72	64 766	381,369	2 770,681	7,265	6,795
22	23	98 687	20 103,660	276 709,541	13,764	13,294	72	73	62 276	341,122	2 389,312	7,004	6,534
23	24	98 621	18 688,589	256 605,881	13,731	13,260	73	74	59 708	304,240	2 048,190	6,732	6,262
24	25	98 559	17 373,804	237 917,292	13,694	13,224	74	75	57 026	270,301	1 743,950	6,452	5,982
25	26	98 493	16 150,853	220 543,488	13,655	13,185	75	76	54 209	239,022	1 473,648	6,165	5,695
26	27	98 427	15 013,899	204 392,635	13,614	13,143	76	77	51 221	210,092	1 234,626	5,877	5,406
27	28	98 359	13 956,751	189 378,735	13,569	13,099	77	78	48 088	183,479	1 024,534	5,584	5,114
28	29	98 282	12 972,937	175 421,984	13,522	13,052	78	79	44 809	159,038	841,056	5,288	4,818
29	30	98 206	12 058,511	162 449,047	13,472	13,001	79	80	41 330	136,456	682,017	4,998	4,528
30	31	98 121	11 207,468	150 390,536	13,419	12,948	80	81	37 665	115,679	545,562	4,716	4,246
31	32	98 033	10 416,219	139 183,069	13,362	12,892	81	82	33 896	96,841	429,882	4,439	3,969
32	33	97 932	9 679,476	128 766,849	13,303	12,833	82	83	30 048	79,857	333,042	4,170	3,700
33	34	97 828	8 994,653	119 087,373	13,240	12,770	83	84	26 186	64,739	253,184	3,911	3,441
34	35	97 720	8 357,907	110 092,721	13,172	12,702	84	85	22 355	51,411	188,445	3,665	3,195
35	36	97 602	7 765,410	101 734,813	13,101	12,631	85	86	18 662	39,924	137,034	3,432	2,962
36	37	97 470	7 213,841	93 969,404	13,026	12,556	86	87	15 175	30,199	97,110	3,216	2,745
37	38	97 339	6 701,510	86 755,563	12,946	12,475	87	88	12 002	22,219	66,911	3,011	2,541
38	39	97 191	6 224,474	80 054,053	12,861	12,391	88	89	9 211	15,862	44,692	2,817	2,347
39	40	97 031	5 780,686	73 829,580	12,772	12,301	89	90	6 824	10,932	28,829	2,637	2,167
40	41	96 859	5 367,868	68 048,894	12,677	12,207	90	91	4 870	7,257	17,897	2,466	1,996
41	42	96 664	4 983,286	62 681,026	12,578	12,108	91	92	3 327	4,612	10,640	2,307	1,837
42	43	96 455	4 625,633	57 697,740	12,473	12,003	92	93	2 156	2,780	6,028	2,168	1,698
43	44	96 225	4 292,636	53 072,107	12,364	11,893	93	94	1 323	1,587	3,248	2,047	1,577
44	45	95 969	3 982,544	48 779,471	12,248	11,778	94	95	765	0,854	1,661	1,946	1,476
45	46	95 691	3 693,928	44 796,927	12,127	11,657	95	96	417	0,433	0,808	1,865	1,395
46	47	95 374	3 424,834	41 102,999	12,001	11,531	96	97	218	0,210	0,375	1,782	1,312
47	48	95 029	3 174,374	37 678,165	11,869	11,399	97	98	108	0,097	0,164	1,692	1,222
48	49	94 641	2 940,854	34 503,791	11,733	11,262	98	99	50	0,042	0,067	1,617	1,146
49	50	94 207	2 723,118	31 562,937	11,591	11,120	99	100	21	0,017	0,026	1,551	1,081

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 408 430,159	14,131	13,661
1	3	99 305	92 376,988	1 308 759,580	14,168	13,697
2	4	99 266	85 898,438	1 216 382,593	14,161	13,690
3	5	99 242	79 885,797	1 130 484,154	14,151	13,681
4	6	99 222	74 297,229	1 050 598,358	14,140	13,670
5	7	99 204	69 101,137	976 301,129	14,129	13,658
6	8	99 189	64 270,901	907 199,992	14,115	13,645
7	9	99 173	59 776,983	842 929,091	14,101	13,631
8	10	99 158	55 598,216	783 152,108	14,086	13,616
9	11	99 144	51 711,994	727 553,891	14,069	13,599
10	12	99 129	48 096,729	675 841,898	14,052	13,581
11	13	99 113	44 734,163	627 745,169	14,033	13,563
12	14	99 096	41 605,892	583 011,006	14,013	13,542
13	15	99 078	38 696,062	541 405,113	13,991	13,521
14	16	99 056	35 988,391	502 709,052	13,969	13,498
15	17	99 030	33 468,807	466 720,661	13,945	13,475
16	18	99 001	31 124,536	433 251,854	13,920	13,450
17	19	98 955	28 939,705	402 127,318	13,895	13,425
18	20	98 907	26 907,568	373 187,612	13,869	13,399
19	21	98 851	25 016,067	346 280,044	13,842	13,372
20	22	98 793	23 257,192	321 263,977	13,814	13,343
21	23	98 731	21 621,104	298 006,785	13,783	13,313
22	24	98 666	20 099,298	276 385,681	13,751	13,281
23	25	98 605	18 685,420	256 286,383	13,716	13,246
24	26	98 541	17 370,564	237 600,963	13,678	13,208
25	27	98 474	16 147,711	220 230,398	13,638	13,168
26	28	98 405	15 010,620	204 082,688	13,596	13,126
27	29	98 334	13 953,270	189 072,068	13,550	13,080
28	30	98 257	12 969,580	175 118,797	13,502	13,032
29	31	98 177	12 054,930	162 149,218	13,451	12,981
30	32	98 090	11 203,890	150 094,287	13,397	12,926
31	33	97 999	10 412,604	138 890,397	13,339	12,868
32	34	97 897	9 676,030	128 477,792	13,278	12,808
33	35	97 790	8 991,135	118 801,763	13,213	12,743
34	36	97 681	8 354,543	109 810,628	13,144	12,674
35	37	97 557	7 761,769	101 456,085	13,071	12,601
36	38	97 425	7 210,521	93 694,316	12,994	12,524
37	39	97 282	6 697,585	86 483,795	12,913	12,442
38	40	97 133	6 220,766	79 786,210	12,826	12,356
39	41	96 965	5 776,762	73 565,444	12,735	12,264
40	42	96 785	5 363,773	67 788,682	12,638	12,168
41	43	96 583	4 979,150	62 424,909	12,537	12,067
42	44	96 369	4 621,470	57 445,759	12,430	11,960
43	45	96 127	4 288,258	52 824,289	12,318	11,848
44	46	95 863	3 978,116	48 536,031	12,201	11,730
45	47	95 569	3 689,238	44 557,915	12,078	11,608
46	48	95 237	3 419,924	40 868,677	11,950	11,480
47	49	94 877	3 169,296	37 448,753	11,816	11,346
48	50	94 470	2 935,527	34 279,457	11,677	11,207
49	51	94 021	2 717,752	31 343,929	11,533	11,063
50	52	93 518	2 514,619	28 626,177	11,384	10,914
51	53	92 960	2 325,229	26 111,558	11,230	10,759
52	54	92 348	2 148,763	23 786,329	11,070	10,599
53	55	91 663	1 984,015	21 637,566	10,906	10,436
54	56	90 904	1 830,308	19 653,551	10,738	10,268
55	57	90 070	1 686,994	17 823,244	10,565	10,095
56	58	89 159	1 553,422	16 136,250	10,388	9,917
57	59	88 159	1 428,843	14 582,828	10,206	9,736
58	60	87 072	1 312,763	13 153,985	10,020	9,550
59	61	85 871	1 204,340	11 841,222	9,832	9,362
60	62	84 601	1 103,742	10 636,882	9,637	9,167
61	63	83 243	1 010,251	9 533,140	9,436	8,966
62	64	81 786	923,322	8 522,889	9,231	8,760
63	65	80 205	842,305	7 599,567	9,022	8,552
64	66	78 523	767,105	6 757,262	8,809	8,339
65	67	76 726	697,254	5 990,157	8,591	8,121
66	68	74 814	632,450	5 292,903	8,369	7,899
67	69	72 840	572,797	4 660,454	8,136	7,666
68	70	70 733	517,422	4 087,656	7,900	7,430
69	71	68 564	466,566	3 570,234	7,652	7,182
70	72	66 250	419,367	3 103,668	7,401	6,931
71	73	63 833	375,874	2 684,301	7,141	6,671
72	74	61 312	335,840	2 308,427	6,874	6,403
73	75	58 687	299,035	1 972,587	6,597	6,126
74	76	55 939	265,147	1 673,551	6,312	5,842
75	77	53 026	233,805	1 408,404	6,024	5,554
76	78	49 969	204,954	1 174,599	5,731	5,261
77	79	46 737	178,323	969,644	5,438	4,967
78	80	43 333	153,802	791,321	5,145	4,675
79	81	39 742	131,215	637,519	4,859	4,388
80	82	36 005	110,582	506,304	4,579	4,108
81	83	32 189	91,966	395,722	4,303	3,833
82	84	28 302	75,219	303,756	4,038	3,568
83	85	24 426	60,388	228,537	3,785	3,314
84	86	20 628	47,441	168,150	3,544	3,074
85	87	17 003	36,375	120,709	3,318	2,848
86	88	13 639	27,143	84,334	3,107	2,637
87	89	10 624	19,668	57,191	2,908	2,438
88	90	8 005	13,786	37,523	2,722	2,252
89	91	5 815	9,315	23,737	2,548	2,078
90	92	4 055	6,043	14,423	2,387	1,916
91	93	2 703	3,747	8,380	2,236	1,766
92	94	1 705	2,198	4,633	2,107	1,637
93	95	1 012	1,213	2,434	2,006	1,536
94	96	574	0,641	1,221	1,905	1,435
95	97	305	0,316	0,580	1,833	1,363
96	98	157	0,152	0,264	1,735	1,264
97	99	75	0,068	0,112	1,652	1,182
98	100	33	0,028	0,044	1,582	1,112

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 407 962,432	14,128	13,658
1	4	99 293	92 365,982	1 308 303,721	14,164	13,694
2	5	99 257	85 890,627	1 215 937,739	14,157	13,687
3	6	99 234	79 879,806	1 130 047,112	14,147	13,677
4	7	99 215	74 292,338	1 050 167,306	14,136	13,665
5	8	99 199	69 097,730	975 874,968	14,123	13,653
6	9	99 183	64 266,922	906 777,238	14,110	13,639
7	10	99 167	59 773,115	842 510,316	14,095	13,625
8	11	99 152	55 594,922	782 737,200	14,079	13,609
9	12	99 137	51 708,142	727 142,278	14,062	13,592
10	13	99 121	48 092,924	675 434,136	14,044	13,574
11	14	99 105	44 730,328	627 341,212	14,025	13,555
12	15	99 086	41 601,526	582 610,884	14,005	13,534
13	16	99 066	38 691,221	541 009,358	13,983	13,512
14	17	99 042	35 983,313	502 318,137	13,960	13,489
15	18	99 016	33 463,906	466 334,824	13,935	13,465
16	19	98 981	31 118,198	432 870,918	13,911	13,440
17	20	98 936	28 934,119	401 752,720	13,885	13,415
18	21	98 889	26 902,585	372 818,600	13,858	13,388
19	22	98 834	25 011,926	345 916,015	13,830	13,360
20	23	98 776	23 253,168	320 904,089	13,800	13,330
21	24	98 710	21 616,412	297 650,922	13,770	13,299
22	25	98 649	20 095,890	276 034,509	13,736	13,266
23	26	98 586	18 681,936	255 938,619	13,700	13,230
24	27	98 522	17 367,185	237 256,684	13,661	13,191
25	28	98 453	16 144,184	219 889,499	13,620	13,150
26	29	98 381	15 006,876	203 745,315	13,577	13,107
27	30	98 309	13 949,660	188 738,439	13,530	13,060
28	31	98 228	12 965,729	174 788,779	13,481	13,011
29	32	98 146	12 051,083	161 823,051	13,428	12,958
30	33	98 056	11 200,002	149 771,968	13,372	12,902
31	34	97 964	10 408,897	138 571,966	13,313	12,843
32	35	97 858	9 672,245	128 163,069	13,251	12,780
33	36	97 750	8 987,516	118 490,824	13,184	12,714
34	37	97 635	8 350,626	109 503,308	13,113	12,643
35	38	97 512	7 758,197	101 152,682	13,038	12,568
36	39	97 368	7 206,298	93 394,485	12,960	12,490
37	40	97 224	6 693,595	86 188,187	12,876	12,406
38	41	97 067	6 216,544	79 494,592	12,788	12,317
39	42	96 891	5 772,356	73 278,048	12,695	12,224
40	43	96 705	5 359,322	67 505,693	12,596	12,126
41	44	96 496	4 974,670	62 146,371	12,493	12,022
42	45	96 270	4 616,756	57 171,701	12,384	11,913
43	46	96 020	4 283,489	52 554,945	12,269	11,799
44	47	95 741	3 973,065	48 271,456	12,150	11,679
45	48	95 432	3 683,949	44 298,391	12,025	11,554
46	49	95 085	3 414,454	40 614,442	11,895	11,425
47	50	94 705	3 163,555	37 199,988	11,759	11,289
48	51	94 283	2 929,742	34 036,433	11,618	11,147
49	52	93 813	2 711,749	31 106,690	11,471	11,001
50	53	93 288	2 508,445	28 394,941	11,320	10,849
51	54	92 706	2 318,874	25 886,496	11,163	10,693
52	55	92 070	2 142,296	23 567,623	11,001	10,531
53	56	91 359	1 977,441	21 425,326	10,835	10,365
54	57	90 575	1 823,684	19 447,885	10,664	10,194
55	58	89 710	1 680,259	17 624,201	10,489	10,019
56	59	88 765	1 546,570	15 943,942	10,309	9,839
57	60	87 733	1 421,942	14 397,372	10,125	9,655
58	61	86 602	1 305,686	12 975,430	9,938	9,467
59	62	85 391	1 197,601	11 669,744	9,744	9,274
60	63	84 087	1 097,035	10 472,143	9,546	9,076
61	64	82 694	1 003,599	9 375,108	9,341	8,871
62	65	81 190	916,594	8 371,509	9,133	8,663
63	66	79 563	835,557	7 454,916	8,922	8,452
64	67	77 837	760,404	6 619,359	8,705	8,235
65	68	75 982	690,494	5 858,955	8,485	8,015
66	69	74 050	625,989	5 168,461	8,256	7,786
67	70	72 026	566,398	4 542,472	8,020	7,550
68	71	69 871	511,118	3 976,074	7,779	7,309
69	72	67 646	460,319	3 464,956	7,527	7,057
70	73	65 296	413,325	3 004,637	7,269	6,799
71	74	62 844	370,054	2 591,312	7,003	6,532
72	75	60 263	330,095	2 221,258	6,729	6,259
73	76	57 568	293,333	1 891,163	6,447	5,977
74	77	54 718	259,360	1 597,830	6,161	5,690
75	78	51 729	228,088	1 338,470	5,868	5,398
76	79	48 565	199,195	1 110,382	5,574	5,104
77	80	45 198	172,452	911,186	5,284	4,813
78	81	41 669	147,895	738,734	4,995	4,525
79	82	37 991	125,433	590,839	4,710	4,240
80	83	34 192	105,015	465,406	4,432	3,962
81	84	30 320	86,624	360,391	4,160	3,690
82	85	26 400	70,163	273,767	3,902	3,432
83	86	22 540	55,724	203,604	3,654	3,183
84	87	18 794	43,223	147,880	3,421	2,951
85	88	15 282	32,694	104,657	3,201	2,731
86	89	12 073	24,026	71,963	2,995	2,525
87	90	9 233	17,093	47,936	2,804	2,334
88	91	6 821	11,746	30,843	2,626	2,156
89	92	4 842	7,756	19,097	2,462	1,992
90	93	3 295	4,910	11,341	2,310	1,840
91	94	2 138	2,963	6,431	2,171	1,700
92	95	1 304	1,681	3,468	2,063	1,592
93	96	760	0,911	1,787	1,961	1,491
94	97	420	0,468	0,876	1,870	1,400
95	98	220	0,229	0,407	1,781	1,311
96	99	109	0,106	0,179	1,691	1,221
97	100	50	0,045	0,073	1,615	1,145

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 407 464,258	14,125	13,654
1	5	99 284	92 357,583	1 307 817,421	14,160	13,690
2	6	99 250	85 884,186	1 215 459,838	14,152	13,682
3	7	99 228	79 874,547	1 129 575,652	14,142	13,672
4	8	99 210	74 288,676	1 049 701,105	14,130	13,660
5	9	99 193	69 093,452	975 412,429	14,117	13,647
6	10	99 177	64 262,763	906 318,976	14,103	13,633
7	11	99 161	59 769,574	842 056,213	14,088	13,618
8	12	99 145	55 590,781	782 286,639	14,072	13,602
9	13	99 129	51 704,051	726 695,858	14,055	13,585
10	14	99 113	48 088,801	674 991,807	14,036	13,566
11	15	99 095	44 725,635	626 903,006	14,017	13,546
12	16	99 073	41 596,322	582 177,371	13,996	13,526
13	17	99 052	38 685,761	540 581,049	13,974	13,503
14	18	99 028	35 978,045	501 895,288	13,950	13,480
15	19	98 995	33 457,092	465 917,243	13,926	13,456
16	20	98 961	31 112,192	432 460,152	13,900	13,430
17	21	98 918	28 928,762	401 347,960	13,874	13,403
18	22	98 872	26 898,132	372 419,199	13,846	13,375
19	23	98 817	25 007,597	345 521,067	13,817	13,346
20	24	98 755	23 248,122	320 513,470	13,787	13,316
21	25	98 693	21 612,747	297 265,348	13,754	13,284
22	26	98 631	20 092,143	275 652,601	13,719	13,249
23	27	98 567	18 678,301	255 560,458	13,682	13,212
24	28	98 500	17 363,391	236 882,157	13,643	13,172
25	29	98 428	16 140,158	219 518,766	13,601	13,131
26	30	98 355	15 002,993	203 378,608	13,556	13,086
27	31	98 280	13 945,517	188 375,616	13,508	13,038
28	32	98 196	12 961,590	174 430,098	13,457	12,987
29	33	98 112	12 046,900	161 468,508	13,403	12,933
30	34	98 021	11 196,014	149 421,608	13,346	12,876
31	35	97 926	10 404,826	138 225,594	13,285	12,814
32	36	97 819	9 668,352	127 820,768	13,221	12,750
33	37	97 705	8 983,302	118 152,415	13,152	12,682
34	38	97 590	8 346,783	109 169,113	13,079	12,609
35	39	97 455	7 753,653	100 822,330	13,003	12,533
36	40	97 310	7 202,005	93 068,677	12,923	12,452
37	41	97 158	6 689,052	85 866,672	12,837	12,367
38	42	96 993	6 211,801	79 177,620	12,746	12,276
39	43	96 811	5 767,566	72 965,818	12,651	12,181
40	44	96 618	5 354,499	67 198,253	12,550	12,080
41	45	96 398	4 969,595	61 843,754	12,444	11,974
42	46	96 163	4 611,623	56 874,159	12,333	11,863
43	47	95 898	4 278,050	52 262,536	12,216	11,746
44	48	95 604	3 967,369	47 984,486	12,095	11,625
45	49	95 279	3 678,057	44 017,117	11,967	11,497
46	50	94 912	3 408,268	40 339,060	11,836	11,365
47	51	94 518	3 157,321	36 930,792	11,697	11,227
48	52	94 075	2 923,271	33 773,471	11,553	11,083
49	53	93 583	2 705,091	30 850,200	11,404	10,934
50	54	93 033	2 501,589	28 145,109	11,251	10,781
51	55	92 427	2 311,895	25 643,519	11,092	10,622
52	56	91 765	2 135,198	23 331,625	10,927	10,457
53	57	91 029	1 970,285	21 196,427	10,758	10,288
54	58	90 213	1 816,403	19 226,142	10,585	10,114
55	59	89 315	1 672,848	17 409,739	10,407	9,937
56	60	88 337	1 539,100	15 736,890	10,225	9,754
57	61	87 260	1 414,276	14 197,790	10,039	9,569
58	62	86 118	1 298,380	12 783,514	9,846	9,375
59	63	84 872	1 190,324	11 485,134	9,649	9,178
60	64	83 533	1 089,812	10 294,810	9,446	8,976
61	65	82 092	996,285	9 204,998	9,239	8,769
62	66	80 539	909,250	8 208,713	9,028	8,558
63	67	78 868	828,258	7 299,463	8,813	8,343
64	68	77 082	753,032	6 471,205	8,594	8,123
65	69	75 206	683,441	5 718,173	8,367	7,896
66	70	73 223	618,996	5 034,732	8,134	7,663
67	71	71 148	559,497	4 415,736	7,892	7,422
68	72	68 935	504,274	3 856,239	7,647	7,177
69	73	66 671	453,686	3 351,965	7,388	6,918
70	74	64 285	406,925	2 898,279	7,122	6,652
71	75	61 769	363,723	2 491,354	6,850	6,379
72	76	59 114	323,800	2 127,631	6,571	6,101
73	77	56 311	286,931	1 803,831	6,287	5,816
74	78	53 380	253,018	1 516,899	5,995	5,525
75	79	50 276	221,679	1 263,881	5,701	5,231
76	80	46 966	192,637	1 042,202	5,410	4,940
77	81	43 462	165,828	849,565	5,123	4,653
78	82	39 833	141,378	683,737	4,836	4,366
79	83	36 079	119,119	542,358	4,553	4,083
80	84	32 206	98,916	423,240	4,279	3,809
81	85	28 282	80,801	324,324	4,014	3,544
82	86	24 361	64,745	243,523	3,761	3,291
83	87	20 536	50,770	178,778	3,521	3,051
84	88	16 892	38,849	128,008	3,295	2,825
85	89	13 527	28,940	89,159	3,081	2,611
86	90	10 492	20,881	60,219	2,884	2,414
87	91	7 867	14,564	39,338	2,701	2,231
88	92	5 680	9,781	24,774	2,533	2,063
89	93	3 934	6,301	14,993	2,379	1,909
90	94	2 605	3,882	8,691	2,239	1,768
91	95	1 635	2,266	4,809	2,122	1,652
92	96	979	1,263	2,543	2,014	1,543
93	97	555	0,666	1,280	1,923	1,453
94	98	303	0,339	0,614	1,815	1,345
95	99	153	0,159	0,276	1,734	1,264
96	100	73	0,071	0,117	1,651	1,181

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 406 933,043	14,120	13,650
1	6	99 277	92 350,657	1 307 295,266	14,156	13,685
2	7	99 243	85 878,533	1 214 944,610	14,147	13,677
3	8	99 223	79 870,610	1 129 066,077	14,136	13,666
4	9	99 204	74 284,077	1 049 195,467	14,124	13,654
5	10	99 186	69 088,981	974 911,390	14,111	13,641
6	11	99 171	64 258,956	905 822,409	14,096	13,626
7	12	99 153	59 765,122	841 563,453	14,081	13,611
8	13	99 137	55 586,383	781 798,331	14,065	13,594
9	14	99 121	51 699,619	726 211,948	14,047	13,576
10	15	99 102	48 083,755	674 512,329	14,028	13,558
11	16	99 082	44 720,039	626 428,574	14,008	13,538
12	17	99 059	41 590,452	581 708,535	13,987	13,516
13	18	99 037	38 680,097	540 118,083	13,964	13,493
14	19	99 007	35 970,718	501 437,986	13,940	13,470
15	20	98 976	33 450,634	465 467,268	13,915	13,445
16	21	98 943	31 106,431	432 016,634	13,888	13,418
17	22	98 901	28 923,972	400 910,203	13,861	13,391
18	23	98 855	26 893,477	371 986,231	13,832	13,362
19	24	98 796	25 002,171	345 092,754	13,803	13,332
20	25	98 738	23 244,180	320 090,583	13,771	13,301
21	26	98 675	21 608,717	296 846,403	13,737	13,267
22	27	98 612	20 088,233	275 237,686	13,701	13,231
23	28	98 546	18 674,221	255 149,453	13,663	13,193
24	29	98 476	17 359,061	236 475,232	13,623	13,152
25	30	98 403	16 135,981	219 116,171	13,579	13,109
26	31	98 326	14 998,538	202 980,190	13,533	13,063
27	32	98 248	13 941,066	187 981,653	13,484	13,014
28	33	98 162	12 957,092	174 040,586	13,432	12,962
29	34	98 077	12 042,611	161 083,495	13,376	12,906
30	35	97 982	11 191,635	149 040,884	13,317	12,847
31	36	97 886	10 400,638	137 849,248	13,254	12,784
32	37	97 773	9 663,819	127 448,610	13,188	12,718
33	38	97 660	8 979,168	117 784,791	13,118	12,647
34	39	97 533	8 341,895	108 805,623	13,043	12,573
35	40	97 397	7 749,034	100 463,728	12,965	12,494
36	41	97 244	7 197,117	92 714,694	12,882	12,412
37	42	97 084	6 683,949	85 517,577	12,794	12,324
38	43	96 912	6 206,647	78 833,628	12,701	12,231
39	44	96 723	5 762,375	72 626,981	12,604	12,133
40	45	96 519	5 349,037	66 864,605	12,500	12,030
41	46	96 291	4 964,069	61 515,569	12,392	11,922
42	47	96 041	4 605,767	56 551,499	12,278	11,808
43	48	95 761	4 271,918	51 945,732	12,160	11,690
44	49	95 451	3 961,023	47 673,815	12,036	11,565
45	50	95 107	3 671,394	43 712,792	11,906	11,436
46	51	94 725	3 401,552	40 041,398	11,772	11,301
47	52	94 310	3 150,347	36 639,846	11,630	11,160
48	53	93 844	2 916,094	33 489,498	11,484	11,014
49	54	93 327	2 697,698	30 573,405	11,333	10,863
50	55	92 753	2 494,060	27 875,707	11,177	10,707
51	56	92 121	2 304,234	25 381,647	11,015	10,545
52	57	91 433	2 127,471	23 077,413	10,847	10,377
53	58	90 665	1 962,419	20 949,942	10,676	10,205
54	59	89 815	1 808,392	18 987,523	10,500	10,029
55	60	88 883	1 664,768	17 179,131	10,319	9,849
56	61	87 860	1 530,803	15 514,362	10,135	9,665
57	62	86 772	1 406,363	13 983,559	9,943	9,473
58	63	85 594	1 290,490	12 577,196	9,746	9,276
59	64	84 313	1 182,486	11 286,706	9,545	9,075
60	65	82 925	1 081,870	10 104,220	9,340	8,869
61	66	81 434	988,303	9 022,350	9,129	8,659
62	67	79 836	901,307	8 034,047	8,914	8,443
63	68	78 103	820,228	7 132,740	8,696	8,226
64	69	76 295	745,340	6 312,511	8,469	7,999
65	70	74 366	675,805	5 567,171	8,238	7,768
66	71	72 331	611,454	4 891,366	8,000	7,529
67	72	70 196	552,005	4 279,912	7,753	7,283
68	73	67 942	497,008	3 727,907	7,501	7,030
69	74	65 639	446,661	3 230,899	7,233	6,763
70	75	63 185	399,963	2 784,237	6,961	6,491
71	76	60 591	356,788	2 384,274	6,683	6,212
72	77	57 823	316,733	2 027,486	6,401	5,931
73	78	54 934	279,915	1 710,753	6,112	5,641
74	79	51 880	245,908	1 430,838	5,819	5,348
75	80	48 621	214,381	1 184,929	5,527	5,057
76	81	45 162	185,238	970,549	5,239	4,769
77	82	41 547	158,522	785,310	4,954	4,484
78	83	37 828	134,261	626,789	4,668	4,198
79	84	33 983	112,200	492,528	4,390	3,919
80	85	30 042	92,267	380,328	4,122	3,652
81	86	26 098	74,562	288,061	3,863	3,393
82	87	22 195	58,989	213,499	3,619	3,149
83	88	18 458	45,633	154,511	3,386	2,916
84	89	14 953	34,388	108,878	3,166	2,696
85	90	11 756	25,151	74,490	2,962	2,491
86	91	8 940	17,792	49,339	2,773	2,303
87	92	6 551	12,127	31,547	2,601	2,131
88	93	4 614	7,946	19,420	2,444	1,974
89	94	3 111	4,983	11,474	2,302	1,832
90	95	1 993	2,969	6,490	2,186	1,715
91	96	1 228	1,702	3,521	2,069	1,599
92	97	715	0,922	1,819	1,972	1,502
93	98	401	0,481	0,897	1,863	1,393
94	99	211	0,235	0,415	1,765	1,295
95	100	103	0,106	0,180	1,691	1,221

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 406 362,986	14,116	13,646
1	7	99 270	92 344,578	1 306 732,682	14,151	13,680
2	8	99 238	85 874,299	1 214 388,105	14,141	13,671
3	9	99 217	79 865,665	1 128 513,805	14,130	13,660
4	10	99 198	74 279,270	1 048 648,140	14,118	13,647
5	11	99 180	69 084,888	974 368,870	14,104	13,634
6	12	99 164	64 254,169	905 283,983	14,089	13,619
7	13	99 145	59 760,394	841 029,813	14,073	13,603
8	14	99 129	55 581,618	781 269,420	14,056	13,586
9	15	99 110	51 694,194	725 687,801	14,038	13,568
10	16	99 090	48 077,740	673 993,608	14,019	13,549
11	17	99 068	44 713,729	625 915,868	13,998	13,528
12	18	99 045	41 584,363	581 202,139	13,976	13,506
13	19	99 017	38 672,220	539 617,776	13,954	13,483
14	20	98 988	35 963,775	500 945,556	13,929	13,459
15	21	98 958	33 444,440	464 981,781	13,903	13,433
16	22	98 927	31 101,281	431 537,341	13,875	13,405
17	23	98 884	28 918,967	400 436,061	13,847	13,377
18	24	98 834	26 887,641	371 517,094	13,817	13,347
19	25	98 779	24 997,932	344 629,452	13,786	13,316
20	26	98 719	23 239,846	319 631,521	13,754	13,283
21	27	98 656	21 604,513	296 391,675	13,719	13,249
22	28	98 590	20 083,846	274 787,162	13,682	13,212
23	29	98 521	18 669,564	254 703,317	13,643	13,172
24	30	98 450	17 354,569	236 033,753	13,601	13,130
25	31	98 373	16 131,189	218 679,185	13,556	13,086
26	32	98 295	14 993,750	202 547,995	13,509	13,039
27	33	98 214	13 936,228	187 554,245	13,458	12,988
28	34	98 127	12 952,479	173 618,017	13,404	12,934
29	35	98 038	12 037,901	160 665,538	13,347	12,876
30	36	97 943	11 187,131	148 627,637	13,286	12,815
31	37	97 841	10 395,762	137 440,506	13,221	12,751
32	38	97 728	9 659,372	127 044,745	13,152	12,682
33	39	97 603	8 973,909	117 385,373	13,081	12,610
34	40	97 475	8 336,926	108 411,464	13,004	12,533
35	41	97 331	7 743,775	100 074,538	12,923	12,453
36	42	97 170	7 191,626	92 330,763	12,839	12,368
37	43	97 003	6 678,403	85 139,137	12,748	12,278
38	44	96 825	6 201,061	78 460,734	12,653	12,183
39	45	96 625	5 756,497	72 259,672	12,553	12,082
40	46	96 412	5 343,089	66 503,175	12,447	11,976
41	47	96 169	4 957,766	61 160,086	12,336	11,866
42	48	95 903	4 599,164	56 202,320	12,220	11,750
43	49	95 607	4 265,084	51 603,155	12,099	11,629
44	50	95 278	3 953,848	47 338,071	11,973	11,502
45	51	94 919	3 664,159	43 384,223	11,840	11,370
46	52	94 516	3 394,039	39 720,064	11,703	11,233
47	53	94 078	3 142,612	36 326,026	11,559	11,089
48	54	93 588	2 908,123	33 183,413	11,411	10,940
49	55	93 046	2 689,579	30 275,290	11,257	10,786
50	56	92 446	2 485,796	27 585,712	11,097	10,627
51	57	91 788	2 295,896	25 099,915	10,933	10,462
52	58	91 068	2 118,977	22 804,019	10,762	10,292
53	59	90 265	1 953,764	20 685,042	10,587	10,117
54	60	89 381	1 799,658	18 731,278	10,408	9,938
55	61	88 404	1 655,794	16 931,621	10,226	9,755
56	62	87 369	1 522,238	15 275,827	10,035	9,565
57	63	86 245	1 397,817	13 753,589	9,839	9,369
58	64	85 031	1 281,993	12 355,772	9,638	9,168
59	65	83 699	1 173,869	11 073,779	9,434	8,963
60	66	82 260	1 073,202	9 899,910	9,225	8,754
61	67	80 723	979,670	8 826,708	9,010	8,540
62	68	79 062	892,569	7 847,038	8,792	8,321
63	69	77 305	811,850	6 954,469	8,566	8,096
64	70	75 443	737,013	6 142,619	8,334	7,864
65	71	73 460	667,572	5 405,606	8,097	7,627
66	72	71 362	603,266	4 738,034	7,854	7,384
67	73	69 184	544,051	4 134,768	7,600	7,130
68	74	66 890	489,313	3 590,717	7,338	6,868
69	75	64 516	439,020	3 101,404	7,064	6,594
70	76	61 980	392,337	2 662,384	6,786	6,316
71	77	59 269	349,001	2 270,047	6,504	6,034
72	78	56 409	308,988	1 921,046	6,217	5,747
73	79	53 391	272,049	1 612,058	5,926	5,455
74	80	50 172	237,812	1 340,008	5,635	5,164
75	81	46 753	206,147	1 102,196	5,347	4,876
76	82	43 172	177,076	896,049	5,060	4,590
77	83	39 455	150,541	718,973	4,776	4,306
78	84	35 631	126,463	568,432	4,495	4,025
79	85	31 699	104,658	441,969	4,223	3,753
80	86	27 722	85,142	337,311	3,962	3,491
81	87	23 777	67,932	252,169	3,712	3,242
82	88	19 949	53,019	184,237	3,475	3,005
83	89	16 338	40,393	131,217	3,249	2,778
84	90	12 995	29,886	90,825	3,039	2,569
85	91	10 017	21,430	60,938	2,844	2,373
86	92	7 444	14,815	39,508	2,667	2,197
87	93	5 322	9,853	24,693	2,506	2,036
88	94	3 649	6,284	14,841	2,362	1,891
89	95	2 379	3,811	8,557	2,245	1,775
90	96	1 496	2,230	4,746	2,128	1,658
91	97	897	1,243	2,516	2,023	1,553
92	98	517	0,667	1,272	1,908	1,438
93	99	279	0,335	0,605	1,810	1,339
94	100	141	0,158	0,271	1,719	1,249

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 405 749,197	14,111	13,640
1	8	99 266	92 340,025	1 306 125,451	14,145	13,674
2	9	99 232	85 868,983	1 213 785,426	14,135	13,665
3	10	99 210	79 860,497	1 127 916,443	14,124	13,653
4	11	99 192	74 274,869	1 048 055,946	14,111	13,640
5	12	99 173	69 079,742	973 781,077	14,096	13,626
6	13	99 156	64 249,086	904 701,335	14,081	13,611
7	14	99 137	59 755,271	840 452,249	14,065	13,595
8	15	99 118	55 575,786	780 696,978	14,047	13,577
9	16	99 098	51 687,727	725 121,193	14,029	13,559
10	17	99 076	48 070,956	673 433,466	14,009	13,539
11	18	99 054	44 707,182	625 362,510	13,988	13,518
12	19	99 025	41 575,894	580 655,328	13,966	13,496
13	20	98 998	38 664,755	539 079,433	13,942	13,472
14	21	98 970	35 957,115	500 414,678	13,917	13,447
15	22	98 942	33 438,903	464 457,562	13,890	13,419
16	23	98 910	31 095,899	431 018,660	13,861	13,391
17	24	98 863	28 912,692	399 922,761	13,832	13,362
18	25	98 817	26 883,082	371 010,069	13,801	13,331
19	26	98 761	24 993,270	344 126,987	13,769	13,299
20	27	98 700	23 235,324	319 133,717	13,735	13,265
21	28	98 634	21 599,793	295 898,393	13,699	13,229
22	29	98 565	20 078,837	274 298,599	13,661	13,191
23	30	98 496	18 664,732	254 219,762	13,620	13,150
24	31	98 421	17 349,415	235 555,030	13,577	13,107
25	32	98 342	16 126,040	218 205,615	13,531	13,061
26	33	98 261	14 988,547	202 079,574	13,482	13,012
27	34	98 179	13 931,266	187 091,027	13,430	12,959
28	35	98 089	12 947,413	173 159,761	13,374	12,904
29	36	97 999	12 033,056	160 212,349	13,314	12,844
30	37	97 897	11 181,886	148 179,293	13,252	12,781
31	38	97 795	10 390,977	136 997,407	13,184	12,714
32	39	97 671	9 653,715	126 606,430	13,115	12,645
33	40	97 544	8 968,563	116 952,715	13,040	12,570
34	41	97 409	8 331,267	107 984,152	12,961	12,491
35	42	97 256	7 737,868	99 652,884	12,879	12,408
36	43	97 089	7 185,659	91 915,017	12,791	12,321
37	44	96 916	6 672,393	84 729,358	12,698	12,228
38	45	96 726	6 194,736	78 056,965	12,601	12,130
39	46	96 517	5 750,096	71 862,229	12,498	12,027
40	47	96 290	5 336,305	66 112,133	12,389	11,919
41	48	96 031	4 950,659	60 775,828	12,276	11,806
42	49	95 750	4 591,808	55 825,169	12,158	11,687
43	50	95 434	4 257,358	51 233,361	12,034	11,564
44	51	95 090	3 946,056	46 976,003	11,905	11,434
45	52	94 710	3 656,065	43 029,946	11,769	11,299
46	53	94 284	3 385,705	39 373,881	11,629	11,159
47	54	93 821	3 134,023	35 988,176	11,483	11,013
48	55	93 306	2 899,371	32 854,153	11,331	10,861
49	56	92 738	2 680,667	29 954,782	11,174	10,704
50	57	92 112	2 476,801	27 274,115	11,012	10,542
51	58	91 421	2 286,730	24 797,314	10,844	10,374
52	59	90 666	2 109,632	22 510,584	10,670	10,200
53	60	89 829	1 944,327	20 400,953	10,493	10,022
54	61	88 899	1 789,956	18 456,626	10,311	9,841
55	62	87 909	1 646,529	16 666,670	10,122	9,652
56	63	86 838	1 512,988	15 020,141	9,927	9,457
57	64	85 677	1 388,613	13 507,153	9,727	9,257
58	65	84 411	1 272,651	12 118,540	9,522	9,052
59	66	83 028	1 164,464	10 845,889	9,314	8,844
60	67	81 542	1 063,827	9 681,425	9,101	8,630
61	68	79 940	970,173	8 617,598	8,883	8,412
62	69	78 254	883,452	7 647,426	8,656	8,186
63	70	76 442	802,780	6 763,974	8,426	7,955
64	71	74 523	728,034	5 961,194	8,188	7,718
65	72	72 476	658,633	5 233,160	7,945	7,475
66	73	70 334	594,574	4 574,528	7,694	7,224
67	74	68 113	535,628	3 979,954	7,430	6,960
68	75	65 746	480,941	3 444,326	7,162	6,691
69	76	63 286	430,649	2 963,385	6,881	6,411
70	77	60 627	383,774	2 532,736	6,600	6,129
71	78	57 820	340,467	2 148,962	6,312	5,842
72	79	54 824	300,306	1 808,495	6,022	5,552
73	80	51 633	263,093	1 508,189	5,733	5,262
74	81	48 245	228,678	1 245,097	5,445	4,974
75	82	44 693	197,063	1 016,418	5,158	4,688
76	83	40 999	168,162	819,355	4,872	4,402
77	84	37 164	141,798	651,193	4,592	4,122
78	85	33 236	117,962	509,395	4,318	3,848
79	86	29 251	96,576	391,433	4,053	3,583
80	87	25 257	77,572	294,857	3,801	3,331
81	88	21 371	61,058	217,285	3,559	3,088
82	89	17 659	46,931	156,227	3,329	2,859
83	90	14 199	35,105	109,295	3,113	2,643
84	91	11 073	25,465	74,191	2,913	2,443
85	92	8 341	17,844	48,726	2,731	2,260
86	93	6 048	12,036	30,881	2,566	2,095
87	94	4 209	7,791	18,845	2,419	1,948
88	95	2 791	4,806	11,054	2,300	1,830
89	96	1 787	2,862	6,248	2,183	1,713
90	97	1 093	1,629	3,386	2,078	1,608
91	98	648	0,899	1,757	1,955	1,484
92	99	360	0,464	0,858	1,850	1,380
93	100	187	0,224	0,394	1,760	1,290

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 405 087,171	14,105	13,634
1	9	99 259	92 334,309	1 305 468,336	14,138	13,668
2	10	99 226	85 863,426	1 213 134,028	14,129	13,658
3	11	99 205	79 855,765	1 127 270,602	14,116	13,646
4	12	99 184	74 269,336	1 047 414,836	14,103	13,633
5	13	99 165	69 074,277	973 145,500	14,088	13,618
6	14	99 147	64 243,579	904 071,223	14,073	13,602
7	15	99 127	59 749,000	839 827,645	14,056	13,586
8	16	99 106	55 568,833	780 078,644	14,038	13,568
9	17	99 084	51 680,434	724 509,811	14,019	13,549
10	18	99 061	48 063,917	672 829,378	13,999	13,528
11	19	99 033	44 698,078	624 765,460	13,977	13,507
12	20	99 006	41 567,869	580 067,382	13,955	13,484
13	21	98 979	38 657,596	538 499,513	13,930	13,460
14	22	98 954	35 951,162	499 841,917	13,903	13,433
15	23	98 924	33 433,116	463 890,755	13,875	13,405
16	24	98 888	31 089,151	430 457,639	13,846	13,376
17	25	98 846	28 907,789	399 368,487	13,815	13,345
18	26	98 799	26 878,069	370 460,698	13,783	13,313
19	27	98 741	24 988,407	343 582,628	13,750	13,279
20	28	98 679	23 230,249	318 594,221	13,715	13,244
21	29	98 610	21 594,407	295 363,972	13,678	13,208
22	30	98 540	20 073,641	273 769,566	13,638	13,168
23	31	98 466	18 659,190	253 695,925	13,596	13,126
24	32	98 390	17 343,878	235 036,735	13,552	13,081
25	33	98 308	16 120,444	217 692,857	13,504	13,034
26	34	98 226	14 983,210	201 572,413	13,453	12,983
27	35	98 141	13 925,817	186 589,203	13,399	12,929
28	36	98 049	12 942,201	172 663,386	13,341	12,871
29	37	97 953	12 027,414	159 721,184	13,280	12,809
30	38	97 852	11 176,740	147 693,770	13,214	12,744
31	39	97 738	10 384,892	136 517,030	13,146	12,675
32	40	97 613	9 647,964	126 132,138	13,073	12,603
33	41	97 478	8 962,476	116 484,174	12,997	12,527
34	42	97 335	8 324,912	107 521,698	12,916	12,445
35	43	97 176	7 731,447	99 196,787	12,830	12,360
36	44	97 002	7 179,192	91 465,340	12,740	12,270
37	45	96 817	6 665,587	84 286,148	12,645	12,175
38	46	96 619	6 187,848	77 620,561	12,544	12,074
39	47	96 395	5 742,795	71 432,713	12,439	11,968
40	48	96 152	5 328,655	65 689,918	12,328	11,857
41	49	95 877	4 942,740	60 361,263	12,212	11,742
42	50	95 577	4 583,490	55 418,523	12,091	11,621
43	51	95 246	4 248,969	50 835,033	11,964	11,494
44	52	94 880	3 937,340	46 586,064	11,832	11,362
45	53	94 477	3 647,089	42 648,724	11,694	11,224
46	54	94 026	3 376,452	39 001,635	11,551	11,081
47	55	93 539	3 124,591	35 625,184	11,402	10,931
48	56	92 997	2 889,764	32 500,593	11,247	10,777
49	57	92 402	2 670,966	29 610,829	11,086	10,616
50	58	91 744	2 466,913	26 939,863	10,920	10,450
51	59	91 018	2 276,644	24 472,950	10,750	10,279
52	60	90 229	2 099,442	22 196,306	10,572	10,102
53	61	89 345	1 933,845	20 096,864	10,392	9,922
54	62	88 402	1 779,941	18 163,019	10,204	9,734
55	63	87 375	1 636,524	16 383,079	10,011	9,541
56	64	86 266	1 503,026	14 746,555	9,811	9,341
57	65	85 053	1 378,494	13 243,529	9,607	9,137
58	66	83 735	1 262,454	11 865,035	9,398	8,928
59	67	82 303	1 154,292	10 602,581	9,185	8,715
60	68	80 751	1 053,514	9 448,289	8,968	8,498
61	69	79 124	960,262	8 394,775	8,742	8,272
62	70	77 380	873,582	7 434,513	8,510	8,040
63	71	75 510	792,999	6 560,931	8,274	7,803
64	72	73 526	718,285	5 767,932	8,030	7,560
65	73	71 432	649,142	5 049,647	7,779	7,309
66	74	69 245	585,368	4 400,505	7,517	7,047
67	75	66 948	526,464	3 815,137	7,247	6,776
68	76	64 492	471,771	3 288,673	6,971	6,501
69	77	61 905	421,249	2 816,901	6,687	6,217
70	78	59 145	374,390	2 395,652	6,399	5,929
71	79	56 195	330,900	2 021,262	6,108	5,638
72	80	53 019	290,419	1 690,362	5,820	5,350
73	81	49 650	252,988	1 399,944	5,534	5,063
74	82	46 119	218,602	1 146,956	5,247	4,776
75	83	42 443	187,143	928,354	4,961	4,490
76	84	38 617	158,395	741,211	4,680	4,209
77	85	34 666	132,266	582,816	4,406	3,936
78	86	30 669	108,853	450,550	4,139	3,669
79	87	26 650	87,990	341,697	3,883	3,413
80	88	22 701	69,722	253,708	3,639	3,169
81	89	18 917	54,047	183,985	3,404	2,934
82	90	15 347	40,787	129,938	3,186	2,715
83	91	12 099	29,911	89,151	2,980	2,510
84	92	9 220	21,204	59,239	2,794	2,324
85	93	6 777	14,497	38,035	2,624	2,153
86	94	4 783	9,518	23,538	2,473	2,003
87	95	3 219	5,959	14,020	2,353	1,882
88	96	2 096	3,609	8,061	2,233	1,763
89	97	1 305	2,091	4,451	2,129	1,659
90	98	790	1,178	2,361	2,004	1,534
91	99	451	0,625	1,183	1,893	1,423
92	100	241	0,310	0,558	1,798	1,327

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 404 371,299	14,098	13,628
1	10	99 253	92 328,334	1 304 758,632	14,132	13,661
2	11	99 220	85 858,339	1 212 430,298	14,121	13,651
3	12	99 197	79 849,817	1 126 571,959	14,109	13,638
4	13	99 177	74 263,461	1 046 722,142	14,095	13,624
5	14	99 157	69 068,356	972 458,681	14,080	13,609
6	15	99 137	64 236,837	903 390,326	14,063	13,593
7	16	99 114	59 741,526	839 153,489	14,046	13,576
8	17	99 092	55 560,992	779 411,963	14,028	13,558
9	18	99 069	51 672,867	723 850,971	14,008	13,538
10	19	99 041	48 054,130	672 178,104	13,988	13,518
11	20	99 014	44 689,450	624 123,974	13,966	13,496
12	21	98 987	41 560,172	579 434,524	13,942	13,472
13	22	98 963	38 651,196	537 874,352	13,916	13,446
14	23	98 936	35 944,941	499 223,156	13,889	13,418
15	24	98 903	33 425,862	463 278,215	13,860	13,390
16	25	98 871	31 083,880	429 852,353	13,829	13,359
17	26	98 827	28 902,399	398 768,474	13,797	13,327
18	27	98 779	26 872,840	369 866,075	13,764	13,293
19	28	98 720	24 982,949	342 993,235	13,729	13,259
20	29	98 654	23 224,455	318 010,286	13,693	13,223
21	30	98 584	21 588,818	294 785,830	13,655	13,184
22	31	98 511	20 067,680	273 197,012	13,614	13,144
23	32	98 435	18 653,234	253 129,332	13,570	13,100
24	33	98 355	17 337,858	234 476,098	13,524	13,054
25	34	98 273	16 114,704	217 138,239	13,475	13,004
26	35	98 187	14 977,350	201 023,535	13,422	12,952
27	36	98 101	13 920,212	186 046,185	13,365	12,895
28	37	98 003	12 936,134	172 125,972	13,306	12,836
29	38	97 908	12 021,879	159 189,839	13,242	12,771
30	39	97 795	11 170,194	147 167,960	13,175	12,705
31	40	97 680	10 378,705	135 997,766	13,104	12,633
32	41	97 546	9 641,416	125 619,060	13,029	12,559
33	42	97 404	8 955,639	115 977,644	12,950	12,480
34	43	97 254	8 318,004	107 022,005	12,866	12,396
35	44	97 088	7 724,489	98 704,002	12,778	12,308
36	45	96 903	7 171,869	90 979,513	12,686	12,215
37	46	96 709	6 658,175	83 807,644	12,587	12,117
38	47	96 496	6 179,991	77 149,469	12,484	12,013
39	48	96 257	5 734,563	70 969,478	12,376	11,905
40	49	95 998	5 320,131	65 234,915	12,262	11,792
41	50	95 703	4 933,787	59 914,784	12,144	11,673
42	51	95 388	4 574,457	54 980,997	12,019	11,549
43	52	95 036	4 239,584	50 406,540	11,890	11,419
44	53	94 647	3 927,673	46 166,956	11,754	11,284
45	54	94 219	3 637,121	42 239,284	11,613	11,143
46	55	93 743	3 366,290	38 602,163	11,467	10,997
47	56	93 229	3 114,238	35 235,873	11,314	10,844
48	57	92 660	2 879,307	32 121,635	11,156	10,686
49	58	92 033	2 660,303	29 242,329	10,992	10,522
50	59	91 339	2 456,032	26 582,026	10,823	10,353
51	60	90 578	2 265,648	24 125,994	10,649	10,178
52	61	89 742	2 088,124	21 860,346	10,469	9,999
53	62	88 845	1 923,025	19 772,222	10,282	9,812
54	63	87 865	1 769,125	17 849,197	10,089	9,619
55	64	86 800	1 625,748	16 080,073	9,891	9,421
56	65	85 637	1 492,073	14 454,325	9,687	9,217
57	66	84 371	1 367,449	12 962,252	9,479	9,009
58	67	83 003	1 251,426	11 594,802	9,265	8,795
59	68	81 505	1 143,102	10 343,376	9,049	8,578
60	69	79 926	1 042,752	9 200,275	8,823	8,353
61	70	78 240	949,534	8 157,522	8,591	8,121
62	71	76 437	862,939	7 207,988	8,353	7,883
63	72	74 499	782,380	6 345,050	8,110	7,640
64	73	72 466	707,935	5 562,669	7,858	7,387
65	74	70 326	639,092	4 854,734	7,596	7,126
66	75	68 060	575,353	4 215,643	7,327	6,857
67	76	65 671	516,426	3 640,289	7,049	6,579
68	77	63 085	461,474	3 123,863	6,769	6,299
69	78	60 391	410,949	2 662,389	6,479	6,008
70	79	57 483	363,869	2 251,440	6,187	5,717
71	80	54 345	320,005	1 887,571	5,899	5,428
72	81	50 983	279,264	1 567,565	5,613	5,143
73	82	47 462	241,841	1 288,301	5,327	4,857
74	83	43 797	207,597	1 046,460	5,041	4,571
75	84	39 978	176,273	838,863	4,759	4,289
76	85	36 022	147,747	662,590	4,485	4,014
77	86	31 989	122,052	514,842	4,218	3,748
78	87	27 942	99,175	392,790	3,961	3,490
79	88	23 953	79,086	293,615	3,713	3,242
80	89	20 095	61,717	214,529	3,476	3,006
81	90	16 441	46,972	152,813	3,253	2,783
82	91	13 076	34,753	105,841	3,045	2,575
83	92	10 074	24,906	71,088	2,854	2,384
84	93	7 491	17,227	46,182	2,681	2,211
85	94	5 359	11,465	28,955	2,526	2,055
86	95	3 658	7,280	17,490	2,403	1,932
87	96	2 417	4,475	10,210	2,282	1,811
88	97	1 531	2,637	5,735	2,175	1,705
89	98	944	1,512	3,099	2,050	1,580
90	99	549	0,819	1,587	1,938	1,468
91	100	302	0,418	0,768	1,837	1,366

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 403 598,701	14,091	13,621
1	11	99 247	92 322,863	1 303 992,479	14,124	13,654
2	12	99 213	85 851,944	1 211 669,616	14,113	13,643
3	13	99 189	79 843,500	1 125 817,672	14,100	13,630
4	14	99 168	74 257,095	1 045 974,173	14,086	13,616
5	15	99 146	69 061,108	971 717,078	14,070	13,600
6	16	99 124	64 228,801	902 655,970	14,054	13,583
7	17	99 100	59 733,096	838 427,169	14,036	13,566
8	18	99 077	55 552,857	778 694,073	14,017	13,547
9	19	99 049	51 662,344	723 141,216	13,997	13,527
10	20	99 022	48 044,854	671 478,872	13,976	13,506
11	21	98 996	44 681,175	623 434,018	13,953	13,483
12	22	98 971	41 553,292	578 752,843	13,928	13,458
13	23	98 946	38 644,507	537 199,551	13,901	13,431
14	24	98 915	35 937,142	498 555,044	13,873	13,403
15	25	98 886	33 420,194	462 617,902	13,842	13,372
16	26	98 853	31 078,084	429 197,709	13,810	13,340
17	27	98 808	28 896,776	398 119,625	13,777	13,307
18	28	98 758	26 866,970	369 222,849	13,743	13,272
19	29	98 695	24 976,719	342 355,880	13,707	13,237
20	30	98 628	23 218,445	317 379,161	13,669	13,199
21	31	98 555	21 582,408	294 160,716	13,630	13,159
22	32	98 479	20 061,275	272 578,308	13,587	13,117
23	33	98 401	18 646,761	252 517,033	13,542	13,072
24	34	98 320	17 331,685	233 870,272	13,494	13,024
25	35	98 235	16 108,402	216 538,587	13,443	12,972
26	36	98 148	14 971,322	200 430,185	13,388	12,917
27	37	98 055	13 913,686	185 458,863	13,329	12,859
28	38	97 958	12 930,180	171 545,178	13,267	12,797
29	39	97 851	12 014,838	158 614,998	13,202	12,731
30	40	97 736	11 163,540	146 600,159	13,132	12,662
31	41	97 614	10 371,661	135 436,619	13,058	12,588
32	42	97 472	9 634,061	125 064,958	12,982	12,511
33	43	97 323	8 948,208	115 430,897	12,900	12,430
34	44	97 166	8 310,518	106 482,689	12,813	12,343
35	45	96 989	7 716,610	98 172,171	12,722	12,252
36	46	96 795	7 163,894	90 455,562	12,627	12,156
37	47	96 587	6 649,721	83 291,667	12,526	12,055
38	48	96 358	6 171,132	76 641,947	12,419	11,949
39	49	96 103	5 725,390	70 470,815	12,308	11,838
40	50	95 824	5 310,494	64 745,425	12,192	11,722
41	51	95 515	4 924,064	59 434,931	12,070	11,600
42	52	95 178	4 564,353	54 510,867	11,943	11,472
43	53	94 802	4 229,174	49 946,514	11,810	11,340
44	54	94 389	3 916,938	45 717,340	11,672	11,201
45	55	93 935	3 626,174	41 800,402	11,527	11,057
46	56	93 433	3 355,136	38 174,228	11,378	10,908
47	57	92 891	3 102,968	34 819,092	11,221	10,751
48	58	92 290	2 867,812	31 716,124	11,059	10,589
49	59	91 628	2 648,569	28 848,312	10,892	10,422
50	60	90 898	2 444,169	26 199,743	10,719	10,249
51	61	90 090	2 253,434	23 755,574	10,542	10,072
52	62	89 240	2 076,441	21 502,140	10,355	9,885
53	63	88 305	1 911,339	19 425,699	10,163	9,693
54	64	87 286	1 757,476	17 514,360	9,966	9,495
55	65	86 167	1 613,901	15 756,884	9,763	9,293
56	66	84 951	1 480,118	14 142,983	9,555	9,085
57	67	83 634	1 355,504	12 662,865	9,342	8,872
58	68	82 199	1 239,294	11 307,361	9,124	8,654
59	69	80 672	1 131,425	10 068,067	8,899	8,428
60	70	79 033	1 031,103	8 936,642	8,667	8,197
61	71	77 286	937,965	7 905,539	8,428	7,958
62	72	75 414	851,383	6 967,574	8,184	7,714
63	73	73 426	771,107	6 116,190	7,932	7,461
64	74	71 344	696,974	5 345,083	7,669	7,199
65	75	69 122	628,158	4 648,109	7,400	6,929
66	76	66 762	564,383	4 019,951	7,123	6,652
67	77	64 238	505,154	3 455,568	6,841	6,370
68	78	61 542	450,190	2 950,414	6,554	6,083
69	79	58 694	399,401	2 500,224	6,260	5,790
70	80	55 590	351,890	2 100,823	5,970	5,500
71	81	52 258	307,715	1 748,933	5,684	5,213
72	82	48 737	266,959	1 441,218	5,399	4,928
73	83	45 073	229,666	1 174,259	5,113	4,643
74	84	41 254	195,540	944,593	4,831	4,360
75	85	37 291	164,424	749,053	4,556	4,085
76	86	33 240	136,338	584,629	4,288	3,818
77	87	29 145	111,201	448,291	4,031	3,561
78	88	25 115	89,139	337,091	3,782	3,311
79	89	21 203	70,005	247,951	3,542	3,072
80	90	17 464	53,637	177,946	3,318	2,847
81	91	14 009	40,023	124,309	3,106	2,636
82	92	10 888	28,938	84,287	2,913	2,442
83	93	8 185	20,235	55,349	2,735	2,265
84	94	5 924	13,623	35,114	2,578	2,107
85	95	4 099	8,768	21,491	2,451	1,981
86	96	2 747	5,467	12,723	2,327	1,857
87	97	1 766	3,269	7,256	2,219	1,749
88	98	1 107	1,906	3,987	2,091	1,621
89	99	656	1,051	2,080	1,980	1,509
90	100	368	0,548	1,030	1,878	1,408

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 402 765,259	14,084	13,614
1	12	99 240	92 315,987	1 303 164,939	14,116	13,646
2	13	99 205	85 845,151	1 210 848,953	14,105	13,635
3	14	99 181	79 836,656	1 125 003,802	14,091	13,621
4	15	99 158	74 249,303	1 045 167,146	14,076	13,606
5	16	99 134	69 052,468	970 917,843	14,061	13,590
6	17	99 110	64 219,738	901 865,375	14,043	13,573
7	18	99 086	59 724,350	837 645,637	14,025	13,555
8	19	99 057	55 541,544	777 921,287	14,006	13,536
9	20	99 030	51 652,372	722 379,743	13,985	13,515
10	21	99 004	48 035,958	670 727,371	13,963	13,493
11	22	98 980	44 673,778	622 691,414	13,939	13,468
12	23	98 954	41 546,101	578 017,636	13,913	13,442
13	24	98 924	38 636,122	536 471,535	13,885	13,415
14	25	98 898	35 931,048	497 835,412	13,855	13,385
15	26	98 868	33 413,962	461 904,365	13,824	13,353
16	27	98 834	31 072,037	428 490,403	13,790	13,320
17	28	98 787	28 890,464	397 418,366	13,756	13,286
18	29	98 733	26 860,269	368 527,902	13,720	13,250
19	30	98 670	24 970,255	341 667,633	13,683	13,213
20	31	98 599	23 211,551	316 697,378	13,644	13,174
21	32	98 523	21 575,519	293 485,827	13,603	13,132
22	33	98 445	20 054,313	271 910,308	13,559	13,088
23	34	98 366	18 640,122	251 855,995	13,511	13,041
24	35	98 282	17 324,907	233 215,874	13,461	12,991
25	36	98 195	16 101,918	215 890,967	13,408	12,937
26	37	98 102	14 964,303	199 789,049	13,351	12,881
27	38	98 010	13 907,282	184 824,746	13,290	12,820
28	39	97 901	12 922,607	170 917,464	13,226	12,756
29	40	97 792	12 007,681	157 994,856	13,158	12,688
30	41	97 670	11 155,963	145 987,175	13,086	12,616
31	42	97 539	10 363,749	134 831,212	13,010	12,540
32	43	97 391	9 626,067	124 467,463	12,930	12,460
33	44	97 235	8 940,155	114 841,396	12,846	12,375
34	45	97 067	8 302,041	105 901,241	12,756	12,286
35	46	96 881	7 708,029	97 599,201	12,662	12,192
36	47	96 672	7 154,798	89 891,171	12,564	12,093
37	48	96 448	6 640,188	82 736,373	12,460	11,990
38	49	96 204	6 161,260	76 096,185	12,351	11,880
39	50	95 929	5 715,019	69 934,925	12,237	11,767
40	51	95 635	5 300,029	64 219,906	12,117	11,647
41	52	95 304	4 913,188	58 919,877	11,992	11,522
42	53	94 944	4 553,147	54 006,690	11,861	11,391
43	54	94 543	4 217,615	49 453,543	11,725	11,255
44	55	94 104	3 905,149	45 235,928	11,584	11,113
45	56	93 624	3 614,159	41 330,779	11,436	10,966
46	57	93 095	3 342,994	37 716,619	11,282	10,812
47	58	92 520	3 090,580	34 373,625	11,122	10,652
48	59	91 883	2 855,163	31 283,045	10,957	10,486
49	60	91 185	2 635,777	28 427,882	10,785	10,315
50	61	90 408	2 430,993	25 792,106	10,610	10,139
51	62	89 586	2 240,826	23 361,113	10,425	9,955
52	63	88 698	2 063,823	21 120,287	10,234	9,763
53	64	87 724	1 898,754	19 056,465	10,036	9,566
54	65	86 650	1 744,669	17 157,710	9,834	9,364
55	66	85 477	1 600,970	15 413,042	9,627	9,157
56	67	84 209	1 467,189	13 812,072	9,414	8,944
57	68	82 823	1 342,363	12 344,883	9,196	8,726
58	69	81 359	1 226,635	11 002,520	8,970	8,499
59	70	79 771	1 118,784	9 775,885	8,738	8,268
60	71	78 070	1 018,540	8 657,100	8,500	8,029
61	72	76 252	925,406	7 638,560	8,254	7,784
62	73	74 327	839,116	6 713,154	8,000	7,530
63	74	72 289	759,168	5 874,039	7,737	7,267
64	75	70 124	685,050	5 114,871	7,466	6,996
65	76	67 804	616,180	4 429,821	7,189	6,719
66	77	65 305	552,065	3 813,640	6,908	6,438
67	78	62 667	492,802	3 261,576	6,618	6,148
68	79	59 813	437,540	2 768,773	6,328	5,858
69	80	56 762	386,252	2 331,234	6,036	5,565
70	81	53 455	338,374	1 944,982	5,748	5,278
71	82	49 955	294,156	1 606,608	5,462	4,991
72	83	46 283	253,520	1 312,452	5,177	4,707
73	84	42 455	216,326	1 058,931	4,895	4,425
74	85	38 480	182,395	842,605	4,620	4,149
75	86	34 411	151,727	660,210	4,351	3,881
76	87	30 285	124,217	508,483	4,094	3,623
77	88	26 196	99,948	384,266	3,845	3,374
78	89	22 231	78,904	284,318	3,603	3,133
79	90	18 427	60,840	205,414	3,376	2,906
80	91	14 880	45,702	144,574	3,163	2,693
81	92	11 664	33,326	98,872	2,967	2,497
82	93	8 846	23,510	65,546	2,788	2,318
83	94	6 472	16,002	42,036	2,627	2,157
84	95	4 531	10,419	26,034	2,499	2,028
85	96	3 078	6,585	15,615	2,371	1,901
86	97	2 007	3,994	9,030	2,261	1,791
87	98	1 277	2,363	5,036	2,131	1,661
88	99	770	1,325	2,673	2,017	1,547
89	100	439	0,704	1,348	1,916	1,445

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 401 865,680	14,076	13,606
1	13	99 232	92 308,683	1 302 272,779	14,108	13,638
2	14	99 196	85 837,793	1 209 964,096	14,096	13,626
3	15	99 170	79 828,278	1 124 126,303	14,082	13,612
4	16	99 145	74 240,014	1 044 298,025	14,067	13,596
5	17	99 120	69 042,725	970 058,011	14,050	13,580
6	18	99 096	64 210,335	901 015,287	14,032	13,562
7	19	99 065	59 712,188	836 804,951	14,014	13,544
8	20	99 038	55 530,823	777 092,764	13,994	13,524
9	21	99 012	51 642,807	721 561,940	13,972	13,502
10	22	98 987	48 028,005	669 919,133	13,949	13,478
11	23	98 962	44 666,047	621 891,128	13,923	13,453
12	24	98 932	41 537,086	577 225,081	13,897	13,426
13	25	98 908	38 629,571	535 687,995	13,867	13,397
14	26	98 880	35 924,348	497 058,424	13,836	13,366
15	27	98 849	33 407,461	461 134,076	13,803	13,333
16	28	98 812	31 065,250	427 726,615	13,769	13,298
17	29	98 762	28 883,258	396 661,366	13,733	13,263
18	30	98 708	26 853,318	367 778,107	13,696	13,226
19	31	98 640	24 962,841	340 924,789	13,657	13,187
20	32	98 568	23 204,142	315 961,948	13,617	13,146
21	33	98 489	21 568,031	292 757,806	13,574	13,103
22	34	98 410	20 047,172	271 189,775	13,528	13,057
23	35	98 327	18 632,831	251 142,603	13,478	13,008
24	36	98 242	17 317,934	232 509,772	13,426	12,956
25	37	98 149	16 094,369	215 191,838	13,371	12,900
26	38	98 057	14 957,416	199 097,469	13,311	12,841
27	39	97 953	13 899,137	184 140,053	13,248	12,778
28	40	97 843	12 914,909	170 240,916	13,182	12,711
29	41	97 726	11 999,531	157 326,006	13,111	12,641
30	42	97 595	11 147,453	145 326,475	13,037	12,566
31	43	97 458	10 355,149	134 179,022	12,958	12,487
32	44	97 304	9 617,404	123 823,873	12,875	12,405
33	45	97 136	8 931,036	114 206,469	12,788	12,317
34	46	96 959	8 292,809	105 275,434	12,695	12,225
35	47	96 758	7 698,242	96 982,624	12,598	12,128
36	48	96 534	7 144,541	89 284,382	12,497	12,027
37	49	96 294	6 629,567	82 139,841	12,390	11,920
38	50	96 029	6 150,100	75 510,274	12,278	11,808
39	51	95 739	5 703,756	69 360,175	12,160	11,690
40	52	95 424	5 288,322	63 656,419	12,037	11,567
41	53	95 070	4 901,124	58 368,096	11,909	11,439
42	54	94 684	4 540,702	53 466,972	11,775	11,305
43	55	94 259	4 204,922	48 926,270	11,635	11,165
44	56	93 793	3 892,210	44 721,348	11,490	11,020
45	57	93 285	3 601,080	40 829,138	11,338	10,868
46	58	92 723	3 329,648	37 228,058	11,181	10,710
47	59	92 112	3 076,949	33 898,410	11,017	10,547
48	60	91 440	2 841,372	30 821,461	10,847	10,377
49	61	90 693	2 621,567	27 980,089	10,673	10,203
50	62	89 902	2 417,391	25 358,522	10,490	10,020
51	63	89 042	2 227,209	22 941,131	10,300	9,830
52	64	88 114	2 050,234	20 713,922	10,103	9,633
53	65	87 085	1 884,917	18 663,688	9,902	9,431
54	66	85 956	1 730,690	16 778,770	9,695	9,225
55	67	84 730	1 586,985	15 048,080	9,482	9,012
56	68	83 393	1 452,965	13 461,096	9,265	8,794
57	69	81 977	1 328,651	12 008,131	9,038	8,568
58	70	80 450	1 212,931	10 679,479	8,805	8,334
59	71	78 799	1 105,154	9 466,548	8,566	8,096
60	72	77 025	1 004,901	8 361,394	8,321	7,850
61	73	75 153	912,071	7 356,493	8,066	7,595
62	74	73 176	826,124	6 444,422	7,801	7,331
63	75	71 052	746,180	5 618,298	7,529	7,059
64	76	68 786	671,988	4 872,118	7,250	6,780
65	77	66 325	602,732	4 200,130	6,968	6,498
66	78	63 708	538,566	3 597,398	6,680	6,209
67	79	60 906	478,954	3 058,833	6,386	5,916
68	80	57 843	423,135	2 579,879	6,097	5,627
69	81	54 581	371,417	2 156,744	5,807	5,337
70	82	51 100	323,465	1 785,327	5,519	5,049
71	83	47 440	279,348	1 461,863	5,233	4,763
72	84	43 595	238,795	1 182,515	4,952	4,482
73	85	39 601	201,785	943,720	4,677	4,207
74	86	35 509	168,311	741,935	4,408	3,938
75	87	31 352	138,237	573,625	4,150	3,679
76	88	27 220	111,647	435,387	3,900	3,429
77	89	23 188	88,472	323,740	3,659	3,189
78	90	19 321	68,574	235,268	3,431	2,961
79	91	15 701	51,840	166,694	3,216	2,745
80	92	12 390	38,054	114,855	3,018	2,548
81	93	9 477	27,075	76,800	2,837	2,366
82	94	6 996	18,592	49,725	2,675	2,204
83	95	4 950	12,239	31,133	2,544	2,074
84	96	3 402	7,825	18,895	2,415	1,945
85	97	2 248	4,810	11,070	2,301	1,831
86	98	1 451	2,887	6,260	2,168	1,698
87	99	888	1,643	3,373	2,053	1,582
88	100	515	0,887	1,730	1,949	1,479

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 400 896,510	14,067	13,597
1	14	99 223	92 300,770	1 301 311,488	14,099	13,628
2	15	99 186	85 828,785	1 209 010,718	14,086	13,616
3	16	99 158	79 818,291	1 123 181,933	14,072	13,601
4	17	99 131	74 229,538	1 043 363,642	14,056	13,586
5	18	99 105	69 032,616	969 134,103	14,039	13,569
6	19	99 076	64 197,259	900 101,488	14,021	13,551
7	20	99 046	59 700,662	835 904,228	14,002	13,531
8	21	99 020	55 520,541	776 203,567	13,980	13,510
9	22	98 995	51 634,258	720 683,026	13,957	13,487
10	23	98 970	48 019,694	669 048,768	13,933	13,463
11	24	98 941	44 656,355	621 029,074	13,907	13,437
12	25	98 915	41 530,043	576 372,719	13,878	13,408
13	26	98 889	38 622,368	534 842,676	13,848	13,378
14	27	98 861	35 917,358	496 220,309	13,816	13,345
15	28	98 827	33 400,163	460 302,950	13,781	13,311
16	29	98 787	31 057,502	426 902,787	13,746	13,275
17	30	98 736	28 875,784	395 845,285	13,709	13,238
18	31	98 678	26 845,345	366 969,501	13,670	13,199
19	32	98 609	24 954,873	340 124,156	13,630	13,159
20	33	98 534	23 196,089	315 169,283	13,587	13,117
21	34	98 454	21 560,352	291 973,194	13,542	13,072
22	35	98 372	20 039,331	270 412,842	13,494	13,024
23	36	98 288	18 625,332	250 373,511	13,443	12,972
24	37	98 196	17 309,814	231 748,179	13,388	12,918
25	38	98 104	16 086,962	214 438,365	13,330	12,860
26	39	97 999	14 948,656	198 351,403	13,269	12,799
27	40	97 894	13 890,858	183 402,747	13,203	12,733
28	41	97 776	12 906,144	169 511,889	13,134	12,664
29	42	97 651	11 990,377	156 605,745	13,061	12,591
30	43	97 514	11 138,202	144 615,368	12,984	12,513
31	44	97 371	10 345,830	133 477,166	12,902	12,431
32	45	97 204	9 607,594	123 131,335	12,816	12,346
33	46	97 028	8 921,105	113 523,741	12,725	12,255
34	47	96 836	8 282,280	104 602,637	12,630	12,159
35	48	96 619	7 687,206	96 320,357	12,530	12,060
36	49	96 379	7 133,113	88 633,151	12,426	11,955
37	50	96 119	6 617,557	81 500,038	12,316	11,845
38	51	95 840	6 137,980	74 882,480	12,200	11,730
39	52	95 528	5 691,158	68 744,501	12,079	11,609
40	53	95 189	5 275,338	63 053,343	11,952	11,482
41	54	94 810	4 887,729	57 778,005	11,821	11,351
42	55	94 399	4 527,036	52 890,276	11,683	11,213
43	56	93 946	4 190,989	48 363,240	11,540	11,070
44	57	93 453	3 878,125	44 172,250	11,390	10,920
45	58	92 913	3 586,704	40 294,126	11,234	10,764
46	59	92 314	3 314,962	36 707,422	11,073	10,603
47	60	91 667	3 062,087	33 392,460	10,905	10,435
48	61	90 947	2 826,055	30 330,373	10,732	10,262
49	62	90 186	2 606,899	27 504,318	10,551	10,080
50	63	89 356	2 402,702	24 897,419	10,362	9,892
51	64	88 455	2 212,544	22 494,718	10,167	9,697
52	65	87 472	2 035,293	20 282,174	9,965	9,495
53	66	86 387	1 869,815	18 246,881	9,759	9,288
54	67	85 205	1 715,572	16 377,065	9,546	9,076
55	68	83 909	1 571,600	14 661,494	9,329	8,859
56	69	82 541	1 438,123	13 089,894	9,102	8,632
57	70	81 061	1 313,807	11 651,771	8,869	8,398
58	71	79 470	1 198,153	10 337,963	8,628	8,158
59	72	77 744	1 090,355	9 139,810	8,382	7,912
60	73	75 915	990,422	8 049,454	8,127	7,657
61	74	73 989	897,950	7 059,033	7,861	7,391
62	75	71 924	811,990	6 161,083	7,588	7,117
63	76	69 697	731,952	5 349,093	7,308	6,838
64	77	67 285	657,321	4 617,141	7,024	6,554
65	78	64 703	587,994	3 959,820	6,734	6,264
66	79	61 918	523,432	3 371,826	6,442	5,971
67	80	58 901	463,186	2 848,394	6,150	5,679
68	81	55 622	406,883	2 385,209	5,862	5,392
69	82	52 176	355,051	1 978,326	5,572	5,102
70	83	48 527	307,181	1 623,275	5,284	4,814
71	84	44 685	263,123	1 316,094	5,002	4,532
72	85	40 664	222,743	1 052,971	4,727	4,257
73	86	36 543	186,203	830,228	4,459	3,988
74	87	32 352	153,346	644,026	4,200	3,730
75	88	28 179	124,249	490,679	3,949	3,479
76	89	24 095	98,827	366,430	3,708	3,238
77	90	20 152	76,889	267,603	3,480	3,010
78	91	16 462	58,429	190,714	3,264	2,794
79	92	13 074	43,165	132,284	3,065	2,594
80	93	10 066	30,917	89,119	2,883	2,412
81	94	7 494	21,411	58,202	2,718	2,248
82	95	5 350	14,220	36,791	2,587	2,117
83	96	3 718	9,191	22,572	2,456	1,986
84	97	2 485	5,716	13,381	2,341	1,871
85	98	1 626	3,478	7,665	2,204	1,734
86	99	1 009	2,007	4,187	2,086	1,616
87	100	594	1,100	2,180	1,982	1,511

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 399 852,920	14,058	13,588
1	15	99 213	92 291,085	1 300 276,435	14,089	13,619
2	16	99 173	85 818,048	1 207 985,350	14,076	13,606
3	17	99 144	79 807,029	1 122 167,302	14,061	13,591
4	18	99 117	74 218,670	1 042 360,274	14,044	13,574
5	19	99 085	69 018,558	968 141,604	14,027	13,557
6	20	99 057	64 184,868	899 123,046	14,008	13,538
7	21	99 028	59 689,607	834 938,179	13,988	13,518
8	22	99 003	55 511,349	775 248,572	13,966	13,495
9	23	98 978	51 625,322	719 737,223	13,942	13,471
10	24	98 949	48 009,274	668 111,900	13,916	13,446
11	25	98 924	44 648,783	620 102,626	13,888	13,418
12	26	98 897	41 522,299	575 453,843	13,859	13,389
13	27	98 870	38 614,853	533 931,544	13,827	13,357
14	28	98 839	35 909,513	495 316,691	13,793	13,323
15	29	98 802	33 391,834	459 407,178	13,758	13,288
16	30	98 762	31 049,465	426 015,345	13,721	13,250
17	31	98 707	28 867,210	394 965,879	13,682	13,212
18	32	98 647	26 836,776	366 098,670	13,642	13,171
19	33	98 575	24 946,212	339 261,894	13,600	13,129
20	34	98 498	23 187,830	314 315,681	13,555	13,085
21	35	98 416	21 551,919	291 127,851	13,508	13,038
22	36	98 332	20 031,266	269 575,932	13,458	12,987
23	37	98 242	18 616,599	249 544,666	13,404	12,934
24	38	98 151	17 301,848	230 928,067	13,347	12,877
25	39	98 046	16 077,540	213 626,219	13,287	12,817
26	40	97 941	14 939,751	197 548,678	13,223	12,753
27	41	97 828	13 881,430	182 608,928	13,155	12,685
28	42	97 702	12 896,298	168 727,498	13,083	12,613
29	43	97 570	11 980,428	155 831,199	13,007	12,537
30	44	97 427	11 128,179	143 850,772	12,927	12,456
31	45	97 271	10 335,277	132 722,593	12,842	12,371
32	46	97 096	9 596,910	122 387,315	12,753	12,283
33	47	96 905	8 909,777	112 790,405	12,659	12,189
34	48	96 697	8 270,407	103 880,628	12,561	12,090
35	49	96 465	7 674,910	95 610,221	12,458	11,987
36	50	96 205	7 120,192	87 935,311	12,350	11,880
37	51	95 930	6 604,516	80 815,119	12,236	11,766
38	52	95 628	6 124,422	74 210,603	12,117	11,647
39	53	95 293	5 677,184	68 086,180	11,993	11,523
40	54	94 929	5 260,920	62 408,996	11,863	11,392
41	55	94 525	4 873,018	57 148,076	11,727	11,257
42	56	94 087	4 512,036	52 275,058	11,586	11,115
43	57	93 606	4 175,822	47 763,021	11,438	10,968
44	58	93 080	3 862,642	43 587,199	11,284	10,814
45	59	92 503	3 570,884	39 724,557	11,125	10,654
46	60	91 868	3 298,951	36 153,673	10,959	10,489
47	61	91 173	3 045,579	32 854,722	10,788	10,317
48	62	90 438	2 810,243	29 809,142	10,607	10,137
49	63	89 638	2 591,058	26 998,900	10,420	9,950
50	64	88 768	2 386,881	24 407,842	10,226	9,756
51	65	87 811	2 196,420	22 020,961	10,026	9,556
52	66	86 771	2 018,986	19 824,540	9,819	9,349
53	67	85 632	1 853,482	17 805,554	9,607	9,136
54	68	84 379	1 698,940	15 952,073	9,389	8,919
55	69	83 052	1 555,546	14 253,133	9,163	8,693
56	70	81 619	1 422,056	12 697,586	8,929	8,459
57	71	80 074	1 297,801	11 275,530	8,688	8,218
58	72	78 406	1 182,110	9 977,729	8,441	7,970
59	73	76 624	1 074,644	8 795,620	8,185	7,714
60	74	74 740	975,087	7 720,976	7,918	7,448
61	75	72 723	882,587	6 745,889	7,643	7,173
62	76	70 553	796,507	5 863,301	7,361	6,891
63	77	68 176	715,976	5 066,794	7,077	6,606
64	78	65 640	641,248	4 350,817	6,785	6,315
65	79	62 885	571,471	3 709,569	6,491	6,021
66	80	59 880	506,199	3 138,098	6,199	5,729
67	81	56 639	445,396	2 631,899	5,909	5,439
68	82	53 171	388,954	2 186,504	5,621	5,151
69	83	49 550	337,177	1 797,549	5,331	4,861
70	84	45 709	289,339	1 460,372	5,047	4,577
71	85	41 681	245,435	1 171,033	4,771	4,301
72	86	37 524	205,543	925,598	4,503	4,033
73	87	33 294	169,648	720,055	4,244	3,774
74	88	29 078	137,829	550,407	3,993	3,523
75	89	24 943	109,982	412,578	3,751	3,281
76	90	20 940	85,889	302,596	3,523	3,053
77	91	17 171	65,514	216,707	3,308	2,837
78	92	13 708	48,652	151,192	3,108	2,637
79	93	10 622	35,069	102,540	2,924	2,454
80	94	7 961	24,449	67,471	2,760	2,289
81	95	5 732	16,376	43,022	2,627	2,157
82	96	4 018	10,679	26,646	2,495	2,025
83	97	2 716	6,714	15,968	2,378	1,908
84	98	1 797	4,132	9,254	2,239	1,769
85	99	1 130	2,418	5,121	2,118	1,648
86	100	675	1,344	2,704	2,012	1,541

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 398 729,940	14,048	13,578
1	16	99 201	92 279,539	1 299 163,903	14,079	13,608
2	17	99 159	85 805,939	1 206 884,365	14,065	13,595
3	18	99 130	79 795,344	1 121 078,426	14,049	13,579
4	19	99 097	74 203,556	1 041 283,082	14,033	13,563
5	20	99 066	69 005,236	967 079,527	14,015	13,544
6	21	99 038	64 172,983	898 074,291	13,995	13,524
7	22	99 012	59 679,725	833 901,308	13,973	13,503
8	23	98 986	55 501,743	774 221,583	13,950	13,479
9	24	98 957	51 614,120	718 719,841	13,925	13,455
10	25	98 932	48 001,133	667 105,720	13,898	13,427
11	26	98 906	44 640,458	619 104,587	13,869	13,398
12	27	98 878	41 514,220	574 464,129	13,838	13,367
13	28	98 848	38 606,418	532 949,909	13,805	13,334
14	29	98 814	35 900,557	494 343,491	13,770	13,300
15	30	98 777	33 383,193	458 442,934	13,733	13,262
16	31	98 733	31 040,245	425 059,741	13,694	13,224
17	32	98 676	28 857,996	394 019,496	13,654	13,183
18	33	98 612	26 827,462	365 161,500	13,611	13,141
19	34	98 540	24 937,330	338 334,038	13,567	13,097
20	35	98 460	23 178,761	313 396,708	13,521	13,051
21	36	98 376	21 543,245	290 217,947	13,471	13,001
22	37	98 286	20 021,874	268 674,701	13,419	12,949
23	38	98 196	18 608,031	248 652,827	13,363	12,892
24	39	98 094	17 291,715	230 044,796	13,304	12,833
25	40	97 988	16 067,963	212 753,081	13,241	12,771
26	41	97 874	14 929,611	196 685,118	13,174	12,704
27	42	97 753	13 870,840	181 755,507	13,103	12,633
28	43	97 621	12 885,597	167 884,666	13,029	12,559
29	44	97 483	11 969,646	154 999,069	12,949	12,479
30	45	97 327	11 116,828	143 029,423	12,866	12,396
31	46	97 163	10 323,785	131 912,595	12,778	12,307
32	47	96 973	9 584,725	121 588,811	12,686	12,215
33	48	96 766	8 897,005	112 004,086	12,589	12,119
34	49	96 543	8 257,178	103 107,081	12,487	12,017
35	50	96 290	7 661,007	94 849,903	12,381	11,911
36	51	96 015	7 106,160	87 188,896	12,269	11,799
37	52	95 718	6 589,929	80 082,736	12,152	11,682
38	53	95 394	6 109,385	73 492,807	12,029	11,559
39	54	95 033	5 661,668	67 383,422	11,902	11,431
40	55	94 644	5 245,086	61 721,754	11,768	11,297
41	56	94 211	4 856,872	56 476,668	11,628	11,158
42	57	93 746	4 495,708	51 619,796	11,482	11,012
43	58	93 233	4 159,151	47 124,088	11,330	10,860
44	59	92 670	3 845,606	42 964,937	11,172	10,702
45	60	92 056	3 553,637	39 119,331	11,008	10,538
46	61	91 373	3 281,166	35 565,694	10,839	10,369
47	62	90 663	3 028,539	32 284,528	10,660	10,190
48	63	89 888	2 793,166	29 255,989	10,474	10,004
49	64	89 048	2 573,997	26 462,823	10,281	9,811
50	65	88 121	2 369,487	23 888,826	10,082	9,612
51	66	87 107	2 178,822	21 519,339	9,877	9,406
52	67	86 013	2 001,349	19 340,516	9,664	9,193
53	68	84 802	1 835,513	17 339,167	9,446	8,976
54	69	83 517	1 681,586	15 503,654	9,220	8,749
55	70	82 124	1 538,168	13 822,068	8,986	8,516
56	71	80 625	1 404,731	12 283,900	8,745	8,274
57	72	79 002	1 280,423	10 879,170	8,497	8,026
58	73	77 276	1 165,076	9 598,747	8,239	7,768
59	74	75 438	1 058,006	8 433,671	7,971	7,501
60	75	73 461	958,405	7 375,665	7,696	7,225
61	76	71 337	865,759	6 417,260	7,412	6,942
62	77	69 013	779,123	5 551,502	7,125	6,655
63	78	66 509	698,469	4 772,379	6,833	6,362
64	79	63 795	623,229	4 073,910	6,537	6,066
65	80	60 814	552,656	3 450,681	6,244	5,774
66	81	57 580	486,757	2 898,024	5,954	5,483
67	82	54 143	425,770	2 411,268	5,663	5,193
68	83	50 494	369,374	1 985,497	5,375	4,905
69	84	46 672	317,593	1 616,123	5,089	4,618
70	85	42 636	269,890	1 298,530	4,811	4,341
71	86	38 462	226,482	1 028,641	4,542	4,072
72	87	34 188	187,268	802,158	4,283	3,813
73	88	29 925	152,481	614,890	4,033	3,562
74	89	25 739	122,003	462,409	3,790	3,320
75	90	21 678	95,584	340,406	3,561	3,091
76	91	17 842	73,183	244,822	3,345	2,875
77	92	14 297	54,552	171,639	3,146	2,676
78	93	11 137	39,527	117,088	2,962	2,492
79	94	8 400	27,733	77,561	2,797	2,326
80	95	6 088	18,699	49,828	2,665	2,194
81	96	4 304	12,298	31,129	2,531	2,061
82	97	2 935	7,801	18,831	2,414	1,944
83	98	1 963	4,854	11,030	2,272	1,802
84	99	1 249	2,873	6,176	2,150	1,679
85	100	757	1,619	3,303	2,041	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 397 523,587	14,038	13,568
1	17	99 187	92 266,518	1 297 970,007	14,068	13,597
2	18	99 145	85 793,375	1 205 703,489	14,054	13,583
3	19	99 109	79 779,094	1 119 910,113	14,038	13,567
4	20	99 077	74 189,233	1 040 131,020	14,020	13,550
5	21	99 048	68 992,458	965 941,787	14,001	13,530
6	22	99 022	64 162,358	896 949,329	13,979	13,509
7	23	98 994	59 669,398	832 786,971	13,957	13,486
8	24	98 965	55 489,700	773 117,573	13,933	13,462
9	25	98 940	51 605,368	717 627,873	13,906	13,436
10	26	98 913	47 992,183	666 022,505	13,878	13,407
11	27	98 887	44 631,772	618 030,322	13,847	13,377
12	28	98 856	41 505,152	573 398,550	13,815	13,345
13	29	98 824	38 596,790	531 893,398	13,781	13,310
14	30	98 789	35 891,267	493 296,608	13,744	13,274
15	31	98 747	33 373,280	457 405,341	13,706	13,235
16	32	98 701	31 030,338	424 032,061	13,665	13,195
17	33	98 641	28 847,981	393 001,723	13,623	13,153
18	34	98 577	26 817,910	364 153,743	13,579	13,108
19	35	98 501	24 927,577	337 335,832	13,533	13,062
20	36	98 420	23 169,432	312 408,256	13,484	13,013
21	37	98 330	21 533,145	289 238,824	13,432	12,962
22	38	98 241	20 012,660	267 705,679	13,377	12,907
23	39	98 139	18 597,133	247 693,019	13,319	12,849
24	40	98 035	17 281,414	229 095,886	13,257	12,786
25	41	97 921	16 057,058	211 814,472	13,191	12,721
26	42	97 800	14 918,222	195 757,414	13,122	12,652
27	43	97 672	13 859,330	180 839,192	13,048	12,578
28	44	97 533	12 874,001	166 979,862	12,970	12,500
29	45	97 383	11 957,437	154 105,861	12,888	12,418
30	46	97 219	11 104,466	142 148,424	12,801	12,331
31	47	97 040	10 310,677	131 043,958	12,710	12,239
32	48	96 834	9 570,985	120 733,282	12,615	12,144
33	49	96 611	8 882,773	111 162,297	12,514	12,044
34	50	96 368	8 242,220	102 279,524	12,409	11,939
35	51	96 100	7 645,910	94 037,304	12,299	11,829
36	52	95 803	7 090,464	86 391,394	12,184	11,714
37	53	95 483	6 573,748	79 300,929	12,063	11,593
38	54	95 133	6 092,687	72 727,181	11,937	11,467
39	55	94 747	5 644,628	66 634,494	11,805	11,335
40	56	94 330	5 227,707	60 989,865	11,667	11,196
41	57	93 871	4 839,296	55 762,158	11,523	11,053
42	58	93 372	4 477,760	50 922,862	11,372	10,902
43	59	92 822	4 140,807	46 445,103	11,216	10,746
44	60	92 222	3 827,031	42 304,295	11,054	10,584
45	61	91 560	3 534,479	38 477,264	10,886	10,416
46	62	90 862	3 262,808	34 942,785	10,709	10,239
47	63	90 112	3 010,136	31 679,977	10,524	10,054
48	64	89 296	2 774,774	28 669,841	10,332	9,862
49	65	88 399	2 555,240	25 895,067	10,134	9,664
50	66	87 415	2 350,502	23 339,827	9,930	9,459
51	67	86 346	2 159,789	20 989,325	9,718	9,248
52	68	85 179	1 981,947	18 829,536	9,501	9,030
53	69	83 936	1 816,764	16 847,588	9,273	8,803
54	70	82 584	1 662,799	15 030,824	9,039	8,569
55	71	81 123	1 519,427	13 368,025	8,798	8,328
56	72	79 545	1 385,921	11 848,598	8,549	8,079
57	73	77 863	1 261,973	10 462,677	8,291	7,820
58	74	76 080	1 147,038	9 200,705	8,021	7,551
59	75	74 147	1 039,905	8 053,667	7,745	7,274
60	76	72 060	940,130	7 013,762	7,460	6,990
61	77	69 780	846,863	6 073,632	7,172	6,702
62	78	67 325	760,072	5 226,769	6,877	6,406
63	79	64 640	678,842	4 466,698	6,580	6,110
64	80	61 695	602,710	3 787,855	6,285	5,814
65	81	58 478	531,430	3 185,145	5,994	5,523
66	82	55 043	465,309	2 653,715	5,703	5,233
67	83	51 417	404,336	2 188,406	5,412	4,942
68	84	47 561	347,920	1 784,070	5,128	4,658
69	85	43 535	296,244	1 436,150	4,848	4,378
70	86	39 344	249,048	1 139,906	4,577	4,107
71	87	35 043	206,346	890,857	4,317	3,847
72	88	30 729	168,319	684,511	4,067	3,596
73	89	26 489	134,973	516,192	3,824	3,354
74	90	22 370	106,031	381,220	3,595	3,125
75	91	18 471	81,443	275,189	3,379	2,909
76	92	14 857	60,937	193,746	3,179	2,709
77	93	11 616	44,320	132,809	2,997	2,526
78	94	8 807	31,258	88,489	2,831	2,361
79	95	6 424	21,211	57,231	2,698	2,228
80	96	4 572	14,043	36,020	2,565	2,095
81	97	3 144	8,984	21,978	2,446	1,976
82	98	2 122	5,640	12,994	2,304	1,834
83	99	1 365	3,375	7,355	2,179	1,709
84	100	836	1,923	3,980	2,069	1,599

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 396 229,695	14,027	13,557
1	18	99 172	92 253,008	1 296 690,162	14,056	13,586
2	19	99 125	85 775,904	1 204 437,154	14,042	13,571
3	20	99 090	79 763,695	1 118 661,250	14,025	13,554
4	21	99 059	74 175,495	1 038 897,555	14,006	13,536
5	22	99 031	68 981,036	964 722,060	13,985	13,515
6	23	99 005	64 151,255	895 741,024	13,963	13,493
7	24	98 973	59 656,450	831 589,769	13,940	13,469
8	25	98 948	55 480,290	771 933,319	13,914	13,443
9	26	98 921	51 595,746	716 453,028	13,886	13,416
10	27	98 894	47 982,845	664 857,283	13,856	13,386
11	28	98 865	44 622,023	616 874,437	13,824	13,354
12	29	98 831	41 494,801	572 252,414	13,791	13,321
13	30	98 798	38 586,802	530 757,614	13,755	13,285
14	31	98 759	35 880,609	492 170,812	13,717	13,247
15	32	98 716	33 362,627	456 290,202	13,677	13,206
16	33	98 667	31 019,569	422 927,575	13,634	13,164
17	34	98 606	28 837,709	391 908,006	13,590	13,120
18	35	98 539	26 807,422	363 070,297	13,544	13,073
19	36	98 461	24 917,544	336 262,875	13,495	13,025
20	37	98 374	23 158,569	311 345,331	13,444	12,974
21	38	98 285	21 523,235	288 186,762	13,390	12,919
22	39	98 183	20 000,939	266 663,528	13,333	12,862
23	40	98 080	18 586,055	246 662,589	13,271	12,801
24	41	97 969	17 269,685	228 076,533	13,207	12,736
25	42	97 847	16 044,808	210 806,848	13,139	12,668
26	43	97 718	14 905,843	194 762,040	13,066	12,596
27	44	97 584	13 846,858	179 856,197	12,989	12,519
28	45	97 433	12 860,869	166 009,339	12,908	12,438
29	46	97 275	11 944,140	153 148,471	12,822	12,352
30	47	97 096	11 090,367	141 204,330	12,732	12,262
31	48	96 901	10 295,896	130 113,964	12,637	12,167
32	49	96 679	9 555,675	119 818,068	12,539	12,069
33	50	96 436	8 866,683	110 262,393	12,436	11,965
34	51	96 178	8 225,977	101 395,710	12,326	11,856
35	52	95 888	7 629,022	93 169,733	12,213	11,742
36	53	95 568	7 073,055	85 540,711	12,094	11,624
37	54	95 222	6 555,781	78 467,656	11,969	11,499
38	55	94 847	6 074,350	71 911,874	11,839	11,368
39	56	94 433	5 625,925	65 837,524	11,703	11,232
40	57	93 989	5 208,789	60 211,598	11,560	11,089
41	58	93 496	4 819,976	55 002,810	11,411	10,941
42	59	92 960	4 458,010	50 182,834	11,257	10,786
43	60	92 373	4 120,807	45 724,823	11,096	10,626
44	61	91 725	3 806,400	41 604,016	10,930	10,460
45	62	91 048	3 514,703	37 797,616	10,754	10,284
46	63	90 310	3 242,981	34 282,913	10,571	10,101
47	64	89 519	2 990,316	31 039,932	10,380	9,910
48	65	88 646	2 754,554	28 049,616	10,183	9,713
49	66	87 691	2 534,767	25 295,063	9,979	9,509
50	67	86 651	2 329,970	22 760,296	9,768	9,298
51	68	85 509	2 138,852	20 430,326	9,552	9,082
52	69	84 309	1 961,702	18 291,475	9,324	8,854
53	70	82 998	1 796,467	16 329,773	9,090	8,620
54	71	81 578	1 642,540	14 533,306	8,848	8,378
55	72	80 037	1 499,082	12 890,766	8,599	8,129
56	73	78 399	1 365,951	11 391,684	8,340	7,869
57	74	76 658	1 242,434	10 025,734	8,069	7,599
58	75	74 778	1 127,414	8 783,300	7,791	7,320
59	76	72 733	1 020,076	7 655,886	7,505	7,035
60	77	70 487	919,611	6 635,810	7,216	6,746
61	78	68 073	826,155	5 716,199	6,919	6,449
62	79	65 434	738,714	4 890,044	6,620	6,149
63	80	62 512	656,493	4 151,330	6,323	5,853
64	81	59 325	579,561	3 494,838	6,030	5,560
65	82	55 902	508,014	2 915,276	5,739	5,268
66	83	52 272	441,884	2 407,263	5,448	4,977
67	84	48 431	380,852	1 965,378	5,160	4,690
68	85	44 364	324,532	1 584,526	4,882	4,412
69	86	40 173	273,368	1 259,994	4,609	4,139
70	87	35 846	226,906	986,626	4,348	3,878
71	88	31 497	185,466	759,720	4,096	3,626
72	89	27 200	148,991	574,254	3,854	3,384
73	90	23 021	117,302	425,262	3,625	3,155
74	91	19 060	90,345	307,960	3,409	2,938
75	92	15 380	67,815	217,615	3,209	2,739
76	93	12 070	49,508	149,800	3,026	2,556
77	94	9 186	35,048	100,293	2,862	2,391
78	95	6 736	23,907	65,244	2,729	2,259
79	96	4 824	15,929	41,337	2,595	2,125
80	97	3 340	10,258	25,409	2,477	2,007
81	98	2 273	6,495	15,151	2,333	1,863
82	99	1 475	3,921	8,656	2,208	1,737
83	100	914	2,259	4,735	2,096	1,625

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 394 843,352	14,015	13,545
1	19	99 152	92 234,222	1 295 318,394	14,044	13,574
2	20	99 106	85 759,347	1 203 084,172	14,029	13,558
3	21	99 072	79 748,925	1 117 324,825	14,011	13,540
4	22	99 043	74 163,215	1 037 575,900	13,990	13,520
5	23	99 014	68 969,099	963 412,685	13,969	13,498
6	24	98 983	64 137,335	894 443,586	13,946	13,475
7	25	98 956	59 646,334	830 306,251	13,920	13,450
8	26	98 929	55 469,946	770 659,916	13,893	13,423
9	27	98 902	51 585,707	715 189,971	13,864	13,394
10	28	98 873	47 972,364	663 604,264	13,833	13,363
11	29	98 840	44 610,895	615 631,900	13,800	13,330
12	30	98 806	41 484,063	571 021,005	13,765	13,295
13	31	98 769	38 575,344	529 536,942	13,727	13,257
14	32	98 728	35 869,157	490 961,598	13,688	13,217
15	33	98 682	33 351,049	455 092,442	13,646	13,175
16	34	98 632	31 008,524	421 741,393	13,601	13,131
17	35	98 568	28 826,430	390 732,868	13,555	13,084
18	36	98 499	26 796,632	361 906,438	13,506	13,035
19	37	98 415	24 905,861	335 109,806	13,455	12,985
20	38	98 329	23 147,911	310 203,945	13,401	12,931
21	39	98 227	21 510,629	287 056,034	13,345	12,875
22	40	98 125	19 989,025	265 545,404	13,285	12,814
23	41	98 014	18 573,441	245 556,380	13,221	12,751
24	42	97 894	17 256,511	226 982,939	13,153	12,683
25	43	97 765	16 031,494	209 726,428	13,082	12,612
26	44	97 631	14 892,428	193 694,934	13,006	12,536
27	45	97 485	13 832,733	178 802,505	12,926	12,456
28	46	97 325	12 846,568	164 969,772	12,842	12,371
29	47	97 151	11 928,975	152 123,204	12,752	12,282
30	48	96 956	11 074,468	140 194,229	12,659	12,189
31	49	96 746	10 279,427	129 119,761	12,561	12,091
32	50	96 504	9 538,366	118 840,335	12,459	11,989
33	51	96 246	8 849,209	109 301,969	12,352	11,881
34	52	95 965	8 207,808	100 452,760	12,239	11,768
35	53	95 653	7 610,290	92 244,952	12,121	11,651
36	54	95 307	7 053,724	84 634,661	11,999	11,528
37	55	94 935	6 536,051	77 580,938	11,870	11,399
38	56	94 532	6 054,224	71 044,887	11,735	11,264
39	57	94 091	5 605,566	64 990,663	11,594	11,124
40	58	93 613	5 187,994	59 385,097	11,447	10,976
41	59	93 083	4 798,717	54 197,104	11,294	10,824
42	60	92 511	4 436,478	49 398,386	11,135	10,664
43	61	91 875	4 098,592	44 961,908	10,970	10,500
44	62	91 212	3 785,103	40 863,316	10,796	10,326
45	63	90 495	3 493,346	37 078,214	10,614	10,144
46	64	89 715	3 221,628	33 584,868	10,425	9,955
47	65	88 867	2 968,524	30 363,240	10,228	9,758
48	66	87 935	2 732,484	27 394,716	10,026	9,555
49	67	86 925	2 512,624	24 662,233	9,815	9,345
50	68	85 811	2 307,382	22 149,608	9,599	9,129
51	69	84 636	2 117,004	19 842,226	9,373	8,903
52	70	83 367	1 939,786	17 725,222	9,138	8,667
53	71	81 987	1 774,579	15 785,437	8,895	8,425
54	72	80 486	1 620,546	14 010,857	8,646	8,175
55	73	78 884	1 477,481	12 390,311	8,386	7,916
56	74	77 185	1 344,802	10 912,831	8,115	7,645
57	75	75 346	1 221,178	9 568,029	7,835	7,365
58	76	73 352	1 105,917	8 346,851	7,547	7,077
59	77	71 146	997,812	7 240,934	7,257	6,787
60	78	68 764	897,125	6 243,122	6,959	6,489
61	79	66 161	802,940	5 345,997	6,658	6,188
62	80	63 279	714,393	4 543,057	6,359	5,889
63	81	60 111	631,278	3 828,665	6,065	5,595
64	82	56 711	554,024	3 197,387	5,771	5,301
65	83	53 088	482,439	2 643,362	5,479	5,009
66	84	49 236	416,219	2 160,923	5,192	4,722
67	85	45 175	355,251	1 744,704	4,911	4,441
68	86	40 938	299,472	1 389,453	4,640	4,169
69	87	36 601	249,063	1 089,982	4,376	3,906
70	88	32 219	203,945	840,918	4,123	3,653
71	89	27 880	164,170	636,973	3,880	3,410
72	90	23 639	129,486	472,803	3,651	3,181
73	91	19 615	99,949	343,317	3,435	2,965
74	92	15 871	75,227	243,368	3,235	2,765
75	93	12 495	55,096	168,141	3,052	2,582
76	94	9 545	39,151	113,045	2,887	2,417
77	95	7 026	26,806	73,895	2,757	2,286
78	96	5 058	17,953	47,089	2,623	2,153
79	97	3 524	11,636	29,136	2,504	2,034
80	98	2 415	7,416	17,500	2,360	1,889
81	99	1 580	4,516	10,083	2,233	1,763
82	100	988	2,625	5,568	2,121	1,651

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 393 358,124	14,003	13,533
1	20	99 133	92 216,418	1 293 853,433	14,031	13,560
2	21	99 087	85 743,467	1 201 637,015	14,014	13,544
3	22	99 055	79 735,722	1 115 893,547	13,995	13,525
4	23	99 026	74 150,381	1 036 157,826	13,974	13,503
5	24	98 993	68 954,134	962 007,444	13,951	13,481
6	25	98 966	64 126,460	893 053,311	13,926	13,456
7	26	98 938	59 635,213	828 926,851	13,900	13,430
8	27	98 910	55 459,153	769 291,639	13,871	13,401
9	28	98 881	51 574,439	713 832,486	13,841	13,371
10	29	98 848	47 960,400	662 258,047	13,808	13,338
11	30	98 815	44 599,350	614 297,647	13,774	13,303
12	31	98 777	41 471,745	569 698,297	13,737	13,267
13	32	98 737	38 563,031	528 226,552	13,698	13,227
14	33	98 694	35 856,708	489 663,521	13,656	13,186
15	34	98 647	33 339,174	453 806,812	13,612	13,142
16	35	98 593	30 996,396	420 467,638	13,565	13,095
17	36	98 528	28 814,828	389 471,242	13,516	13,046
18	37	98 453	26 784,069	360 656,413	13,465	12,995
19	38	98 370	24 894,399	333 872,345	13,412	12,941
20	39	98 271	23 134,354	308 977,946	13,356	12,886
21	40	98 168	21 497,815	285 843,592	13,296	12,826
22	41	98 058	19 975,458	264 345,776	13,234	12,763
23	42	97 939	18 559,272	244 370,318	13,167	12,697
24	43	97 813	17 242,191	225 811,046	13,096	12,626
25	44	97 678	16 017,067	208 568,855	13,022	12,551
26	45	97 531	14 877,238	192 551,788	12,943	12,472
27	46	97 376	13 817,352	177 674,551	12,859	12,389
28	47	97 201	12 830,256	163 857,199	12,771	12,301
29	48	97 012	11 911,874	151 026,942	12,679	12,208
30	49	96 801	11 056,754	139 115,068	12,582	12,112
31	50	96 570	10 260,806	128 058,315	12,480	12,010
32	51	96 314	9 519,569	117 797,509	12,374	11,904
33	52	96 034	8 829,663	108 277,940	12,263	11,793
34	53	95 730	8 187,655	99 448,277	12,146	11,676
35	54	95 391	7 589,490	91 260,621	12,025	11,554
36	55	95 020	7 032,494	83 671,131	11,898	11,428
37	56	94 621	6 514,394	76 638,637	11,765	11,294
38	57	94 190	6 032,314	70 124,242	11,625	11,154
39	58	93 716	5 583,187	64 091,928	11,479	11,009
40	59	93 201	5 165,112	58 508,741	11,328	10,857
41	60	92 634	4 775,539	53 343,629	11,170	10,700
42	61	92 012	4 412,561	48 568,090	11,007	10,536
43	62	91 361	4 075,660	44 155,529	10,834	10,364
44	63	90 657	3 762,102	40 079,869	10,654	10,183
45	64	89 899	3 470,344	36 317,767	10,465	9,995
46	65	89 061	3 198,151	32 847,423	10,271	9,800
47	66	88 155	2 944,740	29 649,272	10,069	9,598
48	67	87 167	2 708,614	26 704,533	9,859	9,389
49	68	86 082	2 488,266	23 995,918	9,644	9,173
50	69	84 934	2 283,813	21 507,652	9,417	8,947
51	70	83 690	2 093,352	19 223,840	9,183	8,713
52	71	82 351	1 916,152	17 130,488	8,940	8,470
53	72	80 889	1 750,817	15 214,335	8,690	8,220
54	73	79 326	1 597,195	13 463,518	8,429	7,959
55	74	77 662	1 454,605	11 866,323	8,158	7,687
56	75	75 864	1 321,794	10 411,718	7,877	7,407
57	76	73 910	1 197,893	9 089,924	7,588	7,118
58	77	71 751	1 081,779	7 892,031	7,295	6,825
59	78	69 406	973,414	6 810,252	6,996	6,526
60	79	66 832	871,915	5 836,838	6,694	6,224
61	80	63 982	776,505	4 964,923	6,394	5,924
62	81	60 849	686,954	4 188,418	6,097	5,627
63	82	57 462	603,462	3 501,464	5,802	5,332
64	83	53 856	526,134	2 898,001	5,508	5,038
65	84	50 004	454,418	2 371,868	5,220	4,749
66	85	45 926	388,240	1 917,449	4,939	4,469
67	86	41 687	327,818	1 529,209	4,665	4,195
68	87	37 299	272,846	1 201,391	4,403	3,933
69	88	32 897	223,861	928,545	4,148	3,678
70	89	28 519	180,527	704,684	3,903	3,433
71	90	24 230	142,677	524,157	3,674	3,203
72	91	20 142	110,330	381,479	3,458	2,987
73	92	16 333	83,224	271,149	3,258	2,788
74	93	12 894	61,118	187,926	3,075	2,605
75	94	9 881	43,570	126,808	2,910	2,440
76	95	7 300	29,943	83,238	2,780	2,310
77	96	5 276	20,130	53,295	2,647	2,177
78	97	3 695	13,115	33,164	2,529	2,058
79	98	2 548	8,412	20,049	2,383	1,913
80	99	1 679	5,156	11,637	2,257	1,787
81	100	1 058	3,023	6,481	2,144	1,674

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 391 772,682	13,990	13,519
1	21	99 114	92 199,343	1 292 287,198	14,016	13,546
2	22	99 071	85 729,272	1 200 087,855	13,999	13,528
3	23	99 038	79 721,924	1 114 358,583	13,978	13,508
4	24	99 004	74 134,292	1 034 636,659	13,956	13,486
5	25	98 976	68 942,441	960 502,367	13,932	13,462
6	26	98 948	64 114,503	891 559,926	13,906	13,435
7	27	98 918	59 623,609	827 445,424	13,878	13,408
8	28	98 889	55 447,039	767 821,814	13,848	13,378
9	29	98 856	51 561,577	712 374,776	13,816	13,346
10	30	98 822	47 947,989	660 813,199	13,782	13,312
11	31	98 785	44 586,107	612 865,210	13,746	13,275
12	32	98 745	41 458,507	568 279,103	13,707	13,237
13	33	98 703	38 549,648	526 820,596	13,666	13,196
14	34	98 658	35 843,942	488 270,948	13,622	13,152
15	35	98 608	33 326,135	452 427,006	13,576	13,105
16	36	98 553	30 983,921	419 100,871	13,526	13,056
17	37	98 482	28 801,319	388 116,950	13,476	13,005
18	38	98 408	26 771,742	359 315,632	13,421	12,951
19	39	98 312	24 879,819	332 543,890	13,366	12,896
20	40	98 213	23 120,573	307 664,071	13,307	12,837
21	41	98 102	21 483,225	284 543,498	13,245	12,775
22	42	97 983	19 960,220	263 060,273	13,179	12,709
23	43	97 858	18 543,871	243 100,053	13,109	12,639
24	44	97 725	17 226,674	224 556,182	13,035	12,565
25	45	97 578	16 000,729	207 329,508	12,958	12,487
26	46	97 422	14 860,695	191 328,779	12,875	12,405
27	47	97 253	13 799,808	176 468,084	12,788	12,317
28	48	97 062	12 811,864	162 668,276	12,697	12,226
29	49	96 857	11 892,820	149 856,413	12,601	12,130
30	50	96 626	11 036,725	137 963,593	12,500	12,030
31	51	96 380	10 240,585	126 926,868	12,394	11,924
32	52	96 101	9 498,542	116 686,283	12,285	11,814
33	53	95 798	8 807,984	107 187,741	12,169	11,699
34	54	95 468	8 165,277	98 379,757	12,049	11,578
35	55	95 104	7 566,649	90 214,479	11,923	11,452
36	56	94 705	7 009,193	82 647,831	11,791	11,321
37	57	94 279	6 490,819	75 638,638	11,653	11,183
38	58	93 814	6 008,231	69 147,818	11,509	11,039
39	59	93 302	5 558,562	63 139,587	11,359	10,889
40	60	92 750	5 140,164	57 581,025	11,202	10,732
41	61	92 134	4 749,794	52 440,860	11,041	10,570
42	62	91 498	4 387,872	47 691,066	10,869	10,399
43	63	90 806	4 050,893	43 303,194	10,690	10,220
44	64	90 060	3 737,331	39 252,300	10,503	10,032
45	65	89 244	3 445,055	35 514,970	10,309	9,839
46	66	88 348	3 172,527	32 069,915	10,109	9,638
47	67	87 384	2 919,016	28 897,388	9,900	9,429
48	68	86 322	2 682,356	25 978,372	9,685	9,215
49	69	85 203	2 462,849	23 296,016	9,459	8,989
50	70	83 986	2 258,298	20 833,167	9,225	8,755
51	71	82 670	2 067,848	18 574,870	8,983	8,512
52	72	81 249	1 890,494	16 507,022	8,732	8,261
53	73	79 723	1 725,589	14 616,528	8,470	8,000
54	74	78 098	1 572,466	12 890,939	8,198	7,728
55	75	76 334	1 429,719	11 318,473	7,917	7,446
56	76	74 418	1 296,591	9 888,754	7,627	7,156
57	77	72 296	1 171,748	8 592,163	7,333	6,862
58	78	69 997	1 055,327	7 420,415	7,031	6,561
59	79	67 456	946,061	6 365,088	6,728	6,258
60	80	64 631	843,209	5 419,027	6,427	5,956
61	81	61 525	746,681	4 575,818	6,128	5,658
62	82	58 168	656,685	3 829,137	5,831	5,361
63	83	54 570	573,083	3 172,452	5,536	5,065
64	84	50 728	495,575	2 599,369	5,245	4,775
65	85	46 643	423,872	2 103,794	4,963	4,493
66	86	42 380	358,260	1 679,922	4,689	4,219
67	87	37 981	298,672	1 321,662	4,425	3,955
68	88	33 524	245,237	1 022,990	4,171	3,701
69	89	29 120	198,156	777,753	3,925	3,455
70	90	24 785	156,893	579,597	3,694	3,224
71	91	20 646	121,570	422,704	3,477	3,007
72	92	16 772	91,868	301,134	3,278	2,808
73	93	13 270	67,615	209,266	3,095	2,625
74	94	10 197	48,332	141,651	2,931	2,461
75	95	7 558	33,323	93,320	2,800	2,330
76	96	5 482	22,487	59,996	2,668	2,198
77	97	3 854	14,706	37,510	2,551	2,080
78	98	2 671	9,482	22,804	2,405	1,935
79	99	1 771	5,849	13,323	2,278	1,808
80	100	1 124	3,452	7,474	2,165	1,695

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 390 078,344	13,975	13,505
1	22	99 098	92 184,079	1 290 611,281	14,000	13,530
2	23	99 054	85 714,437	1 198 427,202	13,982	13,511
3	24	99 017	79 704,625	1 112 712,766	13,960	13,490
4	25	98 987	74 121,721	1 033 008,140	13,937	13,466
5	26	98 957	68 929,586	958 886,419	13,911	13,441
6	27	98 929	64 102,028	889 956,834	13,883	13,413
7	28	98 897	59 610,586	825 854,806	13,854	13,384
8	29	98 864	55 433,211	766 244,220	13,823	13,353
9	30	98 830	51 548,233	710 811,010	13,789	13,319
10	31	98 793	47 933,752	659 262,776	13,754	13,283
11	32	98 754	44 571,876	611 329,025	13,716	13,245
12	33	98 711	41 444,119	566 757,149	13,675	13,205
13	34	98 668	38 535,923	525 313,030	13,632	13,161
14	35	98 620	35 829,923	486 777,107	13,586	13,115
15	36	98 568	33 312,722	450 947,185	13,537	13,067
16	37	98 507	30 969,394	417 634,463	13,485	13,015
17	38	98 437	28 788,063	386 665,069	13,431	12,961
18	39	98 350	26 756,063	357 877,006	13,376	12,905
19	40	98 254	24 864,998	331 120,943	13,317	12,846
20	41	98 146	23 104,881	306 255,944	13,255	12,785
21	42	98 027	21 466,836	283 151,063	13,190	12,720
22	43	97 902	19 943,656	261 684,227	13,121	12,651
23	44	97 770	18 527,183	241 740,571	13,048	12,578
24	45	97 625	17 209,103	223 213,388	12,971	12,500
25	46	97 469	15 982,937	206 004,286	12,889	12,419
26	47	97 299	14 841,826	190 021,349	12,803	12,333
27	48	97 113	13 780,025	175 179,523	12,713	12,242
28	49	96 907	12 791,370	161 399,498	12,618	12,148
29	50	96 681	11 871,277	148 608,128	12,518	12,048
30	51	96 436	11 014,975	136 736,851	12,414	11,943
31	52	96 167	10 217,966	125 721,876	12,304	11,834
32	53	95 865	9 475,220	115 503,910	12,190	11,720
33	54	95 536	8 783,910	106 028,689	12,071	11,601
34	55	95 181	8 140,703	97 244,779	11,946	11,475
35	56	94 789	7 541,577	89 104,076	11,815	11,345
36	57	94 362	6 983,828	81 562,499	11,679	11,208
37	58	93 902	6 464,906	74 578,671	11,536	11,066
38	59	93 400	5 981,732	68 113,765	11,387	10,917
39	60	92 852	5 531,714	62 132,033	11,232	10,762
40	61	92 250	5 112,454	56 600,319	11,071	10,601
41	62	91 619	4 723,219	51 487,865	10,901	10,431
42	63	90 942	4 361,209	46 764,647	10,723	10,253
43	64	90 208	4 024,221	42 403,438	10,537	10,067
44	65	89 404	3 710,095	38 379,217	10,345	9,874
45	66	88 529	3 417,452	34 669,122	10,145	9,674
46	67	87 576	3 144,813	31 251,669	9,938	9,467
47	68	86 537	2 890,718	28 106,856	9,723	9,253
48	69	85 440	2 654,956	25 216,138	9,498	9,027
49	70	84 251	2 435,334	22 561,182	9,264	8,794
50	71	82 962	2 230,784	20 125,848	9,022	8,552
51	72	81 563	2 040,158	17 895,065	8,771	8,301
52	73	80 078	1 863,254	15 854,907	8,509	8,039
53	74	78 489	1 698,872	13 991,653	8,236	7,766
54	75	76 762	1 545,564	12 292,781	7,954	7,483
55	76	74 878	1 402,458	10 747,217	7,663	7,193
56	77	72 794	1 268,292	9 344,759	7,368	6,898
57	78	70 529	1 143,096	8 076,468	7,065	6,595
58	79	68 030	1 025,672	6 933,371	6,760	6,290
59	80	65 235	914,913	5 907,699	6,457	5,987
60	81	62 149	810,823	4 992,786	6,158	5,687
61	82	58 814	713,780	4 181,963	5,859	5,389
62	83	55 239	623,627	3 468,183	5,561	5,091
63	84	51 400	539,797	2 844,556	5,270	4,799
64	85	47 318	462,262	2 304,759	4,986	4,516
65	86	43 041	391,140	1 842,497	4,711	4,240
66	87	38 612	326,408	1 451,357	4,446	3,976
67	88	34 137	268,449	1 124,949	4,191	3,720
68	89	29 675	217,078	856,499	3,946	3,475
69	90	25 308	172,214	639,422	3,713	3,243
70	91	21 119	133,683	467,208	3,495	3,025
71	92	17 191	101,227	333,525	3,295	2,825
72	93	13 626	74,637	232,298	3,112	2,642
73	94	10 494	53,470	157,661	2,949	2,478
74	95	7 799	36,966	104,191	2,819	2,348
75	96	5 675	25,025	67,226	2,686	2,216
76	97	4 005	16,427	42,201	2,569	2,099
77	98	2 786	10,631	25,774	2,424	1,954
78	99	1 857	6,592	15,143	2,297	1,827
79	100	1 186	3,916	8,551	2,184	1,713

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 388 266,088	13,959	13,489
1	23	99 081	92 168,126	1 288 815,493	13,983	13,513
2	24	99 032	85 695,838	1 196 647,366	13,964	13,494
3	25	99 000	79 691,110	1 110 951,528	13,941	13,470
4	26	98 969	74 107,900	1 031 260,418	13,916	13,445
5	27	98 938	68 916,174	957 152,518	13,889	13,418
6	28	98 907	64 088,026	888 236,344	13,860	13,389
7	29	98 872	59 595,719	824 148,318	13,829	13,359
8	30	98 838	55 418,866	764 552,599	13,796	13,326
9	31	98 801	51 532,927	709 133,733	13,761	13,291
10	32	98 761	47 918,451	657 600,806	13,723	13,253
11	33	98 720	44 556,407	609 682,355	13,683	13,213
12	34	98 676	41 429,363	565 125,948	13,641	13,170
13	35	98 629	38 520,850	523 696,585	13,595	13,125
14	36	98 580	35 815,502	485 175,734	13,547	13,076
15	37	98 522	33 297,103	449 360,233	13,495	13,025
16	38	98 462	30 955,141	416 063,130	13,441	12,971
17	39	98 379	28 771,203	385 107,988	13,385	12,915
18	40	98 291	26 740,124	356 336,785	13,326	12,856
19	41	98 187	24 848,123	329 596,661	13,264	12,794
20	42	98 071	23 087,255	304 748,538	13,200	12,730
21	43	97 946	21 449,023	281 661,283	13,132	12,661
22	44	97 814	19 925,708	260 212,260	13,059	12,589
23	45	97 670	18 508,284	240 286,552	12,983	12,512
24	46	97 517	17 189,967	221 778,268	12,902	12,431
25	47	97 346	15 962,643	204 588,301	12,817	12,346
26	48	97 159	14 820,549	188 625,658	12,727	12,257
27	49	96 958	13 757,983	173 805,109	12,633	12,163
28	50	96 731	12 768,199	160 047,126	12,535	12,065
29	51	96 491	11 847,882	147 278,927	12,431	11,961
30	52	96 223	10 990,646	135 431,044	12,322	11,852
31	53	95 931	10 192,878	124 440,399	12,209	11,738
32	54	95 603	9 449,323	114 247,521	12,091	11,620
33	55	95 249	8 757,474	104 798,198	11,967	11,496
34	56	94 866	8 113,730	96 040,724	11,837	11,367
35	57	94 446	7 514,285	87 926,994	11,701	11,231
36	58	93 986	6 955,946	80 412,709	11,560	11,090
37	59	93 488	6 436,392	73 456,762	11,413	10,942
38	60	92 949	5 952,840	67 020,370	11,259	10,788
39	61	92 351	5 501,892	61 067,530	11,099	10,629
40	62	91 734	5 083,849	55 565,637	10,930	10,460
41	63	91 062	4 694,517	50 481,788	10,753	10,283
42	64	90 343	4 332,493	45 787,271	10,568	10,098
43	65	89 551	3 994,895	41 454,778	10,377	9,907
44	66	88 688	3 680,370	37 459,883	10,178	9,708
45	67	87 755	3 387,599	33 779,514	9,972	9,501
46	68	86 727	3 114,326	30 391,915	9,759	9,288
47	69	85 653	2 861,190	27 277,589	9,534	9,063
48	70	84 486	2 625,294	24 416,399	9,300	8,830
49	71	83 224	2 405,663	21 791,104	9,058	8,588
50	72	81 851	2 200,913	19 385,441	8,808	8,338
51	73	80 388	2 010,761	17 184,529	8,546	8,076
52	74	78 838	1 834,405	15 173,768	8,272	7,801
53	75	77 146	1 669,807	13 339,363	7,989	7,518
54	76	75 298	1 516,093	11 669,556	7,697	7,227
55	77	73 244	1 371,848	10 153,462	7,401	6,931
56	78	71 014	1 237,279	8 781,614	7,098	6,627
57	79	68 547	1 110,975	7 544,335	6,791	6,320
58	80	65 790	991,904	6 433,360	6,486	6,016
59	81	62 729	879,773	5 441,456	6,185	5,715
60	82	59 411	775,096	4 561,683	5,885	5,415
61	83	55 853	677,847	3 786,586	5,586	5,116
62	84	52 031	587,405	3 108,739	5,292	4,822
63	85	47 945	503,512	2 521,334	5,007	4,537
64	86	43 664	426,566	2 017,822	4,730	4,260
65	87	39 214	356,365	1 591,257	4,465	3,995
66	88	34 705	293,379	1 234,892	4,209	3,739
67	89	30 218	237,625	941,513	3,962	3,492
68	90	25 790	188,658	703,889	3,731	3,261
69	91	21 564	146,737	515,230	3,511	3,041
70	92	17 585	111,313	368,493	3,310	2,840
71	93	13 967	82,241	257,180	3,127	2,657
72	94	10 775	59,023	174,939	2,964	2,494
73	95	8 026	40,895	115,916	2,834	2,364
74	96	5 857	27,760	75,021	2,702	2,232
75	97	4 146	18,281	47,261	2,585	2,115
76	98	2 895	11,876	28,980	2,440	1,970
77	99	1 937	7,392	17,105	2,314	1,844
78	100	1 243	4,413	9,713	2,201	1,731

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 386 324,960	13,942	13,472
1	24	99 059	92 148,127	1 286 891,575	13,965	13,495
2	25	99 015	85 681,307	1 194 743,447	13,944	13,474
3	26	98 982	79 676,251	1 109 062,140	13,920	13,449
4	27	98 950	74 093,481	1 029 385,890	13,893	13,423
5	28	98 916	68 901,121	955 292,409	13,865	13,394
6	29	98 882	64 072,043	886 391,288	13,834	13,364
7	30	98 847	59 580,297	822 319,246	13,802	13,332
8	31	98 809	55 402,410	762 738,949	13,767	13,297
9	32	98 769	51 516,478	707 336,539	13,730	13,260
10	33	98 727	47 901,822	655 820,061	13,691	13,221
11	34	98 684	44 540,543	607 918,239	13,649	13,178
12	35	98 637	41 413,159	563 377,697	13,604	13,134
13	36	98 590	38 505,347	521 964,537	13,556	13,085
14	37	98 534	35 798,710	483 459,191	13,505	13,035
15	38	98 477	33 281,779	447 660,481	13,451	12,980
16	39	98 404	30 937,012	414 378,702	13,394	12,924
17	40	98 320	28 754,064	383 441,690	13,335	12,865
18	41	98 225	26 721,976	354 687,626	13,273	12,803
19	42	98 112	24 829,167	327 965,650	13,209	12,739
20	43	97 990	23 068,097	303 136,483	13,141	12,671
21	44	97 858	21 429,720	280 068,386	13,069	12,599
22	45	97 714	19 905,383	258 638,666	12,993	12,523
23	46	97 561	18 487,704	238 733,283	12,913	12,443
24	47	97 393	17 168,140	220 245,579	12,829	12,358
25	48	97 206	15 939,760	203 077,438	12,740	12,270
26	49	97 004	14 796,843	187 137,679	12,647	12,177
27	50	96 782	13 733,061	172 340,836	12,549	12,079
28	51	96 541	12 743,037	158 607,775	12,447	11,976
29	52	96 278	11 821,713	145 864,738	12,339	11,868
30	53	95 986	10 963,660	134 043,025	12,226	11,756
31	54	95 669	10 165,019	123 079,364	12,108	11,638
32	55	95 315	9 420,884	112 914,345	11,986	11,515
33	56	94 933	8 728,457	103 493,461	11,857	11,387
34	57	94 522	8 084,367	94 765,004	11,722	11,252
35	58	94 069	7 484,286	86 680,637	11,582	11,111
36	59	93 571	6 925,267	79 196,351	11,436	10,966
37	60	93 036	6 405,305	72 271,084	11,283	10,813
38	61	92 448	5 920,748	65 865,779	11,125	10,654
39	62	91 834	5 471,109	59 945,031	10,957	10,486
40	63	91 177	5 052,956	54 473,922	10,781	10,310
41	64	90 463	4 663,607	49 420,966	10,597	10,127
42	65	89 684	4 300,920	44 757,359	10,406	9,936
43	66	88 833	3 962,887	40 456,439	10,209	9,739
44	67	87 913	3 648,220	36 493,552	10,003	9,533
45	68	86 904	3 354,759	32 845,332	9,791	9,320
46	69	85 841	3 082,514	29 490,573	9,567	9,097
47	70	84 696	2 829,224	26 408,060	9,334	8,864
48	71	83 457	2 593,309	23 578,835	9,092	8,622
49	72	82 110	2 373,450	20 985,526	8,842	8,372
50	73	80 672	2 169,199	18 612,076	8,580	8,110
51	74	79 144	1 979,629	16 442,877	8,306	7,836
52	75	77 489	1 803,021	14 463,248	8,022	7,551
53	76	75 675	1 637,968	12 660,227	7,729	7,259
54	77	73 654	1 483,003	11 022,259	7,432	6,962
55	78	71 453	1 338,304	9 539,256	7,128	6,658
56	79	69 018	1 202,512	8 200,952	6,820	6,350
57	80	66 290	1 074,398	6 998,440	6,514	6,044
58	81	63 263	953,807	5 924,043	6,211	5,741
59	82	59 965	841,008	4 970,236	5,910	5,440
60	83	56 420	736,077	4 129,228	5,610	5,139
61	84	52 609	638,477	3 393,151	5,314	4,844
62	85	48 533	547,919	2 754,675	5,028	4,557
63	86	44 243	464,630	2 206,755	4,749	4,279
64	87	39 782	388,641	1 742,125	4,483	4,012
65	88	35 246	320,304	1 353,485	4,226	3,755
66	89	30 720	259,691	1 033,181	3,978	3,508
67	90	26 261	206,515	773,489	3,745	3,275
68	91	21 975	160,749	566,974	3,527	3,057
69	92	17 955	122,183	406,225	3,325	2,854
70	93	14 287	90,435	284,042	3,141	2,671
71	94	11 045	65,036	193,607	2,977	2,507
72	95	8 241	45,143	128,571	2,848	2,378
73	96	6 027	30,711	83,428	2,717	2,246
74	97	4 278	20,279	52,717	2,600	2,129
75	98	2 997	13,216	32,438	2,454	1,984
76	99	2 013	8,257	19,222	2,328	1,858
77	100	1 297	4,948	10,965	2,216	1,746

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 384 246,086	13,924	13,454
1	25	99 042	92 132,502	1 284 834,276	13,946	13,475
2	26	98 997	85 665,330	1 192 701,774	13,923	13,453
3	27	98 962	79 660,748	1 107 036,444	13,897	13,427
4	28	98 928	74 077,296	1 027 375,696	13,869	13,399
5	29	98 892	68 883,937	953 298,400	13,839	13,369
6	30	98 857	64 055,462	884 414,462	13,807	13,337
7	31	98 817	59 562,606	820 359,000	13,773	13,303
8	32	98 777	55 384,726	760 796,395	13,737	13,266
9	33	98 735	51 498,599	705 411,669	13,698	13,227
10	34	98 692	47 884,766	653 913,070	13,656	13,186
11	35	98 646	44 523,122	606 028,303	13,612	13,141
12	36	98 597	41 396,491	561 505,181	13,564	13,094
13	37	98 543	38 487,293	520 108,690	13,514	13,043
14	38	98 489	35 782,234	481 621,396	13,460	12,990
15	39	98 419	33 262,287	445 839,162	13,404	12,933
16	40	98 346	30 918,583	412 576,875	13,344	12,874
17	41	98 254	28 734,549	381 658,292	13,282	12,812
18	42	98 150	26 701,590	352 923,743	13,217	12,747
19	43	98 031	24 808,563	326 222,153	13,150	12,679
20	44	97 902	23 047,337	301 413,589	13,078	12,608
21	45	97 758	21 407,861	278 366,252	13,003	12,533
22	46	97 605	19 883,250	256 958,391	12,923	12,453
23	47	97 437	18 464,230	237 075,142	12,840	12,369
24	48	97 253	17 143,529	218 610,912	12,752	12,282
25	49	97 051	15 914,263	201 467,383	12,660	12,189
26	50	96 828	14 770,039	185 553,120	12,563	12,093
27	51	96 592	13 705,998	170 783,081	12,460	11,990
28	52	96 327	12 714,891	157 077,084	12,354	11,884
29	53	96 041	11 792,687	144 362,193	12,242	11,771
30	54	95 724	10 933,695	132 569,506	12,125	11,655
31	55	95 381	10 134,426	121 635,811	12,002	11,532
32	56	94 999	9 389,669	111 501,384	11,875	11,405
33	57	94 589	8 696,870	102 111,715	11,741	11,271
34	58	94 145	8 052,092	93 414,845	11,601	11,131
35	59	93 654	7 451,276	85 362,754	11,456	10,986
36	60	93 119	6 891,817	77 911,477	11,305	10,835
37	61	92 535	6 370,774	71 019,660	11,148	10,677
38	62	91 931	5 887,621	64 648,886	10,980	10,510
39	63	91 276	5 437,863	58 761,265	10,806	10,336
40	64	90 576	5 019,686	53 323,402	10,623	10,153
41	65	89 803	4 629,621	48 303,717	10,434	9,963
42	66	88 966	4 266,461	43 674,095	10,237	9,766
43	67	88 057	3 928,270	39 407,635	10,032	9,562
44	68	87 061	3 612,853	35 479,365	9,820	9,350
45	69	86 017	3 320,490	31 866,512	9,597	9,127
46	70	84 882	3 048,075	28 546,022	9,365	8,895
47	71	83 665	2 794,754	25 497,947	9,124	8,653
48	72	82 339	2 558,584	22 703,192	8,873	8,403
49	73	80 927	2 339,250	20 144,608	8,612	8,141
50	74	79 423	2 135,614	17 805,358	8,337	7,867
51	75	77 790	1 945,761	15 669,745	8,053	7,583
52	76	76 012	1 768,642	13 723,984	7,760	7,289
53	77	74 024	1 602,217	11 955,342	7,462	6,991
54	78	71 853	1 446,741	10 353,124	7,156	6,686
55	79	69 445	1 300,697	8 906,383	6,847	6,377
56	80	66 746	1 162,921	7 605,686	6,540	6,070
57	81	63 744	1 033,132	6 442,765	6,236	5,766
58	82	60 476	911,780	5 409,633	5,933	5,463
59	83	56 946	798,670	4 497,853	5,632	5,161
60	84	53 143	693,324	3 699,183	5,335	4,865
61	85	49 073	595,558	3 005,859	5,047	4,577
62	86	44 786	505,608	2 410,301	4,767	4,297
63	87	40 309	423,321	1 904,693	4,499	4,029
64	88	35 757	349,314	1 481,372	4,241	3,771
65	89	31 199	283,525	1 132,058	3,993	3,523
66	90	26 698	225,693	848,533	3,760	3,289
67	91	22 376	175,964	622,840	3,540	3,069
68	92	18 298	133,850	446,876	3,339	2,868
69	93	14 588	99,266	313,026	3,153	2,683
70	94	11 298	71,516	213,760	2,989	2,519
71	95	8 447	49,742	142,243	2,860	2,389
72	96	6 189	33,901	92,502	2,729	2,258
73	97	4 403	22,435	58,601	2,612	2,142
74	98	3 093	14,661	36,166	2,467	1,997
75	99	2 084	9,189	21,506	2,340	1,870
76	100	1 348	5,528	12,317	2,228	1,758

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 382 023,867	13,904	13,434
1	26	99 024	92 115,323	1 282 628,914	13,924	13,454
2	27	98 978	85 648,662	1 190 513,591	13,900	13,430
3	28	98 941	79 643,348	1 104 864,929	13,873	13,402
4	29	98 903	74 058,822	1 025 221,581	13,843	13,373
5	30	98 866	68 866,111	951 162,759	13,812	13,341
6	31	98 828	64 036,442	882 296,648	13,778	13,308
7	32	98 786	59 543,594	818 260,206	13,742	13,272
8	33	98 743	55 365,505	758 716,613	13,704	13,233
9	34	98 700	51 480,263	703 351,108	13,663	13,192
10	35	98 653	47 866,038	651 870,845	13,619	13,148
11	36	98 606	44 505,203	604 004,807	13,572	13,101
12	37	98 551	41 377,083	559 499,604	13,522	13,052
13	38	98 498	38 469,581	518 122,522	13,468	12,998
14	39	98 431	35 761,278	479 652,941	13,413	12,942
15	40	98 360	33 242,473	443 891,663	13,353	12,883
16	41	98 279	30 897,598	410 649,190	13,291	12,820
17	42	98 179	28 712,629	379 751,592	13,226	12,756
18	43	98 068	26 679,433	351 038,963	13,158	12,687
19	44	97 943	24 786,237	324 359,530	13,086	12,616
20	45	97 802	23 023,828	299 573,293	13,011	12,541
21	46	97 649	21 384,056	276 549,465	12,933	12,462
22	47	97 481	19 858,003	255 165,408	12,849	12,379
23	48	97 298	18 437,760	235 307,405	12,762	12,292
24	49	97 098	17 116,106	216 869,645	12,671	12,200
25	50	96 875	15 885,435	199 753,538	12,575	12,104
26	51	96 637	14 740,932	183 868,103	12,473	12,003
27	52	96 378	13 675,724	169 127,171	12,367	11,897
28	53	96 091	12 683,672	155 451,447	12,256	11,786
29	54	95 779	11 760,456	142 767,775	12,140	11,669
30	55	95 436	10 900,789	131 007,319	12,018	11,548
31	56	95 065	10 100,847	120 106,530	11,891	11,420
32	57	94 656	9 355,689	110 005,683	11,758	11,288
33	58	94 212	8 662,149	100 649,994	11,620	11,149
34	59	93 730	8 016,578	91 987,845	11,475	11,004
35	60	93 202	7 415,287	83 971,267	11,324	10,854
36	61	92 617	6 854,664	76 555,981	11,168	10,698
37	62	92 017	6 335,128	69 701,317	11,002	10,532
38	63	91 372	5 851,844	63 366,189	10,828	10,358
39	64	90 675	5 402,058	57 514,345	10,647	10,176
40	65	89 916	4 983,105	52 112,287	10,458	9,988
41	66	89 084	4 592,528	47 129,182	10,262	9,792
42	67	88 189	4 229,191	42 536,653	10,058	9,588
43	68	87 204	3 890,187	38 307,462	9,847	9,377
44	69	86 171	3 575,948	34 417,275	9,625	9,154
45	70	85 056	3 283,393	30 841,327	9,393	8,923
46	71	83 848	3 010,939	27 557,933	9,153	8,682
47	72	82 544	2 757,332	24 546,994	8,902	8,432
48	73	81 153	2 521,716	21 789,663	8,641	8,171
49	74	79 674	2 303,032	19 267,946	8,366	7,896
50	75	78 064	2 099,077	16 964,914	8,082	7,612
51	76	76 306	1 908,660	14 865,838	7,789	7,318
52	77	74 353	1 730,040	12 957,178	7,490	7,019
53	78	72 214	1 563,040	11 227,138	7,183	6,713
54	79	69 834	1 406,087	9 664,098	6,873	6,403
55	80	67 159	1 257,874	8 258,011	6,565	6,095
56	81	64 182	1 118,256	7 000,137	6,260	5,790
57	82	60 935	987,610	5 881,881	5,956	5,485
58	83	57 431	865,879	4 894,271	5,652	5,182
59	84	53 639	752,282	4 028,392	5,355	4,885
60	85	49 570	646,718	3 276,110	5,066	4,595
61	86	45 283	549,568	2 629,392	4,784	4,314
62	87	40 804	460,656	2 079,824	4,515	4,045
63	88	36 230	380,485	1 619,168	4,256	3,785
64	89	31 651	309,204	1 238,683	4,006	3,536
65	90	27 115	246,407	929,479	3,772	3,302
66	91	22 748	192,305	683,073	3,552	3,082
67	92	18 632	146,519	490,768	3,350	2,879
68	93	14 866	108,745	344,249	3,166	2,695
69	94	11 536	78,500	235,503	3,000	2,530
70	95	8 641	54,698	157,004	2,870	2,400
71	96	6 344	37,354	102,306	2,739	2,269
72	97	4 521	24,765	64,952	2,623	2,152
73	98	3 183	16,219	40,187	2,478	2,007
74	99	2 150	10,193	23,968	2,351	1,881
75	100	1 395	6,152	13,775	2,239	1,769

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	92 693,340	1 310 261,206	14,135	13,665
2	1	99 313	85 938,761	1 217 567,866	14,168	13,698
3	2	99 275	79 912,097	1 131 629,105	14,161	13,691
4	3	99 250	74 318,413	1 051 717,008	14,151	13,681
5	4	99 227	69 117,153	977 398,595	14,141	13,671
6	5	99 208	64 283,122	908 281,442	14,129	13,659
7	6	99 191	59 787,567	843 998,320	14,117	13,646
8	7	99 176	55 607,998	784 210,753	14,102	13,632
9	8	99 163	51 721,607	728 602,755	14,087	13,617
10	9	99 149	48 106,275	676 881,148	14,071	13,600
11	10	99 135	44 743,686	628 774,874	14,053	13,583
12	11	99 120	41 615,851	584 031,187	14,034	13,564
13	12	99 105	38 706,503	542 415,337	14,014	13,543
14	13	99 087	35 999,757	503 708,834	13,992	13,522
15	14	99 067	33 481,231	467 709,077	13,969	13,499
16	15	99 042	31 137,383	434 227,845	13,946	13,475
17	16	99 004	28 953,924	403 090,463	13,922	13,452
18	17	98 961	26 922,186	374 136,539	13,897	13,427
19	18	98 908	25 030,628	347 214,353	13,872	13,401
20	19	98 847	23 269,843	322 183,724	13,846	13,375
21	20	98 783	21 632,432	298 913,881	13,818	13,348
22	21	98 721	20 110,469	277 281,449	13,788	13,318
23	22	98 660	18 695,880	257 170,980	13,755	13,285
24	23	98 598	17 380,522	238 475,100	13,721	13,251
25	24	98 528	16 156,605	221 094,578	13,684	13,214
26	25	98 464	15 019,622	204 937,973	13,645	13,174
27	26	98 399	13 962,517	189 918,351	13,602	13,132
28	27	98 328	12 979,008	175 955,834	13,557	13,087
29	28	98 256	12 064,641	162 976,826	13,509	13,038
30	29	98 175	11 213,698	150 912,185	13,458	12,988
31	30	98 093	10 422,640	139 698,486	13,403	12,933
32	31	97 997	9 685,928	129 275,846	13,347	12,876
33	32	97 897	9 000,980	119 589,918	13,286	12,816
34	33	97 793	8 364,155	110 588,938	13,222	12,751
35	34	97 680	7 771,576	102 224,783	13,154	12,683
36	35	97 555	7 220,130	94 453,206	13,082	12,612
37	36	97 429	6 707,740	87 233,076	13,005	12,535
38	37	97 292	6 230,989	80 525,336	12,923	12,453
39	38	97 145	5 787,521	74 294,347	12,837	12,367
40	39	96 983	5 374,715	68 506,826	12,746	12,276
41	40	96 803	4 990,477	63 132,111	12,651	12,180
42	41	96 609	4 633,009	58 141,634	12,549	12,079
43	42	96 392	4 300,071	53 508,625	12,444	11,973
44	43	96 154	3 990,202	49 208,554	12,332	11,862
45	44	95 895	3 701,816	45 218,352	12,215	11,745
46	45	95 601	3 433,005	41 516,536	12,093	11,623
47	46	95 286	3 182,973	38 083,531	11,965	11,494
48	47	94 929	2 949,795	34 900,558	11,832	11,361
49	48	94 529	2 732,431	31 950,763	11,693	11,223
50	49	94 081	2 529,744	29 218,332	11,550	11,080
51	50	93 580	2 340,725	26 688,588	11,402	10,932
52	51	93 035	2 164,737	24 347,863	11,247	10,777
53	52	92 418	2 000,369	22 183,126	11,090	10,619
54	53	91 732	1 846,984	20 182,757	10,927	10,457
55	54	90 971	1 703,878	18 335,773	10,761	10,291
56	55	90 140	1 570,517	16 631,895	10,590	10,120
57	56	89 227	1 446,159	15 061,378	10,415	9,944
58	57	88 234	1 330,289	13 615,219	10,235	9,765
59	58	87 140	1 222,135	12 284,930	10,052	9,582
60	59	85 953	1 121,385	11 062,795	9,865	9,395
61	60	84 679	1 027,687	9 941,410	9,674	9,203
62	61	83 297	940,386	8 913,724	9,479	9,009
63	62	81 827	859,334	7 973,338	9,279	8,808
64	63	80 267	784,140	7 114,003	9,072	8,602
65	64	78 600	714,285	6 329,863	8,862	8,392
66	65	76 828	649,473	5 615,578	8,646	8,176
67	66	74 967	589,524	4 966,106	8,424	7,954
68	67	72 978	533,844	4 376,582	8,198	7,728
69	68	70 918	482,587	3 842,739	7,963	7,493
70	69	68 746	435,163	3 360,152	7,722	7,251
71	70	66 455	391,313	2 924,989	7,475	7,005
72	71	64 044	350,806	2 533,676	7,222	6,752
73	72	61 534	313,543	2 182,870	6,962	6,492
74	73	58 931	279,331	1 869,327	6,692	6,222
75	74	56 225	247,910	1 589,996	6,414	5,943
76	75	53 382	218,954	1 342,086	6,130	5,659
77	76	50 393	192,274	1 123,132	5,841	5,371
78	77	47 260	167,738	930,857	5,549	5,079
79	78	43 972	145,181	763,119	5,256	4,786
80	79	40 502	124,395	617,938	4,968	4,497
81	80	36 874	105,351	493,543	4,685	4,214
82	81	33 099	87,967	388,192	4,413	3,943
83	82	29 275	72,375	300,226	4,148	3,678
84	83	25 443	58,514	227,851	3,894	3,424
85	84	21 681	46,383	169,336	3,651	3,181
86	85	18 049	35,920	122,953	3,423	2,953
87	86	14 656	27,133	87,033	3,208	2,737
88	87	11 578	19,938	59,901	3,004	2,534
89	88	8 871	14,210	39,963	2,812	2,342
90	89	6 577	9,800	25,753	2,628	2,157
91	90	4 689	6,500	15,952	2,454	1,984
92	91	3 187	4,110	9,452	2,300	1,830
93	92	2 059	2,469	5,342	2,163	1,693
94	93	1 265	1,411	2,873	2,036	1,565
95	94	727	0,754	1,462	1,938	1,468
96	95	397	0,383	0,707	1,846	1,376
97	96	205	0,184	0,324	1,762	1,292
98	97	99	0,083	0,140	1,694	1,224
99	98	46	0,036	0,057	1,618	1,147
100	99	20	0,014	0,022	1,552	1,082

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	86 202,875	1 218 176,787	14,132	13,661
3	1	99 297	79 930,565	1 131 973,913	14,162	13,692
4	2	99 262	74 327,263	1 052 043,348	14,154	13,684
5	3	99 238	69 125,389	977 716,084	14,144	13,674
6	4	99 217	64 288,967	908 590,696	14,133	13,663
7	5	99 198	59 792,051	844 301,728	14,121	13,650
8	6	99 182	55 611,659	784 509,677	14,107	13,637
9	7	99 168	51 724,156	728 898,018	14,092	13,622
10	8	99 155	48 109,253	677 173,862	14,076	13,605
11	9	99 141	44 746,582	629 064,608	14,058	13,588
12	10	99 126	41 618,317	584 318,027	14,040	13,570
13	11	99 112	38 709,386	542 699,710	14,020	13,550
14	12	99 095	36 002,606	503 990,324	13,999	13,528
15	13	99 075	33 484,102	467 987,718	13,976	13,506
16	14	99 052	31 140,650	434 503,617	13,953	13,483
17	15	99 016	28 957,547	403 362,966	13,929	13,459
18	16	98 975	26 925,986	374 405,420	13,905	13,435
19	17	98 923	25 034,294	347 479,434	13,880	13,410
20	18	98 867	23 274,583	322 445,141	13,854	13,384
21	19	98 802	21 636,609	299 170,558	13,827	13,357
22	20	98 739	20 114,194	277 533,949	13,798	13,328
23	21	98 676	18 698,976	257 419,755	13,767	13,296
24	22	98 615	17 383,530	238 720,779	13,733	13,262
25	23	98 550	16 160,112	221 337,249	13,697	13,226
26	24	98 481	15 022,169	205 177,138	13,658	13,188
27	25	98 418	13 965,121	190 154,969	13,616	13,146
28	26	98 347	12 981,534	176 189,848	13,572	13,102
29	27	98 278	12 067,277	163 208,314	13,525	13,055
30	28	98 200	11 216,496	151 141,037	13,475	13,005
31	29	98 119	10 425,338	139 924,541	13,422	12,951
32	30	98 026	9 688,805	129 499,203	13,366	12,896
33	31	97 928	9 003,854	119 810,398	13,307	12,836
34	32	97 827	8 367,059	110 806,544	13,243	12,773
35	33	97 715	7 774,344	102 439,485	13,177	12,706
36	34	97 593	7 222,955	94 665,141	13,106	12,636
37	35	97 468	6 710,441	87 442,185	13,031	12,560
38	36	97 338	6 233,912	80 731,744	12,950	12,480
39	37	97 190	5 790,186	74 497,833	12,866	12,396
40	38	97 039	5 377,865	68 707,647	12,776	12,306
41	39	96 861	4 993,452	63 329,782	12,683	12,212
42	40	96 675	4 636,155	58 336,331	12,583	12,113
43	41	96 465	4 303,354	53 700,175	12,479	12,008
44	42	96 234	3 993,516	49 396,821	12,369	11,899
45	43	95 981	3 705,151	45 403,305	12,254	11,784
46	44	95 699	3 436,510	41 698,155	12,134	11,664
47	45	95 392	3 186,516	38 261,644	12,007	11,537
48	46	95 050	2 953,545	35 075,128	11,876	11,405
49	47	94 664	2 736,354	32 121,583	11,739	11,269
50	48	94 231	2 533,797	29 385,230	11,597	11,127
51	49	93 750	2 344,973	26 851,432	11,451	10,980
52	50	93 218	2 169,011	24 506,460	11,298	10,828
53	51	92 623	2 004,797	22 337,448	11,142	10,672
54	52	91 958	1 851,530	20 332,651	10,982	10,511
55	53	91 221	1 708,548	18 481,121	10,817	10,347
56	54	90 412	1 575,258	16 772,573	10,648	10,177
57	55	89 524	1 450,967	15 197,316	10,474	10,004
58	56	88 555	1 335,121	13 746,349	10,296	9,826
59	57	87 489	1 227,033	12 411,228	10,115	9,645
60	58	86 334	1 126,353	11 184,195	9,930	9,459
61	59	85 090	1 032,675	10 057,842	9,740	9,269
62	60	83 749	945,483	9 025,167	9,546	9,075
63	61	82 287	864,169	8 079,684	9,350	8,879
64	62	80 757	788,934	7 215,515	9,146	8,676
65	63	79 121	719,019	6 426,581	8,938	8,468
66	64	77 392	654,240	5 707,562	8,724	8,254
67	65	75 572	594,285	5 053,321	8,503	8,033
68	66	73 621	538,548	4 459,036	8,280	7,809
69	67	71 613	487,311	3 920,488	8,045	7,575
70	68	69 455	439,654	3 433,177	7,809	7,339
71	69	67 205	395,734	2 993,523	7,564	7,094
72	70	64 834	355,133	2 597,789	7,315	6,845
73	71	62 369	317,798	2 242,656	7,057	6,587
74	72	59 793	283,415	1 924,858	6,792	6,321
75	73	57 109	251,809	1 641,443	6,519	6,048
76	74	54 311	222,766	1 389,634	6,238	5,768
77	75	51 373	196,012	1 166,869	5,953	5,483
78	76	48 314	171,481	970,857	5,662	5,191
79	77	45 074	148,820	799,376	5,371	4,901
80	78	41 673	127,992	650,557	5,083	4,613
81	79	38 130	108,937	522,565	4,797	4,327
82	80	34 421	91,480	413,627	4,521	4,051
83	81	30 624	75,711	322,147	4,255	3,785
84	82	26 792	61,616	246,436	4,000	3,529
85	83	23 018	49,243	184,820	3,753	3,283
86	84	19 350	38,508	135,576	3,521	3,050
87	85	15 883	29,403	97,068	3,301	2,831
88	86	12 707	21,883	67,665	3,092	2,622
89	87	9 869	15,810	45,782	2,896	2,425
90	88	7 430	11,072	29,971	2,707	2,237
91	89	5 396	7,480	18,900	2,527	2,057
92	90	3 740	4,823	11,420	2,368	1,898
93	91	2 472	2,966	6,597	2,224	1,754
94	92	1 557	1,737	3,631	2,091	1,620
95	93	919	0,954	1,894	1,986	1,516
96	94	519	0,501	0,941	1,878	1,407
97	95	273	0,245	0,440	1,795	1,324
98	96	136	0,113	0,195	1,718	1,248
99	97	63	0,049	0,081	1,655	1,185
100	98	28	0,020	0,032	1,584	1,114

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	80 176,214	1 132 534,571	14,126	13,655
4	1	99 285	74 344,441	1 052 358,358	14,155	13,685
5	2	99 250	69 133,621	978 013,916	14,147	13,676
6	3	99 229	64 296,628	908 880,295	14,136	13,665
7	4	99 207	59 797,489	844 583,668	14,124	13,654
8	5	99 190	55 615,830	784 786,179	14,111	13,641
9	6	99 174	51 727,561	729 170,349	14,096	13,626
10	7	99 160	48 111,625	677 442,788	14,081	13,610
11	8	99 147	44 749,352	629 331,163	14,063	13,593
12	9	99 132	41 621,010	584 581,811	14,045	13,575
13	10	99 118	38 711,680	542 960,801	14,026	13,555
14	11	99 103	36 005,287	504 249,121	14,005	13,535
15	12	99 083	33 486,751	468 243,834	13,983	13,513
16	13	99 060	31 143,320	434 757,083	13,960	13,490
17	14	99 026	28 960,586	403 613,763	13,937	13,466
18	15	98 987	26 929,354	374 653,177	13,912	13,442
19	16	98 937	25 037,827	347 723,822	13,888	13,418
20	17	98 881	23 277,991	322 685,996	13,862	13,392
21	18	98 822	21 641,016	299 408,005	13,835	13,365
22	19	98 758	20 118,077	277 766,989	13,807	13,337
23	20	98 694	18 702,439	257 648,912	13,776	13,306
24	21	98 631	17 386,408	238 946,473	13,743	13,273
25	22	98 567	16 162,909	221 560,065	13,708	13,238
26	23	98 502	15 025,429	205 397,156	13,670	13,200
27	24	98 434	13 967,489	190 371,727	13,630	13,159
28	25	98 366	12 983,955	176 404,237	13,586	13,116
29	26	98 297	12 069,625	163 420,282	13,540	13,070
30	27	98 221	11 218,946	151 350,657	13,491	13,020
31	28	98 143	10 427,938	140 131,711	13,438	12,968
32	29	98 051	9 691,313	129 703,772	13,384	12,913
33	30	97 957	9 006,528	120 012,459	13,325	12,855
34	31	97 859	8 369,731	111 005,931	13,263	12,793
35	32	97 749	7 777,043	102 636,200	13,197	12,727
36	33	97 628	7 225,528	94 859,157	13,128	12,658
37	34	97 507	6 713,067	87 633,629	13,054	12,584
38	35	97 377	6 236,422	80 920,562	12,975	12,505
39	36	97 236	5 792,902	74 684,140	12,892	12,422
40	37	97 084	5 380,341	68 891,239	12,804	12,334
41	38	96 918	4 996,378	63 510,898	12,711	12,241
42	39	96 732	4 638,919	58 514,520	12,614	12,144
43	40	96 531	4 306,277	53 875,601	12,511	12,041
44	41	96 307	3 996,564	49 569,324	12,403	11,933
45	42	96 061	3 708,228	45 572,760	12,290	11,819
46	43	95 785	3 439,606	41 864,532	12,171	11,701
47	44	95 490	3 189,770	38 424,926	12,046	11,576
48	45	95 155	2 956,833	35 235,157	11,917	11,446
49	46	94 785	2 739,832	32 278,324	11,781	11,311
50	47	94 367	2 537,435	29 538,491	11,641	11,171
51	48	93 900	2 348,730	27 001,057	11,496	11,026
52	49	93 388	2 172,948	24 652,327	11,345	10,875
53	50	92 806	2 008,756	22 479,379	11,191	10,720
54	51	92 161	1 855,629	20 470,623	11,032	10,561
55	52	91 445	1 712,753	18 614,995	10,868	10,398
56	53	90 660	1 579,575	16 902,242	10,701	10,230
57	54	89 794	1 455,347	15 322,667	10,529	10,058
58	55	88 849	1 339,559	13 867,320	10,352	9,882
59	56	87 807	1 231,490	12 527,761	10,173	9,703
60	57	86 680	1 130,868	11 296,271	9,989	9,519
61	58	85 467	1 037,249	10 165,403	9,800	9,330
62	59	84 155	950,072	9 128,154	9,608	9,138
63	60	82 733	868,853	8 178,082	9,412	8,942
64	61	81 212	793,373	7 309,229	9,213	8,743
65	62	79 604	723,415	6 515,855	9,007	8,537
66	63	77 905	658,577	5 792,440	8,795	8,325
67	64	76 127	598,648	5 133,864	8,576	8,105
68	65	74 215	542,898	4 535,216	8,354	7,883
69	66	72 244	491,605	3 992,318	8,121	7,651
70	67	70 135	443,958	3 500,713	7,885	7,415
71	68	67 899	399,818	3 056,755	7,645	7,175
72	69	65 566	359,146	2 656,937	7,398	6,928
73	70	63 138	321,718	2 297,791	7,142	6,672
74	71	60 604	287,261	1 976,073	6,879	6,409
75	72	57 944	255,490	1 688,812	6,610	6,140
76	73	55 166	226,269	1 433,322	6,335	5,864
77	74	52 267	199,423	1 207,053	6,053	5,582
78	75	49 253	174,814	1 007,630	5,764	5,294
79	76	46 080	152,141	832,816	5,474	5,004
80	77	42 718	131,200	680,675	5,188	4,718
81	78	39 232	112,087	549,475	4,902	4,432
82	79	35 593	94,595	437,388	4,624	4,154
83	80	31 847	78,735	342,793	4,354	3,883
84	81	28 027	64,456	264,058	4,097	3,626
85	82	24 238	51,854	199,602	3,849	3,379
86	83	20 543	40,883	147,748	3,614	3,144
87	84	17 028	31,522	106,866	3,390	2,920
88	85	13 771	23,714	75,343	3,177	2,707
89	86	10 833	17,353	51,629	2,975	2,505
90	87	8 266	12,318	34,276	2,783	2,312
91	88	6 096	8,450	21,957	2,599	2,128
92	89	4 304	5,550	13,508	2,434	1,964
93	90	2 902	3,481	7,958	2,286	1,816
94	91	1 869	2,086	4,477	2,146	1,676
95	92	1 131	1,174	2,391	2,037	1,567
96	93	656	0,633	1,218	1,922	1,452
97	94	357	0,320	0,584	1,823	1,353
98	95	181	0,151	0,264	1,748	1,278
99	96	87	0,067	0,113	1,677	1,207
100	97	39	0,028	0,046	1,619	1,149

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	74 572,922	1 052 874,504	14,119	13,648
5	1	99 273	69 149,599	978 301,582	14,148	13,677
6	2	99 241	64 304,285	909 151,983	14,138	13,668
7	3	99 219	59 804,614	844 847,699	14,127	13,657
8	4	99 199	55 620,887	785 043,085	14,114	13,644
9	5	99 182	51 731,441	729 422,197	14,100	13,630
10	6	99 166	48 114,792	677 690,756	14,085	13,615
11	7	99 152	44 751,558	629 575,964	14,068	13,598
12	8	99 138	41 623,587	584 824,406	14,050	13,580
13	9	99 124	38 714,185	543 200,819	14,031	13,561
14	10	99 108	36 007,421	504 486,634	14,011	13,540
15	11	99 091	33 489,245	468 479,213	13,989	13,519
16	12	99 068	31 145,784	434 989,968	13,966	13,496
17	13	99 035	28 963,068	403 844,184	13,943	13,473
18	14	98 997	26 932,181	374 881,116	13,919	13,449
19	15	98 949	25 040,959	347 948,935	13,895	13,425
20	16	98 895	23 281,276	322 907,976	13,870	13,400
21	17	98 837	21 644,185	299 626,700	13,843	13,373
22	18	98 778	20 122,175	277 982,515	13,815	13,344
23	19	98 714	18 706,050	257 860,340	13,785	13,315
24	20	98 649	17 389,628	239 154,290	13,753	13,282
25	21	98 583	16 165,585	221 764,662	13,718	13,248
26	22	98 519	15 028,030	205 599,077	13,681	13,211
27	23	98 456	13 970,521	190 571,047	13,641	13,171
28	24	98 382	12 986,157	176 600,526	13,599	13,129
29	25	98 315	12 071,876	163 614,369	13,553	13,083
30	26	98 240	11 221,130	151 542,493	13,505	13,035
31	27	98 165	10 430,217	140 321,363	13,453	12,983
32	28	98 076	9 693,731	129 891,146	13,400	12,929
33	29	97 983	9 008,860	120 197,416	13,342	12,872
34	30	97 888	8 372,217	111 188,556	13,281	12,810
35	31	97 780	7 779,526	102 816,339	13,216	12,746
36	32	97 662	7 228,036	95 036,813	13,148	12,678
37	33	97 541	6 715,458	87 808,777	13,076	12,605
38	34	97 415	6 238,862	81 093,319	12,998	12,528
39	35	97 275	5 795,234	74 854,457	12,917	12,446
40	36	97 130	5 382,865	69 059,223	12,829	12,359
41	37	96 962	4 998,678	63 676,358	12,739	12,268
42	38	96 789	4 641,637	58 677,680	12,642	12,171
43	39	96 588	4 308,844	54 036,043	12,541	12,070
44	40	96 373	3 999,279	49 727,199	12,434	11,964
45	41	96 134	3 711,059	45 727,920	12,322	11,852
46	42	95 865	3 442,462	42 016,862	12,205	11,735
47	43	95 576	3 192,643	38 574,399	12,082	11,612
48	44	95 252	2 959,852	35 381,756	11,954	11,484
49	45	94 890	2 742,882	32 421,904	11,820	11,350
50	46	94 487	2 540,661	29 679,022	11,682	11,211
51	47	94 035	2 352,101	27 138,361	11,538	11,068
52	48	93 537	2 176,429	24 786,260	11,388	10,918
53	49	92 974	2 012,401	22 609,831	11,235	10,765
54	50	92 343	1 859,293	20 597,429	11,078	10,608
55	51	91 647	1 716,544	18 738,137	10,916	10,446
56	52	90 883	1 583,463	17 021,592	10,750	10,279
57	53	90 040	1 459,336	15 438,129	10,579	10,109
58	54	89 117	1 343,603	13 978,794	10,404	9,934
59	55	88 099	1 235,584	12 635,191	10,226	9,756
60	56	86 995	1 134,975	11 399,607	10,044	9,574
61	57	85 810	1 041,407	10 264,632	9,857	9,386
62	58	84 528	954,281	9 223,225	9,665	9,195
63	59	83 135	873,070	8 268,945	9,471	9,001
64	60	81 652	797,674	7 395,874	9,272	8,802
65	61	80 052	727,485	6 598,200	9,070	8,600
66	62	78 381	662,603	5 870,715	8,860	8,390
67	63	76 632	602,615	5 208,112	8,643	8,172
68	64	74 760	546,883	4 605,497	8,421	7,951
69	65	72 827	495,576	4 058,614	8,190	7,719
70	66	70 753	447,871	3 563,038	7,956	7,485
71	67	68 564	403,732	3 115,167	7,716	7,246
72	68	66 243	362,852	2 711,435	7,473	7,002
73	69	63 852	325,353	2 348,583	7,219	6,748
74	70	61 352	290,804	2 023,230	6,957	6,487
75	71	58 730	258,958	1 732,426	6,690	6,220
76	72	55 972	229,577	1 473,468	6,418	5,948
77	73	53 089	202,560	1 243,892	6,141	5,671
78	74	50 111	177,857	1 041,332	5,855	5,385
79	75	46 976	155,098	863,475	5,567	5,097
80	76	43 671	134,127	708,377	5,281	4,811
81	77	40 215	114,896	574,250	4,998	4,528
82	78	36 622	97,330	459,353	4,720	4,249
83	79	32 931	81,416	362,024	4,447	3,976
84	80	29 146	67,031	280,608	4,186	3,716
85	81	25 355	54,244	213,577	3,937	3,467
86	82	21 632	43,050	159,333	3,701	3,231
87	83	18 078	33,466	116,283	3,475	3,004
88	84	14 763	25,423	82,817	3,258	2,787
89	85	11 739	18,805	57,394	3,052	2,582
90	86	9 073	13,520	38,589	2,854	2,384
91	87	6 782	9,401	25,068	2,666	2,196
92	88	4 862	6,269	15,667	2,499	2,029
93	89	3 339	4,005	9,398	2,347	1,876
94	90	2 194	2,448	5,393	2,203	1,732
95	91	1 358	1,410	2,945	2,089	1,618
96	92	808	0,780	1,535	1,968	1,498
97	93	451	0,405	0,755	1,864	1,394
98	94	236	0,197	0,350	1,774	1,304
99	95	115	0,090	0,153	1,704	1,234
100	96	53	0,039	0,063	1,639	1,169

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	69 362,114	978 776,698	14,111	13,641
6	1	99 264	64 319,146	909 414,583	14,139	13,669
7	2	99 231	59 811,736	845 095,437	14,129	13,659
8	3	99 210	55 627,515	785 283,701	14,117	13,647
9	4	99 191	51 736,145	729 656,186	14,103	13,633
10	5	99 174	48 118,401	677 920,041	14,089	13,618
11	6	99 158	44 754,504	629 801,640	14,072	13,602
12	7	99 143	41 625,639	585 047,136	14,055	13,585
13	8	99 130	38 716,582	543 421,497	14,036	13,566
14	9	99 115	36 009,751	504 704,915	14,016	13,546
15	10	99 096	33 491,230	468 695,164	13,995	13,524
16	11	99 076	31 148,104	435 203,934	13,972	13,502
17	12	99 043	28 965,360	404 055,830	13,950	13,479
18	13	99 006	26 934,489	375 090,470	13,926	13,456
19	14	98 959	25 043,587	348 155,981	13,902	13,432
20	15	98 908	23 284,189	323 112,393	13,877	13,407
21	16	98 851	21 647,239	299 828,204	13,851	13,380
22	17	98 793	20 125,121	278 180,965	13,823	13,352
23	18	98 734	18 709,860	258 055,844	13,793	13,322
24	19	98 668	17 392,986	239 345,984	13,761	13,291
25	20	98 601	16 168,579	221 952,998	13,727	13,257
26	21	98 536	15 030,518	205 784,419	13,691	13,221
27	22	98 473	13 972,939	190 753,901	13,652	13,181
28	23	98 404	12 988,975	176 780,962	13,610	13,140
29	24	98 332	12 073,924	163 791,987	13,566	13,095
30	25	98 259	11 223,222	151 718,063	13,518	13,048
31	26	98 184	10 432,247	140 494,841	13,467	12,997
32	27	98 097	9 695,849	130 062,594	13,414	12,944
33	28	98 007	9 011,107	120 366,746	13,358	12,887
34	29	97 913	8 374,384	111 355,639	13,297	12,827
35	30	97 809	7 781,837	102 981,255	13,234	12,763
36	31	97 693	7 230,344	95 199,418	13,167	12,696
37	32	97 575	6 717,789	87 969,073	13,095	12,625
38	33	97 450	6 241,084	81 251,284	13,019	12,548
39	34	97 313	5 797,502	75 010,200	12,938	12,468
40	35	97 169	5 385,032	69 212,699	12,853	12,383
41	36	97 008	5 001,023	63 827,667	12,763	12,293
42	37	96 834	4 643,774	58 826,644	12,668	12,198
43	38	96 645	4 311,369	54 182,869	12,567	12,097
44	39	96 430	4 001,662	49 871,501	12,463	11,992
45	40	96 200	3 713,579	45 869,838	12,352	11,882
46	41	95 938	3 445,091	42 156,259	12,237	11,766
47	42	95 655	3 195,294	38 711,168	12,115	11,645
48	43	95 338	2 962,518	35 515,874	11,988	11,518
49	44	94 987	2 745,683	32 553,356	11,856	11,386
50	45	94 592	2 543,489	29 807,673	11,719	11,249
51	46	94 154	2 355,092	27 264,184	11,577	11,106
52	47	93 672	2 179,553	24 909,092	11,429	10,958
53	48	93 123	2 015,626	22 729,539	11,277	10,806
54	49	92 511	1 862,667	20 713,913	11,121	10,650
55	50	91 828	1 719,934	18 851,246	10,960	10,490
56	51	91 084	1 586,968	17 131,312	10,795	10,325
57	52	90 262	1 462,927	15 544,344	10,626	10,155
58	53	89 362	1 347,285	14 081,417	10,452	9,981
59	54	88 365	1 239,314	12 734,132	10,275	9,805
60	55	87 284	1 138,748	11 494,818	10,094	9,624
61	56	86 121	1 045,189	10 356,070	9,908	9,438
62	57	84 867	958,106	9 310,881	9,718	9,248
63	58	83 503	876,938	8 352,775	9,525	9,055
64	59	82 048	801,545	7 475,837	9,327	8,857
65	60	80 486	731,428	6 674,291	9,125	8,655
66	61	78 822	666,331	5 942,863	8,919	8,449
67	62	77 100	606,300	5 276,532	8,703	8,233
68	63	75 256	550,508	4 670,232	8,483	8,013
69	64	73 362	499,214	4 119,724	8,252	7,782
70	65	71 325	451,488	3 620,510	8,019	7,549
71	66	69 168	407,290	3 169,022	7,781	7,310
72	67	66 891	366,404	2 761,733	7,537	7,067
73	68	64 511	328,711	2 395,328	7,287	6,817
74	69	62 045	294,090	2 066,618	7,027	6,557
75	70	59 455	262,151	1 772,528	6,761	6,291
76	71	56 732	232,693	1 510,377	6,491	6,021
77	72	53 865	205,521	1 277,684	6,217	5,747
78	73	50 899	180,654	1 072,163	5,935	5,465
79	74	47 794	157,798	891,509	5,650	5,179
80	75	44 520	136,735	733,711	5,366	4,896
81	76	41 113	117,460	596,977	5,082	4,612
82	77	37 540	99,769	479,517	4,806	4,336
83	78	33 884	83,770	379,747	4,533	4,063
84	79	30 139	69,313	295,978	4,270	3,800
85	80	26 368	56,410	226,665	4,018	3,548
86	81	22 629	45,034	170,255	3,781	3,310
87	82	19 036	35,240	125,220	3,553	3,083
88	83	15 673	26,991	89,980	3,334	2,863
89	84	12 585	20,161	62,989	3,124	2,654
90	85	9 832	14,652	42,828	2,923	2,453
91	86	7 444	10,319	28,177	2,731	2,260
92	87	5 409	6,975	17,858	2,560	2,090
93	88	3 772	4,524	10,883	2,405	1,935
94	89	2 525	2,817	6,359	2,257	1,787
95	90	1 594	1,655	3,542	2,140	1,670
96	91	970	0,936	1,887	2,015	1,545
97	92	555	0,499	0,951	1,906	1,436
98	93	299	0,249	0,452	1,812	1,341
99	94	151	0,117	0,202	1,728	1,258
100	95	71	0,051	0,085	1,664	1,194

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	64 516,817	909 851,898	14,103	13,632
7	1	99 254	59 825,559	845 335,081	14,130	13,660
8	2	99 222	55 634,140	785 509,522	14,119	13,649
9	3	99 202	51 742,310	729 875,382	14,106	13,636
10	4	99 183	48 122,777	678 133,072	14,092	13,621
11	5	99 166	44 757,861	630 010,295	14,076	13,606
12	6	99 150	41 628,379	585 252,435	14,059	13,589
13	7	99 135	38 718,490	543 624,056	14,040	13,570
14	8	99 121	36 011,981	504 905,565	14,020	13,550
15	9	99 103	33 493,397	468 893,585	14,000	13,529
16	10	99 082	31 149,950	435 400,188	13,978	13,507
17	11	99 050	28 967,518	404 250,238	13,955	13,485
18	12	99 014	26 936,621	375 282,720	13,932	13,462
19	13	98 968	25 045,734	348 346,099	13,908	13,438
20	14	98 918	23 286,633	323 300,365	13,884	13,413
21	15	98 863	21 649,948	300 013,733	13,857	13,387
22	16	98 807	20 127,962	278 363,785	13,830	13,359
23	17	98 748	18 712,600	258 235,824	13,800	13,330
24	18	98 688	17 396,528	239 523,224	13,768	13,298
25	19	98 621	16 171,700	222 126,695	13,736	13,265
26	20	98 554	15 033,302	205 954,995	13,700	13,230
27	21	98 489	13 975,252	190 921,693	13,661	13,191
28	22	98 421	12 991,224	176 946,441	13,620	13,150
29	23	98 353	12 076,544	163 955,217	13,576	13,106
30	24	98 275	11 225,126	151 878,673	13,530	13,060
31	25	98 202	10 434,192	140 653,547	13,480	13,010
32	26	98 116	9 697,735	130 219,355	13,428	12,958
33	27	98 028	9 013,076	120 521,620	13,372	12,902
34	28	97 937	8 376,473	111 508,544	13,312	12,842
35	29	97 834	7 783,851	103 132,071	13,249	12,779
36	30	97 722	7 232,492	95 348,220	13,183	12,713
37	31	97 606	6 719,934	88 115,728	13,113	12,642
38	32	97 484	6 243,251	81 395,794	13,037	12,567
39	33	97 348	5 799,567	75 152,543	12,958	12,488
40	34	97 207	5 387,139	69 352,976	12,874	12,404
41	35	97 047	5 003,037	63 965,838	12,785	12,315
42	36	96 879	4 645,953	58 962,801	12,691	12,221
43	37	96 689	4 313,354	54 316,848	12,593	12,122
44	38	96 487	4 004,007	50 003,494	12,488	12,018
45	39	96 257	3 715,793	45 999,487	12,379	11,909
46	40	96 003	3 447,430	42 283,694	12,265	11,795
47	41	95 728	3 197,734	38 836,264	12,145	11,675
48	42	95 417	2 964,978	35 638,530	12,020	11,550
49	43	95 073	2 748,156	32 673,552	11,889	11,419
50	44	94 688	2 546,086	29 925,395	11,753	11,283
51	45	94 259	2 357,713	27 379,309	11,613	11,142
52	46	93 791	2 182,324	25 021,596	11,466	10,995
53	47	93 257	2 018,519	22 839,271	11,315	10,845
54	48	92 659	1 865,651	20 820,752	11,160	10,690
55	49	91 995	1 723,055	18 955,101	11,001	10,531
56	50	91 264	1 590,102	17 232,046	10,837	10,367
57	51	90 462	1 466,166	15 641,944	10,669	10,198
58	52	89 581	1 350,601	14 175,779	10,496	10,026
59	53	88 607	1 242,710	12 825,177	10,320	9,850
60	54	87 548	1 142,186	11 582,467	10,141	9,670
61	55	86 408	1 048,664	10 440,281	9,956	9,486
62	56	85 175	961,586	9 391,617	9,767	9,297
63	57	83 838	880,453	8 430,032	9,575	9,104
64	58	82 412	805,096	7 549,579	9,377	8,907
65	59	80 877	734,978	6 744,482	9,176	8,706
66	60	79 249	669,943	6 009,504	8,970	8,500
67	61	77 534	609,711	5 339,561	8,758	8,287
68	62	75 716	553,874	4 729,850	8,540	8,069
69	63	73 848	502,523	4 175,976	8,310	7,840
70	64	71 848	454,802	3 673,454	8,077	7,607
71	65	69 727	410,579	3 218,651	7,839	7,369
72	66	67 481	369,633	2 808,072	7,597	7,127
73	67	65 142	331,928	2 438,439	7,346	6,876
74	68	62 685	297,125	2 106,511	7,090	6,619
75	69	60 127	265,113	1 809,386	6,825	6,355
76	70	57 431	235,563	1 544,272	6,556	6,085
77	71	54 596	208,310	1 308,710	6,283	5,812
78	72	51 643	183,295	1 100,399	6,003	5,533
79	73	48 545	160,279	917,104	5,722	5,252
80	74	45 295	139,115	756,825	5,440	4,970
81	75	41 912	119,743	617,710	5,159	4,688
82	76	38 377	101,995	497,967	4,882	4,412
83	77	34 733	85,869	395,972	4,611	4,141
84	78	31 010	71,317	310,103	4,348	3,878
85	79	27 266	58,331	238,786	4,094	3,623
86	80	23 533	46,833	180,455	3,853	3,383
87	81	19 913	36,864	133,622	3,625	3,154
88	82	16 504	28,422	96,757	3,404	2,934
89	83	13 361	21,404	68,335	3,193	2,722
90	84	10 541	15,708	46,932	2,988	2,518
91	85	8 067	11,182	31,224	2,792	2,322
92	86	5 937	7,656	20,042	2,618	2,148
93	87	4 196	5,034	12,386	2,461	1,990
94	88	2 852	3,182	7,352	2,310	1,840
95	89	1 834	1,904	4,170	2,190	1,720
96	90	1 138	1,099	2,266	2,062	1,592
97	91	667	0,599	1,167	1,949	1,479
98	92	367	0,307	0,568	1,851	1,380
99	93	191	0,148	0,261	1,763	1,293
100	94	93	0,067	0,113	1,686	1,216

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7	0	99 559	60 009,420	845 737,580	14,093	13,623
8	1	99 245	55 646,997	785 728,160	14,120	13,650
9	2	99 214	51 748,472	730 081,163	14,108	13,638
10	3	99 194	48 128,511	678 332,691	14,094	13,624
11	4	99 175	44 761,931	630 204,180	14,079	13,609
12	5	99 157	41 631,501	585 442,249	14,062	13,592
13	6	99 142	38 721,039	543 810,748	14,044	13,574
14	7	99 126	36 013,756	505 089,709	14,025	13,555
15	8	99 109	33 495,471	469 075,953	14,004	13,534
16	9	99 088	31 151,966	435 580,482	13,982	13,512
17	10	99 056	28 969,234	404 428,517	13,961	13,490
18	11	99 021	26 938,627	375 459,282	13,938	13,467
19	12	98 976	25 047,716	348 520,655	13,914	13,444
20	13	98 927	23 288,629	323 472,940	13,890	13,419
21	14	98 874	21 652,220	300 184,311	13,864	13,394
22	15	98 819	20 130,480	278 532,091	13,836	13,366
23	16	98 762	18 715,240	258 401,611	13,807	13,337
24	17	98 703	17 399,076	239 686,371	13,776	13,306
25	18	98 641	16 174,994	222 287,295	13,743	13,272
26	19	98 573	15 036,204	206 112,300	13,708	13,237
27	20	98 507	13 977,841	191 076,096	13,670	13,200
28	21	98 437	12 993,375	177 098,255	13,630	13,160
29	22	98 370	12 078,634	164 104,881	13,586	13,116
30	23	98 297	11 227,562	152 026,246	13,540	13,070
31	24	98 219	10 435,962	140 798,684	13,492	13,021
32	25	98 135	9 699,544	130 362,722	13,440	12,970
33	26	98 048	9 014,830	120 663,178	13,385	12,915
34	27	97 959	8 378,303	111 648,349	13,326	12,856
35	28	97 859	7 785,793	103 270,046	13,264	12,794
36	29	97 747	7 234,364	95 484,253	13,199	12,728
37	30	97 635	6 721,930	88 249,889	13,129	12,658
38	31	97 515	6 245,244	81 527,959	13,054	12,584
39	32	97 381	5 801,580	75 282,715	12,976	12,506
40	33	97 241	5 389,058	69 481,135	12,893	12,423
41	34	97 085	5 004,994	64 092,077	12,806	12,335
42	35	96 918	4 647,823	59 087,083	12,713	12,243
43	36	96 735	4 315,377	54 439,259	12,615	12,145
44	37	96 531	4 005,851	50 123,882	12,513	12,042
45	38	96 313	3 717,970	46 118,031	12,404	11,934
46	39	96 060	3 449,485	42 400,061	12,292	11,821
47	40	95 793	3 199,906	38 950,576	12,172	11,702
48	41	95 490	2 967,242	35 750,670	12,048	11,578
49	42	95 152	2 750,439	32 783,428	11,919	11,449
50	43	94 774	2 548,380	30 032,990	11,785	11,315
51	44	94 355	2 360,121	27 484,610	11,645	11,175
52	45	93 895	2 184,754	25 124,489	11,500	11,030
53	46	93 376	2 021,085	22 939,736	11,350	10,880
54	47	92 792	1 868,330	20 918,650	11,196	10,726
55	48	92 142	1 725,816	19 050,321	11,038	10,568
56	49	91 429	1 592,987	17 324,505	10,875	10,405
57	50	90 640	1 469,061	15 731,518	10,709	10,238
58	51	89 780	1 353,591	14 262,457	10,537	10,066
59	52	88 825	1 245,769	12 908,866	10,362	9,892
60	53	87 788	1 145,316	11 663,097	10,183	9,713
61	54	86 669	1 051,830	10 517,781	10,000	9,529
62	55	85 458	964,782	9 465,951	9,811	9,341
63	56	84 142	883,651	8 501,169	9,621	9,150
64	57	82 742	808,323	7 617,518	9,424	8,954
65	58	81 235	738,234	6 809,195	9,224	8,753
66	59	79 634	673,194	6 070,960	9,018	8,548
67	60	77 954	613,016	5 397,766	8,805	8,335
68	61	76 142	556,990	4 784,750	8,590	8,120
69	62	74 300	505,595	4 227,760	8,362	7,892
70	63	72 324	457,817	3 722,165	8,130	7,660
71	64	70 238	413,593	3 264,348	7,893	7,422
72	65	68 026	372,618	2 850,755	7,651	7,180
73	66	65 716	334,854	2 478,136	7,401	6,930
74	67	63 299	300,034	2 143,283	7,143	6,673
75	68	60 747	267,849	1 843,249	6,882	6,411
76	69	58 080	238,224	1 575,400	6,613	6,143
77	70	55 270	210,880	1 337,176	6,341	5,871
78	71	52 344	185,783	1 126,296	6,062	5,592
79	72	49 255	162,622	940,513	5,783	5,313
80	73	46 007	141,302	777,891	5,505	5,035
81	74	42 641	121,828	636,589	5,225	4,755
82	75	39 123	103,978	514,761	4,951	4,480
83	76	35 508	87,785	410,783	4,679	4,209
84	77	31 787	73,104	322,998	4,418	3,948
85	78	28 054	60,017	249,893	4,164	3,693
86	79	24 334	48,427	189,876	3,921	3,451
87	80	20 709	38,337	141,448	3,690	3,219
88	81	17 265	29,732	103,112	3,468	2,998
89	82	14 069	22,538	73,380	3,256	2,785
90	83	11 191	16,676	50,841	3,049	2,578
91	84	8 648	11,988	34,165	2,850	2,380
92	85	6 434	8,297	22,177	2,673	2,203
93	86	4 606	5,525	13,880	2,512	2,042
94	87	3 173	3,541	8,356	2,360	1,890
95	88	2 072	2,151	4,815	2,239	1,768
96	89	1 310	1,265	2,664	2,107	1,636
97	90	782	0,703	1,400	1,992	1,521
98	91	441	0,369	0,697	1,890	1,419
99	92	235	0,182	0,328	1,799	1,329
100	93	117	0,085	0,146	1,719	1,248

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7						
8	0	99 550	55 818,016	786 098,611	14,083	13,613
9	1	99 237	51 760,432	730 280,595	14,109	13,639
10	2	99 206	48 134,243	678 520,163	14,096	13,626
11	3	99 187	44 767,264	630 385,921	14,081	13,611
12	4	99 166	41 635,287	585 618,656	14,065	13,595
13	5	99 149	38 723,943	543 983,369	14,048	13,577
14	6	99 132	36 016,127	505 259,426	14,029	13,558
15	7	99 114	33 497,122	469 243,299	14,008	13,538
16	8	99 094	31 153,894	435 746,177	13,987	13,517
17	9	99 062	28 971,109	404 592,283	13,965	13,495
18	10	99 027	26 940,223	375 621,174	13,943	13,472
19	11	98 983	25 049,582	348 680,951	13,920	13,449
20	12	98 934	23 290,471	323 631,369	13,895	13,425
21	13	98 882	21 654,076	300 340,897	13,870	13,400
22	14	98 829	20 132,593	278 686,821	13,843	13,372
23	15	98 774	18 717,582	258 554,229	13,813	13,343
24	16	98 717	17 401,531	239 836,647	13,783	13,312
25	17	98 655	16 177,363	222 435,116	13,750	13,279
26	18	98 593	15 039,267	206 257,753	13,715	13,244
27	19	98 526	13 980,539	191 218,486	13,677	13,207
28	20	98 455	12 995,781	177 237,946	13,638	13,168
29	21	98 386	12 080,634	164 242,165	13,595	13,125
30	22	98 314	11 229,505	152 161,531	13,550	13,080
31	23	98 240	10 438,227	140 932,026	13,502	13,031
32	24	98 151	9 701,189	130 493,799	13,451	12,981
33	25	98 066	9 016,511	120 792,610	13,397	12,927
34	26	97 978	8 379,934	111 776,099	13,339	12,868
35	27	97 880	7 787,494	103 396,166	13,277	12,807
36	28	97 772	7 236,169	95 608,671	13,213	12,742
37	29	97 661	6 723,670	88 372,503	13,143	12,673
38	30	97 544	6 247,099	81 648,833	13,070	12,600
39	31	97 413	5 803,432	75 401,734	12,993	12,522
40	32	97 275	5 390,929	69 598,301	12,910	12,440
41	33	97 119	5 006,777	64 207,373	12,824	12,354
42	34	96 956	4 649,642	59 200,596	12,732	12,262
43	35	96 774	4 317,114	54 550,954	12,636	12,166
44	36	96 576	4 007,730	50 233,839	12,534	12,064
45	37	96 358	3 719,682	46 226,109	12,427	11,957
46	38	96 117	3 451,507	42 506,427	12,315	11,845
47	39	95 850	3 201,813	39 054,921	12,198	11,727
48	40	95 555	2 969,257	35 853,108	12,075	11,604
49	41	95 224	2 752,538	32 883,851	11,947	11,476
50	42	94 852	2 550,496	30 131,312	11,814	11,344
51	43	94 440	2 362,247	27 580,816	11,676	11,205
52	44	93 991	2 186,985	25 218,569	11,531	11,061
53	45	93 480	2 023,335	23 031,585	11,383	10,913
54	46	92 910	1 870,705	21 008,250	11,230	10,760
55	47	92 275	1 728,293	19 137,545	11,073	10,603
56	48	91 576	1 595,539	17 409,252	10,911	10,441
57	49	90 805	1 471,727	15 813,712	10,745	10,275
58	50	89 957	1 356,264	14 341,985	10,575	10,104
59	51	89 022	1 248,527	12 985,721	10,401	9,931
60	52	88 004	1 148,135	11 737,195	10,223	9,753
61	53	86 906	1 054,712	10 589,060	10,040	9,569
62	54	85 716	967,695	9 534,348	9,853	9,382
63	55	84 422	886,589	8 566,653	9,662	9,192
64	56	83 043	811,259	7 680,064	9,467	8,997
65	57	81 561	741,193	6 868,805	9,267	8,797
66	58	79 987	676,177	6 127,612	9,062	8,592
67	59	78 332	615,991	5 451,435	8,850	8,380
68	60	76 555	560,009	4 835,444	8,635	8,164
69	61	74 718	508,440	4 275,435	8,409	7,939
70	62	72 766	460,616	3 766,995	8,178	7,708
71	63	70 704	416,335	3 306,379	7,942	7,471
72	64	68 525	375,354	2 890,045	7,700	7,229
73	65	66 247	337,558	2 514,691	7,450	6,979
74	66	63 857	302,678	2 177,133	7,193	6,723
75	67	61 342	270,471	1 874,455	6,930	6,460
76	68	58 680	240,683	1 603,984	6,664	6,194
77	69	55 894	213,262	1 363,301	6,393	5,922
78	70	52 989	188,074	1 150,039	6,115	5,645
79	71	49 923	164,830	961,965	5,836	5,366
80	72	46 680	143,368	797,135	5,560	5,090
81	73	43 312	123,743	653,767	5,283	4,813
82	74	39 804	105,788	530,023	5,010	4,540
83	75	36 198	89,492	424,235	4,741	4,270
84	76	32 497	74,736	334,744	4,479	4,009
85	77	28 757	61,522	260,008	4,226	3,756
86	78	25 038	49,828	198,486	3,983	3,513
87	79	21 414	39,642	148,659	3,750	3,280
88	80	17 955	30,920	109,017	3,526	3,056
89	81	14 718	23,577	78,097	3,312	2,842
90	82	11 784	17,560	54,520	3,105	2,634
91	83	9 181	12,727	36,960	2,904	2,434
92	84	6 898	8,895	24,233	2,724	2,254
93	85	4 991	5,987	15,338	2,562	2,092
94	86	3 483	3,886	9,351	2,406	1,936
95	87	2 305	2,393	5,465	2,284	1,813
96	88	1 480	1,429	3,072	2,150	1,680
97	89	900	0,809	1,643	2,032	1,562
98	90	518	0,433	0,835	1,928	1,458
99	91	282	0,219	0,402	1,835	1,365
100	92	144	0,104	0,183	1,752	1,281

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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3						
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8						
9	0	99 542	51 919,506	730 621,549	14,072	13,602
10	1	99 229	48 145,367	678 702,044	14,097	13,627
11	2	99 199	44 772,596	630 556,677	14,084	13,613
12	3	99 178	41 640,248	585 784,081	14,068	13,597
13	4	99 158	38 727,465	544 143,833	14,051	13,580
14	5	99 140	36 018,828	505 416,368	14,032	13,562
15	6	99 120	33 499,327	469 397,540	14,012	13,542
16	7	99 099	31 155,430	435 898,213	13,991	13,521
17	8	99 069	28 972,903	404 742,783	13,970	13,499
18	9	99 033	26 941,967	375 769,880	13,947	13,477
19	10	98 989	25 051,066	348 827,913	13,925	13,454
20	11	98 942	23 292,206	323 776,847	13,901	13,430
21	12	98 890	21 655,789	300 484,641	13,875	13,405
22	13	98 838	20 134,318	278 828,852	13,848	13,378
23	14	98 785	18 719,546	258 694,533	13,819	13,349
24	15	98 729	17 403,709	239 974,987	13,789	13,318
25	16	98 669	16 179,646	222 571,278	13,756	13,286
26	17	98 608	15 041,469	206 391,632	13,722	13,251
27	18	98 546	13 983,387	191 350,163	13,684	13,214
28	19	98 474	12 998,290	177 366,776	13,645	13,175
29	20	98 405	12 082,872	164 368,486	13,603	13,133
30	21	98 330	11 231,365	152 285,614	13,559	13,089
31	22	98 257	10 440,033	141 054,250	13,511	13,041
32	23	98 173	9 703,294	130 614,216	13,461	12,991
33	24	98 082	9 018,040	120 910,922	13,408	12,937
34	25	97 996	8 381,496	111 892,882	13,350	12,880
35	26	97 899	7 789,010	103 511,385	13,289	12,819
36	27	97 793	7 237,750	95 722,376	13,225	12,755
37	28	97 685	6 725,347	88 484,626	13,157	12,687
38	29	97 569	6 248,716	81 759,279	13,084	12,614
39	30	97 442	5 805,156	75 510,563	13,007	12,537
40	31	97 306	5 392,650	69 705,407	12,926	12,456
41	32	97 153	5 008,515	64 312,757	12,841	12,370
42	33	96 991	4 651,298	59 304,242	12,750	12,280
43	34	96 812	4 318,804	54 652,944	12,655	12,184
44	35	96 615	4 009,344	50 334,140	12,554	12,084
45	36	96 403	3 721,427	46 324,796	12,448	11,978
46	37	96 161	3 453,096	42 603,369	12,338	11,867
47	38	95 907	3 203,689	39 150,274	12,220	11,750
48	39	95 612	2 971,027	35 946,584	12,099	11,629
49	40	95 289	2 754,408	32 975,557	11,972	11,502
50	41	94 925	2 552,443	30 221,150	11,840	11,370
51	42	94 519	2 364,208	27 668,706	11,703	11,233
52	43	94 076	2 188,954	25 304,498	11,560	11,090
53	44	93 575	2 025,401	23 115,543	11,413	10,943
54	45	93 013	1 872,787	21 090,142	11,261	10,791
55	46	92 392	1 730,490	19 217,355	11,105	10,635
56	47	91 707	1 597,830	17 486,864	10,944	10,474
57	48	90 950	1 474,085	15 889,034	10,779	10,309
58	49	90 120	1 358,725	14 414,950	10,609	10,139
59	50	89 198	1 250,992	13 056,225	10,437	9,966
60	51	88 198	1 150,677	11 805,233	10,259	9,789
61	52	87 120	1 057,308	10 654,556	10,077	9,607
62	53	85 951	970,347	9 597,248	9,891	9,420
63	54	84 677	889,265	8 626,901	9,701	9,231
64	55	83 319	813,956	7 737,636	9,506	9,036
65	56	81 857	743,885	6 923,680	9,307	8,837
66	57	80 307	678,887	6 179,795	9,103	8,633
67	58	78 679	618,720	5 500,908	8,891	8,421
68	59	76 926	562,727	4 882,188	8,676	8,206
69	60	75 123	511,196	4 319,460	8,450	7,979
70	61	73 176	463,208	3 808,265	8,222	7,751
71	62	71 136	418,880	3 345,057	7,986	7,515
72	63	68 979	377,842	2 926,177	7,744	7,274
73	64	66 733	340,036	2 548,336	7,494	7,024
74	65	64 372	305,122	2 208,299	7,237	6,767
75	66	61 882	272,855	1 903,177	6,975	6,505
76	67	59 254	243,039	1 630,322	6,708	6,238
77	68	56 471	215,463	1 387,283	6,439	5,968
78	69	53 588	190,199	1 171,820	6,161	5,691
79	70	50 539	166,862	981,621	5,883	5,413
80	71	47 313	145,314	814,759	5,607	5,137
81	72	43 945	125,553	669,445	5,332	4,862
82	73	40 430	107,452	543,892	5,062	4,591
83	74	36 828	91,049	436,440	4,793	4,323
84	75	33 128	76,188	345,391	4,533	4,063
85	76	29 399	62,895	269,203	4,280	3,810
86	77	25 665	51,077	206,308	4,039	3,569
87	78	22 033	40,788	155,232	3,806	3,336
88	79	18 566	31,972	114,444	3,579	3,109
89	80	15 306	24,519	82,472	3,364	2,893
90	81	12 327	18,370	57,953	3,155	2,685
91	82	9 668	13,402	39,583	2,954	2,483
92	83	7 323	9,443	26,181	2,773	2,302
93	84	5 351	6,419	16,738	2,608	2,137
94	85	3 774	4,211	10,319	2,450	1,980
95	86	2 530	2,626	6,108	2,326	1,855
96	87	1 646	1,589	3,482	2,190	1,720
97	88	1 017	0,914	1,892	2,071	1,601
98	89	596	0,498	0,979	1,965	1,495
99	90	331	0,257	0,481	1,870	1,400
100	91	173	0,125	0,224	1,784	1,314

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	48 293,331	679 015,856	14,060	13,590
11	1	99 221	44 782,943	630 722,526	14,084	13,614
12	2	99 190	41 645,207	585 939,582	14,070	13,600
13	3	99 170	38 732,079	544 294,375	14,053	13,583
14	4	99 149	36 022,103	505 562,296	14,035	13,564
15	5	99 128	33 501,840	469 540,192	14,015	13,545
16	6	99 106	31 157,481	436 038,353	13,995	13,524
17	7	99 073	28 974,331	404 880,871	13,974	13,503
18	8	99 040	26 943,635	375 906,541	13,952	13,481
19	9	98 995	25 052,687	348 962,906	13,929	13,459
20	10	98 948	23 293,587	323 910,219	13,906	13,435
21	11	98 897	21 657,402	300 616,632	13,881	13,410
22	12	98 846	20 135,911	278 959,230	13,854	13,384
23	13	98 793	18 721,151	258 823,318	13,825	13,355
24	14	98 739	17 405,535	240 102,167	13,795	13,324
25	15	98 681	16 181,670	222 696,632	13,762	13,292
26	16	98 622	15 043,592	206 514,962	13,728	13,257
27	17	98 561	13 985,435	191 471,370	13,691	13,220
28	18	98 494	13 000,938	177 485,935	13,652	13,181
29	19	98 424	12 085,204	164 484,998	13,610	13,140
30	20	98 348	11 233,445	152 399,793	13,567	13,096
31	21	98 273	10 441,762	141 166,348	13,519	13,049
32	22	98 190	9 704,974	130 724,586	13,470	13,000
33	23	98 104	9 019,997	121 019,612	13,417	12,947
34	24	98 013	8 382,918	111 999,615	13,360	12,890
35	25	97 917	7 790,462	103 616,697	13,300	12,830
36	26	97 812	7 239,158	95 826,235	13,237	12,767
37	27	97 706	6 726,816	88 587,077	13,169	12,699
38	28	97 593	6 250,275	81 860,260	13,097	12,627
39	29	97 467	5 806,659	75 609,985	13,021	12,551
40	30	97 335	5 394,252	69 803,327	12,940	12,470
41	31	97 184	5 010,114	64 409,075	12,856	12,386
42	32	97 024	4 652,913	59 398,961	12,766	12,296
43	33	96 846	4 320,342	54 746,048	12,672	12,201
44	34	96 653	4 010,912	50 425,706	12,572	12,102
45	35	96 442	3 722,925	46 414,793	12,467	11,997
46	36	96 206	3 454,716	42 691,868	12,358	11,887
47	37	95 951	3 205,164	39 237,153	12,242	11,772
48	38	95 668	2 972,768	36 031,988	12,121	11,650
49	39	95 346	2 756,050	33 059,220	11,995	11,525
50	40	94 989	2 554,177	30 303,171	11,864	11,394
51	41	94 591	2 366,013	27 748,994	11,728	11,258
52	42	94 154	2 190,772	25 382,981	11,586	11,116
53	43	93 659	2 027,226	23 192,208	11,440	10,970
54	44	93 108	1 874,700	21 164,983	11,290	10,820
55	45	92 495	1 732,417	19 290,283	11,135	10,665
56	46	91 824	1 599,861	17 557,866	10,975	10,504
57	47	91 081	1 476,201	15 958,005	10,810	10,340
58	48	90 265	1 360,902	14 481,804	10,641	10,171
59	49	89 360	1 253,262	13 120,902	10,469	9,999
60	50	88 373	1 152,949	11 867,640	10,293	9,823
61	51	87 313	1 059,649	10 714,691	10,112	9,641
62	52	86 163	972,735	9 655,042	9,926	9,455
63	53	84 909	891,702	8 682,307	9,737	9,266
64	54	83 570	816,413	7 790,605	9,542	9,072
65	55	82 129	746,358	6 974,192	9,344	8,874
66	56	80 599	681,353	6 227,833	9,140	8,670
67	57	78 995	621,200	5 546,481	8,929	8,458
68	58	77 267	565,220	4 925,281	8,714	8,244
69	59	75 487	513,677	4 360,061	8,488	8,018
70	60	73 573	465,718	3 846,384	8,259	7,789
71	61	71 536	421,237	3 380,666	8,026	7,555
72	62	69 401	380,152	2 959,429	7,785	7,315
73	63	67 176	342,290	2 579,277	7,535	7,065
74	64	64 845	307,362	2 236,987	7,278	6,808
75	65	62 382	275,059	1 929,625	7,015	6,545
76	66	59 776	245,181	1 654,566	6,748	6,278
77	67	57 024	217,572	1 409,386	6,478	6,007
78	68	54 141	192,162	1 191,813	6,202	5,732
79	69	51 110	168,748	999,651	5,924	5,454
80	70	47 897	147,106	830,904	5,648	5,178
81	71	44 542	127,257	683,797	5,373	4,903
82	72	41 021	109,022	556,541	5,105	4,635
83	73	37 407	92,481	447,518	4,839	4,369
84	74	33 705	77,514	355,037	4,580	4,110
85	75	29 970	64,117	277,523	4,328	3,858
86	76	26 238	52,216	213,406	4,087	3,617
87	77	22 585	41,811	161,189	3,855	3,385
88	78	19 103	32,897	119,379	3,629	3,159
89	79	15 827	25,354	86,482	3,411	2,941
90	80	12 819	19,103	61,129	3,200	2,730
91	81	10 114	14,020	42,025	2,998	2,527
92	82	7 711	9,944	28,006	2,816	2,346
93	83	5 681	6,814	18,062	2,651	2,180
94	84	4 046	4,515	11,248	2,491	2,021
95	85	2 742	2,846	6,733	2,365	1,895
96	86	1 807	1,745	3,886	2,228	1,757
97	87	1 132	1,016	2,142	2,107	1,637
98	88	673	0,563	1,126	2,001	1,530
99	89	380	0,296	0,563	1,904	1,433
100	90	203	0,147	0,267	1,817	1,347

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
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10						
11	0	99 526	44 920,574	631 011,367	14,047	13,577
12	1	99 213	41 654,832	586 090,793	14,070	13,600
13	2	99 182	38 736,692	544 435,961	14,055	13,585
14	3	99 161	36 026,396	505 699,269	14,037	13,567
15	4	99 137	33 504,886	469 672,874	14,018	13,548
16	5	99 113	31 159,818	436 167,987	13,998	13,527
17	6	99 080	28 976,238	405 008,169	13,977	13,507
18	7	99 044	26 944,963	376 031,931	13,956	13,485
19	8	99 002	25 054,238	349 086,968	13,933	13,463
20	9	98 954	23 295,094	324 032,730	13,910	13,440
21	10	98 903	21 658,686	300 737,636	13,885	13,415
22	11	98 853	20 137,411	279 078,950	13,859	13,388
23	12	98 801	18 722,632	258 941,539	13,830	13,360
24	13	98 748	17 407,027	240 218,906	13,800	13,330
25	14	98 692	16 183,369	222 811,879	13,768	13,298
26	15	98 634	15 045,474	206 628,511	13,734	13,263
27	16	98 575	13 987,408	191 583,037	13,697	13,227
28	17	98 509	13 002,841	177 595,628	13,658	13,188
29	18	98 444	12 087,666	164 592,787	13,617	13,146
30	19	98 367	11 235,614	152 505,121	13,573	13,103
31	20	98 292	10 443,696	141 269,507	13,527	13,056
32	21	98 206	9 706,581	130 825,811	13,478	13,008
33	22	98 121	9 021,558	121 119,230	13,426	12,955
34	23	98 034	8 384,737	112 097,672	13,369	12,899
35	24	97 934	7 791,784	103 712,935	13,311	12,840
36	25	97 830	7 240,508	95 921,151	13,248	12,778
37	26	97 725	6 728,126	88 680,643	13,181	12,710
38	27	97 615	6 251,641	81 952,517	13,109	12,639
39	28	97 491	5 808,107	75 700,877	13,034	12,563
40	29	97 360	5 395,648	69 892,770	12,954	12,483
41	30	97 213	5 011,602	64 497,122	12,870	12,399
42	31	97 055	4 654,398	59 485,519	12,780	12,310
43	32	96 880	4 321,842	54 831,121	12,687	12,217
44	33	96 687	4 012,341	50 509,279	12,588	12,118
45	34	96 480	3 724,382	46 496,938	12,484	12,014
46	35	96 245	3 456,107	42 772,556	12,376	11,906
47	36	95 996	3 206,668	39 316,449	12,261	11,791
48	37	95 712	2 974,137	36 109,782	12,141	11,671
49	38	95 402	2 757,665	33 135,645	12,016	11,546
50	39	95 046	2 555,699	30 377,980	11,886	11,416
51	40	94 655	2 367,620	27 822,281	11,751	11,281
52	41	94 226	2 192,445	25 454,661	11,610	11,140
53	42	93 737	2 028,909	23 262,216	11,465	10,995
54	43	93 192	1 876,388	21 233,307	11,316	10,846
55	44	92 589	1 734,186	19 356,918	11,162	10,692
56	45	91 926	1 601,642	17 622,733	11,003	10,533
57	46	91 197	1 478,078	16 021,090	10,839	10,369
58	47	90 394	1 362,856	14 543,013	10,671	10,201
59	48	89 503	1 255,270	13 180,157	10,500	10,030
60	49	88 533	1 155,041	11 924,887	10,324	9,854
61	50	87 485	1 061,741	10 769,846	10,144	9,673
62	51	86 353	974,889	9 708,105	9,958	9,488
63	52	85 118	893,897	8 733,216	9,770	9,300
64	53	83 799	818,651	7 839,319	9,576	9,106
65	54	82 377	748,611	7 020,669	9,378	8,908
66	55	80 867	683,618	6 272,057	9,175	8,705
67	56	79 282	623,456	5 588,440	8,964	8,493
68	57	77 577	567,486	4 964,983	8,749	8,279
69	58	75 822	515,952	4 397,498	8,523	8,053
70	59	73 930	467,979	3 881,545	8,294	7,824
71	60	71 924	423,520	3 413,567	8,060	7,590
72	61	69 792	382,291	2 990,047	7,821	7,351
73	62	67 586	344,383	2 607,756	7,572	7,102
74	63	65 275	309,399	2 263,373	7,315	6,845
75	64	62 840	277,078	1 953,974	7,052	6,582
76	65	60 259	247,161	1 676,896	6,785	6,314
77	66	57 526	219,490	1 429,735	6,514	6,044
78	67	54 671	194,043	1 210,246	6,237	5,767
79	68	51 638	170,489	1 016,203	5,961	5,490
80	69	48 438	148,768	845,713	5,685	5,214
81	70	45 091	128,826	696,945	5,410	4,940
82	71	41 578	110,502	568,119	5,141	4,671
83	72	37 954	93,833	457,617	4,877	4,407
84	73	34 235	78,734	363,783	4,620	4,150
85	74	30 492	65,233	285,050	4,370	3,899
86	75	26 748	53,231	219,817	4,129	3,659
87	76	23 089	42,743	166,586	3,897	3,427
88	77	19 582	33,721	123,842	3,673	3,202
89	78	16 284	26,087	90,121	3,455	2,984
90	79	13 256	19,754	64,034	3,242	2,771
91	80	10 518	14,580	44,281	3,037	2,567
92	81	8 067	10,402	29,701	2,855	2,385
93	82	5 982	7,176	19,299	2,690	2,219
94	83	4 296	4,793	12,123	2,529	2,059
95	84	2 940	3,051	7,330	2,402	1,932
96	85	1 958	1,891	4,279	2,263	1,793
97	86	1 242	1,116	2,388	2,141	1,671
98	87	749	0,626	1,273	2,033	1,563
99	88	430	0,334	0,647	1,936	1,466
100	89	234	0,169	0,313	1,847	1,377

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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9						
10						
11						
12	0	99 518	41 782,849	586 356,659	14,033	13,563
13	1	99 205	38 745,644	544 573,810	14,055	13,585
14	2	99 172	36 030,686	505 828,166	14,039	13,569
15	3	99 149	33 508,879	469 797,480	14,020	13,550
16	4	99 122	31 162,652	436 288,601	14,000	13,530
17	5	99 087	28 978,411	405 125,949	13,980	13,510
18	6	99 051	26 946,737	376 147,538	13,959	13,489
19	7	99 006	25 055,473	349 200,801	13,937	13,467
20	8	98 960	23 296,536	324 145,328	13,914	13,444
21	9	98 909	21 660,087	300 848,791	13,890	13,419
22	10	98 859	20 138,605	279 188,704	13,863	13,393
23	11	98 808	18 724,027	259 050,099	13,835	13,365
24	12	98 756	17 408,404	240 326,072	13,805	13,335
25	13	98 700	16 184,756	222 917,668	13,773	13,303
26	14	98 644	15 047,053	206 732,912	13,739	13,269
27	15	98 587	13 989,158	191 685,859	13,702	13,232
28	16	98 523	13 004,676	177 696,701	13,664	13,194
29	17	98 458	12 089,436	164 692,024	13,623	13,153
30	18	98 387	11 237,902	152 602,588	13,579	13,109
31	19	98 311	10 445,712	141 364,686	13,533	13,063
32	20	98 224	9 708,379	130 918,974	13,485	13,015
33	21	98 137	9 023,052	121 210,595	13,433	12,963
34	22	98 051	8 386,188	112 187,543	13,378	12,907
35	23	97 955	7 793,475	103 801,355	13,319	12,849
36	24	97 847	7 241,736	96 007,880	13,258	12,787
37	25	97 744	6 729,380	88 766,144	13,191	12,721
38	26	97 634	6 252,857	82 036,763	13,120	12,650
39	27	97 512	5 809,376	75 783,906	13,045	12,575
40	28	97 385	5 396,994	69 974,530	12,965	12,495
41	29	97 238	5 012,900	64 577,536	12,882	12,412
42	30	97 084	4 655,781	59 564,636	12,794	12,323
43	31	96 911	4 323,222	54 908,856	12,701	12,231
44	32	96 721	4 013,734	50 585,634	12,603	12,133
45	33	96 514	3 725,708	46 571,900	12,500	12,030
46	34	96 282	3 457,459	42 846,191	12,392	11,922
47	35	96 034	3 207,959	39 388,733	12,278	11,808
48	36	95 757	2 975,532	36 180,774	12,159	11,689
49	37	95 446	2 758,934	33 205,242	12,036	11,565
50	38	95 102	2 557,197	30 446,307	11,906	11,436
51	39	94 711	2 369,032	27 889,111	11,772	11,302
52	40	94 290	2 193,934	25 520,079	11,632	11,162
53	41	93 809	2 030,458	23 326,145	11,488	11,018
54	42	93 270	1 877,947	21 295,687	11,340	10,870
55	43	92 673	1 735,748	19 417,740	11,187	10,717
56	44	92 020	1 603,278	17 681,993	11,029	10,558
57	45	91 298	1 479,723	16 078,715	10,866	10,396
58	46	90 509	1 364,588	14 598,992	10,698	10,228
59	47	89 631	1 257,072	13 234,403	10,528	10,058
60	48	88 675	1 156,891	11 977,331	10,353	9,883
61	49	87 644	1 063,668	10 820,440	10,173	9,702
62	50	86 524	976,814	9 756,772	9,988	9,518
63	51	85 306	895,876	8 779,958	9,800	9,330
64	52	84 006	820,666	7 884,083	9,607	9,137
65	53	82 603	750,663	7 063,417	9,410	8,939
66	54	81 111	685,681	6 312,754	9,207	8,736
67	55	79 545	625,529	5 627,073	8,996	8,525
68	56	77 858	569,547	5 001,544	8,782	8,311
69	57	76 126	518,020	4 431,997	8,556	8,085
70	58	74 257	470,052	3 913,976	8,327	7,856
71	59	72 273	425,576	3 443,925	8,092	7,622
72	60	70 170	384,363	3 018,349	7,853	7,383
73	61	67 967	346,320	2 633,986	7,606	7,135
74	62	65 674	311,291	2 287,666	7,349	6,879
75	63	63 257	278,914	1 976,375	7,086	6,616
76	64	60 701	248,975	1 697,461	6,818	6,348
77	65	57 991	221,262	1 448,485	6,546	6,076
78	66	55 153	195,753	1 227,223	6,269	5,799
79	67	52 143	172,158	1 031,470	5,991	5,521
80	68	48 938	150,304	859,312	5,717	5,247
81	69	45 600	130,282	709,008	5,442	4,972
82	70	42 091	111,865	578,726	5,173	4,703
83	71	38 469	95,107	466,861	4,909	4,439
84	72	34 736	79,885	371,754	4,654	4,183
85	73	30 972	66,259	291,870	4,405	3,935
86	74	27 214	54,158	225,611	4,166	3,696
87	75	23 538	43,574	171,453	3,935	3,464
88	76	20 018	34,474	127,879	3,709	3,239
89	77	16 693	26,741	93,405	3,493	3,023
90	78	13 639	20,325	66,665	3,280	2,810
91	79	10 876	15,076	46,340	3,074	2,603
92	80	8 389	10,817	31,264	2,890	2,420
93	81	6 258	7,506	20,447	2,724	2,254
94	82	4 523	5,047	12,940	2,564	2,093
95	83	3 121	3,239	7,893	2,436	1,966
96	84	2 099	2,027	4,653	2,296	1,826
97	85	1 346	1,209	2,626	2,173	1,702
98	86	822	0,687	1,418	2,064	1,593
99	87	478	0,372	0,731	1,966	1,495
100	88	264	0,191	0,359	1,877	1,407

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	38 864,720	544 818,539	14,018	13,548
14	1	99 195	36 039,013	505 953,819	14,039	13,569
15	2	99 160	33 512,869	469 914,806	14,022	13,552
16	3	99 134	31 166,365	436 401,936	14,002	13,532
17	4	99 096	28 981,047	405 235,572	13,983	13,512
18	5	99 058	26 948,758	376 254,525	13,962	13,492
19	6	99 013	25 057,123	349 305,767	13,940	13,470
20	7	98 965	23 297,685	324 248,644	13,918	13,447
21	8	98 916	21 661,428	300 950,960	13,893	13,423
22	9	98 865	20 139,908	279 289,531	13,867	13,397
23	10	98 814	18 725,137	259 149,623	13,840	13,369
24	11	98 763	17 409,701	240 424,487	13,810	13,340
25	12	98 708	16 186,036	223 014,785	13,778	13,308
26	13	98 653	15 048,343	206 828,749	13,744	13,274
27	14	98 597	13 990,627	191 780,406	13,708	13,237
28	15	98 535	13 006,304	177 789,779	13,670	13,199
29	16	98 472	12 091,142	164 783,476	13,628	13,158
30	17	98 402	11 239,548	152 692,334	13,585	13,115
31	18	98 331	10 447,840	141 452,786	13,539	13,069
32	19	98 243	9 710,253	131 004,946	13,491	13,021
33	20	98 155	9 024,723	121 294,693	13,440	12,970
34	21	98 067	8 387,577	112 269,970	13,385	12,915
35	22	97 972	7 794,823	103 882,393	13,327	12,857
36	23	97 868	7 243,308	96 087,569	13,266	12,795
37	24	97 760	6 730,522	88 844,262	13,200	12,730
38	25	97 652	6 254,023	82 113,740	13,130	12,659
39	26	97 531	5 810,507	75 859,717	13,056	12,585
40	27	97 406	5 398,173	70 049,210	12,976	12,506
41	28	97 262	5 014,150	64 651,037	12,894	12,423
42	29	97 109	4 656,986	59 636,887	12,806	12,336
43	30	96 939	4 324,506	54 979,901	12,714	12,243
44	31	96 752	4 015,016	50 655,395	12,616	12,146
45	32	96 547	3 727,002	46 640,379	12,514	12,044
46	33	96 317	3 458,690	42 913,377	12,407	11,937
47	34	96 072	3 209,214	39 454,687	12,294	11,824
48	35	95 796	2 976,730	36 245,473	12,176	11,706
49	36	95 490	2 760,229	33 268,743	12,053	11,583
50	37	95 145	2 558,374	30 508,515	11,925	11,455
51	38	94 767	2 370,420	27 950,140	11,791	11,321
52	39	94 346	2 195,242	25 579,720	11,652	11,182
53	40	93 872	2 031,837	23 384,479	11,509	11,039
54	41	93 341	1 879,380	21 352,642	11,362	10,891
55	42	92 750	1 737,189	19 473,261	11,210	10,739
56	43	92 103	1 604,722	17 736,072	11,052	10,582
57	44	91 392	1 481,234	16 131,350	10,890	10,420
58	45	90 610	1 366,107	14 650,116	10,724	10,254
59	46	89 745	1 258,670	13 284,009	10,554	10,084
60	47	88 802	1 158,552	12 025,338	10,380	9,909
61	48	87 784	1 065,372	10 866,786	10,200	9,730
62	49	86 681	978,586	9 801,414	10,016	9,546
63	50	85 475	897,645	8 822,828	9,829	9,359
64	51	84 191	822,482	7 925,183	9,636	9,165
65	52	82 806	752,511	7 102,701	9,439	8,968
66	53	81 334	687,561	6 350,190	9,236	8,766
67	54	79 785	627,417	5 662,630	9,025	8,555
68	55	78 117	571,440	5 035,212	8,811	8,341
69	56	76 402	519,902	4 463,772	8,586	8,116
70	57	74 555	471,936	3 943,870	8,357	7,887
71	58	72 593	427,461	3 471,935	8,122	7,652
72	59	70 510	386,228	3 044,474	7,883	7,412
73	60	68 335	348,197	2 658,245	7,634	7,164
74	61	66 043	313,042	2 310,048	7,379	6,909
75	62	63 643	280,620	1 997,005	7,116	6,646
76	63	61 104	250,625	1 716,386	6,848	6,378
77	64	58 417	222,887	1 465,760	6,576	6,106
78	65	55 598	197,334	1 242,874	6,298	5,828
79	66	52 603	173,675	1 045,539	6,020	5,550
80	67	49 417	151,775	871,864	5,744	5,274
81	68	46 071	131,626	720,089	5,471	5,000
82	69	42 566	113,129	588,463	5,202	4,731
83	70	38 944	96,280	475,334	4,937	4,467
84	71	35 207	80,969	379,054	4,681	4,211
85	72	31 424	67,228	298,085	4,434	3,964
86	73	27 642	55,009	230,858	4,197	3,726
87	74	23 948	44,333	175,848	3,967	3,496
88	75	20 408	35,144	131,515	3,742	3,272
89	76	17 065	27,337	96,372	3,525	3,055
90	77	13 981	20,834	69,034	3,314	2,843
91	78	11 190	15,512	48,200	3,107	2,637
92	79	8 674	11,186	32,688	2,922	2,452
93	80	6 508	7,806	21,503	2,755	2,284
94	81	4 732	5,280	13,696	2,594	2,124
95	82	3 286	3,411	8,416	2,467	1,997
96	83	2 228	2,152	5,005	2,326	1,856
97	84	1 443	1,296	2,853	2,202	1,731
98	85	891	0,744	1,557	2,092	1,622
99	86	525	0,408	0,813	1,993	1,522
100	87	294	0,213	0,405	1,904	1,433

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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13						
14	0	99 500	36 149,771	506 179,100	14,002	13,532
15	1	99 183	33 520,614	470 029,329	14,022	13,552
16	2	99 146	31 170,076	436 508,714	14,004	13,534
17	3	99 108	28 984,500	405 338,638	13,985	13,514
18	4	99 067	26 951,209	376 354,138	13,964	13,494
19	5	99 020	25 059,002	349 402,929	13,943	13,473
20	6	98 972	23 299,218	324 343,927	13,921	13,451
21	7	98 920	21 662,496	301 044,709	13,897	13,427
22	8	98 871	20 141,155	279 382,212	13,871	13,401
23	9	98 821	18 726,348	259 241,058	13,844	13,373
24	10	98 769	17 410,733	240 514,709	13,814	13,344
25	11	98 715	16 187,242	223 103,977	13,783	13,312
26	12	98 660	15 049,534	206 916,734	13,749	13,279
27	13	98 606	13 991,826	191 867,201	13,713	13,243
28	14	98 545	13 007,669	177 875,375	13,675	13,204
29	15	98 484	12 092,655	164 867,706	13,634	13,163
30	16	98 416	11 241,134	152 775,051	13,591	13,120
31	17	98 345	10 449,370	141 533,917	13,545	13,074
32	18	98 263	9 712,231	131 084,548	13,497	13,027
33	19	98 174	9 026,466	121 372,317	13,446	12,976
34	20	98 085	8 389,130	112 345,851	13,392	12,922
35	21	97 988	7 796,114	103 956,721	13,334	12,864
36	22	97 885	7 244,562	96 160,607	13,273	12,803
37	23	97 781	6 731,982	88 916,045	13,208	12,738
38	24	97 669	6 255,084	82 184,063	13,139	12,668
39	25	97 550	5 811,590	75 928,979	13,065	12,595
40	26	97 425	5 399,224	70 117,388	12,987	12,516
41	27	97 284	5 015,246	64 718,165	12,904	12,434
42	28	97 133	4 658,148	59 702,919	12,817	12,347
43	29	96 965	4 325,625	55 044,771	12,725	12,255
44	30	96 781	4 016,208	50 719,146	12,629	12,158
45	31	96 578	3 728,192	46 702,938	12,527	12,057
46	32	96 350	3 459,891	42 974,746	12,421	11,951
47	33	96 106	3 210,357	39 514,855	12,309	11,838
48	34	95 833	2 977,895	36 304,498	12,191	11,721
49	35	95 529	2 761,340	33 326,603	12,069	11,599
50	36	95 190	2 559,574	30 565,263	11,942	11,471
51	37	94 811	2 371,511	28 005,689	11,809	11,339
52	38	94 401	2 196,528	25 634,178	11,670	11,200
53	39	93 928	2 033,048	23 437,650	11,528	11,058
54	40	93 404	1 880,657	21 404,602	11,381	10,911
55	41	92 821	1 738,516	19 523,945	11,230	10,760
56	42	92 179	1 606,055	17 785,429	11,074	10,604
57	43	91 474	1 482,568	16 179,375	10,913	10,443
58	44	90 702	1 367,502	14 696,807	10,747	10,277
59	45	89 845	1 260,071	13 329,304	10,578	10,108
60	46	88 915	1 160,025	12 069,233	10,404	9,934
61	47	87 910	1 066,902	10 909,208	10,225	9,755
62	48	86 820	980,154	9 842,306	10,042	9,571
63	49	85 630	899,274	8 862,152	9,855	9,385
64	50	84 358	824,106	7 962,878	9,662	9,192
65	51	82 990	754,177	7 138,772	9,466	8,995
66	52	81 534	689,253	6 384,596	9,263	8,793
67	53	80 004	629,137	5 695,343	9,053	8,582
68	54	78 353	573,165	5 066,206	8,839	8,369
69	55	76 656	521,630	4 493,041	8,613	8,143
70	56	74 826	473,650	3 971,410	8,385	7,914
71	57	72 884	429,174	3 497,761	8,150	7,680
72	58	70 823	387,939	3 068,586	7,910	7,440
73	59	68 667	349,887	2 680,647	7,661	7,191
74	60	66 401	314,739	2 330,759	7,405	6,935
75	61	64 001	282,199	2 016,020	7,144	6,674
76	62	61 477	252,158	1 733,822	6,876	6,406
77	63	58 804	224,364	1 481,664	6,604	6,134
78	64	56 007	198,783	1 257,300	6,325	5,855
79	65	53 027	175,078	1 058,517	6,046	5,576
80	66	49 853	153,113	883,439	5,770	5,300
81	67	46 522	132,915	730,326	5,495	5,024
82	68	43 006	114,296	597,412	5,227	4,757
83	69	39 384	97,368	483,115	4,962	4,491
84	70	35 641	81,967	385,748	4,706	4,236
85	71	31 851	68,140	303,780	4,458	3,988
86	72	28 046	55,814	235,640	4,222	3,752
87	73	24 324	45,030	179,826	3,993	3,523
88	74	20 763	35,755	134,796	3,770	3,300
89	75	17 397	27,869	99,041	3,554	3,084
90	76	14 293	21,299	71,173	3,342	2,871
91	77	11 471	15,901	49,873	3,137	2,666
92	78	8 925	11,509	33,973	2,952	2,482
93	79	6 729	8,072	22,464	2,783	2,313
94	80	4 921	5,491	14,392	2,621	2,151
95	81	3 438	3,568	8,901	2,494	2,024
96	82	2 347	2,266	5,332	2,353	1,883
97	83	1 532	1,376	3,066	2,229	1,758
98	84	955	0,798	1,690	2,118	1,648
99	85	569	0,442	0,892	2,018	1,548
100	86	323	0,233	0,450	1,928	1,458

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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14						
15	0	99 488	33 623,632	470 236,712	13,985	13,515
16	1	99 168	31 177,280	436 613,080	14,004	13,534
17	2	99 120	28 987,952	405 435,800	13,986	13,516
18	3	99 079	26 954,420	376 447,848	13,966	13,496
19	4	99 029	25 061,281	349 493,428	13,946	13,475
20	5	98 979	23 300,966	324 432,147	13,924	13,453
21	6	98 927	21 663,922	301 131,181	13,900	13,430
22	7	98 876	20 142,148	279 467,259	13,875	13,404
23	8	98 827	18 727,508	259 325,111	13,847	13,377
24	9	98 775	17 411,859	240 597,604	13,818	13,348
25	10	98 721	16 188,201	223 185,744	13,787	13,317
26	11	98 668	15 050,655	206 997,543	13,753	13,283
27	12	98 614	13 992,933	191 946,888	13,717	13,247
28	13	98 554	13 008,784	177 953,955	13,680	13,209
29	14	98 495	12 093,924	164 945,171	13,639	13,168
30	15	98 428	11 242,540	152 851,247	13,596	13,126
31	16	98 359	10 450,844	141 608,707	13,550	13,080
32	17	98 277	9 713,653	131 157,863	13,502	13,032
33	18	98 194	9 028,304	121 444,210	13,451	12,981
34	19	98 104	8 390,750	112 415,905	13,398	12,927
35	20	98 006	7 797,558	104 025,155	13,341	12,870
36	21	97 901	7 245,761	96 227,597	13,281	12,810
37	22	97 798	6 733,148	88 981,836	13,215	12,745
38	23	97 690	6 256,442	82 248,689	13,146	12,676
39	24	97 566	5 812,576	75 992,247	13,074	12,603
40	25	97 443	5 400,230	70 179,671	12,996	12,525
41	26	97 302	5 016,222	64 779,441	12,914	12,444
42	27	97 155	4 659,165	59 763,219	12,827	12,357
43	28	96 989	4 326,704	55 104,053	12,736	12,266
44	29	96 806	4 017,248	50 777,349	12,640	12,170
45	30	96 607	3 729,299	46 760,102	12,539	12,068
46	31	96 381	3 460,996	43 030,802	12,433	11,963
47	32	96 140	3 211,472	39 569,806	12,321	11,851
48	33	95 867	2 978,955	36 358,335	12,205	11,735
49	34	95 566	2 762,420	33 379,380	12,083	11,613
50	35	95 228	2 560,605	30 616,959	11,957	11,487
51	36	94 855	2 372,624	28 056,354	11,825	11,355
52	37	94 445	2 197,539	25 683,731	11,687	11,217
53	38	93 983	2 034,240	23 486,191	11,545	11,075
54	39	93 460	1 881,778	21 451,952	11,400	10,930
55	40	92 884	1 739,696	19 570,174	11,249	10,779
56	41	92 250	1 607,281	17 830,478	11,094	10,623
57	42	91 550	1 483,800	16 223,197	10,934	10,463
58	43	90 784	1 368,734	14 739,397	10,769	10,298
59	44	89 937	1 261,358	13 370,663	10,600	10,130
60	45	89 014	1 161,317	12 109,305	10,427	9,957
61	46	88 022	1 068,258	10 947,989	10,248	9,778
62	47	86 945	981,561	9 879,731	10,065	9,595
63	48	85 767	900,714	8 898,170	9,879	9,409
64	49	84 511	825,602	7 997,455	9,687	9,217
65	50	83 153	755,666	7 171,853	9,491	9,020
66	51	81 714	690,779	6 416,188	9,288	8,818
67	52	80 201	630,685	5 725,409	9,078	8,608
68	53	78 568	574,736	5 094,724	8,864	8,394
69	54	76 888	523,205	4 519,988	8,639	8,169
70	55	75 074	475,225	3 996,783	8,410	7,940
71	56	73 149	430,733	3 521,558	8,176	7,705
72	57	71 107	389,494	3 090,825	7,935	7,465
73	58	68 971	351,437	2 701,331	7,687	7,216
74	59	66 724	316,267	2 349,894	7,430	6,960
75	60	64 348	283,728	2 033,627	7,168	6,697
76	61	61 823	253,576	1 749,899	6,901	6,431
77	62	59 163	225,736	1 496,322	6,629	6,158
78	63	56 378	200,100	1 270,586	6,350	5,879
79	64	53 417	176,363	1 070,486	6,070	5,599
80	65	50 255	154,349	894,123	5,793	5,323
81	66	46 932	134,086	739,773	5,517	5,047
82	67	43 427	115,415	605,687	5,248	4,778
83	68	39 790	98,372	490,272	4,984	4,514
84	69	36 044	82,894	391,900	4,728	4,257
85	70	32 244	68,981	309,006	4,480	4,009
86	71	28 427	56,571	240,025	4,243	3,773
87	72	24 680	45,688	183,454	4,015	3,545
88	73	21 089	36,318	137,766	3,793	3,323
89	74	17 700	28,354	101,448	3,578	3,108
90	75	14 571	21,713	73,095	3,366	2,896
91	76	11 727	16,256	51,382	3,161	2,691
92	77	9 149	11,798	35,126	2,977	2,507
93	78	6 924	8,305	23,329	2,809	2,339
94	79	5 088	5,678	15,023	2,646	2,176
95	80	3 575	3,711	9,345	2,518	2,048
96	81	2 455	2,370	5,634	2,377	1,907
97	82	1 613	1,449	3,264	2,253	1,782
98	83	1 014	0,847	1,815	2,142	1,672
99	84	610	0,474	0,968	2,042	1,572
100	85	350	0,253	0,494	1,952	1,481

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15						
16	0	99 473	31 273,097	436 803,993	13,967	13,497
17	1	99 143	28 994,651	405 530,896	13,986	13,516
18	2	99 091	26 957,630	376 536,245	13,968	13,497
19	3	99 041	25 064,267	349 578,615	13,947	13,477
20	4	98 988	23 303,085	324 514,348	13,926	13,456
21	5	98 934	21 665,547	301 211,263	13,903	13,432
22	6	98 883	20 143,474	279 545,716	13,878	13,407
23	7	98 832	18 728,431	259 402,242	13,851	13,380
24	8	98 781	17 412,938	240 673,811	13,822	13,351
25	9	98 728	16 189,249	223 260,874	13,791	13,320
26	10	98 674	15 051,547	207 071,625	13,757	13,287
27	11	98 621	13 993,975	192 020,078	13,722	13,251
28	12	98 562	13 009,813	178 026,103	13,684	13,214
29	13	98 503	12 094,961	165 016,290	13,643	13,173
30	14	98 438	11 243,720	152 921,329	13,601	13,130
31	15	98 371	10 452,152	141 677,609	13,555	13,085
32	16	98 291	9 715,024	131 225,457	13,507	13,037
33	17	98 209	9 029,626	121 510,433	13,457	12,987
34	18	98 124	8 392,459	112 480,807	13,403	12,932
35	19	98 025	7 799,063	104 088,348	13,346	12,876
36	20	97 919	7 247,103	96 289,284	13,287	12,816
37	21	97 814	6 734,262	89 042,181	13,222	12,752
38	22	97 707	6 257,524	82 307,919	13,153	12,683
39	23	97 587	5 813,838	76 050,395	13,081	12,611
40	24	97 460	5 401,146	70 236,557	13,004	12,534
41	25	97 321	5 017,157	64 835,411	12,923	12,452
42	26	97 174	4 660,072	59 818,253	12,836	12,366
43	27	97 010	4 327,649	55 158,181	12,746	12,275
44	28	96 830	4 018,250	50 830,532	12,650	12,180
45	29	96 632	3 730,265	46 812,282	12,549	12,079
46	30	96 409	3 462,024	43 082,017	12,444	11,974
47	31	96 170	3 212,497	39 619,994	12,333	11,863
48	32	95 901	2 979,990	36 407,497	12,217	11,747
49	33	95 600	2 763,404	33 427,507	12,096	11,626
50	34	95 266	2 561,607	30 664,103	11,971	11,500
51	35	94 893	2 373,579	28 102,496	11,840	11,369
52	36	94 489	2 198,570	25 728,917	11,703	11,232
53	37	94 027	2 035,176	23 530,347	11,562	11,092
54	38	93 515	1 882,880	21 495,171	11,416	10,946
55	39	92 939	1 740,733	19 612,290	11,267	10,796
56	40	92 313	1 608,372	17 871,557	11,112	10,641
57	41	91 620	1 484,932	16 263,185	10,952	10,482
58	42	90 860	1 369,871	14 778,252	10,788	10,318
59	43	90 018	1 262,494	13 408,381	10,621	10,150
60	44	89 105	1 162,502	12 145,887	10,448	9,978
61	45	88 120	1 069,447	10 983,385	10,270	9,800
62	46	87 055	982,809	9 913,938	10,087	9,617
63	47	85 890	902,007	8 931,129	9,901	9,431
64	48	84 646	826,925	8 029,121	9,710	9,239
65	49	83 304	757,037	7 202,197	9,514	9,043
66	50	81 876	692,143	6 445,160	9,312	8,842
67	51	80 379	632,081	5 753,017	9,102	8,631
68	52	78 761	576,151	5 120,936	8,888	8,418
69	53	77 098	524,639	4 544,785	8,663	8,192
70	54	75 301	476,659	4 020,146	8,434	7,964
71	55	73 392	432,165	3 543,487	8,199	7,729
72	56	71 365	390,909	3 111,322	7,959	7,489
73	57	69 247	352,846	2 720,413	7,710	7,240
74	58	67 019	317,668	2 367,567	7,453	6,983
75	59	64 661	285,105	2 049,899	7,190	6,720
76	60	62 158	254,951	1 764,794	6,922	6,452
77	61	59 496	227,006	1 509,843	6,651	6,181
78	62	56 722	201,324	1 282,837	6,372	5,902
79	63	53 771	177,532	1 081,513	6,092	5,622
80	64	50 624	155,482	903,981	5,814	5,344
81	65	47 311	135,169	748,499	5,538	5,067
82	66	43 809	116,432	613,330	5,268	4,797
83	67	40 180	99,335	496,897	5,002	4,532
84	68	36 416	83,749	397,562	4,747	4,277
85	69	32 608	69,760	313,813	4,498	4,028
86	70	28 777	57,269	244,053	4,262	3,791
87	71	25 015	46,308	186,784	4,033	3,563
88	72	21 398	36,849	140,476	3,812	3,342
89	73	17 978	28,800	103,627	3,598	3,128
90	74	14 824	22,091	74,827	3,387	2,917
91	75	11 955	16,571	52,736	3,182	2,712
92	76	9 353	12,061	36,165	2,999	2,528
93	77	7 097	8,514	24,104	2,831	2,361
94	78	5 236	5,842	15,591	2,669	2,198
95	79	3 697	3,837	9,748	2,540	2,070
96	80	2 553	2,465	5,911	2,398	1,928
97	81	1 687	1,516	3,446	2,274	1,803
98	82	1 068	0,892	1,931	2,164	1,694
99	83	647	0,503	1,038	2,064	1,593
100	84	375	0,271	0,535	1,973	1,503

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	29 083,760	405 706,642	13,950	13,479
18	1	99 114	26 963,860	376 622,883	13,968	13,497
19	2	99 053	25 067,252	349 659,022	13,949	13,479
20	3	99 000	23 305,861	324 591,771	13,927	13,457
21	4	98 943	21 667,517	301 285,909	13,905	13,435
22	5	98 890	20 144,984	279 618,392	13,880	13,410
23	6	98 838	18 729,664	259 473,407	13,854	13,383
24	7	98 786	17 413,796	240 743,743	13,825	13,355
25	8	98 734	16 190,251	223 329,947	13,794	13,324
26	9	98 680	15 052,521	207 139,696	13,761	13,291
27	10	98 627	13 994,805	192 087,175	13,726	13,255
28	11	98 569	13 010,782	178 092,371	13,688	13,218
29	12	98 511	12 095,918	165 081,589	13,648	13,177
30	13	98 447	11 244,684	152 985,671	13,605	13,135
31	14	98 382	10 453,249	141 740,987	13,560	13,089
32	15	98 304	9 716,239	131 287,738	13,512	13,042
33	16	98 222	9 030,901	121 571,499	13,462	12,991
34	17	98 139	8 393,688	112 540,598	13,408	12,937
35	18	98 045	7 800,652	104 146,910	13,351	12,881
36	19	97 938	7 248,502	96 346,258	13,292	12,822
37	20	97 833	6 735,510	89 097,756	13,228	12,758
38	21	97 723	6 258,561	82 362,246	13,160	12,690
39	22	97 604	5 814,844	76 103,686	13,088	12,618
40	23	97 481	5 402,319	70 288,842	13,011	12,541
41	24	97 337	5 018,008	64 886,523	12,931	12,460
42	25	97 192	4 660,941	59 868,515	12,845	12,374
43	26	97 029	4 328,492	55 207,574	12,754	12,284
44	27	96 851	4 019,128	50 879,082	12,659	12,189
45	28	96 656	3 731,195	46 859,955	12,559	12,089
46	29	96 434	3 462,920	43 128,759	12,454	11,984
47	30	96 199	3 213,451	39 665,839	12,344	11,873
48	31	95 931	2 980,941	36 452,388	12,228	11,758
49	32	95 633	2 764,364	33 471,447	12,108	11,638
50	33	95 299	2 562,519	30 707,084	11,983	11,513
51	34	94 930	2 374,508	28 144,565	11,853	11,383
52	35	94 527	2 199,455	25 770,057	11,717	11,246
53	36	94 071	2 036,131	23 570,601	11,576	11,106
54	37	93 558	1 883,747	21 534,470	11,432	10,961
55	38	92 993	1 741,753	19 650,723	11,282	10,812
56	39	92 368	1 609,331	17 908,970	11,128	10,658
57	40	91 682	1 485,941	16 299,639	10,969	10,499
58	41	90 929	1 370,917	14 813,698	10,806	10,335
59	42	90 093	1 263,543	13 442,781	10,639	10,169
60	43	89 185	1 163,549	12 179,239	10,467	9,997
61	44	88 210	1 070,539	11 015,689	10,290	9,820
62	45	87 152	983,903	9 945,150	10,108	9,638
63	46	85 999	903,154	8 961,247	9,922	9,452
64	47	84 768	828,112	8 058,093	9,731	9,260
65	48	83 438	758,250	7 229,981	9,535	9,065
66	49	82 024	693,399	6 471,731	9,333	8,863
67	50	80 537	633,329	5 778,332	9,124	8,653
68	51	78 935	577,426	5 145,003	8,910	8,440
69	52	77 288	525,930	4 567,577	8,685	8,214
70	53	75 507	477,965	4 041,647	8,456	7,986
71	54	73 614	433,470	3 563,681	8,221	7,751
72	55	71 602	392,208	3 130,212	7,981	7,511
73	56	69 499	354,128	2 738,003	7,732	7,261
74	57	67 288	318,941	2 383,876	7,474	7,004
75	58	64 947	286,368	2 064,934	7,211	6,740
76	59	62 460	256,188	1 778,566	6,942	6,472
77	60	59 819	228,236	1 522,378	6,670	6,200
78	61	57 042	202,457	1 294,142	6,392	5,922
79	62	54 099	178,618	1 091,685	6,112	5,642
80	63	50 960	156,513	913,067	5,834	5,364
81	64	47 658	136,161	756,554	5,556	5,086
82	65	44 163	117,373	620,393	5,286	4,815
83	66	40 534	100,211	503,020	5,020	4,549
84	67	36 772	84,569	402,810	4,763	4,293
85	68	32 945	70,480	318,241	4,515	4,045
86	69	29 102	57,916	247,761	4,278	3,808
87	70	25 323	46,880	189,845	4,050	3,579
88	71	21 688	37,349	142,965	3,828	3,358
89	72	18 241	29,221	105,617	3,614	3,144
90	73	15 058	22,438	76,396	3,405	2,934
91	74	12 163	16,860	53,958	3,200	2,730
92	75	9 535	12,295	37,098	3,017	2,547
93	76	7 256	8,704	24,802	2,850	2,379
94	77	5 367	5,989	16,099	2,688	2,218
95	78	3 804	3,948	10,110	2,561	2,090
96	79	2 640	2,549	6,162	2,418	1,947
97	80	1 755	1,576	3,613	2,292	1,822
98	81	1 117	0,933	2,037	2,183	1,712
99	82	682	0,530	1,104	2,083	1,613
100	83	398	0,288	0,574	1,993	1,522

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	27 046,728	376 784,669	13,931	13,461
19	1	99 076	25 073,045	349 737,941	13,949	13,478
20	2	99 012	23 308,637	324 664,896	13,929	13,459
21	3	98 955	21 670,099	301 356,259	13,907	13,436
22	4	98 899	20 146,816	279 686,160	13,882	13,412
23	5	98 846	18 731,069	259 539,343	13,856	13,386
24	6	98 793	17 414,942	240 808,275	13,828	13,357
25	7	98 739	16 191,049	223 393,332	13,797	13,327
26	8	98 686	15 053,453	207 202,283	13,764	13,294
27	9	98 633	13 995,710	192 148,830	13,729	13,259
28	10	98 575	13 011,553	178 153,120	13,692	13,222
29	11	98 518	12 096,819	165 141,567	13,652	13,181
30	12	98 454	11 245,574	153 044,748	13,609	13,139
31	13	98 390	10 454,145	141 799,174	13,564	13,094
32	14	98 314	9 717,259	131 345,029	13,517	13,046
33	15	98 235	9 032,031	121 627,770	13,466	12,996
34	16	98 153	8 394,873	112 595,740	13,412	12,942
35	17	98 060	7 801,794	104 200,867	13,356	12,886
36	18	97 958	7 249,979	96 399,073	13,296	12,826
37	19	97 851	6 736,810	89 149,094	13,233	12,763
38	20	97 741	6 259,720	82 412,284	13,165	12,695
39	21	97 620	5 815,807	76 152,565	13,094	12,624
40	22	97 498	5 403,254	70 336,758	13,017	12,547
41	23	97 358	5 019,097	64 933,505	12,937	12,467
42	24	97 208	4 661,732	59 914,407	12,852	12,382
43	25	97 047	4 329,299	55 252,676	12,762	12,292
44	26	96 870	4 019,910	50 923,377	12,668	12,198
45	27	96 677	3 732,010	46 903,467	12,568	12,098
46	28	96 458	3 463,784	43 171,456	12,464	11,993
47	29	96 224	3 214,283	39 707,673	12,354	11,883
48	30	95 960	2 981,826	36 493,390	12,239	11,768
49	31	95 664	2 765,246	33 511,563	12,119	11,649
50	32	95 333	2 563,409	30 746,317	11,994	11,524
51	33	94 964	2 375,353	28 182,908	11,865	11,394
52	34	94 564	2 200,316	25 807,555	11,729	11,259
53	35	94 109	2 036,951	23 607,239	11,589	11,119
54	36	93 602	1 884,631	21 570,288	11,445	10,975
55	37	93 036	1 742,555	19 685,657	11,297	10,827
56	38	92 422	1 610,274	17 943,102	11,143	10,673
57	39	91 737	1 486,827	16 332,828	10,985	10,515
58	40	90 991	1 371,848	14 846,001	10,822	10,352
59	41	90 161	1 264,507	13 474,154	10,656	10,185
60	42	89 259	1 164,516	12 209,646	10,485	10,014
61	43	88 290	1 071,503	11 045,130	10,308	9,838
62	44	87 241	984,908	9 973,627	10,126	9,656
63	45	86 095	904,160	8 988,719	9,942	9,471
64	46	84 876	829,164	8 084,560	9,750	9,280
65	47	83 558	759,338	7 255,395	9,555	9,085
66	48	82 156	694,510	6 496,057	9,353	8,883
67	49	80 683	634,479	5 801,547	9,144	8,674
68	50	79 091	578,566	5 167,068	8,931	8,461
69	51	77 459	527,094	4 588,502	8,705	8,235
70	52	75 693	479,142	4 061,408	8,476	8,006
71	53	73 816	434,658	3 582,266	8,242	7,771
72	54	71 818	393,392	3 147,608	8,001	7,531
73	55	69 730	355,305	2 754,216	7,752	7,281
74	56	67 532	320,100	2 398,911	7,494	7,024
75	57	65 207	287,516	2 078,811	7,230	6,760
76	58	62 737	257,323	1 791,295	6,961	6,491
77	59	60 109	229,344	1 533,972	6,689	6,218
78	60	57 351	203,554	1 304,628	6,409	5,939
79	61	54 404	179,623	1 101,074	6,130	5,660
80	62	51 271	157,470	921,451	5,852	5,381
81	63	47 974	137,064	763,981	5,574	5,104
82	64	44 488	118,234	626,918	5,302	4,832
83	65	40 861	101,020	508,683	5,035	4,565
84	66	37 096	85,314	407,663	4,778	4,308
85	67	33 267	71,170	322,349	4,529	4,059
86	68	29 403	58,514	251,179	4,293	3,822
87	69	25 609	47,409	192,665	4,064	3,594
88	70	21 956	37,809	145,256	3,842	3,372
89	71	18 488	29,617	107,447	3,628	3,158
90	72	15 278	22,766	77,830	3,419	2,948
91	73	12 354	17,125	55,063	3,215	2,745
92	74	9 701	12,509	37,938	3,033	2,563
93	75	7 397	8,873	25,429	2,866	2,396
94	76	5 487	6,122	16,556	2,704	2,234
95	77	3 899	4,047	10,434	2,578	2,108
96	78	2 716	2,623	6,387	2,435	1,965
97	79	1 815	1,630	3,764	2,310	1,839
98	80	1 162	0,971	2,134	2,199	1,729
99	81	713	0,554	1,164	2,100	1,629
100	82	419	0,303	0,610	2,010	1,540

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	25 150,102	349 886,873	13,912	13,442
20	1	99 035	23 314,024	324 736,771	13,929	13,459
21	2	98 967	21 672,680	301 422,747	13,908	13,438
22	3	98 911	20 149,217	279 750,067	13,884	13,414
23	4	98 855	18 732,772	259 600,850	13,858	13,388
24	5	98 800	17 416,248	240 868,078	13,830	13,360
25	6	98 745	16 192,115	223 451,830	13,800	13,330
26	7	98 691	15 054,195	207 259,715	13,768	13,297
27	8	98 639	13 996,577	192 205,520	13,732	13,262
28	9	98 581	13 012,395	178 208,943	13,695	13,225
29	10	98 524	12 097,536	165 196,548	13,655	13,185
30	11	98 462	11 246,411	153 099,012	13,613	13,143
31	12	98 398	10 454,972	141 852,601	13,568	13,098
32	13	98 322	9 718,092	131 397,629	13,521	13,051
33	14	98 245	9 032,978	121 679,537	13,471	13,000
34	15	98 165	8 395,923	112 646,558	13,417	12,947
35	16	98 074	7 802,895	104 250,636	13,361	12,890
36	17	97 973	7 251,040	96 447,740	13,301	12,831
37	18	97 871	6 738,182	89 196,700	13,238	12,767
38	19	97 760	6 260,928	82 458,518	13,170	12,700
39	20	97 638	5 816,884	76 197,590	13,099	12,629
40	21	97 514	5 404,148	70 380,706	13,023	12,553
41	22	97 375	5 019,966	64 976,558	12,944	12,473
42	23	97 229	4 662,744	59 956,592	12,859	12,388
43	24	97 063	4 330,033	55 293,848	12,770	12,300
44	25	96 888	4 020,660	50 963,815	12,675	12,205
45	26	96 696	3 732,737	46 943,155	12,576	12,106
46	27	96 479	3 464,541	43 210,419	12,472	12,002
47	28	96 248	3 215,085	39 745,878	12,362	11,892
48	29	95 984	2 982,598	36 530,793	12,248	11,778
49	30	95 692	2 766,068	33 548,195	12,128	11,658
50	31	95 363	2 564,227	30 782,128	12,004	11,534
51	32	94 997	2 376,178	28 217,900	11,875	11,405
52	33	94 598	2 201,100	25 841,722	11,740	11,270
53	34	94 145	2 037,748	23 640,623	11,601	11,131
54	35	93 639	1 885,390	21 602,875	11,458	10,988
55	36	93 080	1 743,373	19 717,485	11,310	10,840
56	37	92 464	1 611,015	17 974,112	11,157	10,687
57	38	91 790	1 487,698	16 363,097	10,999	10,529
58	39	91 045	1 372,665	14 875,399	10,837	10,367
59	40	90 223	1 265,366	13 502,734	10,671	10,201
60	41	89 327	1 165,405	12 237,368	10,501	10,030
61	42	88 363	1 072,393	11 071,963	10,325	9,854
62	43	87 320	985,795	9 999,569	10,144	9,673
63	44	86 183	905,083	9 013,775	9,959	9,489
64	45	84 970	830,087	8 108,692	9,768	9,298
65	46	83 664	760,304	7 278,604	9,573	9,103
66	47	82 274	695,507	6 518,300	9,372	8,902
67	48	80 813	635,495	5 822,794	9,163	8,692
68	49	79 235	579,616	5 187,298	8,950	8,479
69	50	77 612	528,135	4 607,682	8,724	8,254
70	51	75 861	480,203	4 079,547	8,495	8,025
71	52	73 997	435,727	3 599,344	8,261	7,790
72	53	72 015	394,471	3 163,617	8,020	7,550
73	54	69 940	356,377	2 769,146	7,770	7,300
74	55	67 757	321,164	2 412,769	7,513	7,042
75	56	65 444	288,560	2 091,605	7,248	6,778
76	57	62 988	258,355	1 803,045	6,979	6,509
77	58	60 375	230,360	1 544,690	6,706	6,235
78	59	57 629	204,542	1 314,330	6,426	5,955
79	60	54 699	180,596	1 109,788	6,145	5,675
80	61	51 560	158,356	929,192	5,868	5,397
81	62	48 268	137,902	770,836	5,590	5,119
82	63	44 782	119,018	632,934	5,318	4,848
83	64	41 161	101,762	513,916	5,050	4,580
84	65	37 396	86,003	412,155	4,792	4,322
85	66	33 560	71,797	326,151	4,543	4,072
86	67	29 690	59,087	254,354	4,305	3,834
87	68	25 874	47,898	195,268	4,077	3,606
88	69	22 204	38,237	147,369	3,854	3,384
89	70	18 716	29,983	109,133	3,640	3,170
90	71	15 485	23,075	79,150	3,430	2,960
91	72	12 534	17,375	56,075	3,227	2,757
92	73	9 853	12,706	38,700	3,046	2,576
93	74	7 526	9,027	25,994	2,879	2,409
94	75	5 593	6,241	16,966	2,718	2,248
95	76	3 986	4,137	10,725	2,592	2,122
96	77	2 784	2,688	6,588	2,451	1,980
97	78	1 867	1,677	3,899	2,325	1,855
98	79	1 201	1,004	2,222	2,214	1,744
99	80	742	0,576	1,219	2,114	1,644
100	81	439	0,317	0,642	2,025	1,555

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	23 385,674	324 873,870	13,892	13,422
21	1	98 990	21 677,689	301 488,196	13,908	13,437
22	2	98 923	20 151,617	279 810,507	13,885	13,415
23	3	98 866	18 735,004	259 658,891	13,860	13,389
24	4	98 809	17 417,832	240 923,887	13,832	13,362
25	5	98 752	16 193,330	223 506,054	13,802	13,332
26	6	98 698	15 055,186	207 312,725	13,770	13,300
27	7	98 644	13 997,267	192 257,539	13,735	13,265
28	8	98 587	13 013,201	178 260,272	13,698	13,228
29	9	98 530	12 098,319	165 247,072	13,659	13,188
30	10	98 468	11 247,078	153 148,753	13,617	13,146
31	11	98 405	10 455,751	141 901,675	13,572	13,101
32	12	98 330	9 718,861	131 445,924	13,525	13,055
33	13	98 253	9 033,753	121 727,063	13,475	13,004
34	14	98 175	8 396,804	112 693,311	13,421	12,951
35	15	98 086	7 803,872	104 296,507	13,365	12,894
36	16	97 987	7 252,064	96 492,635	13,306	12,835
37	17	97 886	6 739,169	89 240,571	13,242	12,772
38	18	97 780	6 262,203	82 501,402	13,175	12,704
39	19	97 657	5 818,007	76 239,199	13,104	12,634
40	20	97 532	5 405,149	70 421,192	13,029	12,558
41	21	97 391	5 020,797	65 016,043	12,949	12,479
42	22	97 246	4 663,551	59 995,246	12,865	12,394
43	23	97 084	4 330,973	55 331,696	12,776	12,306
44	24	96 904	4 021,341	51 000,723	12,683	12,212
45	25	96 714	3 733,433	46 979,381	12,583	12,113
46	26	96 498	3 465,215	43 245,948	12,480	12,010
47	27	96 269	3 215,787	39 780,734	12,370	11,900
48	28	96 008	2 983,342	36 564,946	12,256	11,786
49	29	95 717	2 766,784	33 581,604	12,137	11,667
50	30	95 391	2 564,989	30 814,821	12,014	11,543
51	31	95 027	2 376,937	28 249,832	11,885	11,415
52	32	94 630	2 201,864	25 872,895	11,750	11,280
53	33	94 179	2 038,474	23 671,031	11,612	11,142
54	34	93 676	1 886,127	21 632,557	11,469	10,999
55	35	93 117	1 744,075	19 746,430	11,322	10,852
56	36	92 508	1 611,771	18 002,355	11,169	10,699
57	37	91 833	1 488,383	16 390,584	11,012	10,542
58	38	91 098	1 373,470	14 902,201	10,850	10,380
59	39	90 276	1 266,120	13 528,732	10,685	10,215
60	40	89 388	1 166,196	12 262,611	10,515	10,045
61	41	88 430	1 073,212	11 096,415	10,339	9,869
62	42	87 392	986,614	10 023,203	10,159	9,689
63	43	86 261	905,898	9 036,589	9,975	9,505
64	44	85 057	830,935	8 130,691	9,785	9,315
65	45	83 757	761,150	7 299,756	9,590	9,120
66	46	82 378	696,391	6 538,606	9,389	8,919
67	47	80 929	636,408	5 842,215	9,180	8,710
68	48	79 362	580,545	5 205,807	8,967	8,497
69	49	77 753	529,094	4 625,263	8,742	8,272
70	50	76 011	481,151	4 096,169	8,513	8,043
71	51	74 161	436,692	3 615,018	8,278	7,808
72	52	72 192	395,442	3 178,326	8,037	7,567
73	53	70 132	357,354	2 782,885	7,787	7,317
74	54	67 961	322,133	2 425,531	7,530	7,059
75	55	65 662	289,520	2 103,397	7,265	6,795
76	56	63 217	259,293	1 813,878	6,995	6,525
77	57	60 617	231,283	1 554,585	6,722	6,251
78	58	57 884	205,448	1 323,301	6,441	5,971
79	59	54 964	181,473	1 117,853	6,160	5,690
80	60	51 839	159,214	936,381	5,881	5,411
81	61	48 539	138,678	777,166	5,604	5,134
82	62	45 056	119,746	638,489	5,332	4,862
83	63	41 434	102,436	518,743	5,064	4,594
84	64	37 671	86,635	416,307	4,805	4,335
85	65	33 831	72,377	329,672	4,555	4,085
86	66	29 952	59,607	257,295	4,317	3,846
87	67	26 127	48,367	197,688	4,087	3,617
88	68	22 433	38,631	149,321	3,865	3,395
89	69	18 928	30,321	110,690	3,651	3,180
90	70	15 676	23,360	80,368	3,440	2,970
91	71	12 705	17,611	57,008	3,237	2,767
92	72	9 997	12,892	39,397	3,056	2,586
93	73	7 644	9,169	26,505	2,891	2,420
94	74	5 691	6,350	17,336	2,730	2,260
95	75	4 063	4,218	10,986	2,605	2,134
96	76	2 846	2,748	6,768	2,463	1,992
97	77	1 914	1,719	4,020	2,339	1,868
98	78	1 236	1,033	2,301	2,228	1,758
99	79	767	0,596	1,268	2,128	1,658
100	80	456	0,330	0,672	2,038	1,568

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	21 744,310	301 614,404	13,871	13,401
22	1	98 946	20 156,274	279 870,093	13,885	13,415
23	2	98 878	18 737,235	259 713,820	13,861	13,391
24	3	98 821	17 419,908	240 976,584	13,833	13,363
25	4	98 761	16 194,802	223 556,677	13,804	13,334
26	5	98 705	15 056,315	207 361,874	13,772	13,302
27	6	98 651	13 998,188	192 305,560	13,738	13,268
28	7	98 592	13 013,842	178 307,371	13,701	13,231
29	8	98 537	12 099,068	165 293,529	13,662	13,191
30	9	98 474	11 247,806	153 194,462	13,620	13,150
31	10	98 411	10 456,370	141 946,656	13,575	13,105
32	11	98 337	9 719,585	131 490,285	13,528	13,058
33	12	98 261	9 034,468	121 770,700	13,478	13,008
34	13	98 184	8 397,524	112 736,233	13,425	12,955
35	14	98 096	7 804,691	104 338,709	13,369	12,898
36	15	97 999	7 252,971	96 534,018	13,310	12,839
37	16	97 900	6 740,120	89 281,048	13,246	12,776
38	17	97 794	6 263,120	82 540,928	13,179	12,709
39	18	97 677	5 819,192	76 277,807	13,108	12,638
40	19	97 551	5 406,193	70 458,615	13,033	12,563
41	20	97 409	5 021,727	65 052,423	12,954	12,484
42	21	97 262	4 664,323	60 030,696	12,870	12,400
43	22	97 101	4 331,723	55 366,373	12,782	12,311
44	23	96 925	4 022,214	51 034,650	12,688	12,218
45	24	96 730	3 734,066	47 012,436	12,590	12,120
46	25	96 516	3 465,861	43 278,370	12,487	12,017
47	26	96 287	3 216,413	39 812,509	12,378	11,908
48	27	96 029	2 983,994	36 596,096	12,264	11,794
49	28	95 741	2 767,474	33 612,102	12,145	11,675
50	29	95 416	2 565,653	30 844,628	12,022	11,552
51	30	95 056	2 377,643	28 278,976	11,894	11,423
52	31	94 661	2 202,567	25 901,333	11,760	11,289
53	32	94 212	2 039,181	23 698,766	11,622	11,151
54	33	93 709	1 886,799	21 659,585	11,480	11,009
55	34	93 154	1 744,757	19 772,785	11,333	10,862
56	35	92 545	1 612,420	18 028,028	11,181	10,710
57	36	91 876	1 489,081	16 415,608	11,024	10,554
58	37	91 140	1 374,102	14 926,527	10,863	10,392
59	38	90 329	1 266,862	13 552,425	10,698	10,227
60	39	89 441	1 166,891	12 285,563	10,528	10,058
61	40	88 491	1 073,941	11 118,671	10,353	9,883
62	41	87 459	987,367	10 044,730	10,173	9,703
63	42	86 332	906,650	9 057,364	9,990	9,520
64	43	85 133	831,684	8 150,713	9,800	9,330
65	44	83 842	761,927	7 319,030	9,606	9,136
66	45	82 470	697,166	6 557,102	9,405	8,935
67	46	81 032	637,217	5 859,936	9,196	8,726
68	47	79 476	581,378	5 222,719	8,983	8,513
69	48	77 877	529,941	4 641,341	8,758	8,288
70	49	76 148	482,024	4 111,400	8,529	8,059
71	50	74 308	437,554	3 629,376	8,295	7,824
72	51	72 352	396,317	3 191,822	8,054	7,583
73	52	70 305	358,234	2 795,505	7,804	7,333
74	53	68 148	323,016	2 437,271	7,545	7,075
75	54	65 860	290,394	2 114,255	7,281	6,810
76	55	63 427	260,155	1 823,861	7,011	6,540
77	56	60 837	232,123	1 563,706	6,737	6,266
78	57	58 116	206,271	1 331,583	6,455	5,985
79	58	55 208	182,277	1 125,311	6,174	5,703
80	59	52 091	159,987	943,035	5,894	5,424
81	60	48 802	139,429	783,048	5,616	5,146
82	61	45 310	120,420	643,618	5,345	4,875
83	62	41 687	103,063	523,199	5,077	4,606
84	63	37 920	87,209	420,136	4,818	4,347
85	64	34 080	72,908	332,928	4,566	4,096
86	65	30 194	60,089	260,020	4,327	3,857
87	66	26 357	48,794	199,931	4,097	3,627
88	67	22 652	39,009	151,137	3,874	3,404
89	68	19 123	30,634	112,128	3,660	3,190
90	69	15 853	23,624	81,494	3,450	2,979
91	70	12 861	17,828	57,870	3,246	2,776
92	71	10 133	13,067	40,041	3,064	2,594
93	72	7 756	9,303	26,975	2,899	2,429
94	73	5 780	6,450	17,671	2,740	2,270
95	74	4 134	4,291	11,222	2,615	2,145
96	75	2 902	2,802	6,930	2,474	2,003
97	76	1 957	1,757	4,129	2,349	1,879
98	77	1 267	1,059	2,371	2,240	1,770
99	78	789	0,613	1,313	2,141	1,670
100	79	472	0,341	0,700	2,051	1,580

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	20 218,220	279 986,277	13,848	13,378
23	1	98 901	18 741,566	259 768,058	13,861	13,390
24	2	98 833	17 421,982	241 026,492	13,835	13,364
25	3	98 773	16 196,732	223 604,510	13,806	13,335
26	4	98 714	15 057,684	207 407,778	13,774	13,304
27	5	98 658	13 999,238	192 350,094	13,740	13,270
28	6	98 599	13 014,699	178 350,856	13,704	13,234
29	7	98 541	12 099,664	165 336,157	13,665	13,194
30	8	98 480	11 248,502	153 236,493	13,623	13,153
31	9	98 417	10 457,047	141 987,991	13,578	13,108
32	10	98 343	9 720,161	131 530,943	13,532	13,061
33	11	98 268	9 035,141	121 810,783	13,482	13,012
34	12	98 191	8 398,188	112 775,642	13,429	12,958
35	13	98 105	7 805,360	104 377,454	13,373	12,902
36	14	98 009	7 253,732	96 572,094	13,313	12,843
37	15	97 912	6 740,963	89 318,362	13,250	12,780
38	16	97 808	6 264,004	82 577,399	13,183	12,713
39	17	97 691	5 820,044	76 313,394	13,112	12,642
40	18	97 571	5 407,294	70 493,350	13,037	12,566
41	19	97 428	5 022,696	65 086,057	12,958	12,488
42	20	97 280	4 665,187	60 063,360	12,875	12,405
43	21	97 117	4 332,440	55 398,174	12,787	12,317
44	22	96 942	4 022,910	51 065,734	12,694	12,223
45	23	96 751	3 734,876	47 042,823	12,596	12,125
46	24	96 533	3 466,449	43 307,947	12,493	12,023
47	25	96 305	3 217,013	39 841,498	12,385	11,914
48	26	96 048	2 984,575	36 624,485	12,271	11,801
49	27	95 762	2 768,078	33 639,911	12,153	11,683
50	28	95 440	2 566,293	30 871,832	12,030	11,559
51	29	95 080	2 378,258	28 305,539	11,902	11,432
52	30	94 689	2 203,221	25 927,281	11,768	11,298
53	31	94 242	2 039,832	23 724,060	11,630	11,160
54	32	93 742	1 887,454	21 684,228	11,489	11,018
55	33	93 187	1 745,379	19 796,773	11,342	10,872
56	34	92 581	1 613,051	18 051,395	11,191	10,721
57	35	91 913	1 489,681	16 438,344	11,035	10,565
58	36	91 183	1 374,747	14 948,663	10,874	10,403
59	37	90 371	1 267,446	13 573,917	10,710	10,239
60	38	89 494	1 167,575	12 306,471	10,540	10,070
61	39	88 543	1 074,581	11 138,896	10,366	9,896
62	40	87 518	988,037	10 064,315	10,186	9,716
63	41	86 398	907,343	9 076,277	10,003	9,533
64	42	85 204	832,374	8 168,935	9,814	9,344
65	43	83 918	762,614	7 336,560	9,620	9,150
66	44	82 554	697,878	6 573,947	9,420	8,950
67	45	81 122	637,926	5 876,069	9,211	8,741
68	46	79 577	582,117	5 238,143	8,998	8,528
69	47	77 989	530,702	4 656,025	8,773	8,303
70	48	76 270	482,796	4 125,323	8,545	8,074
71	49	74 442	438,348	3 642,527	8,310	7,839
72	50	72 495	397,099	3 204,179	8,069	7,599
73	51	70 460	359,027	2 807,079	7,819	7,348
74	52	68 315	323,811	2 448,053	7,560	7,090
75	53	66 041	291,189	2 124,241	7,295	6,825
76	54	63 619	260,940	1 833,052	7,025	6,555
77	55	61 040	232,895	1 572,112	6,750	6,280
78	56	58 328	207,021	1 339,217	6,469	5,999
79	57	55 429	183,007	1 132,196	6,187	5,716
80	58	52 322	160,696	949,189	5,907	5,436
81	59	49 039	140,106	788,493	5,628	5,158
82	60	45 555	121,072	648,387	5,355	4,885
83	61	41 922	103,642	527,315	5,088	4,618
84	62	38 152	87,742	423,672	4,829	4,358
85	63	34 306	73,391	335,930	4,577	4,107
86	64	30 416	60,530	262,539	4,337	3,867
87	65	26 570	49,188	202,009	4,107	3,637
88	66	22 852	39,353	152,821	3,883	3,413
89	67	19 310	30,934	113,468	3,668	3,198
90	68	16 017	23,868	82,534	3,458	2,988
91	69	13 007	18,030	58,667	3,254	2,784
92	70	10 258	13,228	40,637	3,072	2,602
93	71	7 861	9,429	27,409	2,907	2,436
94	72	5 865	6,544	17,979	2,747	2,277
95	73	4 199	4,359	11,435	2,624	2,153
96	74	2 952	2,850	7,077	2,483	2,012
97	75	1 995	1,792	4,226	2,359	1,889
98	76	1 295	1,082	2,435	2,250	1,779
99	77	809	0,629	1,352	2,151	1,681
100	78	485	0,351	0,724	2,062	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	18 799,164	259 875,016	13,824	13,353
24	1	98 856	17 426,009	241 075,852	13,834	13,364
25	2	98 785	16 198,661	223 649,844	13,807	13,336
26	3	98 726	15 059,478	207 451,183	13,775	13,305
27	4	98 667	14 000,511	192 391,705	13,742	13,271
28	5	98 606	13 015,675	178 391,194	13,706	13,236
29	6	98 548	12 100,461	165 375,519	13,667	13,197
30	7	98 485	11 249,057	153 275,058	13,626	13,155
31	8	98 423	10 457,695	142 026,001	13,581	13,111
32	9	98 350	9 720,790	131 568,307	13,535	13,064
33	10	98 274	9 035,676	121 847,517	13,485	13,015
34	11	98 199	8 398,814	112 811,841	13,432	12,962
35	12	98 112	7 805,977	104 413,027	13,376	12,906
36	13	98 017	7 254,354	96 607,050	13,317	12,847
37	14	97 922	6 741,671	89 352,696	13,254	12,784
38	15	97 820	6 264,788	82 611,025	13,187	12,716
39	16	97 705	5 820,865	76 346,237	13,116	12,646
40	17	97 585	5 408,086	70 525,372	13,041	12,570
41	18	97 448	5 023,719	65 117,286	12,962	12,492
42	19	97 299	4 666,087	60 093,567	12,879	12,409
43	20	97 135	4 333,242	55 427,479	12,791	12,321
44	21	96 958	4 023,577	51 094,237	12,699	12,228
45	22	96 768	3 735,523	47 070,661	12,601	12,131
46	23	96 554	3 467,201	43 335,138	12,499	12,028
47	24	96 322	3 217,558	39 867,937	12,391	11,920
48	25	96 066	2 985,131	36 650,378	12,278	11,807
49	26	95 781	2 768,617	33 665,247	12,160	11,689
50	27	95 461	2 566,854	30 896,630	12,037	11,566
51	28	95 104	2 378,851	28 329,776	11,909	11,439
52	29	94 713	2 203,791	25 950,925	11,776	11,305
53	30	94 270	2 040,438	23 747,133	11,638	11,168
54	31	93 772	1 888,057	21 706,695	11,497	11,027
55	32	93 219	1 745,984	19 818,638	11,351	10,881
56	33	92 614	1 613,625	18 072,654	11,200	10,730
57	34	91 949	1 490,263	16 459,028	11,044	10,574
58	35	91 220	1 375,300	14 968,765	10,884	10,414
59	36	90 413	1 268,040	13 593,465	10,720	10,250
60	37	89 535	1 168,113	12 325,424	10,552	10,081
61	38	88 595	1 075,211	11 157,312	10,377	9,907
62	39	87 570	988,626	10 082,101	10,198	9,728
63	40	86 457	907,959	9 093,475	10,015	9,545
64	41	85 269	833,010	8 185,516	9,826	9,356
65	42	83 988	763,247	7 352,506	9,633	9,163
66	43	82 628	698,507	6 589,259	9,433	8,963
67	44	81 205	638,577	5 890,752	9,225	8,755
68	45	79 665	582,765	5 252,175	9,013	8,542
69	46	78 088	531,377	4 669,409	8,787	8,317
70	47	76 380	483,489	4 138,033	8,559	8,088
71	48	74 562	439,051	3 654,543	8,324	7,853
72	49	72 627	397,820	3 215,493	8,083	7,613
73	50	70 599	359,736	2 817,673	7,833	7,362
74	51	68 467	324,528	2 457,937	7,574	7,104
75	52	66 203	291,906	2 133,409	7,309	6,838
76	53	63 793	261,655	1 841,503	7,038	6,568
77	54	61 224	233,598	1 579,847	6,763	6,293
78	55	58 521	207,709	1 346,249	6,481	6,011
79	56	55 630	183,672	1 138,541	6,199	5,728
80	57	52 531	161,340	954,868	5,918	5,448
81	58	49 256	140,727	793,529	5,639	5,169
82	59	45 776	121,660	652,802	5,366	4,896
83	60	42 149	104,204	531,142	5,097	4,627
84	61	38 367	88,236	426,938	4,839	4,368
85	62	34 515	73,840	338,702	4,587	4,117
86	63	30 617	60,931	264,862	4,347	3,877
87	64	26 765	49,549	203,931	4,116	3,645
88	65	23 037	39,671	154,383	3,892	3,421
89	66	19 481	31,207	114,712	3,676	3,206
90	67	16 174	24,101	83,505	3,465	2,994
91	68	13 141	18,216	59,404	3,261	2,791
92	69	10 374	13,377	41,188	3,079	2,609
93	70	7 958	9,546	27,810	2,913	2,443
94	71	5 944	6,633	18,264	2,754	2,283
95	72	4 261	4,423	11,632	2,630	2,160
96	73	2 999	2,895	7,209	2,490	2,020
97	74	2 029	1,823	4,314	2,367	1,896
98	75	1 320	1,103	2,491	2,258	1,788
99	76	827	0,643	1,388	2,160	1,689
100	77	498	0,360	0,745	2,071	1,601

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	17 479,564	241 174,320	13,798	13,327
25	1	98 808	16 202,405	223 694,756	13,806	13,336
26	2	98 737	15 061,272	207 492,352	13,777	13,306
27	3	98 679	14 002,179	192 431,080	13,743	13,273
28	4	98 615	13 016,859	178 428,901	13,708	13,237
29	5	98 555	12 101,368	165 412,042	13,669	13,199
30	6	98 491	11 249,797	153 310,674	13,628	13,158
31	7	98 428	10 458,210	142 060,877	13,584	13,113
32	8	98 356	9 721,392	131 602,667	13,537	13,067
33	9	98 281	9 036,261	121 881,275	13,488	13,018
34	10	98 205	8 399,312	112 845,015	13,435	12,965
35	11	98 120	7 806,559	104 445,703	13,379	12,909
36	12	98 025	7 254,928	96 639,144	13,320	12,850
37	13	97 930	6 742,249	89 384,216	13,257	12,787
38	14	97 830	6 265,445	82 641,968	13,190	12,720
39	15	97 717	5 821,594	76 376,522	13,120	12,649
40	16	97 599	5 408,849	70 554,929	13,044	12,574
41	17	97 462	5 024,455	65 146,080	12,966	12,496
42	18	97 319	4 667,038	60 121,625	12,882	12,412
43	19	97 154	4 334,079	55 454,587	12,795	12,325
44	20	96 976	4 024,322	51 120,508	12,703	12,233
45	21	96 784	3 736,141	47 096,186	12,606	12,135
46	22	96 570	3 467,801	43 360,045	12,504	12,033
47	23	96 343	3 218,257	39 892,244	12,396	11,925
48	24	96 082	2 985,638	36 673,987	12,283	11,813
49	25	95 798	2 769,133	33 688,349	12,166	11,695
50	26	95 479	2 567,353	30 919,216	12,043	11,573
51	27	95 125	2 379,371	28 351,863	11,916	11,445
52	28	94 737	2 204,341	25 972,492	11,782	11,312
53	29	94 294	2 040,966	23 768,151	11,646	11,175
54	30	93 800	1 888,618	21 727,184	11,504	11,034
55	31	93 249	1 746,542	19 838,566	11,359	10,888
56	32	92 646	1 614,186	18 092,025	11,208	10,738
57	33	91 981	1 490,794	16 477,839	11,053	10,583
58	34	91 255	1 375,838	14 987,045	10,893	10,423
59	35	90 450	1 268,551	13 611,206	10,730	10,259
60	36	89 577	1 168,661	12 342,655	10,561	10,091
61	37	88 636	1 075,706	11 173,995	10,388	9,917
62	38	87 622	989,206	10 098,289	10,208	9,738
63	39	86 508	908,500	9 109,083	10,027	9,556
64	40	85 327	833,575	8 200,583	9,838	9,368
65	41	84 052	763,830	7 367,008	9,645	9,175
66	42	82 697	699,087	6 603,178	9,445	8,975
67	43	81 278	639,153	5 904,091	9,237	8,767
68	44	79 747	583,360	5 264,939	9,025	8,555
69	45	78 175	531,968	4 681,578	8,800	8,330
70	46	76 477	484,104	4 149,610	8,572	8,101
71	47	74 669	439,681	3 665,506	8,337	7,866
72	48	72 743	398,457	3 225,825	8,096	7,626
73	49	70 728	360,388	2 827,368	7,845	7,375
74	50	68 602	325,169	2 466,979	7,587	7,116
75	51	66 350	292,552	2 141,810	7,321	6,851
76	52	63 950	262,300	1 849,258	7,050	6,580
77	53	61 392	234,238	1 586,959	6,775	6,305
78	54	58 698	208,336	1 352,720	6,493	6,023
79	55	55 815	184,283	1 144,384	6,210	5,740
80	56	52 722	161,926	960,102	5,929	5,459
81	57	49 454	141,291	798,176	5,649	5,179
82	58	45 979	122,199	656,885	5,376	4,905
83	59	42 354	104,710	534,686	5,106	4,636
84	60	38 575	88,714	429,976	4,847	4,376
85	61	34 710	74,256	341,263	4,596	4,126
86	62	30 804	61,303	267,007	4,355	3,885
87	63	26 943	49,877	205,703	4,124	3,654
88	64	23 206	39,962	155,826	3,899	3,429
89	65	19 638	31,459	115,864	3,683	3,213
90	66	16 316	24,314	84,405	3,472	3,001
91	67	13 269	18,394	60,092	3,267	2,797
92	68	10 481	13,515	41,697	3,085	2,615
93	69	8 048	9,654	28,182	2,919	2,449
94	70	6 018	6,715	18,528	2,759	2,289
95	71	4 318	4,483	11,814	2,636	2,165
96	72	3 042	2,938	7,331	2,496	2,025
97	73	2 061	1,851	4,394	2,373	1,903
98	74	1 343	1,122	2,542	2,265	1,795
99	75	843	0,655	1,420	2,167	1,697
100	76	509	0,368	0,765	2,079	1,608

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,50 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	16 252,199	223 785,409	13,770	13,299
26	1	98 760	15 064,753	207 533,210	13,776	13,306
27	2	98 691	14 003,847	192 468,458	13,744	13,274
28	3	98 627	13 018,410	178 464,611	13,709	13,238
29	4	98 564	12 102,469	165 446,201	13,670	13,200
30	5	98 499	11 250,641	153 343,733	13,630	13,159
31	6	98 435	10 458,899	142 093,092	13,586	13,116
32	7	98 360	9 721,871	131 634,193	13,540	13,070
33	8	98 287	9 036,820	121 912,322	13,491	13,020
34	9	98 211	8 399,855	112 875,502	13,438	12,968
35	10	98 125	7 807,021	104 475,647	13,382	12,912
36	11	98 033	7 255,468	96 668,626	13,324	12,853
37	12	97 938	6 742,782	89 413,157	13,261	12,790
38	13	97 839	6 265,983	82 670,375	13,194	12,723
39	14	97 728	5 822,205	76 404,393	13,123	12,653
40	15	97 611	5 409,526	70 582,188	13,048	12,577
41	16	97 476	5 025,164	65 172,662	12,969	12,499
42	17	97 333	4 667,721	60 147,498	12,886	12,416
43	18	97 174	4 334,962	55 479,777	12,798	12,328
44	19	96 995	4 025,099	51 144,816	12,706	12,236
45	20	96 802	3 736,833	47 119,717	12,610	12,139
46	21	96 586	3 468,375	43 382,884	12,508	12,038
47	22	96 359	3 218,814	39 914,508	12,400	11,930
48	23	96 103	2 986,286	36 695,694	12,288	11,818
49	24	95 815	2 769,603	33 709,409	12,171	11,701
50	25	95 497	2 567,832	30 939,806	12,049	11,579
51	26	95 143	2 379,834	28 371,974	11,922	11,452
52	27	94 758	2 204,823	25 992,140	11,789	11,318
53	28	94 318	2 041,476	23 787,317	11,652	11,182
54	29	93 824	1 889,107	21 745,841	11,511	11,041
55	30	93 277	1 747,061	19 856,735	11,366	10,896
56	31	92 676	1 614,701	18 109,674	11,215	10,745
57	32	92 013	1 491,312	16 494,973	11,061	10,590
58	33	91 288	1 376,328	15 003,661	10,901	10,431
59	34	90 485	1 269,047	13 627,333	10,738	10,268
60	35	89 613	1 169,131	12 358,286	10,570	10,100
61	36	88 678	1 076,210	11 189,154	10,397	9,927
62	37	87 662	989,661	10 112,944	10,219	9,748
63	38	86 559	909,032	9 123,283	10,036	9,566
64	39	85 378	834,072	8 214,250	9,848	9,378
65	40	84 109	764,348	7 380,178	9,656	9,185
66	41	82 760	699,620	6 615,830	9,456	8,986
67	42	81 345	639,683	5 916,209	9,249	8,778
68	43	79 819	583,886	5 276,526	9,037	8,567
69	44	78 255	532,511	4 692,640	8,812	8,342
70	45	76 562	484,643	4 160,128	8,584	8,114
71	46	74 764	440,240	3 675,485	8,349	7,879
72	47	72 847	399,029	3 235,245	8,108	7,638
73	48	70 841	360,966	2 836,216	7,857	7,387
74	49	68 726	325,759	2 475,250	7,598	7,128
75	50	66 481	293,130	2 149,491	7,333	6,863
76	51	64 092	262,880	1 856,361	7,062	6,591
77	52	61 543	234,815	1 593,481	6,786	6,316
78	53	58 859	208,907	1 358,666	6,504	6,033
79	54	55 984	184,839	1 149,759	6,220	5,750
80	55	52 897	162,464	964,920	5,939	5,469
81	56	49 633	141,804	802,456	5,659	5,189
82	57	46 163	122,689	660,652	5,385	4,915
83	58	42 541	105,174	537,964	5,115	4,645
84	59	38 762	89,144	432,790	4,855	4,385
85	60	34 898	74,658	343,646	4,603	4,133
86	61	30 978	61,648	268,988	4,363	3,893
87	62	27 107	50,182	207,339	4,132	3,661
88	63	23 359	40,227	157,157	3,907	3,436
89	64	19 782	31,690	116,930	3,690	3,220
90	65	16 448	24,510	85,240	3,478	3,007
91	66	13 386	18,556	60,730	3,273	2,802
92	67	10 584	13,648	42,174	3,090	2,620
93	68	8 131	9,753	28,526	2,925	2,454
94	69	6 085	6,790	18,773	2,765	2,294
95	70	4 372	4,538	11,982	2,641	2,170
96	71	3 084	2,978	7,445	2,500	2,030
97	72	2 091	1,878	4,467	2,378	1,908
98	73	1 364	1,140	2,589	2,271	1,800
99	74	858	0,667	1,449	2,173	1,703
100	75	519	0,375	0,782	2,085	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 368 742,049	13,687	13,217
1	1	99 340	92 194,934	1 268 742,049	13,762	13,291
2	2	99 290	85 520,671	1 176 547,115	13,757	13,287
3	3	99 263	79 347,704	1 091 026,444	13,750	13,279
4	4	99 238	73 622,307	1 011 678,740	13,741	13,271
5	5	99 218	68 312,830	938 056,433	13,732	13,261
6	6	99 201	63 388,650	869 743,603	13,721	13,250
7	7	99 184	58 819,400	806 354,953	13,709	13,238
8	8	99 171	54 581,483	747 535,553	13,696	13,225
9	9	99 157	50 648,407	692 954,070	13,682	13,211
10	10	99 142	46 998,660	642 305,663	13,666	13,196
11	11	99 129	43 612,307	595 307,003	13,650	13,179
12	12	99 112	40 468,830	551 694,695	13,633	13,162
13	13	99 097	37 552,165	511 225,865	13,614	13,143
14	14	99 079	34 844,877	473 673,700	13,594	13,123
15	15	99 056	32 331,334	438 828,823	13,573	13,102
16	16	99 029	29 997,616	406 497,488	13,551	13,080
17	17	98 990	27 828,917	376 499,873	13,529	13,058
18	18	98 946	25 815,947	348 670,956	13,506	13,035
19	19	98 888	23 945,054	322 855,009	13,483	13,012
20	20	98 828	22 209,221	298 909,955	13,459	12,988
21	21	98 765	20 598,700	276 700,734	13,433	12,962
22	22	98 704	19 105,411	256 102,033	13,405	12,934
23	23	98 643	17 720,176	236 996,622	13,374	12,904
24	24	98 576	16 434,520	219 276,447	13,342	12,872
25	25	98 512	15 242,496	202 841,927	13,308	12,837
26	26	98 446	14 136,726	187 599,431	13,270	12,800
27	27	98 380	13 111,163	173 462,705	13,230	12,759
28	28	98 307	12 159,055	160 351,542	13,188	12,717
29	29	98 232	11 275,880	148 192,487	13,142	12,672
30	30	98 150	10 456,156	136 916,607	13,094	12,624
31	31	98 064	9 695,618	126 460,451	13,043	12,572
32	32	97 966	8 989,189	116 764,833	12,989	12,519
33	33	97 863	8 333,898	107 775,644	12,932	12,462
34	34	97 759	7 726,232	99 441,746	12,871	12,400
35	35	97 642	7 161,940	91 715,514	12,806	12,335
36	36	97 516	6 638,239	84 553,574	12,737	12,267
37	37	97 384	6 152,426	77 915,335	12,664	12,194
38	38	97 248	5 701,933	71 762,908	12,586	12,115
39	39	97 089	5 283,167	66 060,975	12,504	12,033
40	40	96 925	4 894,903	60 777,808	12,417	11,946
41	41	96 737	4 534,045	55 882,905	12,325	11,855
42	42	96 536	4 199,151	51 348,860	12,228	11,758
43	43	96 312	3 888,088	47 149,709	12,127	11,656
44	44	96 067	3 599,283	43 261,621	12,020	11,549
45	45	95 797	3 331,003	39 662,338	11,907	11,436
46	46	95 495	3 081,668	36 331,335	11,790	11,319
47	47	95 165	2 850,144	33 249,668	11,666	11,195
48	48	94 793	2 634,788	30 399,523	11,538	11,067
49	49	94 378	2 434,569	27 764,736	11,404	10,934
50	50	93 910	2 248,270	25 330,167	11,267	10,796
51	51	93 395	2 075,124	23 081,897	11,123	10,652
52	52	92 829	1 914,196	21 006,772	10,974	10,504
53	53	92 192	1 764,312	19 092,576	10,822	10,351
54	54	91 481	1 624,795	17 328,264	10,665	10,194
55	55	90 697	1 495,012	15 703,469	10,504	10,033
56	56	89 841	1 374,382	14 208,457	10,338	9,867
57	57	88 905	1 262,232	12 834,075	10,168	9,697
58	58	87 882	1 157,970	11 571,843	9,993	9,523
59	59	86 756	1 060,912	10 413,873	9,816	9,345
60	60	85 538	970,785	9 352,961	9,634	9,164
61	61	84 223	887,106	8 382,176	9,449	8,978
62	62	82 831	809,698	7 495,070	9,257	8,786
63	63	81 330	737,836	6 685,372	9,061	8,590
64	64	79 738	671,368	5 947,537	8,859	8,388
65	65	78 027	609,708	5 276,169	8,654	8,183
66	66	76 212	552,695	4 666,461	8,443	7,972
67	67	74 312	500,150	4 113,766	8,225	7,754
68	68	72 270	451,423	3 613,616	8,005	7,534
69	69	70 194	406,919	3 162,193	7,771	7,300
70	70	67 978	365,726	2 755,274	7,534	7,063
71	71	65 645	327,774	2 389,547	7,290	6,820
72	72	63 186	292,805	2 061,773	7,041	6,571
73	73	60 647	260,826	1 768,969	6,782	6,312
74	74	58 019	231,574	1 508,143	6,513	6,042
75	75	55 263	204,710	1 276,569	6,236	5,765
76	76	52 364	180,021	1 071,859	5,954	5,483
77	77	49 293	157,274	891,839	5,671	5,200
78	78	46 104	136,519	734,564	5,381	4,910
79	79	42 737	117,445	598,045	5,092	4,621
80	80	39 169	99,899	480,600	4,811	4,340
81	81	35 458	83,929	380,701	4,536	4,065
82	82	31 640	69,506	296,772	4,270	3,799
83	83	27 801	56,679	227,265	4,010	3,539
84	84	23 966	45,346	170,586	3,762	3,291
85	85	20 224	35,513	125,241	3,527	3,056
86	86	16 656	27,144	89,727	3,306	2,835
87	87	13 353	20,197	62,583	3,099	2,628
88	88	10 406	14,607	42,386	2,902	2,431
89	89	7 852	10,229	27,779	2,716	2,245
90	90	5 716	6,911	17,550	2,540	2,069
91	91	3 996	4,483	10,639	2,373	1,902
92	92	2 654	2,763	6,156	2,228	1,757
93	93	1 672	1,616	3,392	2,099	1,628
94	94	1 000	0,897	1,776	1,980	1,509
95	95	556	0,463	0,879	1,900	1,429
96	96	298	0,230	0,416	1,808	1,337
97	97	150	0,107	0,186	1,733	1,263
98	98	72	0,048	0,079	1,651	1,181
99	99	32	0,020	0,031	1,581	1,110
100	100	13	0,008	0,011	1,520	1,049

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 368 062,265	13,723	13,252	50	51	93 725	2 243,840	25 161,848	11,214	10,743
1	2	99 317	92 173,632	1 268 368,651	13,761	13,290	51	52	93 189	2 070,541	22 918,009	11,069	10,598
2	3	99 278	85 510,488	1 176 195,019	13,755	13,284	52	53	92 601	1 909,496	20 847,468	10,918	10,447
3	4	99 251	79 338,250	1 090 684,531	13,747	13,277	53	54	91 940	1 759,490	18 937,971	10,763	10,293
4	5	99 229	73 615,612	1 011 346,281	13,738	13,268	54	55	91 206	1 619,905	17 178,482	10,605	10,134
5	6	99 210	68 307,707	937 730,669	13,728	13,257	55	56	90 397	1 490,058	15 558,577	10,442	9,971
6	7	99 194	63 384,477	869 422,962	13,717	13,246	56	57	89 516	1 369,409	14 068,518	10,273	9,803
7	8	99 179	58 816,501	806 038,485	13,704	13,234	57	58	88 550	1 257,193	12 699,110	10,101	9,630
8	9	99 165	54 578,104	747 221,984	13,691	13,220	58	59	87 494	1 152,863	11 441,917	9,925	9,454
9	10	99 150	50 645,129	692 643,880	13,676	13,206	59	60	86 337	1 055,788	10 289,054	9,745	9,275
10	11	99 136	46 995,876	641 998,751	13,661	13,190	60	61	85 077	965,552	9 233,266	9,563	9,092
11	12	99 121	43 609,059	595 002,875	13,644	13,173	61	62	83 752	882,142	8 267,715	9,372	8,902
12	13	99 105	40 465,629	551 393,816	13,626	13,156	62	63	82 328	804,777	7 385,572	9,177	8,706
13	14	99 088	37 548,946	510 928,187	13,607	13,136	63	64	80 794	732,978	6 580,795	8,978	8,508
14	15	99 068	34 841,221	473 379,241	13,587	13,116	64	65	79 157	666,476	5 847,817	8,774	8,304
15	16	99 044	32 327,290	438 538,020	13,566	13,095	65	66	77 402	604,823	5 181,342	8,567	8,096
16	17	99 015	29 993,383	406 210,731	13,543	13,073	66	67	75 547	547,867	4 576,519	8,353	7,883
17	18	98 975	27 824,842	376 217,348	13,521	13,050	67	68	73 591	495,301	4 028,652	8,134	7,663
18	19	98 926	25 810,690	348 392,506	13,498	13,027	68	69	71 532	446,812	3 533,351	7,908	7,437
19	20	98 869	23 940,432	322 581,816	13,474	13,004	69	70	69 410	402,373	3 086,539	7,671	7,200
20	21	98 809	22 205,108	298 641,384	13,449	12,979	70	71	67 149	361,270	2 684,166	7,430	6,959
21	22	98 749	20 595,290	276 436,275	13,422	12,952	71	72	64 766	323,385	2 322,896	7,183	6,712
22	23	98 687	19 102,104	255 840,985	13,393	12,923	72	73	62 276	288,586	1 999,511	6,929	6,458
23	24	98 621	17 716,331	236 738,880	13,363	12,892	73	74	59 708	256,787	1 710,925	6,663	6,192
24	25	98 559	16 431,733	219 022,550	13,329	12,859	74	75	57 026	227,612	1 454,138	6,389	5,918
25	26	98 493	15 239,654	202 590,817	13,294	12,823	75	76	54 209	200,806	1 226,526	6,108	5,637
26	27	98 427	14 133,975	187 351,163	13,255	12,785	76	77	51 221	176,092	1 025,719	5,825	5,354
27	28	98 359	13 108,299	173 217,188	13,214	12,744	77	78	48 088	153,429	849,628	5,538	5,067
28	29	98 282	12 156,023	160 108,889	13,171	12,700	78	79	44 809	132,683	696,199	5,247	4,776
29	30	98 206	11 272,962	147 952,866	13,125	12,654	79	80	41 330	113,578	563,516	4,961	4,491
30	31	98 121	10 453,051	136 679,904	13,076	12,605	80	81	37 665	96,062	449,938	4,684	4,213
31	32	98 033	9 692,523	126 226,853	13,023	12,552	81	82	33 896	80,231	353,876	4,411	3,940
32	33	97 932	8 986,070	116 534,329	12,968	12,498	82	83	30 048	66,007	273,645	4,146	3,675
33	34	97 828	8 330,930	107 548,260	12,910	12,439	83	84	26 186	53,387	207,637	3,889	3,419
34	35	97 720	7 723,210	99 217,329	12,847	12,376	84	85	22 355	42,297	154,250	3,647	3,176
35	36	97 602	7 159,058	91 494,119	12,780	12,310	85	86	18 662	32,771	111,953	3,416	2,946
36	37	97 470	6 635,127	84 335,061	12,710	12,240	86	87	15 175	24,731	79,182	3,202	2,731
37	38	97 339	6 149,595	77 699,935	12,635	12,164	87	88	12 002	18,153	54,451	3,000	2,529
38	39	97 191	5 698,594	71 550,340	12,556	12,085	88	89	9 211	12,930	36,298	2,807	2,337
39	40	97 031	5 280,020	65 851,746	12,472	12,001	89	90	6 824	8,890	23,368	2,628	2,158
40	41	96 859	4 891,581	60 571,726	12,383	11,912	90	91	4 870	5,888	14,478	2,459	1,988
41	42	96 664	4 530,586	55 680,145	12,290	11,819	91	92	3 327	3,733	8,589	2,301	1,830
42	43	96 455	4 195,666	51 149,559	12,191	11,720	92	93	2 156	2,245	4,856	2,163	1,692
43	44	96 225	3 884,589	46 953,893	12,087	11,617	93	94	1 323	1,278	2,611	2,043	1,572
44	45	95 969	3 595,612	43 069,304	11,978	11,508	94	95	765	0,686	1,333	1,942	1,472
45	46	95 691	3 327,299	39 473,692	11,864	11,393	95	96	417	0,347	0,647	1,861	1,391
46	47	95 374	3 077,755	36 146,393	11,744	11,274	96	97	218	0,168	0,299	1,779	1,309
47	48	95 029	2 846,058	33 068,639	11,619	11,148	97	98	108	0,078	0,131	1,690	1,219
48	49	94 641	2 630,573	30 222,580	11,489	11,018	98	99	50	0,033	0,053	1,614	1,144
49	50	94 207	2 430,159	27 592,007	11,354	10,883	99	100	21	0,013	0,020	1,549	1,078

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 367 653,704	13,722	13,251	50	52	93 518	2 238,883	24 979,263	11,157	10,686
1	3	99 305	92 162,656	1 267 983,125	13,758	13,287	51	53	92 960	2 065,457	22 740,380	11,010	10,539
2	4	99 266	85 500,300	1 175 820,469	13,752	13,282	52	54	92 348	1 904,277	20 674,923	10,857	10,386
3	5	99 242	79 331,036	1 090 320,169	13,744	13,273	53	55	91 663	1 754,194	18 770,646	10,700	10,230
4	6	99 222	73 610,092	1 010 989,133	13,734	13,264	54	56	90 904	1 614,537	17 016,451	10,540	10,069
5	7	99 204	68 303,211	937 379,041	13,724	13,253	55	57	90 070	1 484,666	15 401,914	10,374	9,903
6	8	99 189	63 381,352	869 075,830	13,712	13,241	56	58	89 159	1 363,942	13 917,248	10,204	9,733
7	9	99 173	58 812,859	805 694,478	13,699	13,229	57	59	88 159	1 251,648	12 553,306	10,029	9,559
8	10	99 158	54 574,573	746 881,619	13,686	13,215	58	60	87 072	1 147,295	11 301,658	9,851	9,380
9	11	99 144	50 642,128	692 307,046	13,671	13,200	59	61	85 871	1 050,096	10 154,364	9,670	9,199
10	12	99 129	46 992,375	641 664,918	13,655	13,184	60	62	84 601	960,149	9 104,268	9,482	9,011
11	13	99 113	43 605,609	594 672,543	13,638	13,167	61	63	83 243	876,782	8 144,119	9,289	8,818
12	14	99 096	40 462,160	551 066,934	13,619	13,149	62	64	81 786	799,478	7 267,337	9,090	8,619
13	15	99 078	37 545,006	510 604,774	13,600	13,129	63	65	80 205	727,636	6 467,858	8,889	8,418
14	16	99 056	34 836,862	473 059,768	13,579	13,109	64	66	78 523	661,136	5 740,222	8,682	8,212
15	17	99 030	32 322,728	438 222,906	13,558	13,087	65	67	76 726	599,540	5 079,086	8,472	8,001
16	18	99 001	29 988,991	405 900,178	13,535	13,064	66	68	74 814	542,556	4 479,547	8,256	7,786
17	19	98 955	27 819,176	375 911,186	13,513	13,042	67	69	72 840	490,242	3 936,991	8,031	7,560
18	20	98 907	25 805,708	348 092,011	13,489	13,018	68	70	70 733	441,820	3 446,750	7,801	7,331
19	21	98 851	23 935,999	322 286,303	13,465	12,994	69	71	68 564	397,471	3 004,929	7,560	7,089
20	22	98 793	22 201,432	298 350,304	13,438	12,968	70	72	66 250	356,433	2 607,459	7,315	6,845
21	23	98 731	20 591,726	276 148,871	13,411	12,940	71	73	63 833	318,725	2 251,026	7,063	6,592
22	24	98 666	19 097,960	255 557,145	13,381	12,911	72	74	61 312	284,118	1 932,301	6,801	6,330
23	25	98 605	17 713,326	236 459,185	13,349	12,879	73	75	58 687	252,394	1 648,183	6,530	6,060
24	26	98 541	16 428,669	218 745,859	13,315	12,844	74	76	55 939	223,272	1 395,789	6,252	5,781
25	27	98 474	15 236,689	202 317,190	13,278	12,808	75	77	53 026	196,424	1 172,517	5,969	5,499
26	28	98 405	14 130,888	187 080,501	13,239	12,768	76	78	49 969	171,786	976,093	5,682	5,211
27	29	98 334	13 105,030	172 949,613	13,197	12,727	77	79	46 737	149,117	804,308	5,394	4,923
28	30	98 257	12 152,877	159 844,583	13,153	12,682	78	80	43 333	128,314	655,190	5,106	4,635
29	31	98 177	11 269,615	147 691,707	13,105	12,635	79	81	39 742	109,216	526,876	4,824	4,353
30	32	98 090	10 449,714	136 422,091	13,055	12,584	80	82	36 005	91,829	417,660	4,548	4,078
31	33	97 999	9 689,160	125 972,377	13,001	12,531	81	83	32 189	76,192	325,831	4,276	3,806
32	34	97 897	8 982,870	116 283,217	12,945	12,474	82	84	28 302	62,174	249,638	4,015	3,545
33	35	97 790	8 327,672	107 300,347	12,885	12,414	83	85	24 426	49,799	187,465	3,764	3,294
34	36	97 681	7 720,102	98 972,675	12,820	12,349	84	86	20 628	39,031	137,666	3,527	3,056
35	37	97 557	7 155,701	91 252,573	12,752	12,282	85	87	17 003	29,857	98,635	3,304	2,833
36	38	97 425	6 632,073	84 096,872	12,680	12,210	86	88	13 639	22,228	68,778	3,094	2,624
37	39	97 282	6 145,993	77 464,799	12,604	12,133	87	89	10 624	16,069	46,550	2,897	2,426
38	40	97 133	5 695,199	71 318,806	12,523	12,052	88	90	8 005	11,237	30,481	2,713	2,242
39	41	96 965	5 276,437	65 623,607	12,437	11,966	89	91	5 815	7,575	19,244	2,540	2,070
40	42	96 785	4 887,849	60 347,170	12,346	11,876	90	92	4 055	4,903	11,669	2,380	1,909
41	43	96 583	4 526,827	55 459,321	12,251	11,781	91	93	2 703	3,033	6,766	2,231	1,760
42	44	96 369	4 191,891	50 932,494	12,150	11,680	92	94	1 705	1,775	3,733	2,102	1,632
43	45	96 127	3 880,627	46 740,604	12,045	11,574	93	95	1 012	0,978	1,957	2,002	1,531
44	46	95 863	3 591,613	42 859,977	11,933	11,463	94	96	574	0,515	0,980	1,901	1,431
45	47	95 569	3 323,074	39 268,364	11,817	11,346	95	97	305	0,254	0,464	1,830	1,359
46	48	95 237	3 073,343	35 945,290	11,696	11,225	96	98	157	0,122	0,211	1,732	1,261
47	49	94 877	2 841,506	32 871,947	11,568	11,098	97	99	75	0,054	0,089	1,650	1,179
48	50	94 470	2 625,808	30 030,441	11,437	10,966	98	100	33	0,022	0,035	1,580	1,109
49	51	94 021	2 425,370	27 404,633	11,299	10,828							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 367 231,798	13,719	13,248
1	4	99 293	92 151,676	1 267 573,088	13,755	13,285
2	5	99 257	85 492,525	1 175 421,412	13,749	13,278
3	6	99 234	79 325,087	1 089 928,887	13,740	13,269
4	7	99 215	73 605,246	1 010 603,800	13,730	13,259
5	8	99 199	68 299,843	936 998,554	13,719	13,248
6	9	99 183	63 377,428	868 698,710	13,707	13,236
7	10	99 167	58 809,054	805 321,282	13,694	13,223
8	11	99 152	54 571,339	746 512,228	13,680	13,209
9	12	99 137	50 638,356	691 940,889	13,664	13,194
10	13	99 121	46 988,657	641 302,533	13,648	13,177
11	14	99 105	43 601,871	594 313,876	13,630	13,160
12	15	99 086	40 457,914	550 712,005	13,612	13,141
13	16	99 066	37 540,309	510 254,091	13,592	13,122
14	17	99 042	34 831,947	472 713,782	13,571	13,101
15	18	99 016	32 317,996	437 881,835	13,549	13,079
16	19	98 981	29 982,884	405 563,840	13,527	13,056
17	20	98 936	27 813,806	375 580,955	13,503	13,033
18	21	98 889	25 800,930	347 767,149	13,479	13,008
19	22	98 834	23 932,036	321 966,220	13,453	12,983
20	23	98 776	22 197,590	298 034,183	13,426	12,956
21	24	98 710	20 587,258	275 836,593	13,398	12,928
22	25	98 649	19 094,721	255 249,335	13,368	12,897
23	26	98 586	17 710,024	236 154,614	13,335	12,864
24	27	98 522	16 425,472	218 444,590	13,299	12,828
25	28	98 453	15 233,361	202 019,118	13,262	12,791
26	29	98 381	14 127,364	186 785,757	13,222	12,751
27	30	98 309	13 101,639	172 658,393	13,178	12,708
28	31	98 228	12 149,268	159 556,755	13,133	12,662
29	32	98 146	11 266,018	147 407,486	13,084	12,614
30	33	98 056	10 446,088	136 141,468	13,033	12,562
31	34	97 964	9 685,710	125 695,381	12,977	12,507
32	35	97 858	8 979,357	116 009,671	12,920	12,449
33	36	97 750	8 324,320	107 030,314	12,858	12,387
34	37	97 635	7 716,482	98 705,994	12,792	12,321
35	38	97 512	7 152,408	90 989,511	12,722	12,251
36	39	97 368	6 628,189	83 837,103	12,649	12,178
37	40	97 224	6 142,332	77 208,914	12,570	12,099
38	41	97 067	5 691,334	71 066,582	12,487	12,016
39	42	96 891	5 272,412	65 375,249	12,399	11,929
40	43	96 705	4 883,793	60 102,837	12,307	11,836
41	44	96 496	4 522,753	55 219,044	12,209	11,739
42	45	96 270	4 187,615	50 696,291	12,106	11,636
43	46	96 020	3 876,311	46 508,677	11,998	11,528
44	47	95 741	3 587,053	42 632,365	11,885	11,414
45	48	95 432	3 318,310	39 045,312	11,767	11,296
46	49	95 085	3 068,427	35 727,002	11,643	11,173
47	50	94 705	2 836,359	32 658,575	11,514	11,044
48	51	94 283	2 620,634	29 822,216	11,380	10,909
49	52	93 813	2 420,012	27 201,583	11,240	10,770
50	53	93 288	2 233,386	24 781,570	11,096	10,625
51	54	92 706	2 059,812	22 548,184	10,947	10,476
52	55	92 070	1 898,546	20 488,372	10,792	10,321
53	56	91 359	1 748,382	18 589,826	10,633	10,162
54	57	90 575	1 608,695	16 841,444	10,469	9,998
55	58	89 710	1 478,739	15 232,749	10,301	9,831
56	59	88 765	1 357,926	13 754,011	10,129	9,658
57	60	87 733	1 245,602	12 396,085	9,952	9,481
58	61	86 602	1 141,110	11 150,482	9,772	9,301
59	62	85 391	1 044,220	10 009,373	9,585	9,115
60	63	84 087	954,315	8 965,152	9,394	8,924
61	64	82 694	871,009	8 010,838	9,197	8,727
62	65	81 190	793,652	7 139,829	8,996	8,526
63	66	79 563	721,806	6 346,176	8,792	8,321
64	67	77 837	655,360	5 624,370	8,582	8,111
65	68	75 982	593,727	4 969,010	8,369	7,899
66	69	74 050	537,013	4 375,283	8,147	7,677
67	70	72 026	484,765	3 838,269	7,918	7,447
68	71	69 871	436,437	3 353,504	7,684	7,213
69	72	67 646	392,148	2 917,067	7,439	6,968
70	73	65 296	351,297	2 524,919	7,187	6,717
71	74	62 844	313,790	2 173,622	6,927	6,456
72	75	60 263	279,257	1 859,832	6,660	6,189
73	76	57 568	247,581	1 580,575	6,384	5,913
74	77	54 718	218,399	1 332,993	6,103	5,633
75	78	51 729	191,621	1 114,594	5,817	5,346
76	79	48 565	166,959	922,974	5,528	5,057
77	80	45 198	144,208	756,015	5,243	4,772
78	81	41 669	123,386	611,807	4,958	4,488
79	82	37 991	104,404	488,421	4,678	4,208
80	83	34 192	87,206	384,017	4,404	3,933
81	84	30 320	71,767	296,811	4,136	3,665
82	85	26 400	57,994	225,044	3,880	3,410
83	86	22 540	45,953	167,050	3,635	3,165
84	87	18 794	35,561	121,097	3,405	2,935
85	88	15 282	26,836	85,536	3,187	2,717
86	89	12 073	19,676	58,700	2,983	2,513
87	90	9 233	13,965	39,024	2,794	2,324
88	91	6 821	9,575	25,059	2,617	2,147
89	92	4 842	6,307	15,484	2,455	1,984
90	93	3 295	3,983	9,177	2,304	1,833
91	94	2 138	2,399	5,193	2,165	1,695
92	95	1 304	1,358	2,795	2,058	1,587
93	96	760	0,734	1,437	1,957	1,486
94	97	420	0,376	0,703	1,867	1,396
95	98	220	0,183	0,326	1,778	1,307
96	99	109	0,085	0,143	1,689	1,218
97	100	50	0,036	0,058	1,613	1,142

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 366 783,182	13,716	13,246
1	5	99 284	92 143,296	1 267 136,344	13,752	13,281
2	6	99 250	85 486,114	1 174 993,048	13,745	13,274
3	7	99 228	79 319,865	1 089 506,934	13,736	13,265
4	8	99 210	73 601,618	1 010 187,069	13,725	13,254
5	9	99 193	68 295,615	936 585,451	13,714	13,243
6	10	99 177	63 373,327	868 289,836	13,701	13,231
7	11	99 161	58 805,569	804 916,509	13,688	13,217
8	12	99 145	54 567,274	746 110,940	13,673	13,203
9	13	99 129	50 634,350	691 543,666	13,658	13,187
10	14	99 113	46 984,630	640 909,316	13,641	13,170
11	15	99 095	43 597,296	593 924,686	13,623	13,152
12	16	99 073	40 452,853	550 327,391	13,604	13,134
13	17	99 052	37 535,012	509 874,538	13,584	13,113
14	18	99 028	34 826,846	472 339,526	13,563	13,092
15	19	98 995	32 311,414	437 512,680	13,540	13,070
16	20	98 961	29 977,097	405 201,265	13,517	13,046
17	21	98 918	27 808,656	375 224,168	13,493	13,022
18	22	98 872	25 796,658	347 415,513	13,467	12,997
19	23	98 817	23 927,895	321 618,855	13,441	12,971
20	24	98 755	22 192,774	297 690,960	13,414	12,943
21	25	98 693	20 583,767	275 498,186	13,384	12,914
22	26	98 631	19 091,161	254 914,419	13,352	12,882
23	27	98 567	17 706,578	235 823,258	13,318	12,848
24	28	98 500	16 421,885	218 116,680	13,282	12,811
25	29	98 428	15 229,562	201 694,796	13,244	12,773
26	30	98 355	14 123,708	186 465,234	13,202	12,732
27	31	98 280	13 097,748	172 341,526	13,158	12,687
28	32	98 196	12 145,390	159 243,778	13,111	12,641
29	33	98 112	11 262,108	147 098,388	13,061	12,591
30	34	98 021	10 442,368	135 836,279	13,008	12,538
31	35	97 926	9 681,922	125 393,911	12,951	12,481
32	36	97 819	8 975,743	115 711,989	12,892	12,421
33	37	97 705	8 320,418	106 736,247	12,828	12,358
34	38	97 590	7 712,931	98 415,829	12,760	12,289
35	39	97 455	7 148,219	90 702,898	12,689	12,218
36	40	97 310	6 624,240	83 554,679	12,613	12,143
37	41	97 158	6 138,163	76 930,438	12,533	12,062
38	42	96 993	5 686,992	70 792,275	12,448	11,977
39	43	96 811	5 268,036	65 105,283	12,359	11,888
40	44	96 618	4 879,398	59 837,247	12,263	11,793
41	45	96 398	4 518,139	54 957,849	12,164	11,693
42	46	96 163	4 182,958	50 439,709	12,058	11,588
43	47	95 898	3 871,390	46 256,751	11,948	11,478
44	48	95 604	3 581,911	42 385,362	11,833	11,363
45	49	95 279	3 313,002	38 803,451	11,712	11,242
46	50	94 912	3 062,868	35 490,448	11,587	11,117
47	51	94 518	2 830,769	32 427,580	11,455	10,985
48	52	94 075	2 614,845	29 596,811	11,319	10,848
49	53	93 583	2 414,071	26 981,966	11,177	10,706
50	54	93 033	2 227,282	24 567,895	11,030	10,560
51	55	92 427	2 053,612	22 340,613	10,879	10,408
52	56	91 765	1 892,256	20 287,000	10,721	10,250
53	57	91 029	1 742,055	18 394,745	10,559	10,089
54	58	90 213	1 602,272	16 652,690	10,393	9,923
55	59	89 315	1 472,217	15 050,418	10,223	9,752
56	60	88 337	1 351,367	13 578,201	10,048	9,577
57	61	87 260	1 238,887	12 226,834	9,869	9,399
58	62	86 118	1 134,725	10 987,947	9,683	9,213
59	63	84 872	1 037,875	9 853,222	9,494	9,023
60	64	83 533	948,031	8 815,347	9,299	8,828
61	65	82 092	864,661	7 867,315	9,099	8,628
62	66	80 539	787,293	7 002,654	8,895	8,424
63	67	78 868	715,501	6 215,360	8,687	8,216
64	68	77 082	649,007	5 499,859	8,474	8,004
65	69	75 206	587,663	4 850,852	8,254	7,784
66	70	73 223	531,014	4 263,190	8,028	7,558
67	71	71 148	478,859	3 732,176	7,794	7,323
68	72	68 935	430,593	3 253,318	7,555	7,085
69	73	66 671	386,498	2 822,724	7,303	6,833
70	74	64 285	345,858	2 436,227	7,044	6,573
71	75	61 769	308,422	2 090,369	6,778	6,307
72	76	59 114	273,932	1 781,947	6,505	6,034
73	77	56 311	242,178	1 508,015	6,227	5,756
74	78	53 380	213,059	1 265,837	5,941	5,471
75	79	50 276	186,236	1 052,778	5,653	5,182
76	80	46 966	161,462	866,542	5,367	4,896
77	81	43 462	138,669	705,080	5,085	4,614
78	82	39 833	117,949	566,411	4,802	4,331
79	83	36 079	99,148	448,462	4,523	4,052
80	84	32 206	82,141	349,314	4,253	3,782
81	85	28 282	66,943	267,173	3,991	3,520
82	86	24 361	53,516	200,230	3,742	3,271
83	87	20 536	41,867	146,714	3,504	3,034
84	88	16 892	31,963	104,847	3,280	2,810
85	89	13 527	23,755	72,884	3,068	2,598
86	90	10 492	17,100	49,130	2,873	2,402
87	91	7 867	11,899	32,030	2,692	2,221
88	92	5 680	7,973	20,131	2,525	2,054
89	93	3 934	5,124	12,158	2,373	1,902
90	94	2 605	3,150	7,034	2,233	1,762
91	95	1 635	1,834	3,884	2,117	1,646
92	96	979	1,020	2,049	2,009	1,539
93	97	555	0,536	1,029	1,919	1,449
94	98	303	0,272	0,493	1,812	1,341
95	99	153	0,128	0,221	1,732	1,261
96	100	73	0,057	0,093	1,649	1,178

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 366 305,516	13,713	13,242
1	6	99 277	92 136,386	1 266 667,740	13,748	13,277
2	7	99 243	85 480,487	1 174 531,354	13,740	13,270
3	8	99 223	79 315,955	1 089 050,867	13,731	13,260
4	9	99 204	73 597,061	1 009 734,912	13,720	13,249
5	10	99 186	68 291,196	936 137,851	13,708	13,237
6	11	99 171	63 369,572	867 846,655	13,695	13,224
7	12	99 153	58 801,189	804 477,083	13,681	13,211
8	13	99 137	54 562,957	745 675,894	13,666	13,196
9	14	99 121	50 630,010	691 112,937	13,650	13,180
10	15	99 102	46 979,699	640 482,927	13,633	13,163
11	16	99 082	43 591,842	593 503,228	13,615	13,144
12	17	99 059	40 447,145	549 911,386	13,596	13,125
13	18	99 037	37 529,516	509 464,242	13,575	13,104
14	19	99 007	34 819,754	471 934,726	13,554	13,083
15	20	98 976	32 305,177	437 114,971	13,531	13,060
16	21	98 943	29 971,546	404 809,794	13,506	13,036
17	22	98 901	27 804,052	374 838,248	13,481	13,011
18	23	98 855	25 792,194	347 034,196	13,455	12,984
19	24	98 796	23 922,703	321 242,002	13,428	12,958
20	25	98 738	22 189,011	297 319,299	13,399	12,929
21	26	98 675	20 579,929	275 130,289	13,369	12,898
22	27	98 612	19 087,446	254 550,359	13,336	12,865
23	28	98 546	17 702,710	235 462,913	13,301	12,830
24	29	98 476	16 417,789	217 760,203	13,264	12,793
25	30	98 403	15 225,621	201 342,414	13,224	12,753
26	31	98 326	14 119,514	186 116,793	13,182	12,711
27	32	98 248	13 093,567	171 997,280	13,136	12,665
28	33	98 162	12 141,175	158 903,712	13,088	12,617
29	34	98 077	11 258,098	146 762,537	13,036	12,566
30	35	97 982	10 438,284	135 504,439	12,981	12,511
31	36	97 886	9 678,025	125 066,154	12,923	12,452
32	37	97 773	8 971,535	115 388,130	12,862	12,391
33	38	97 660	8 316,588	106 416,595	12,796	12,325
34	39	97 533	7 708,414	98 100,007	12,726	12,256
35	40	97 397	7 143,961	90 391,593	12,653	12,182
36	41	97 244	6 619,745	83 247,632	12,576	12,105
37	42	97 084	6 133,481	76 627,887	12,493	12,023
38	43	96 912	5 682,273	70 494,406	12,406	11,935
39	44	96 723	5 263,296	64 812,134	12,314	11,843
40	45	96 519	4 874,421	59 548,838	12,217	11,746
41	46	96 291	4 513,115	54 674,417	12,115	11,644
42	47	96 041	4 177,647	50 161,302	12,007	11,536
43	48	95 761	3 865,840	45 983,655	11,895	11,424
44	49	95 451	3 576,181	42 117,815	11,777	11,307
45	50	95 107	3 307,001	38 541,634	11,655	11,184
46	51	94 725	3 056,832	35 234,633	11,527	11,056
47	52	94 310	2 824,517	32 177,800	11,392	10,922
48	53	93 844	2 608,425	29 353,284	11,253	10,783
49	54	93 327	2 407,473	26 744,859	11,109	10,638
50	55	92 753	2 220,579	24 337,386	10,960	10,489
51	56	92 121	2 046,808	22 116,807	10,806	10,335
52	57	91 433	1 885,408	20 069,999	10,645	10,174
53	58	90 665	1 735,100	18 184,591	10,480	10,010
54	59	89 815	1 595,205	16 449,491	10,312	9,841
55	60	88 883	1 465,106	14 854,286	10,139	9,668
56	61	87 860	1 344,082	13 389,180	9,962	9,491
57	62	86 772	1 231,956	12 045,098	9,777	9,307
58	63	85 594	1 127,830	10 813,143	9,588	9,117
59	64	84 313	1 031,041	9 685,313	9,394	8,923
60	65	82 925	941,123	8 654,272	9,196	8,725
61	66	81 434	857,734	7 713,149	8,992	8,522
62	67	79 836	780,416	6 855,415	8,784	8,314
63	68	78 103	708,565	6 074,999	8,574	8,103
64	69	76 295	642,378	5 366,435	8,354	7,883
65	70	74 366	581,097	4 724,057	8,130	7,659
66	71	72 331	524,544	4 142,960	7,898	7,428
67	72	70 196	472,447	3 618,416	7,659	7,188
68	73	67 942	424,389	3 145,970	7,413	6,942
69	74	65 639	380,514	2 721,581	7,152	6,682
70	75	63 185	339,941	2 341,067	6,887	6,416
71	76	60 591	302,541	2 001,126	6,614	6,144
72	77	57 823	267,953	1 698,585	6,339	5,868
73	78	54 934	236,256	1 430,632	6,055	5,585
74	79	51 880	207,072	1 194,376	5,768	5,297
75	80	48 621	180,105	987,304	5,482	5,011
76	81	45 162	155,260	807,200	5,199	4,728
77	82	41 547	132,559	651,939	4,918	4,447
78	83	37 828	112,012	519,380	4,637	4,166
79	84	33 983	93,389	407,369	4,362	3,891
80	85	30 042	76,620	313,979	4,098	3,627
81	86	26 098	61,773	237,360	3,842	3,372
82	87	22 195	48,758	175,587	3,601	3,131
83	88	18 458	37,631	126,829	3,370	2,900
84	89	14 953	28,292	89,198	3,153	2,682
85	90	11 756	20,645	60,905	2,950	2,480
86	91	8 940	14,570	40,261	2,763	2,293
87	92	6 551	9,908	25,691	2,593	2,122
88	93	4 614	6,477	15,783	2,437	1,966
89	94	3 111	4,052	9,305	2,296	1,826
90	95	1 993	2,409	5,253	2,180	1,710
91	96	1 228	1,378	2,844	2,064	1,594
92	97	715	0,745	1,466	1,968	1,497
93	98	401	0,388	0,721	1,860	1,389
94	99	211	0,189	0,333	1,762	1,292
95	100	103	0,085	0,144	1,689	1,218

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 365 793,262	13,709	13,238
1	7	99 270	92 130,321	1 266 162,958	13,743	13,273
2	8	99 238	85 476,273	1 174 032,637	13,735	13,265
3	9	99 217	79 311,044	1 088 556,364	13,725	13,254
4	10	99 198	73 592,299	1 009 245,319	13,714	13,243
5	11	99 180	68 287,149	935 653,021	13,702	13,231
6	12	99 164	63 364,852	867 365,871	13,688	13,218
7	13	99 145	58 796,537	804 001,019	13,674	13,204
8	14	99 129	54 558,280	745 204,482	13,659	13,188
9	15	99 110	50 624,697	690 646,202	13,642	13,172
10	16	99 090	46 973,822	640 021,506	13,625	13,154
11	17	99 068	43 585,691	593 047,684	13,606	13,136
12	18	99 045	40 441,222	549 461,993	13,587	13,116
13	19	99 017	37 521,874	509 020,770	13,566	13,095
14	20	98 988	34 813,033	471 498,897	13,544	13,073
15	21	98 958	32 299,195	436 685,864	13,520	13,049
16	22	98 927	29 966,584	404 386,668	13,495	13,024
17	23	98 884	27 799,240	374 420,084	13,469	12,998
18	24	98 834	25 786,598	346 620,844	13,442	12,971
19	25	98 779	23 918,646	320 834,246	13,414	12,943
20	26	98 719	22 184,873	296 915,600	13,384	12,913
21	27	98 656	20 575,925	274 730,727	13,352	12,881
22	28	98 590	19 083,277	254 154,802	13,318	12,848
23	29	98 521	17 698,295	235 071,525	13,282	12,811
24	30	98 450	16 413,541	217 373,230	13,244	12,773
25	31	98 373	15 221,100	200 959,689	13,203	12,732
26	32	98 295	14 115,007	185 738,590	13,159	12,688
27	33	98 214	13 089,023	171 623,583	13,112	12,641
28	34	98 127	12 136,852	158 534,559	13,062	12,592
29	35	98 038	11 253,695	146 397,707	13,009	12,538
30	36	97 943	10 434,083	135 144,012	12,952	12,482
31	37	97 841	9 673,487	124 709,929	12,892	12,421
32	38	97 728	8 967,406	115 036,441	12,828	12,358
33	39	97 603	8 311,718	106 069,036	12,761	12,291
34	40	97 475	7 703,822	97 757,318	12,689	12,219
35	41	97 331	7 139,112	90 053,496	12,614	12,143
36	42	97 170	6 614,695	82 914,384	12,535	12,064
37	43	97 003	6 128,391	76 299,689	12,450	11,980
38	44	96 825	5 677,159	70 171,298	12,360	11,890
39	45	96 625	5 257,927	64 494,139	12,266	11,795
40	46	96 412	4 869,001	59 236,212	12,166	11,695
41	47	96 169	4 507,385	54 367,211	12,062	11,591
42	48	95 903	4 171,658	49 859,827	11,952	11,481
43	49	95 607	3 859,656	45 688,168	11,837	11,367
44	50	95 278	3 569,703	41 828,512	11,718	11,247
45	51	94 919	3 300,484	38 258,809	11,592	11,121
46	52	94 516	3 050,081	34 958,325	11,461	10,991
47	53	94 078	2 817,582	31 908,244	11,325	10,854
48	54	93 588	2 601,296	29 090,663	11,183	10,712
49	55	93 046	2 400,227	26 489,367	11,036	10,566
50	56	92 446	2 213,221	24 089,140	10,884	10,414
51	57	91 788	2 039,401	21 875,919	10,727	10,256
52	58	91 068	1 877,881	19 836,518	10,563	10,093
53	59	90 265	1 727,447	17 958,637	10,396	9,925
54	60	89 381	1 587,501	16 231,190	10,224	9,754
55	61	88 404	1 457,207	14 643,689	10,049	9,578
56	62	87 369	1 336,561	13 186,482	9,866	9,395
57	63	86 245	1 224,470	11 849,920	9,678	9,207
58	64	85 031	1 120,404	10 625,451	9,484	9,013
59	65	83 699	1 023,528	9 505,047	9,287	8,816
60	66	82 260	933,582	8 481,520	9,085	8,614
61	67	80 723	850,241	7 547,938	8,877	8,407
62	68	79 062	772,850	6 697,697	8,666	8,196
63	69	77 305	701,327	5 924,846	8,448	7,977
64	70	75 443	635,201	5 223,519	8,223	7,753
65	71	73 460	574,017	4 588,319	7,993	7,523
66	72	71 362	517,520	4 014,301	7,757	7,286
67	73	69 184	465,639	3 496,781	7,510	7,039
68	74	66 890	417,818	3 031,142	7,255	6,784
69	75	64 516	374,004	2 613,324	6,987	6,517
70	76	61 980	333,459	2 239,320	6,715	6,245
71	77	59 269	295,938	1 905,861	6,440	5,969
72	78	56 409	261,401	1 609,924	6,159	5,688
73	79	53 391	229,617	1 348,522	5,873	5,402
74	80	50 172	200,254	1 118,905	5,587	5,117
75	81	46 753	173,187	918,651	5,304	4,834
76	82	43 172	148,419	745,464	5,023	4,552
77	83	39 455	125,886	597,045	4,743	4,272
78	84	35 631	105,506	471,159	4,466	3,995
79	85	31 699	87,112	365,653	4,198	3,727
80	86	27 722	70,703	278,542	3,940	3,469
81	87	23 777	56,281	207,839	3,693	3,222
82	88	19 949	43,824	151,558	3,458	2,988
83	89	16 338	33,310	107,733	3,234	2,764
84	90	12 995	24,588	74,424	3,027	2,556
85	91	10 017	17,591	49,835	2,833	2,362
86	92	7 444	12,132	32,245	2,658	2,187
87	93	5 322	8,050	20,112	2,499	2,028
88	94	3 649	5,122	12,063	2,355	1,884
89	95	2 379	3,099	6,941	2,239	1,769
90	96	1 496	1,809	3,841	2,123	1,652
91	97	897	1,006	2,032	2,019	1,548
92	98	517	0,539	1,026	1,904	1,434
93	99	279	0,270	0,487	1,806	1,336
94	100	141	0,127	0,217	1,717	1,246

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 365 241,789	13,704	13,233
1	8	99 266	92 125,779	1 265 618,043	13,738	13,267
2	9	99 232	85 470,981	1 173 492,264	13,730	13,259
3	10	99 210	79 305,912	1 088 021,283	13,719	13,249
4	11	99 192	73 587,938	1 008 715,370	13,708	13,237
5	12	99 173	68 282,063	935 127,432	13,695	13,224
6	13	99 156	63 359,839	866 845,369	13,681	13,211
7	14	99 137	58 791,497	803 485,530	13,667	13,196
8	15	99 118	54 552,555	744 694,033	13,651	13,180
9	16	99 098	50 618,364	690 141,479	13,634	13,164
10	17	99 076	46 967,194	639 523,115	13,616	13,146
11	18	99 054	43 579,309	592 555,921	13,597	13,127
12	19	99 025	40 432,987	548 976,612	13,577	13,107
13	20	98 998	37 514,631	508 543,625	13,556	13,085
14	21	98 970	34 806,587	471 028,994	13,533	13,062
15	22	98 942	32 293,848	436 222,407	13,508	13,037
16	23	98 910	29 961,398	403 928,559	13,482	13,011
17	24	98 863	27 793,208	373 967,161	13,455	12,985
18	25	98 817	25 782,225	346 173,953	13,427	12,956
19	26	98 761	23 914,186	320 391,728	13,398	12,927
20	27	98 700	22 180,557	296 477,541	13,367	12,896
21	28	98 634	20 571,430	274 296,984	13,334	12,863
22	29	98 565	19 078,518	253 725,554	13,299	12,828
23	30	98 496	17 693,715	234 647,036	13,262	12,791
24	31	98 421	16 408,667	216 953,321	13,222	12,751
25	32	98 342	15 216,241	200 544,654	13,180	12,709
26	33	98 261	14 110,108	185 328,413	13,134	12,664
27	34	98 179	13 084,363	171 218,305	13,086	12,615
28	35	98 089	12 132,106	158 133,942	13,034	12,564
29	36	97 999	11 249,166	146 001,836	12,979	12,508
30	37	97 897	10 429,191	134 752,671	12,921	12,450
31	38	97 795	9 669,035	124 323,480	12,858	12,387
32	39	97 671	8 962,154	114 654,444	12,793	12,323
33	40	97 544	8 306,766	105 692,290	12,724	12,253
34	41	97 409	7 698,593	97 385,524	12,650	12,179
35	42	97 256	7 133,666	89 686,931	12,572	12,102
36	43	97 089	6 609,206	82 553,264	12,491	12,020
37	44	96 916	6 122,876	75 944,059	12,403	11,933
38	45	96 726	5 671,368	69 821,183	12,311	11,841
39	46	96 517	5 252,080	64 149,815	12,214	11,744
40	47	96 290	4 862,818	58 897,734	12,112	11,641
41	48	96 031	4 500,923	54 034,916	12,005	11,535
42	49	95 750	4 164,985	49 533,993	11,893	11,422
43	50	95 434	3 852,665	45 369,007	11,776	11,305
44	51	95 090	3 562,669	41 516,343	11,653	11,182
45	52	94 710	3 293,194	37 953,674	11,525	11,054
46	53	94 284	3 042,592	34 660,480	11,392	10,921
47	54	93 821	2 809,881	31 617,889	11,252	10,782
48	55	93 306	2 593,467	28 808,008	11,108	10,637
49	56	92 738	2 392,274	26 214,541	10,958	10,487
50	57	92 112	2 205,212	23 822,267	10,803	10,332
51	58	91 421	2 031,259	21 617,055	10,642	10,172
52	59	90 666	1 869,598	19 585,796	10,476	10,005
53	60	89 829	1 719,104	17 716,198	10,305	9,835
54	61	88 899	1 578,942	15 997,094	10,132	9,661
55	62	87 909	1 449,054	14 418,152	9,950	9,479
56	63	86 838	1 328,440	12 969,098	9,763	9,292
57	64	85 677	1 216,407	11 640,658	9,570	9,099
58	65	84 411	1 112,239	10 424,251	9,372	8,902
59	66	83 028	1 015,327	9 312,012	9,171	8,701
60	67	81 542	925,427	8 296,685	8,965	8,495
61	68	79 940	841,998	7 371,258	8,754	8,284
62	69	78 254	764,956	6 529,260	8,535	8,065
63	70	76 442	693,491	5 764,304	8,312	7,841
64	71	74 523	627,462	5 070,812	8,081	7,611
65	72	72 476	566,331	4 443,351	7,846	7,375
66	73	70 334	510,063	3 877,020	7,601	7,130
67	74	68 113	458,429	3 366,956	7,345	6,874
68	75	65 746	410,670	2 908,527	7,082	6,612
69	76	63 286	366,872	2 497,857	6,809	6,338
70	77	60 627	326,181	2 130,985	6,533	6,062
71	78	57 820	288,702	1 804,804	6,251	5,781
72	79	54 824	254,056	1 516,102	5,968	5,497
73	80	51 633	222,057	1 262,047	5,683	5,213
74	81	48 245	192,563	1 039,989	5,401	4,930
75	82	44 693	165,556	847,426	5,119	4,648
76	83	40 999	140,948	681,870	4,838	4,367
77	84	37 164	118,574	540,923	4,562	4,091
78	85	33 236	98,414	422,348	4,292	3,821
79	86	29 251	80,385	323,935	4,030	3,559
80	87	25 257	64,417	243,550	3,781	3,310
81	88	21 371	50,586	179,133	3,541	3,070
82	89	17 659	38,792	128,547	3,314	2,843
83	90	14 199	28,949	89,755	3,100	2,630
84	91	11 073	20,951	60,806	2,902	2,432
85	92	8 341	14,647	39,855	2,721	2,250
86	93	6 048	9,857	25,208	2,558	2,087
87	94	4 209	6,366	15,352	2,412	1,941
88	95	2 791	3,918	8,986	2,294	1,823
89	96	1 787	2,328	5,068	2,178	1,707
90	97	1 093	1,322	2,741	2,074	1,603
91	98	648	0,728	1,419	1,951	1,480
92	99	360	0,374	0,692	1,847	1,376
93	100	187	0,180	0,317	1,757	1,287

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 364 646,860	13,699	13,228
1	9	99 259	92 120,076	1 265 028,025	13,732	13,262
2	10	99 226	85 465,450	1 172 907,949	13,724	13,253
3	11	99 205	79 301,213	1 087 442,499	13,713	13,242
4	12	99 184	73 582,457	1 008 141,286	13,701	13,230
5	13	99 165	68 276,661	934 558,829	13,688	13,217
6	14	99 147	63 354,408	866 282,168	13,674	13,203
7	15	99 127	58 785,327	802 927,760	13,659	13,188
8	16	99 106	54 545,730	744 142,432	13,643	13,172
9	17	99 084	50 611,221	689 596,702	13,625	13,155
10	18	99 061	46 960,317	638 985,481	13,607	13,136
11	19	99 033	43 570,434	592 025,164	13,588	13,117
12	20	99 006	40 425,182	548 454,730	13,567	13,096
13	21	98 979	37 507,684	508 029,547	13,545	13,074
14	22	98 954	34 800,824	470 521,863	13,520	13,050
15	23	98 924	32 288,260	435 721,038	13,495	13,024
16	24	98 888	29 954,897	403 432,779	13,468	12,997
17	25	98 846	27 788,495	373 477,881	13,440	12,969
18	26	98 799	25 777,418	345 689,386	13,411	12,940
19	27	98 741	23 909,533	319 911,968	13,380	12,909
20	28	98 679	22 175,712	296 002,435	13,348	12,877
21	29	98 610	20 566,300	273 826,723	13,314	12,844
22	30	98 540	19 073,581	253 260,423	13,278	12,807
23	31	98 466	17 688,461	234 186,842	13,240	12,769
24	32	98 390	16 403,429	216 498,381	13,198	12,728
25	33	98 308	15 210,960	200 094,952	13,155	12,684
26	34	98 226	14 105,085	184 883,992	13,108	12,637
27	35	98 141	13 079,246	170 778,907	13,057	12,587
28	36	98 049	12 127,223	157 699,661	13,004	12,533
29	37	97 953	11 243,892	145 572,439	12,947	12,476
30	38	97 852	10 424,391	134 328,547	12,886	12,415
31	39	97 738	9 663,373	123 904,156	12,822	12,351
32	40	97 613	8 956,815	114 240,784	12,755	12,284
33	41	97 478	8 301,128	105 283,968	12,683	12,212
34	42	97 335	7 692,720	96 982,840	12,607	12,136
35	43	97 176	7 127,747	89 290,120	12,527	12,056
36	44	97 002	6 603,258	82 162,373	12,443	11,972
37	45	96 817	6 116,630	75 559,115	12,353	11,882
38	46	96 619	5 665,062	69 442,485	12,258	11,787
39	47	96 395	5 245,412	63 777,423	12,159	11,688
40	48	96 152	4 855,847	58 532,011	12,054	11,583
41	49	95 877	4 493,724	53 676,164	11,945	11,474
42	50	95 577	4 157,441	49 182,440	11,830	11,359
43	51	95 246	3 845,072	45 024,999	11,710	11,239
44	52	94 880	3 554,799	41 179,927	11,584	11,114
45	53	94 477	3 285,108	37 625,128	11,453	10,983
46	54	94 026	3 034,276	34 340,020	11,317	10,847
47	55	93 539	2 801,424	31 305,744	11,175	10,704
48	56	92 997	2 584,874	28 504,320	11,027	10,557
49	57	92 402	2 383,617	25 919,446	10,874	10,403
50	58	91 744	2 196,408	23 535,829	10,716	10,245
51	59	91 018	2 022,300	21 339,421	10,552	10,081
52	60	90 229	1 860,568	19 317,121	10,382	9,912
53	61	89 345	1 709,836	17 456,553	10,209	9,739
54	62	88 402	1 570,108	15 746,717	10,029	9,558
55	63	87 375	1 440,249	14 176,609	9,843	9,373
56	64	86 266	1 319,693	12 736,360	9,651	9,180
57	65	85 053	1 207,543	11 416,668	9,454	8,984
58	66	83 735	1 103,327	10 209,125	9,253	8,782
59	67	82 303	1 006,458	9 105,798	9,047	8,577
60	68	80 751	916,455	8 099,340	8,838	8,367
61	69	79 124	833,398	7 182,885	8,619	8,148
62	70	77 380	756,410	6 349,487	8,394	7,924
63	71	75 510	685,042	5 593,077	8,165	7,694
64	72	73 526	619,060	4 908,035	7,928	7,458
65	73	71 432	558,170	4 288,975	7,684	7,213
66	74	69 245	502,166	3 730,805	7,429	6,959
67	75	66 948	450,586	3 228,639	7,165	6,695
68	76	64 492	402,839	2 778,052	6,896	6,426
69	77	61 905	358,865	2 375,213	6,619	6,148
70	78	59 145	318,205	2 016,348	6,337	5,866
71	79	56 195	280,589	1 698,143	6,052	5,581
72	80	53 019	245,691	1 417,554	5,770	5,299
73	81	49 650	213,529	1 171,862	5,488	5,017
74	82	46 119	184,078	958,334	5,206	4,735
75	83	42 443	157,222	774,256	4,925	4,454
76	84	38 617	132,761	617,034	4,648	4,177
77	85	34 666	110,604	484,273	4,378	3,908
78	86	30 669	90,814	373,669	4,115	3,644
79	87	26 650	73,238	282,855	3,862	3,391
80	88	22 701	57,898	209,618	3,620	3,150
81	89	18 917	44,778	151,719	3,388	2,918
82	90	15 347	33,713	106,942	3,172	2,701
83	91	12 099	24,666	73,228	2,969	2,498
84	92	9 220	17,445	48,562	2,784	2,313
85	93	6 777	11,900	31,117	2,615	2,144
86	94	4 783	7,795	19,217	2,465	1,995
87	95	3 219	4,869	11,422	2,346	1,875
88	96	2 096	2,942	6,554	2,228	1,757
89	97	1 305	1,700	3,612	2,124	1,653
90	98	790	0,955	1,911	2,000	1,530
91	99	451	0,506	0,956	1,889	1,419
92	100	241	0,251	0,450	1,795	1,324

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 364 003,131	13,693	13,222
1	10	99 253	92 114,115	1 264 390,464	13,726	13,256
2	11	99 220	85 460,386	1 172 276,349	13,717	13,247
3	12	99 197	79 295,307	1 086 815,963	13,706	13,235
4	13	99 177	73 576,636	1 007 520,656	13,693	13,223
5	14	99 157	68 270,808	933 944,021	13,680	13,209
6	15	99 137	63 347,760	865 673,212	13,665	13,195
7	16	99 114	58 777,973	802 325,453	13,650	13,179
8	17	99 092	54 538,034	743 547,479	13,634	13,163
9	18	99 069	50 603,811	689 009,446	13,616	13,145
10	19	99 041	46 950,754	638 405,635	13,597	13,127
11	20	99 014	43 562,024	591 454,881	13,577	13,107
12	21	98 987	40 417,697	547 892,857	13,556	13,085
13	22	98 963	37 501,475	507 475,160	13,532	13,061
14	23	98 936	34 794,802	469 973,685	13,507	13,036
15	24	98 903	32 281,254	435 178,883	13,481	13,010
16	25	98 871	29 949,818	402 897,629	13,452	12,982
17	26	98 827	27 783,314	372 947,811	13,423	12,953
18	27	98 779	25 772,402	345 164,497	13,393	12,922
19	28	98 720	23 904,311	319 392,095	13,361	12,891
20	29	98 654	22 170,181	295 487,784	13,328	12,857
21	30	98 584	20 560,978	273 317,603	13,293	12,822
22	31	98 511	19 067,917	252 756,625	13,256	12,785
23	32	98 435	17 682,815	233 688,708	13,216	12,745
24	33	98 355	16 397,736	216 005,893	13,173	12,702
25	34	98 273	15 205,545	199 608,156	13,127	12,657
26	35	98 187	14 099,568	184 402,612	13,079	12,608
27	36	98 101	13 073,981	170 303,044	13,026	12,555
28	37	98 003	12 121,537	157 229,063	12,971	12,500
29	38	97 908	11 238,717	145 107,526	12,911	12,441
30	39	97 795	10 418,286	133 868,809	12,849	12,379
31	40	97 680	9 657,616	123 450,523	12,783	12,312
32	41	97 546	8 950,736	113 792,907	12,713	12,243
33	42	97 404	8 294,796	104 842,171	12,640	12,169
34	43	97 254	7 686,337	96 547,375	12,561	12,090
35	44	97 088	7 121,332	88 861,038	12,478	12,007
36	45	96 903	6 596,522	81 739,706	12,391	11,921
37	46	96 709	6 109,829	75 143,184	12,299	11,828
38	47	96 496	5 657,869	69 033,355	12,201	11,731
39	48	96 257	5 237,892	63 375,486	12,099	11,629
40	49	95 998	4 848,080	58 137,594	11,992	11,521
41	50	95 703	4 485,584	53 289,514	11,880	11,410
42	51	95 388	4 149,248	48 803,930	11,762	11,291
43	52	95 036	3 836,579	44 654,682	11,639	11,169
44	53	94 647	3 546,071	40 818,103	11,511	11,040
45	54	94 219	3 276,130	37 272,032	11,377	10,906
46	55	93 743	3 025,144	33 995,902	11,238	10,767
47	56	93 229	2 792,142	30 970,759	11,092	10,621
48	57	92 660	2 575,519	28 178,617	10,941	10,470
49	58	92 033	2 374,101	25 603,097	10,784	10,314
50	59	91 339	2 186,721	23 228,997	10,623	10,152
51	60	90 578	2 012,532	21 042,276	10,456	9,985
52	61	89 742	1 850,538	19 029,744	10,283	9,813
53	62	88 845	1 700,269	17 179,206	10,104	9,633
54	63	87 865	1 560,567	15 478,937	9,919	9,448
55	64	86 800	1 430,766	13 918,370	9,728	9,257
56	65	85 637	1 310,076	12 487,604	9,532	9,061
57	66	84 371	1 197,868	11 177,529	9,331	8,861
58	67	83 003	1 093,689	9 979,661	9,125	8,654
59	68	81 505	996,701	8 885,972	8,915	8,445
60	69	79 926	907,094	7 889,271	8,697	8,227
61	70	78 240	824,087	6 982,177	8,473	8,002
62	71	76 437	747,194	6 158,090	8,242	7,771
63	72	74 499	675,869	5 410,896	8,006	7,535
64	73	72 466	610,140	4 735,027	7,761	7,290
65	74	70 326	549,528	4 124,887	7,506	7,036
66	75	68 060	493,575	3 575,359	7,244	6,773
67	76	65 671	441,995	3 081,784	6,972	6,502
68	77	63 085	394,047	2 639,789	6,699	6,229
69	78	60 391	350,090	2 245,742	6,415	5,944
70	79	57 483	309,263	1 895,652	6,130	5,659
71	80	54 345	271,351	1 586,389	5,846	5,376
72	81	50 983	236,255	1 315,038	5,566	5,096
73	82	47 462	204,120	1 078,783	5,285	4,814
74	83	43 797	174,811	874,663	5,003	4,533
75	84	39 978	148,090	699,851	4,726	4,255
76	85	36 022	123,837	551,761	4,456	3,985
77	86	31 989	102,063	427,925	4,193	3,722
78	87	27 942	82,740	325,862	3,938	3,468
79	88	23 953	65,827	243,122	3,693	3,223
80	89	20 095	51,250	177,295	3,459	2,989
81	90	16 441	38,915	126,045	3,239	2,768
82	91	13 076	28,726	87,130	3,033	2,562
83	92	10 074	20,539	58,404	2,844	2,373
84	93	7 491	14,173	37,865	2,672	2,201
85	94	5 359	9,410	23,692	2,518	2,047
86	95	3 658	5,962	14,281	2,396	1,925
87	96	2 417	3,656	8,320	2,276	1,805
88	97	1 531	2,149	4,664	2,170	1,699
89	98	944	1,229	2,514	2,046	1,575
90	99	549	0,664	1,285	1,935	1,464
91	100	302	0,339	0,621	1,833	1,363

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 363 308,000	13,687	13,216
1	11	99 247	92 108,657	1 263 701,778	13,720	13,249
2	12	99 213	85 454,021	1 171 593,121	13,710	13,240
3	13	99 189	79 289,033	1 086 139,101	13,698	13,228
4	14	99 168	73 570,329	1 006 850,068	13,686	13,215
5	15	99 146	68 263,644	933 279,739	13,672	13,201
6	16	99 124	63 339,835	865 016,095	13,657	13,186
7	17	99 100	58 769,680	801 676,260	13,641	13,170
8	18	99 077	54 530,048	742 906,580	13,624	13,153
9	19	99 049	50 593,506	688 376,532	13,606	13,135
10	20	99 022	46 941,691	637 783,026	13,587	13,116
11	21	98 996	43 553,958	590 841,335	13,566	13,095
12	22	98 971	40 411,006	547 287,377	13,543	13,072
13	23	98 946	37 494,985	506 876,372	13,519	13,048
14	24	98 915	34 787,252	469 381,386	13,493	13,022
15	25	98 886	32 275,780	434 594,134	13,465	12,994
16	26	98 853	29 944,233	402 318,354	13,436	12,965
17	27	98 808	27 777,908	372 374,121	13,405	12,935
18	28	98 758	25 766,773	344 596,213	13,374	12,903
19	29	98 695	23 898,349	318 829,440	13,341	12,870
20	30	98 628	22 164,444	294 931,091	13,306	12,836
21	31	98 555	20 554,873	272 766,647	13,270	12,800
22	32	98 479	19 061,831	252 211,774	13,231	12,761
23	33	98 401	17 676,678	233 149,944	13,190	12,719
24	34	98 320	16 391,898	215 473,265	13,145	12,674
25	35	98 235	15 199,597	199 081,367	13,098	12,627
26	36	98 148	14 093,893	183 881,770	13,047	12,576
27	37	98 055	13 067,852	169 787,877	12,993	12,522
28	38	97 958	12 115,958	156 720,025	12,935	12,464
29	39	97 851	11 232,135	144 604,067	12,874	12,403
30	40	97 736	10 412,080	133 371,932	12,809	12,339
31	41	97 614	9 651,061	122 959,852	12,741	12,270
32	42	97 472	8 943,908	113 308,791	12,669	12,198
33	43	97 323	8 287,913	104 364,883	12,592	12,122
34	44	97 166	7 679,420	96 076,970	12,511	12,040
35	45	96 989	7 114,068	88 397,550	12,426	11,955
36	46	96 795	6 589,187	81 283,482	12,336	11,865
37	47	96 587	6 102,071	74 694,295	12,241	11,770
38	48	96 358	5 649,758	68 592,224	12,141	11,670
39	49	96 103	5 229,514	62 942,466	12,036	11,565
40	50	95 824	4 839,298	57 712,952	11,926	11,455
41	51	95 515	4 476,744	52 873,654	11,811	11,340
42	52	95 178	4 140,083	48 396,910	11,690	11,219
43	53	94 802	3 827,159	44 256,827	11,564	11,093
44	54	94 389	3 536,379	40 429,668	11,433	10,962
45	55	93 935	3 266,270	36 893,289	11,295	10,825
46	56	93 433	3 015,120	33 627,019	11,153	10,682
47	57	92 891	2 782,037	30 611,899	11,003	10,533
48	58	92 290	2 565,237	27 829,861	10,849	10,378
49	59	91 628	2 363,630	25 264,624	10,689	10,218
50	60	90 898	2 176,159	22 900,995	10,524	10,053
51	61	90 090	2 001,683	20 724,836	10,354	9,883
52	62	89 240	1 840,184	18 723,153	10,175	9,704
53	63	88 305	1 689,937	16 882,969	9,990	9,520
54	64	87 286	1 550,292	15 193,032	9,800	9,329
55	65	86 167	1 420,339	13 642,740	9,605	9,135
56	66	84 951	1 299,579	12 222,401	9,405	8,934
57	67	83 634	1 187,404	10 922,822	9,199	8,728
58	68	82 199	1 083,087	9 735,418	8,989	8,518
59	69	80 672	986,520	8 652,332	8,771	8,300
60	70	79 033	896,960	7 665,812	8,546	8,076
61	71	77 286	814,046	6 768,852	8,315	7,844
62	72	75 414	737,189	5 954,806	8,078	7,607
63	73	73 426	666,130	5 217,617	7,833	7,362
64	74	71 344	600,693	4 551,487	7,577	7,106
65	75	69 122	540,127	3 950,794	7,315	6,844
66	76	66 762	484,164	3 410,667	7,044	6,574
67	77	64 238	432,348	2 926,503	6,769	6,298
68	78	61 542	384,412	2 494,155	6,488	6,018
69	79	58 694	340,252	2 109,744	6,201	5,730
70	80	55 590	299,081	1 769,491	5,916	5,446
71	81	52 258	260,929	1 470,410	5,635	5,165
72	82	48 737	225,845	1 209,481	5,355	4,885
73	83	45 073	193,844	983,636	5,074	4,604
74	84	41 254	164,658	789,791	4,797	4,326
75	85	37 291	138,135	625,133	4,526	4,055
76	86	33 240	114,274	486,998	4,262	3,791
77	87	29 145	92,988	372,724	4,008	3,538
78	88	25 115	74,367	279,736	3,762	3,291
79	89	21 203	58,268	205,368	3,525	3,054
80	90	17 464	44,541	147,100	3,303	2,832
81	91	14 009	33,158	102,559	3,093	2,622
82	92	10 888	23,919	69,401	2,901	2,431
83	93	8 185	16,687	45,482	2,726	2,255
84	94	5 924	11,208	28,795	2,569	2,098
85	95	4 099	7,197	17,587	2,444	1,973
86	96	2 747	4,477	10,390	2,321	1,850
87	97	1 766	2,671	5,913	2,214	1,743
88	98	1 107	1,554	3,242	2,087	1,616
89	99	656	0,855	1,688	1,976	1,505
90	100	368	0,445	0,834	1,875	1,404

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 362 557,630	13,680	13,210
1	12	99 240	92 101,796	1 262 957,311	13,713	13,242
2	13	99 205	85 447,260	1 170 855,515	13,703	13,232
3	14	99 181	79 282,236	1 085 408,255	13,690	13,220
4	15	99 158	73 562,608	1 006 126,018	13,677	13,206
5	16	99 134	68 255,104	932 563,410	13,663	13,192
6	17	99 110	63 330,897	864 308,306	13,647	13,177
7	18	99 086	58 761,075	800 977,408	13,631	13,160
8	19	99 057	54 518,944	742 216,333	13,614	13,143
9	20	99 030	50 583,740	687 697,390	13,595	13,125
10	21	99 004	46 932,999	637 113,650	13,575	13,104
11	22	98 980	43 546,747	590 180,651	13,553	13,082
12	23	98 954	40 404,013	546 633,903	13,529	13,059
13	24	98 924	37 486,849	506 229,891	13,504	13,034
14	25	98 898	34 781,353	468 743,041	13,477	13,006
15	26	98 868	32 269,762	433 961,688	13,448	12,977
16	27	98 834	29 938,407	401 691,926	13,417	12,947
17	28	98 787	27 771,841	371 753,519	13,386	12,915
18	29	98 733	25 760,347	343 981,679	13,353	12,882
19	30	98 670	23 892,165	318 221,332	13,319	12,848
20	31	98 599	22 157,863	294 329,167	13,283	12,813
21	32	98 523	20 548,312	272 171,305	13,245	12,775
22	33	98 445	19 055,215	251 622,993	13,205	12,734
23	34	98 366	17 670,385	232 567,778	13,161	12,691
24	35	98 282	16 385,487	214 897,393	13,115	12,644
25	36	98 195	15 193,480	198 511,906	13,066	12,595
26	37	98 102	14 087,285	183 318,426	13,013	12,542
27	38	98 010	13 061,838	169 231,141	12,956	12,485
28	39	97 901	12 108,862	156 169,303	12,897	12,426
29	40	97 792	11 225,444	144 060,441	12,833	12,363
30	41	97 670	10 405,013	132 834,997	12,766	12,296
31	42	97 539	9 643,699	122 429,984	12,695	12,225
32	43	97 391	8 936,486	112 786,285	12,621	12,150
33	44	97 235	8 280,454	103 849,799	12,542	12,071
34	45	97 067	7 671,586	95 569,345	12,458	11,987
35	46	96 881	7 106,158	87 897,758	12,369	11,899
36	47	96 672	6 580,821	80 791,601	12,277	11,806
37	48	96 448	6 093,324	74 210,780	12,179	11,708
38	49	96 204	5 640,721	68 117,457	12,076	11,605
39	50	95 929	5 220,041	62 476,736	11,969	11,498
40	51	95 635	4 829,761	57 256,695	11,855	11,384
41	52	95 304	4 466,856	52 426,934	11,737	11,266
42	53	94 944	4 129,918	47 960,078	11,613	11,142
43	54	94 543	3 816,699	43 830,160	11,484	11,013
44	55	94 104	3 525,736	40 013,461	11,349	10,878
45	56	93 624	3 255,447	36 487,725	11,208	10,738
46	57	93 095	3 004,209	33 232,278	11,062	10,591
47	58	92 520	2 770,931	30 228,069	10,909	10,438
48	59	91 883	2 553,923	27 457,138	10,751	10,280
49	60	91 185	2 352,213	24 903,215	10,587	10,116
50	61	90 408	2 164,427	22 551,002	10,419	9,948
51	62	89 586	1 990,483	20 386,575	10,242	9,771
52	63	88 698	1 829,002	18 396,092	10,058	9,587
53	64	87 724	1 678,810	16 567,090	9,868	9,398
54	65	86 650	1 538,994	14 888,280	9,674	9,203
55	66	85 477	1 408,959	13 349,286	9,475	9,004
56	67	84 209	1 288,227	11 940,327	9,269	8,798
57	68	82 823	1 175,893	10 652,100	9,059	8,588
58	69	81 359	1 072,023	9 476,207	8,840	8,369
59	70	79 771	975,498	8 404,184	8,615	8,145
60	71	78 070	886,032	7 428,686	8,384	7,914
61	72	76 252	803,146	6 542,654	8,146	7,676
62	73	74 327	726,566	5 739,508	7,899	7,429
63	74	72 289	655,817	5 012,942	7,644	7,173
64	75	70 124	590,416	4 357,125	7,380	6,909
65	76	67 804	529,828	3 766,709	7,109	6,639
66	77	65 305	473,596	3 236,881	6,835	6,364
67	78	62 667	421,776	2 763,285	6,552	6,081
68	79	59 813	373,610	2 341,509	6,267	5,797
69	80	56 762	329,050	1 967,899	5,981	5,510
70	81	53 455	287,594	1 638,849	5,698	5,228
71	82	49 955	249,432	1 351,254	5,417	4,947
72	83	46 283	214,476	1 101,823	5,137	4,667
73	84	42 455	182,585	887,347	4,860	4,389
74	85	38 480	153,590	704,762	4,589	4,118
75	86	34 411	127,468	551,172	4,324	3,853
76	87	30 285	104,114	423,704	4,070	3,599
77	88	26 196	83,579	319,590	3,824	3,353
78	89	22 231	65,828	236,011	3,585	3,115
79	90	18 427	50,640	170,183	3,361	2,890
80	91	14 880	37,951	119,543	3,150	2,679
81	92	11 664	27,610	81,591	2,955	2,484
82	93	8 846	19,433	53,982	2,778	2,307
83	94	6 472	13,196	34,549	2,618	2,147
84	95	4 531	8,572	21,353	2,491	2,020
85	96	3 078	5,405	12,781	2,365	1,894
86	97	2 007	3,270	7,376	2,255	1,785
87	98	1 277	1,931	4,105	2,126	1,655
88	99	770	1,080	2,174	2,013	1,542
89	100	439	0,572	1,094	1,912	1,441

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 361 747,016	13,673	13,202
1	13	99 232	92 094,510	1 262 154,115	13,705	13,234
2	14	99 196	85 439,936	1 170 059,606	13,695	13,224
3	15	99 170	79 273,917	1 084 619,670	13,682	13,211
4	16	99 145	73 553,406	1 005 345,753	13,668	13,198
5	17	99 120	68 245,473	931 792,347	13,654	13,183
6	18	99 096	63 321,625	863 546,874	13,637	13,167
7	19	99 065	58 749,108	800 225,250	13,621	13,150
8	20	99 038	54 508,420	741 476,141	13,603	13,132
9	21	99 012	50 574,373	686 967,721	13,583	13,113
10	22	98 987	46 925,229	636 393,347	13,562	13,091
11	23	98 962	43 539,212	589 468,118	13,539	13,068
12	24	98 932	40 395,245	545 928,907	13,515	13,044
13	25	98 908	37 480,493	505 533,661	13,488	13,017
14	26	98 880	34 774,868	468 053,168	13,460	12,989
15	27	98 849	32 263,483	433 278,300	13,429	12,959
16	28	98 812	29 931,868	401 014,818	13,398	12,927
17	29	98 762	27 764,914	371 082,950	13,365	12,895
18	30	98 708	25 753,680	343 318,036	13,331	12,860
19	31	98 640	23 885,071	317 564,355	13,296	12,825
20	32	98 568	22 150,790	293 679,285	13,258	12,788
21	33	98 489	20 541,180	271 528,495	13,219	12,748
22	34	98 410	19 048,431	250 987,314	13,176	12,706
23	35	98 327	17 663,474	231 938,884	13,131	12,660
24	36	98 242	16 378,892	214 275,410	13,082	12,612
25	37	98 149	15 186,356	197 896,518	13,031	12,561
26	38	98 057	14 080,802	182 710,162	12,976	12,505
27	39	97 953	13 054,188	168 629,360	12,918	12,447
28	40	97 843	12 101,649	155 575,172	12,856	12,385
29	41	97 726	11 217,825	143 473,523	12,790	12,319
30	42	97 595	10 397,076	132 255,698	12,720	12,250
31	43	97 458	9 635,697	121 858,622	12,647	12,176
32	44	97 304	8 928,444	112 222,926	12,569	12,098
33	45	97 136	8 272,008	103 294,482	12,487	12,017
34	46	96 959	7 663,056	95 022,474	12,400	11,929
35	47	96 758	7 097,135	87 359,418	12,309	11,838
36	48	96 534	6 571,387	80 262,283	12,214	11,743
37	49	96 294	6 083,577	73 690,896	12,113	11,642
38	50	96 029	5 630,503	67 607,320	12,007	11,537
39	51	95 739	5 209,754	61 976,817	11,896	11,426
40	52	95 424	4 819,093	56 767,063	11,780	11,309
41	53	95 070	4 455,888	51 947,970	11,658	11,188
42	54	94 684	4 118,630	47 492,081	11,531	11,060
43	55	94 259	3 805,212	43 373,451	11,398	10,928
44	56	93 793	3 514,054	39 568,239	11,260	10,789
45	57	93 285	3 243,666	36 054,185	11,115	10,645
46	58	92 723	2 992,215	32 810,519	10,965	10,495
47	59	92 112	2 758,709	29 818,303	10,809	10,338
48	60	91 440	2 541,588	27 059,594	10,647	10,176
49	61	90 693	2 339,532	24 518,006	10,480	10,009
50	62	89 902	2 152,317	22 178,474	10,304	9,834
51	63	89 042	1 978,388	20 026,157	10,122	9,652
52	64	88 114	1 816,959	18 047,769	9,933	9,462
53	65	87 085	1 666,576	16 230,811	9,739	9,268
54	66	85 956	1 526,663	14 564,235	9,540	9,069
55	67	84 730	1 396,651	13 037,571	9,335	8,864
56	68	83 393	1 275,738	11 640,920	9,125	8,654
57	69	81 977	1 163,881	10 365,182	8,906	8,435
58	70	80 450	1 060,046	9 201,301	8,680	8,209
59	71	78 799	963,613	8 141,254	8,449	7,978
60	72	77 025	874,167	7 177,641	8,211	7,740
61	73	75 153	791,573	6 303,474	7,963	7,493
62	74	73 176	715,317	5 511,901	7,706	7,235
63	75	71 052	644,597	4 796,584	7,441	6,971
64	76	68 786	579,158	4 151,987	7,169	6,698
65	77	66 325	518,264	3 572,828	6,894	6,423
66	78	63 708	462,016	3 054,565	6,611	6,141
67	79	60 906	409,924	2 592,549	6,324	5,854
68	80	57 843	361,309	2 182,625	6,041	5,570
69	81	54 581	316,412	1 821,315	5,756	5,285
70	82	51 100	274,922	1 504,903	5,474	5,003
71	83	47 440	236,875	1 229,981	5,193	4,722
72	84	43 595	202,018	993,106	4,916	4,445
73	85	39 601	170,312	791,088	4,645	4,174
74	86	35 509	141,729	620,776	4,380	3,909
75	87	31 352	116,135	479,047	4,125	3,654
76	88	27 220	93,579	362,911	3,878	3,407
77	89	23 188	73,982	269,332	3,641	3,170
78	90	19 321	57,210	195,351	3,415	2,944
79	91	15 701	43,148	138,140	3,202	2,731
80	92	12 390	31,601	94,992	3,006	2,535
81	93	9 477	22,431	63,391	2,826	2,355
82	94	6 996	15,368	40,960	2,665	2,195
83	95	4 950	10,093	25,592	2,536	2,065
84	96	3 402	6,438	15,500	2,408	1,937
85	97	2 248	3,948	9,062	2,295	1,825
86	98	1 451	2,364	5,114	2,163	1,692
87	99	888	1,343	2,750	2,048	1,577
88	100	515	0,723	1,407	1,946	1,475

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 360 873,002	13,665	13,195
1	14	99 223	92 086,615	1 261 287,980	13,697	13,226
2	15	99 186	85 430,970	1 169 201,365	13,686	13,215
3	16	99 158	79 264,000	1 083 770,395	13,673	13,202
4	17	99 131	73 543,027	1 004 506,395	13,659	13,188
5	18	99 105	68 235,481	930 963,368	13,643	13,173
6	19	99 076	63 308,730	862 727,887	13,627	13,157
7	20	99 046	58 737,768	799 419,157	13,610	13,139
8	21	99 020	54 498,327	740 681,389	13,591	13,120
9	22	98 995	50 566,001	686 183,062	13,570	13,099
10	23	98 970	46 917,109	635 617,061	13,548	13,077
11	24	98 941	43 529,764	588 699,953	13,524	13,053
12	25	98 915	40 388,396	545 170,188	13,498	13,028
13	26	98 889	37 473,504	504 781,793	13,470	13,000
14	27	98 861	34 768,102	467 308,289	13,441	12,970
15	28	98 827	32 256,435	432 540,187	13,409	12,939
16	29	98 787	29 924,403	400 283,751	13,376	12,906
17	30	98 736	27 757,729	370 359,349	13,343	12,872
18	31	98 678	25 746,033	342 601,619	13,307	12,836
19	32	98 609	23 877,447	316 855,586	13,270	12,799
20	33	98 534	22 143,103	292 978,139	13,231	12,760
21	34	98 454	20 533,867	270 835,037	13,190	12,719
22	35	98 372	19 040,980	250 301,170	13,145	12,675
23	36	98 288	17 656,364	231 260,189	13,098	12,627
24	37	98 196	16 371,213	213 603,825	13,048	12,577
25	38	98 104	15 179,367	197 232,612	12,993	12,523
26	39	97 999	14 072,555	182 053,245	12,937	12,466
27	40	97 894	13 046,411	167 980,690	12,876	12,405
28	41	97 776	12 093,436	154 934,278	12,811	12,341
29	42	97 651	11 209,267	142 840,843	12,743	12,272
30	43	97 514	10 388,448	131 631,575	12,671	12,200
31	44	97 371	9 627,025	121 243,127	12,594	12,123
32	45	97 204	8 919,337	111 616,102	12,514	12,043
33	46	97 028	8 262,810	102 696,765	12,429	11,958
34	47	96 836	7 653,326	94 433,956	12,339	11,868
35	48	96 619	7 086,961	86 780,630	12,245	11,774
36	49	96 379	6 560,875	79 693,669	12,147	11,676
37	50	96 119	6 072,557	73 132,794	12,043	11,573
38	51	95 840	5 619,407	67 060,237	11,934	11,463
39	52	95 528	5 198,246	61 440,830	11,820	11,349
40	53	95 189	4 807,261	56 242,584	11,700	11,229
41	54	94 810	4 443,710	51 435,323	11,575	11,104
42	55	94 399	4 106,235	46 991,613	11,444	10,973
43	56	93 946	3 792,604	42 885,378	11,308	10,837
44	57	93 453	3 501,337	39 092,774	11,165	10,694
45	58	92 913	3 230,716	35 591,437	11,017	10,546
46	59	92 314	2 979,018	32 360,720	10,863	10,392
47	60	91 667	2 745,385	29 381,702	10,702	10,232
48	61	90 947	2 527,886	26 636,318	10,537	10,066
49	62	90 186	2 326,442	24 108,432	10,363	9,892
50	63	89 356	2 139,238	21 781,989	10,182	9,711
51	64	88 455	1 965,361	19 642,751	9,994	9,524
52	65	87 472	1 803,718	17 677,390	9,801	9,330
53	66	86 387	1 653,223	15 873,672	9,602	9,131
54	67	85 205	1 513,327	14 220,449	9,397	8,926
55	68	83 909	1 383,112	12 707,122	9,187	8,717
56	69	82 541	1 262,707	11 324,010	8,968	8,497
57	70	81 061	1 150,878	10 061,304	8,742	8,272
58	71	79 470	1 047,131	8 910,425	8,509	8,039
59	72	77 744	950,710	7 863,294	8,271	7,800
60	73	75 915	861,571	6 912,584	8,023	7,553
61	74	73 989	779,318	6 051,013	7,765	7,294
62	75	71 924	703,079	5 271,696	7,498	7,027
63	76	69 697	632,306	4 568,616	7,225	6,755
64	77	67 285	566,518	3 936,310	6,948	6,478
65	78	64 703	505,591	3 369,793	6,665	6,194
66	79	61 918	449,033	2 864,201	6,379	5,908
67	80	58 901	396,428	2 415,168	6,092	5,622
68	81	55 622	347,432	2 018,740	5,810	5,340
69	82	52 176	302,470	1 671,308	5,526	5,055
70	83	48 527	261,082	1 368,838	5,243	4,772
71	84	44 685	223,117	1 107,756	4,965	4,494
72	85	40 664	188,439	884,639	4,695	4,224
73	86	36 543	157,160	696,200	4,430	3,959
74	87	32 352	129,128	539,040	4,174	3,704
75	88	28 179	104,384	409,912	3,927	3,456
76	89	24 095	82,834	305,528	3,688	3,218
77	90	20 152	64,296	222,695	3,464	2,993
78	91	16 462	48,747	158,398	3,249	2,779
79	92	13 074	35,928	109,652	3,052	2,581
80	93	10 066	25,674	73,724	2,872	2,401
81	94	7 494	17,739	48,050	2,709	2,238
82	95	5 350	11,754	30,311	2,579	2,108
83	96	3 718	7,579	18,558	2,448	1,978
84	97	2 485	4,703	10,978	2,334	1,864
85	98	1 626	2,854	6,276	2,199	1,728
86	99	1 009	1,644	3,421	2,081	1,611
87	100	594	0,899	1,777	1,978	1,507

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 359 931,063	13,657	13,186
1	15	99 213	92 076,952	1 260 354,577	13,688	13,217
2	16	99 173	85 420,282	1 168 277,625	13,677	13,206
3	17	99 144	79 252,815	1 082 857,343	13,663	13,193
4	18	99 117	73 532,259	1 003 604,528	13,648	13,178
5	19	99 085	68 221,585	930 072,269	13,633	13,162
6	20	99 057	63 296,510	861 850,684	13,616	13,145
7	21	99 028	58 726,892	798 554,174	13,598	13,127
8	22	99 003	54 489,304	739 827,282	13,577	13,107
9	23	98 978	50 557,250	685 337,977	13,556	13,085
10	24	98 949	46 906,928	634 780,727	13,533	13,062
11	25	98 924	43 522,383	587 873,799	13,507	13,037
12	26	98 897	40 380,865	544 351,416	13,480	13,010
13	27	98 870	37 466,213	503 970,551	13,451	12,981
14	28	98 839	34 760,508	466 504,338	13,421	12,950
15	29	98 802	32 248,391	431 743,831	13,388	12,917
16	30	98 762	29 916,659	399 495,440	13,354	12,883
17	31	98 707	27 749,487	369 578,781	13,318	12,848
18	32	98 647	25 737,815	341 829,294	13,281	12,811
19	33	98 575	23 869,160	316 091,478	13,243	12,772
20	34	98 498	22 135,219	292 222,319	13,202	12,731
21	35	98 416	20 525,836	270 087,100	13,158	12,688
22	36	98 332	19 033,317	249 561,264	13,112	12,641
23	37	98 242	17 648,086	230 527,947	13,062	12,592
24	38	98 151	16 363,679	212 879,861	13,009	12,539
25	39	98 046	15 170,477	196 516,183	12,954	12,483
26	40	97 941	14 064,172	181 345,705	12,894	12,423
27	41	97 828	13 037,557	167 281,533	12,831	12,360
28	42	97 702	12 084,210	154 243,976	12,764	12,293
29	43	97 570	11 199,966	142 159,766	12,693	12,222
30	44	97 427	10 379,099	130 959,800	12,618	12,147
31	45	97 271	9 617,205	120 580,701	12,538	12,067
32	46	97 096	8 909,419	110 963,496	12,455	11,984
33	47	96 905	8 252,318	102 054,077	12,367	11,896
34	48	96 697	7 642,354	93 801,759	12,274	11,803
35	49	96 465	7 075,625	86 159,405	12,177	11,706
36	50	96 205	6 548,991	79 083,780	12,076	11,605
37	51	95 930	6 060,590	72 534,790	11,968	11,498
38	52	95 628	5 606,995	66 474,200	11,856	11,385
39	53	95 293	5 185,483	60 867,205	11,738	11,267
40	54	94 929	4 794,122	55 681,722	11,615	11,144
41	55	94 525	4 430,336	50 887,599	11,486	11,016
42	56	94 087	4 092,629	46 457,263	11,351	10,881
43	57	93 606	3 778,879	42 364,634	11,211	10,740
44	58	93 080	3 487,359	38 585,755	11,064	10,594
45	59	92 503	3 216,467	35 098,397	10,912	10,441
46	60	91 868	2 964,629	31 881,929	10,754	10,283
47	61	91 173	2 730,584	28 917,300	10,590	10,119
48	62	90 438	2 513,742	26 186,716	10,417	9,947
49	63	89 638	2 312,306	23 672,974	10,238	9,767
50	64	88 768	2 125,152	21 360,668	10,051	9,581
51	65	87 811	1 951,039	19 235,516	9,859	9,388
52	66	86 771	1 789,266	17 284,477	9,660	9,189
53	67	85 632	1 638,782	15 495,211	9,455	8,985
54	68	84 379	1 498,657	13 856,429	9,246	8,775
55	69	83 052	1 368,983	12 357,773	9,027	8,556
56	70	81 619	1 248,600	10 988,789	8,801	8,330
57	71	80 074	1 136,856	9 740,190	8,568	8,097
58	72	78 406	1 033,110	8 603,333	8,328	7,857
59	73	76 624	937,011	7 570,224	8,079	7,608
60	74	74 740	848,232	6 633,213	7,820	7,349
61	75	72 723	765,985	5 784,981	7,552	7,082
62	76	70 553	689,673	5 018,996	7,277	6,807
63	77	68 176	618,505	4 329,323	7,000	6,529
64	78	65 640	552,665	3 710,818	6,714	6,244
65	79	62 885	491,384	3 158,153	6,427	5,956
66	80	59 880	434,249	2 666,769	6,141	5,670
67	81	56 639	381,202	2 232,519	5,857	5,386
68	82	53 171	332,123	1 851,317	5,574	5,104
69	83	49 550	287,243	1 519,194	5,289	4,818
70	84	45 709	245,918	1 231,950	5,010	4,539
71	85	41 681	208,119	986,032	4,738	4,267
72	86	37 524	173,887	777,914	4,474	4,003
73	87	33 294	143,187	604,027	4,218	3,748
74	88	29 078	116,062	460,839	3,971	3,500
75	89	24 943	92,398	344,777	3,731	3,261
76	90	20 940	71,989	252,380	3,506	3,035
77	91	17 171	54,785	180,390	3,293	2,822
78	92	13 708	40,590	125,606	3,095	2,624
79	93	10 622	29,190	85,016	2,913	2,442
80	94	7 961	20,303	55,827	2,750	2,279
81	95	5 732	13,567	35,524	2,618	2,148
82	96	4 018	8,826	21,957	2,488	2,017
83	97	2 716	5,537	13,130	2,372	1,901
84	98	1 797	3,400	7,594	2,234	1,763
85	99	1 130	1,985	4,194	2,113	1,642
86	100	675	1,101	2,209	2,007	1,537

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 358 916,544	13,648	13,178
1	16	99 201	92 065,433	1 259 350,508	13,679	13,208
2	17	99 159	85 408,229	1 167 285,075	13,667	13,196
3	18	99 130	79 241,211	1 081 876,846	13,653	13,182
4	19	99 097	73 517,285	1 002 635,634	13,638	13,167
5	20	99 066	68 208,417	929 118,350	13,622	13,151
6	21	99 038	63 284,789	860 909,933	13,604	13,133
7	22	99 012	58 717,169	797 625,144	13,584	13,114
8	23	98 986	54 479,875	738 907,974	13,563	13,092
9	24	98 957	50 546,280	684 428,099	13,541	13,070
10	25	98 932	46 898,974	633 881,819	13,516	13,045
11	26	98 906	43 514,268	586 982,844	13,489	13,019
12	27	98 878	40 373,008	543 468,577	13,461	12,991
13	28	98 848	37 458,029	503 095,569	13,431	12,960
14	29	98 814	34 751,838	465 637,540	13,399	12,928
15	30	98 777	32 240,046	430 885,701	13,365	12,894
16	31	98 733	29 907,776	398 645,656	13,329	12,859
17	32	98 676	27 740,630	368 737,880	13,292	12,822
18	33	98 612	25 728,883	340 997,250	13,253	12,783
19	34	98 540	23 860,661	315 268,367	13,213	12,742
20	35	98 460	22 126,561	291 407,706	13,170	12,699
21	36	98 376	20 517,574	269 281,145	13,124	12,654
22	37	98 286	19 024,393	248 763,570	13,076	12,605
23	38	98 196	17 639,964	229 739,177	13,024	12,553
24	39	98 094	16 354,095	212 099,213	12,969	12,499
25	40	97 988	15 161,440	195 745,118	12,911	12,440
26	41	97 874	14 054,627	180 583,678	12,849	12,378
27	42	97 753	13 027,611	166 529,051	12,783	12,312
28	43	97 621	12 074,182	153 501,440	12,713	12,243
29	44	97 483	11 189,887	141 427,258	12,639	12,168
30	45	97 327	10 368,512	130 237,371	12,561	12,090
31	46	97 163	9 606,511	119 868,859	12,478	12,007
32	47	96 973	8 898,106	110 262,348	12,392	11,921
33	48	96 766	8 240,488	101 364,242	12,301	11,830
34	49	96 543	7 630,130	93 123,754	12,205	11,734
35	50	96 290	7 062,807	85 493,624	12,105	11,634
36	51	96 015	6 536,085	78 430,816	12,000	11,529
37	52	95 718	6 047,203	71 894,731	11,889	11,418
38	53	95 394	5 593,228	65 847,528	11,773	11,302
39	54	95 033	5 171,311	60 254,300	11,652	11,181
40	55	94 644	4 779,694	55 082,989	11,524	11,054
41	56	94 211	4 415,656	50 303,296	11,392	10,921
42	57	93 746	4 077,818	45 887,639	11,253	10,782
43	58	93 233	3 763,793	41 809,821	11,108	10,638
44	59	92 670	3 471,978	38 046,028	10,958	10,487
45	60	92 056	3 200,932	34 574,051	10,801	10,331
46	61	91 373	2 948,647	31 373,119	10,640	10,169
47	62	90 663	2 715,307	28 424,472	10,468	9,998
48	63	89 888	2 498,467	25 709,166	10,290	9,819
49	64	89 048	2 297,080	23 210,699	10,104	9,634
50	65	88 121	2 109,666	20 913,618	9,913	9,443
51	66	87 107	1 935,407	18 803,953	9,716	9,245
52	67	86 013	1 773,636	16 868,546	9,511	9,040
53	68	84 802	1 622,895	15 094,910	9,301	8,831
54	69	83 517	1 483,348	13 472,015	9,082	8,612
55	70	82 124	1 353,689	11 988,667	8,856	8,386
56	71	80 625	1 233,387	10 634,978	8,623	8,152
57	72	79 002	1 121,633	9 401,591	8,382	7,911
58	73	77 276	1 018,223	8 279,958	8,132	7,661
59	74	75 438	922,503	7 261,734	7,872	7,401
60	75	73 461	833,720	6 339,231	7,604	7,133
61	76	71 337	751,379	5 505,511	7,327	6,857
62	77	69 013	674,620	4 754,132	7,047	6,576
63	78	66 509	603,382	4 079,512	6,761	6,290
64	79	63 795	537,135	3 476,130	6,472	6,001
65	80	60 814	475,206	2 938,995	6,185	5,714
66	81	57 580	417,571	2 463,789	5,900	5,430
67	82	54 143	364,405	2 046,218	5,615	5,145
68	83	50 494	315,404	1 681,813	5,332	4,862
69	84	46 672	270,560	1 366,409	5,050	4,580
70	85	42 636	229,387	1 095,849	4,777	4,307
71	86	38 462	192,048	866,462	4,512	4,041
72	87	34 188	158,427	674,414	4,257	3,786
73	88	29 925	128,698	515,987	4,009	3,539
74	89	25 739	102,735	387,289	3,770	3,299
75	90	21 678	80,301	284,554	3,544	3,073
76	91	17 842	61,339	204,253	3,330	2,859
77	92	14 297	45,617	142,913	3,133	2,662
78	93	11 137	32,977	97,296	2,950	2,480
79	94	8 400	23,083	64,320	2,786	2,316
80	95	6 088	15,528	41,236	2,656	2,185
81	96	4 304	10,188	25,708	2,523	2,053
82	97	2 935	6,448	15,520	2,407	1,936
83	98	1 963	4,003	9,072	2,266	1,796
84	99	1 249	2,364	5,069	2,145	1,674
85	100	757	1,329	2,705	2,036	1,566

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 357 825,792	13,639	13,168
1	17	99 187	92 052,443	1 258 272,212	13,669	13,198
2	18	99 145	85 395,724	1 166 219,770	13,657	13,186
3	19	99 109	79 225,074	1 080 824,046	13,642	13,172
4	20	99 077	73 503,094	1 001 598,971	13,627	13,156
5	21	99 048	68 195,787	928 095,877	13,609	13,139
6	22	99 022	63 274,312	859 900,090	13,590	13,119
7	23	98 994	58 707,009	796 625,778	13,570	13,099
8	24	98 965	54 468,054	737 918,770	13,548	13,077
9	25	98 940	50 537,709	683 450,716	13,524	13,053
10	26	98 913	46 890,230	632 913,007	13,498	13,027
11	27	98 887	43 505,801	586 022,777	13,470	12,999
12	28	98 856	40 364,189	542 516,976	13,441	12,970
13	29	98 824	37 448,687	502 152,787	13,409	12,938
14	30	98 789	34 742,845	464 704,100	13,376	12,905
15	31	98 747	32 230,473	429 961,254	13,340	12,870
16	32	98 701	29 898,229	397 730,782	13,303	12,832
17	33	98 641	27 731,002	367 832,553	13,264	12,794
18	34	98 577	25 719,722	340 101,550	13,223	12,753
19	35	98 501	23 851,329	314 381,828	13,181	12,710
20	36	98 420	22 117,656	290 530,499	13,136	12,665
21	37	98 330	20 507,955	268 412,843	13,088	12,618
22	38	98 241	19 015,638	247 904,888	13,037	12,566
23	39	98 139	17 629,633	228 889,251	12,983	12,513
24	40	98 035	16 344,353	211 259,618	12,926	12,455
25	41	97 921	15 151,150	194 915,265	12,865	12,394
26	42	97 800	14 043,905	179 764,115	12,800	12,329
27	43	97 672	13 016,801	165 720,210	12,731	12,261
28	44	97 533	12 063,317	152 703,409	12,658	12,188
29	45	97 383	11 178,472	140 640,093	12,581	12,111
30	46	97 219	10 356,983	129 461,620	12,500	12,029
31	47	97 040	9 594,314	119 104,637	12,414	11,943
32	48	96 834	8 885,350	109 510,324	12,325	11,854
33	49	96 611	8 227,307	100 624,973	12,231	11,760
34	50	96 368	7 616,308	92 397,667	12,132	11,661
35	51	96 100	7 048,889	84 781,358	12,028	11,557
36	52	95 803	6 521,648	77 732,469	11,919	11,448
37	53	95 483	6 032,356	71 210,821	11,805	11,334
38	54	95 133	5 577,941	65 178,466	11,685	11,214
39	55	94 747	5 155,747	59 600,525	11,560	11,089
40	56	94 330	4 763,857	54 444,778	11,429	10,958
41	57	93 871	4 399,677	49 680,921	11,292	10,821
42	58	93 372	4 061,539	45 281,244	11,149	10,678
43	59	92 822	3 747,192	41 219,706	11,000	10,529
44	60	92 222	3 455,208	37 472,514	10,845	10,375
45	61	91 560	3 183,675	34 017,306	10,685	10,214
46	62	90 862	2 932,149	30 833,630	10,516	10,045
47	63	90 112	2 698,807	27 901,481	10,338	9,868
48	64	89 296	2 482,016	25 202,675	10,154	9,683
49	65	88 399	2 280,341	22 720,659	9,964	9,493
50	66	87 415	2 092,763	20 440,318	9,767	9,296
51	67	86 346	1 918,500	18 347,556	9,563	9,093
52	68	85 179	1 756,442	16 429,055	9,354	8,883
53	69	83 936	1 606,317	14 672,613	9,134	8,664
54	70	82 584	1 466,776	13 066,296	8,908	8,438
55	71	81 123	1 337,196	11 599,521	8,675	8,204
56	72	79 545	1 216,872	10 262,324	8,433	7,963
57	73	77 863	1 105,471	9 045,453	8,182	7,712
58	74	76 080	1 002,458	7 939,981	7,921	7,450
59	75	74 147	906,721	6 937,523	7,651	7,181
60	76	72 060	817,823	6 030,802	7,374	6,904
61	77	69 780	734,980	5 212,979	7,093	6,622
62	78	67 325	658,125	4 478,000	6,804	6,334
63	79	64 640	586,426	3 819,875	6,514	6,043
64	80	61 695	519,451	3 233,449	6,225	5,754
65	81	58 478	456,955	2 713,998	5,939	5,469
66	82	55 043	399,172	2 257,043	5,654	5,184
67	83	51 417	346,061	1 857,872	5,369	4,898
68	84	47 561	297,084	1 511,811	5,089	4,618
69	85	43 535	252,372	1 214,727	4,813	4,343
70	86	39 344	211,674	962,354	4,546	4,076
71	87	35 043	174,973	750,681	4,290	3,820
72	88	30 729	142,396	575,708	4,043	3,572
73	89	26 489	113,921	433,312	3,804	3,333
74	90	22 370	89,285	319,391	3,577	3,107
75	91	18 471	68,422	230,106	3,363	2,892
76	92	14 857	51,075	161,684	3,166	2,695
77	93	11 616	37,061	110,609	2,984	2,514
78	94	8 807	26,078	73,548	2,820	2,350
79	95	6 424	17,655	47,470	2,689	2,218
80	96	4 572	11,661	29,815	2,557	2,086
81	97	3 144	7,443	18,154	2,439	1,969
82	98	2 122	4,661	10,711	2,298	1,827
83	99	1 365	2,783	6,050	2,174	1,703
84	100	836	1,582	3,267	2,064	1,594

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 356 654,982	13,629	13,159
1	18	99 172	92 038,964	1 257 115,449	13,659	13,188
2	19	99 125	85 378,334	1 165 076,485	13,646	13,175
3	20	99 090	79 209,782	1 079 698,151	13,631	13,160
4	21	99 059	73 489,484	1 000 488,369	13,614	13,143
5	22	99 031	68 184,497	926 998,885	13,595	13,125
6	23	99 005	63 263,362	858 814,389	13,575	13,105
7	24	98 973	58 694,270	795 551,026	13,554	13,083
8	25	98 948	54 458,818	736 856,756	13,531	13,060
9	26	98 921	50 528,286	682 397,938	13,505	13,035
10	27	98 894	46 881,106	631 869,653	13,478	13,007
11	28	98 865	43 496,298	584 988,547	13,449	12,978
12	29	98 831	40 354,123	541 492,249	13,419	12,948
13	30	98 798	37 438,996	501 138,126	13,385	12,915
14	31	98 759	34 732,529	463 699,130	13,351	12,880
15	32	98 716	32 220,185	428 966,601	13,314	12,843
16	33	98 667	29 887,853	396 746,416	13,275	12,804
17	34	98 606	27 721,129	366 858,563	13,234	12,763
18	35	98 539	25 709,663	339 137,434	13,191	12,720
19	36	98 461	23 841,729	313 427,771	13,146	12,676
20	37	98 374	22 107,286	289 586,042	13,099	12,628
21	38	98 285	20 498,517	267 478,756	13,049	12,578
22	39	98 183	19 004,501	246 980,239	12,996	12,525
23	40	98 080	17 619,131	227 975,738	12,939	12,468
24	41	97 969	16 333,260	210 356,607	12,879	12,408
25	42	97 847	15 139,592	194 023,347	12,816	12,345
26	43	97 718	14 032,251	178 883,755	12,748	12,277
27	44	97 584	13 005,086	164 851,504	12,676	12,205
28	45	97 433	12 051,011	151 846,418	12,600	12,130
29	46	97 275	11 166,043	139 795,406	12,520	12,049
30	47	97 096	10 343,832	128 629,364	12,435	11,965
31	48	96 901	9 580,560	118 285,532	12,346	11,876
32	49	96 679	8 871,138	108 704,972	12,254	11,783
33	50	96 436	8 212,403	99 833,834	12,156	11,686
34	51	96 178	7 601,299	91 621,431	12,053	11,583
35	52	95 888	7 033,320	84 020,132	11,946	11,475
36	53	95 568	6 505,635	76 986,812	11,834	11,363
37	54	95 222	6 015,868	70 481,177	11,716	11,245
38	55	94 847	5 561,154	64 465,309	11,592	11,121
39	56	94 433	5 138,664	58 904,155	11,463	10,992
40	57	93 989	4 746,617	53 765,491	11,327	10,856
41	58	93 496	4 382,112	49 018,875	11,186	10,715
42	59	92 960	4 043,625	44 636,763	11,039	10,568
43	60	92 373	3 729,093	40 593,138	10,886	10,415
44	61	91 725	3 436,581	36 864,044	10,727	10,256
45	62	91 048	3 165,862	33 427,463	10,559	10,088
46	63	90 310	2 914,331	30 261,601	10,384	9,913
47	64	89 519	2 681,037	27 347,270	10,200	9,730
48	65	88 646	2 463,929	24 666,233	10,011	9,540
49	66	87 691	2 262,070	22 202,305	9,815	9,344
50	67	86 651	2 074,481	19 940,234	9,612	9,141
51	68	85 509	1 899,902	17 865,753	9,404	8,933
52	69	84 309	1 738,500	15 965,851	9,184	8,713
53	70	82 998	1 588,371	14 227,351	8,957	8,487
54	71	81 578	1 448,905	12 638,980	8,723	8,252
55	72	80 037	1 319,291	11 190,075	8,482	8,011
56	73	78 399	1 199,337	9 870,784	8,230	7,760
57	74	76 658	1 088,356	8 671,447	7,967	7,497
58	75	74 778	985,308	7 583,091	7,696	7,225
59	76	72 733	889,432	6 597,783	7,418	6,947
60	77	70 487	799,973	5 708,352	7,136	6,665
61	78	68 073	717,008	4 908,379	6,846	6,375
62	79	65 434	639,631	4 191,371	6,553	6,082
63	80	62 512	567,119	3 551,739	6,263	5,792
64	81	59 325	499,500	2 984,620	5,975	5,505
65	82	55 902	436,820	2 485,120	5,689	5,218
66	83	52 272	379,077	2 048,300	5,403	4,933
67	84	48 431	325,961	1 669,224	5,121	4,650
68	85	44 364	277,114	1 343,263	4,847	4,377
69	86	40 173	232,884	1 066,149	4,578	4,107
70	87	35 846	192,854	833,265	4,321	3,850
71	88	31 497	157,268	640,411	4,072	3,601
72	89	27 200	126,045	483,143	3,833	3,362
73	90	23 021	99,006	357,098	3,607	3,136
74	91	19 060	76,077	258,092	3,393	2,922
75	92	15 380	56,972	182,015	3,195	2,724
76	93	12 070	41,496	125,043	3,013	2,543
77	94	9 186	29,308	83,547	2,851	2,380
78	95	6 736	19,945	54,239	2,719	2,249
79	96	4 824	13,258	34,294	2,587	2,116
80	97	3 340	8,519	21,036	2,469	1,999
81	98	2 273	5,381	12,517	2,326	1,856
82	99	1 475	3,241	7,137	2,202	1,731
83	100	914	1,863	3,896	2,091	1,620

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 355 399,556	13,619	13,148
1	19	99 152	92 020,221	1 255 874,597	13,648	13,177
2	20	99 106	85 361,854	1 163 854,376	13,634	13,164
3	21	99 072	79 195,115	1 078 492,522	13,618	13,148
4	22	99 043	73 477,317	999 297,407	13,600	13,129
5	23	99 014	68 172,697	925 820,090	13,581	13,110
6	24	98 983	63 249,635	857 647,393	13,560	13,089
7	25	98 956	58 684,317	794 397,757	13,537	13,066
8	26	98 929	54 448,663	735 713,440	13,512	13,041
9	27	98 902	50 518,454	681 264,777	13,485	13,015
10	28	98 873	46 870,866	630 746,323	13,457	12,986
11	29	98 840	43 485,450	583 875,457	13,427	12,956
12	30	98 806	40 343,680	540 390,006	13,395	12,924
13	31	98 769	37 427,879	500 046,327	13,360	12,890
14	32	98 728	34 721,443	462 618,447	13,324	12,853
15	33	98 682	32 209,003	427 897,005	13,285	12,814
16	34	98 632	29 877,212	395 688,002	13,244	12,773
17	35	98 568	27 710,287	365 810,790	13,201	12,731
18	36	98 499	25 699,315	338 100,503	13,156	12,685
19	37	98 415	23 830,551	312 401,188	13,109	12,639
20	38	98 329	22 097,112	288 570,637	13,059	12,589
21	39	98 227	20 486,511	266 473,525	13,007	12,537
22	40	98 125	18 993,180	245 987,014	12,951	12,481
23	41	98 014	17 607,173	226 993,834	12,892	12,421
24	42	97 894	16 320,800	209 386,661	12,829	12,359
25	43	97 765	15 127,029	193 065,861	12,763	12,292
26	44	97 631	14 019,623	177 938,832	12,692	12,221
27	45	97 485	12 991,821	163 919,209	12,617	12,146
28	46	97 325	12 037,611	150 927,388	12,538	12,067
29	47	97 151	11 151,865	138 889,777	12,454	11,984
30	48	96 956	10 329,004	127 737,913	12,367	11,896
31	49	96 746	9 565,235	117 408,909	12,275	11,804
32	50	96 504	8 855,068	107 843,674	12,179	11,708
33	51	96 246	8 196,220	98 988,606	12,077	11,607
34	52	95 965	7 584,509	90 792,386	11,971	11,500
35	53	95 653	7 016,051	83 207,877	11,860	11,389
36	54	95 307	6 487,855	76 191,826	11,744	11,273
37	55	94 935	5 997,763	69 703,972	11,622	11,151
38	56	94 532	5 542,727	63 706,209	11,494	11,023
39	57	94 091	5 120,068	58 163,482	11,360	10,889
40	58	93 613	4 727,667	53 043,414	11,220	10,749
41	59	93 083	4 362,784	48 315,747	11,075	10,604
42	60	92 511	4 024,094	43 952,963	10,922	10,452
43	61	91 875	3 708,990	39 928,869	10,765	10,295
44	62	91 212	3 417,353	36 219,879	10,599	10,128
45	63	90 495	3 146,625	32 802,526	10,425	9,954
46	64	89 715	2 895,142	29 655,901	10,243	9,773
47	65	88 867	2 661,499	26 760,759	10,055	9,584
48	66	87 935	2 444,187	24 099,260	9,860	9,389
49	67	86 925	2 242,310	21 655,073	9,657	9,187
50	68	85 811	2 054,371	19 412,763	9,449	8,979
51	69	84 636	1 880,494	17 358,392	9,231	8,760
52	70	83 367	1 719,077	15 477,898	9,004	8,533
53	71	81 987	1 569,019	13 758,821	8,769	8,298
54	72	80 486	1 429,504	12 189,802	8,527	8,057
55	73	78 884	1 300,281	10 760,298	8,275	7,805
56	74	77 185	1 180,768	9 460,017	8,012	7,541
57	75	75 346	1 069,736	8 279,249	7,740	7,269
58	76	73 352	966,521	7 209,513	7,459	6,989
59	77	71 146	870,019	6 242,993	7,176	6,705
60	78	68 764	780,412	5 372,974	6,885	6,414
61	79	66 161	696,860	4 592,562	6,590	6,120
62	80	63 279	618,572	3 895,702	6,298	5,827
63	81	60 111	545,337	3 277,129	6,009	5,539
64	82	56 711	477,491	2 731,792	5,721	5,250
65	83	53 088	414,830	2 254,301	5,434	4,964
66	84	49 236	357,059	1 839,472	5,152	4,681
67	85	45 175	304,049	1 482,412	4,876	4,405
68	86	40 938	255,715	1 178,363	4,608	4,137
69	87	36 601	212,179	922,648	4,348	3,878
70	88	32 219	173,339	710,469	4,099	3,628
71	89	27 880	139,209	537,130	3,858	3,388
72	90	23 639	109,544	397,921	3,633	3,162
73	91	19 615	84,360	288,377	3,418	2,948
74	92	15 871	63,346	204,018	3,221	2,750
75	93	12 495	46,287	140,671	3,039	2,568
76	94	9 545	32,815	94,385	2,876	2,406
77	95	7 026	22,416	61,570	2,747	2,276
78	96	5 058	14,978	39,154	2,614	2,143
79	97	3 524	9,685	24,176	2,496	2,026
80	98	2 415	6,159	14,491	2,353	1,882
81	99	1 580	3,741	8,332	2,227	1,757
82	100	988	2,170	4,591	2,116	1,645

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 354 053,445	13,608	13,137
1	20	99 133	92 002,459	1 254 548,754	13,636	13,165
2	21	99 087	85 346,047	1 162 546,295	13,622	13,151
3	22	99 055	79 182,004	1 077 200,248	13,604	13,133
4	23	99 026	73 464,602	998 018,244	13,585	13,114
5	24	98 993	68 157,905	924 553,642	13,565	13,094
6	25	98 966	63 238,910	856 395,737	13,542	13,072
7	26	98 938	58 673,375	793 156,827	13,518	13,048
8	27	98 910	54 438,069	734 483,452	13,492	13,021
9	28	98 881	50 507,420	680 045,383	13,464	12,994
10	29	98 848	46 859,177	629 537,963	13,435	12,964
11	30	98 815	43 474,197	582 678,787	13,403	12,932
12	31	98 777	40 331,700	539 204,590	13,369	12,899
13	32	98 737	37 415,933	498 872,889	13,333	12,863
14	33	98 694	34 709,393	461 456,957	13,295	12,824
15	34	98 647	32 197,535	426 747,564	13,254	12,783
16	35	98 593	29 865,526	394 550,029	13,211	12,740
17	36	98 528	27 699,134	364 684,503	13,166	12,695
18	37	98 453	25 687,266	336 985,369	13,119	12,648
19	38	98 370	23 819,584	311 298,103	13,069	12,598
20	39	98 271	22 084,170	287 478,519	13,017	12,547
21	40	98 168	20 474,308	265 394,349	12,962	12,492
22	41	98 058	18 980,289	244 920,042	12,904	12,433
23	42	97 939	17 593,741	225 939,752	12,842	12,371
24	43	97 813	16 307,257	208 346,011	12,776	12,306
25	44	97 678	15 113,416	192 038,754	12,707	12,236
26	45	97 531	14 005,323	176 925,339	12,633	12,162
27	46	97 376	12 977,374	162 920,016	12,554	12,083
28	47	97 201	12 022,327	149 942,642	12,472	12,001
29	48	97 012	11 135,878	137 920,315	12,385	11,915
30	49	96 801	10 312,482	126 784,437	12,294	11,824
31	50	96 570	9 547,908	116 471,955	12,199	11,728
32	51	96 314	8 837,618	106 924,047	12,099	11,628
33	52	96 034	8 178,116	98 086,430	11,994	11,523
34	53	95 730	7 565,887	89 908,314	11,883	11,413
35	54	95 391	6 996,875	82 342,427	11,768	11,298
36	55	95 020	6 468,329	75 345,552	11,648	11,178
37	56	94 621	5 977,890	68 877,223	11,522	11,051
38	57	94 190	5 522,669	62 899,334	11,389	10,919
39	58	93 716	5 099,627	57 376,665	11,251	10,780
40	59	93 201	4 706,815	52 277,038	11,107	10,636
41	60	92 634	4 341,712	47 570,223	10,957	10,486
42	61	92 012	4 002,400	43 228,511	10,801	10,330
43	62	91 361	3 688,238	39 226,110	10,635	10,165
44	63	90 657	3 396,587	35 537,873	10,463	9,992
45	64	89 899	3 125,906	32 141,286	10,282	9,812
46	65	89 061	2 874,044	29 015,380	10,096	9,625
47	66	88 155	2 640,175	26 141,336	9,901	9,431
48	67	87 167	2 422,836	23 501,161	9,700	9,229
49	68	86 082	2 220,572	21 078,325	9,492	9,022
50	69	84 934	2 033,386	18 857,753	9,274	8,803
51	70	83 690	1 859,485	16 824,367	9,048	8,577
52	71	82 351	1 698,133	14 964,882	8,813	8,342
53	72	80 889	1 548,009	13 266,749	8,570	8,100
54	73	79 326	1 408,906	11 718,740	8,318	7,847
55	74	77 662	1 280,149	10 309,834	8,054	7,583
56	75	75 864	1 160,567	9 029,685	7,780	7,310
57	76	73 910	1 049,338	7 869,118	7,499	7,028
58	77	71 751	945,425	6 819,780	7,213	6,743
59	78	69 406	848,745	5 874,355	6,921	6,451
60	79	66 832	758,482	5 025,609	6,626	6,155
61	80	63 982	673,917	4 267,127	6,332	5,861
62	81	60 849	594,814	3 593,210	6,041	5,570
63	82	57 462	521,309	2 998,396	5,752	5,281
64	83	53 856	453,453	2 477,087	5,463	4,992
65	84	50 004	390,736	2 023,634	5,179	4,708
66	85	45 926	333,057	1 632,899	4,903	4,432
67	86	41 687	280,570	1 299,841	4,633	4,162
68	87	37 299	232,980	1 019,271	4,375	3,904
69	88	32 897	190,708	786,291	4,123	3,652
70	89	28 519	153,436	595,583	3,882	3,411
71	90	24 230	120,984	442,147	3,655	3,184
72	91	20 142	93,338	321,163	3,441	2,970
73	92	16 333	70,243	227,825	3,243	2,773
74	93	12 894	51,465	157,581	3,062	2,591
75	94	9 881	36,604	106,116	2,899	2,428
76	95	7 300	25,098	69,513	2,770	2,299
77	96	5 276	16,833	44,415	2,639	2,168
78	97	3 695	10,942	27,582	2,521	2,050
79	98	2 548	7,002	16,640	2,377	1,906
80	99	1 679	4,282	9,638	2,251	1,780
81	100	1 058	2,505	5,356	2,139	1,668

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 352 615,711	13,596	13,125
1	21	99 114	91 985,423	1 253 130,227	13,623	13,152
2	22	99 071	85 331,918	1 161 144,804	13,607	13,137
3	23	99 038	79 168,301	1 075 812,886	13,589	13,118
4	24	99 004	73 448,661	996 644,585	13,569	13,099
5	25	98 976	68 146,347	923 195,923	13,547	13,077
6	26	98 948	63 227,118	855 049,576	13,523	13,053
7	27	98 918	58 661,959	791 822,458	13,498	13,027
8	28	98 889	54 426,178	733 160,499	13,471	13,000
9	29	98 856	50 494,823	678 734,320	13,442	12,971
10	30	98 822	46 847,050	628 239,497	13,410	12,940
11	31	98 785	43 461,288	581 392,447	13,377	12,907
12	32	98 745	40 318,827	537 931,159	13,342	12,871
13	33	98 703	37 402,947	497 612,332	13,304	12,833
14	34	98 658	34 697,034	460 209,384	13,264	12,793
15	35	98 608	32 184,942	425 512,350	13,221	12,750
16	36	98 553	29 853,506	393 327,408	13,175	12,705
17	37	98 482	27 686,147	363 473,902	13,128	12,658
18	38	98 408	25 675,444	335 787,755	13,078	12,608
19	39	98 312	23 805,634	310 112,311	13,027	12,556
20	40	98 213	22 071,015	286 306,677	12,972	12,501
21	41	98 102	20 460,412	264 235,663	12,914	12,444
22	42	97 983	18 965,810	243 775,251	12,853	12,383
23	43	97 858	17 579,142	224 809,441	12,788	12,318
24	44	97 725	16 292,581	207 230,299	12,719	12,249
25	45	97 578	15 097,999	190 937,718	12,647	12,176
26	46	97 422	13 989,749	175 839,719	12,569	12,099
27	47	97 253	12 960,896	161 849,969	12,488	12,017
28	48	97 062	12 005,092	148 889,073	12,402	11,931
29	49	96 857	11 118,065	136 883,981	12,312	11,841
30	50	96 626	10 293,801	125 765,915	12,218	11,747
31	51	96 380	9 529,092	115 472,114	12,118	11,647
32	52	96 101	8 818,097	105 943,022	12,014	11,544
33	53	95 798	8 158,036	97 124,925	11,905	11,435
34	54	95 468	7 545,209	88 966,888	11,791	11,321
35	55	95 104	6 975,817	81 421,680	11,672	11,201
36	56	94 705	6 446,896	74 445,863	11,548	11,077
37	57	94 279	5 956,256	67 998,967	11,416	10,946
38	58	93 814	5 500,621	62 042,710	11,279	10,809
39	59	93 302	5 077,135	56 542,089	11,137	10,666
40	60	92 750	4 684,081	51 464,955	10,987	10,517
41	61	92 134	4 318,306	46 780,873	10,833	10,362
42	62	91 498	3 980,006	42 462,567	10,669	10,198
43	63	90 806	3 665,826	38 482,561	10,498	10,027
44	64	90 060	3 374,222	34 816,736	10,318	9,848
45	65	89 244	3 103,126	31 442,513	10,133	9,662
46	66	88 348	2 851,017	28 339,387	9,940	9,469
47	67	87 384	2 617,111	25 488,370	9,739	9,268
48	68	86 322	2 399,348	22 871,259	9,532	9,062
49	69	85 203	2 197,890	20 471,910	9,314	8,844
50	70	83 986	2 010,668	18 274,021	9,089	8,618
51	71	82 670	1 836,830	16 263,353	8,854	8,383
52	72	81 249	1 675,394	14 426,522	8,611	8,140
53	73	79 723	1 525,704	12 751,128	8,358	7,887
54	74	78 098	1 387,092	11 225,425	8,093	7,622
55	75	76 334	1 258,247	9 838,333	7,819	7,348
56	76	74 418	1 138,438	8 580,085	7,537	7,066
57	77	72 296	1 026,435	7 441,647	7,250	6,779
58	78	69 997	922,308	6 415,212	6,956	6,485
59	79	67 456	824,895	5 492,904	6,659	6,188
60	80	64 631	733,511	4 668,009	6,364	5,893
61	81	61 525	648,033	3 934,498	6,071	5,601
62	82	58 168	568,605	3 286,465	5,780	5,309
63	83	54 570	495,065	2 717,860	5,490	5,019
64	84	50 728	427,115	2 222,795	5,204	4,734
65	85	46 643	364,470	1 795,679	4,927	4,456
66	86	42 380	307,338	1 431,209	4,657	4,186
67	87	37 981	255,625	1 123,871	4,397	3,926
68	88	33 524	209,405	868,245	4,146	3,676
69	89	29 120	168,810	658,841	3,903	3,432
70	90	24 785	133,348	490,030	3,675	3,204
71	91	20 646	103,086	356,682	3,460	2,989
72	92	16 772	77,719	253,596	3,263	2,792
73	93	13 270	57,069	175,877	3,082	2,611
74	94	10 197	40,699	118,808	2,919	2,449
75	95	7 558	27,995	78,109	2,790	2,319
76	96	5 482	18,847	50,114	2,659	2,188
77	97	3 854	12,297	31,267	2,543	2,072
78	98	2 671	7,910	18,970	2,398	1,927
79	99	1 771	4,868	11,059	2,272	1,801
80	100	1 124	2,867	6,191	2,160	1,689

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 351 078,070	13,583	13,113
1	22	99 098	91 970,194	1 251 611,008	13,609	13,138
2	23	99 054	85 317,151	1 159 640,813	13,592	13,121
3	24	99 017	79 151,123	1 074 323,662	13,573	13,102
4	25	98 987	73 436,207	995 172,539	13,552	13,081
5	26	98 957	68 133,641	921 736,332	13,528	13,058
6	27	98 929	63 214,816	853 602,691	13,503	13,033
7	28	98 897	58 649,145	790 387,875	13,477	13,006
8	29	98 864	54 412,605	731 738,730	13,448	12,977
9	30	98 830	50 481,756	677 326,125	13,417	12,947
10	31	98 793	46 833,140	626 844,369	13,385	12,914
11	32	98 754	43 447,416	580 011,229	13,350	12,879
12	33	98 711	40 304,834	536 563,813	13,313	12,842
13	34	98 668	37 389,630	496 258,979	13,273	12,802
14	35	98 620	34 683,464	458 869,349	13,230	12,760
15	36	98 568	32 171,988	424 185,885	13,185	12,714
16	37	98 507	29 839,509	392 013,897	13,137	12,667
17	38	98 437	27 673,405	362 174,388	13,087	12,617
18	39	98 350	25 660,407	334 500,983	13,036	12,565
19	40	98 254	23 791,453	308 840,575	12,981	12,510
20	41	98 146	22 056,035	285 049,123	12,924	12,453
21	42	98 027	20 444,803	262 993,088	12,864	12,393
22	43	97 902	18 950,072	242 548,285	12,799	12,329
23	44	97 770	17 563,322	223 598,213	12,731	12,260
24	45	97 625	16 275,962	206 034,891	12,659	12,188
25	46	97 469	15 081,211	189 758,929	12,582	12,112
26	47	97 299	13 971,986	174 677,718	12,502	12,031
27	48	97 113	12 942,316	160 705,732	12,417	11,946
28	49	96 907	11 985,889	147 763,415	12,328	11,857
29	50	96 681	11 097,926	135 777,526	12,234	11,764
30	51	96 436	10 273,516	124 679,601	12,136	11,665
31	52	96 167	9 508,045	114 406,085	12,033	11,562
32	53	95 865	8 796,446	104 898,040	11,925	11,454
33	54	95 536	8 135,739	96 101,594	11,812	11,342
34	55	95 181	7 522,500	87 965,855	11,694	11,223
35	56	94 789	6 952,703	80 443,355	11,570	11,099
36	57	94 362	6 423,566	73 490,652	11,441	10,970
37	58	93 902	5 932,477	67 067,086	11,305	10,834
38	59	93 400	5 476,360	61 134,608	11,163	10,693
39	60	92 852	5 052,612	55 658,248	11,016	10,545
40	61	92 250	4 658,829	50 605,636	10,862	10,392
41	62	91 619	4 294,145	45 946,807	10,700	10,229
42	63	90 942	3 955,821	41 652,663	10,529	10,059
43	64	90 208	3 641,688	37 696,841	10,351	9,881
44	65	89 404	3 349,633	34 055,153	10,167	9,696
45	66	88 529	3 078,264	30 705,520	9,975	9,504
46	67	87 576	2 826,112	27 627,256	9,776	9,305
47	68	86 537	2 591,740	24 801,144	9,569	9,099
48	69	85 440	2 374,839	22 209,404	9,352	8,881
49	70	84 251	2 173,334	19 834,565	9,126	8,656
50	71	82 962	1 986,171	17 661,230	8,892	8,421
51	72	81 563	1 812,234	15 675,059	8,650	8,179
52	73	80 078	1 651,253	13 862,825	8,395	7,925
53	74	78 489	1 502,081	12 211,572	8,130	7,659
54	75	76 762	1 363,361	10 709,490	7,855	7,385
55	76	74 878	1 234,256	9 346,129	7,572	7,102
56	77	72 794	1 113,590	8 111,874	7,284	6,814
57	78	70 529	1 001,337	6 998,283	6,989	6,518
58	79	68 030	896,391	5 996,946	6,690	6,219
59	80	65 235	797,737	5 100,555	6,394	5,923
60	81	62 149	705,338	4 302,818	6,100	5,630
61	82	58 814	619,479	3 597,480	5,807	5,337
62	83	55 239	539,981	2 978,001	5,515	5,044
63	84	51 400	466,311	2 438,020	5,228	4,758
64	85	47 318	398,404	1 971,710	4,949	4,478
65	86	43 041	336,325	1 573,305	4,678	4,207
66	87	38 612	280,013	1 236,980	4,418	3,947
67	88	34 137	229,759	956,967	4,165	3,694
68	89	29 675	185,360	727,208	3,923	3,453
69	90	25 308	146,710	541,848	3,693	3,223
70	91	21 119	113,621	395,138	3,478	3,007
71	92	17 191	85,836	281,517	3,280	2,809
72	93	13 626	63,142	195,681	3,099	2,628
73	94	10 494	45,130	132,538	2,937	2,466
74	95	7 799	31,128	87,409	2,808	2,337
75	96	5 675	21,024	56,281	2,677	2,206
76	97	4 005	13,768	35,257	2,561	2,090
77	98	2 786	8,890	21,489	2,417	1,947
78	99	1 857	5,500	12,599	2,291	1,820
79	100	1 186	3,259	7,099	2,178	1,708

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 349 431,907	13,569	13,098
1	23	99 081	91 954,279	1 249 981,311	13,594	13,123
2	24	99 032	85 298,639	1 158 027,032	13,576	13,105
3	25	99 000	79 137,701	1 072 728,393	13,555	13,085
4	26	98 969	73 422,514	993 590,692	13,533	13,062
5	27	98 938	68 120,384	920 168,178	13,508	13,037
6	28	98 907	63 201,008	852 047,794	13,482	13,011
7	29	98 872	58 634,519	788 846,786	13,454	12,983
8	30	98 838	54 398,524	730 212,267	13,423	12,953
9	31	98 801	50 466,766	675 813,744	13,391	12,921
10	32	98 761	46 818,191	625 346,977	13,357	12,886
11	33	98 720	43 432,337	578 528,786	13,320	12,850
12	34	98 676	40 290,484	535 096,449	13,281	12,810
13	35	98 629	37 375,007	494 805,965	13,239	12,768
14	36	98 580	34 669,504	457 430,959	13,194	12,723
15	37	98 522	32 156,904	422 761,454	13,147	12,676
16	38	98 462	29 825,776	390 604,550	13,096	12,626
17	39	98 379	27 657,198	360 778,774	13,045	12,574
18	40	98 291	25 645,121	333 121,575	12,990	12,519
19	41	98 187	23 775,305	307 476,454	12,933	12,462
20	42	98 071	22 039,209	283 701,149	12,873	12,402
21	43	97 946	20 427,838	261 661,939	12,809	12,338
22	44	97 814	18 933,018	241 234,102	12,741	12,271
23	45	97 670	17 545,406	222 301,083	12,670	12,199
24	46	97 517	16 257,864	204 755,677	12,594	12,124
25	47	97 346	15 062,062	188 497,813	12,515	12,044
26	48	97 159	13 951,957	173 435,751	12,431	11,960
27	49	96 958	12 921,614	159 483,794	12,342	11,872
28	50	96 731	11 964,177	146 562,180	12,250	11,779
29	51	96 491	11 076,055	134 598,003	12,152	11,681
30	52	96 223	10 250,824	123 521,948	12,050	11,579
31	53	95 931	9 484,699	113 271,124	11,943	11,472
32	54	95 603	8 772,404	103 786,424	11,831	11,360
33	55	95 249	8 111,254	95 014,020	11,714	11,243
34	56	94 866	7 497,575	86 902,767	11,591	11,120
35	57	94 446	6 927,542	79 405,191	11,462	10,992
36	58	93 986	6 397,921	72 477,649	11,328	10,858
37	59	93 488	5 906,312	66 079,728	11,188	10,717
38	60	92 949	5 449,909	60 173,416	11,041	10,571
39	61	92 351	5 025,373	54 723,507	10,889	10,419
40	62	91 734	4 632,763	49 698,134	10,728	10,257
41	63	91 062	4 268,051	45 065,371	10,559	10,088
42	64	90 343	3 929,775	40 797,321	10,382	9,911
43	65	89 551	3 615,150	36 867,546	10,198	9,727
44	66	88 688	3 322,795	33 252,396	10,007	9,537
45	67	87 755	3 051,374	29 929,601	9,809	9,338
46	68	86 727	2 798,715	26 878,227	9,604	9,133
47	69	85 653	2 565,266	24 079,513	9,387	8,916
48	70	84 486	2 348,307	21 514,246	9,162	8,691
49	71	83 224	2 146,855	19 165,939	8,927	8,457
50	72	81 851	1 959,576	17 019,084	8,685	8,214
51	73	80 388	1 786,121	15 059,508	8,431	7,961
52	74	78 838	1 625,687	13 273,387	8,165	7,694
53	75	77 146	1 476,383	11 647,700	7,889	7,419
54	76	75 298	1 337,365	10 171,317	7,605	7,135
55	77	73 244	1 207,317	8 833,951	7,317	6,846
56	78	71 014	1 086,361	7 626,635	7,020	6,550
57	79	68 547	973,199	6 540,274	6,720	6,250
58	80	65 790	866,879	5 567,074	6,422	5,951
59	81	62 729	767,098	4 700,196	6,127	5,657
60	82	59 411	674,259	3 933,098	5,833	5,363
61	83	55 853	588,294	3 258,839	5,539	5,069
62	84	52 031	508,618	2 670,546	5,251	4,780
63	85	47 945	434,965	2 161,928	4,970	4,500
64	86	43 664	367,639	1 726,963	4,697	4,227
65	87	39 214	306,423	1 359,324	4,436	3,965
66	88	34 705	251,679	1 052,901	4,184	3,713
67	89	30 218	203,377	801,222	3,940	3,469
68	90	25 790	161,093	597,845	3,711	3,241
69	91	21 564	125,006	436,752	3,494	3,023
70	92	17 585	94,608	311,746	3,295	2,824
71	93	13 967	69,737	217,138	3,114	2,643
72	94	10 775	49,933	147,401	2,952	2,481
73	95	8 026	34,517	97,468	2,824	2,353
74	96	5 857	23,376	62,951	2,693	2,222
75	97	4 146	15,358	39,576	2,577	2,106
76	98	2 895	9,954	24,217	2,433	1,962
77	99	1 937	6,181	14,264	2,308	1,837
78	100	1 243	3,682	8,083	2,195	1,725

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 347 666,677	13,553	13,083
1	24	99 059	91 934,327	1 248 233,291	13,577	13,107
2	25	99 015	85 284,175	1 156 298,964	13,558	13,088
3	26	98 982	79 122,945	1 071 014,790	13,536	13,065
4	27	98 950	73 408,228	991 891,844	13,512	13,041
5	28	98 916	68 105,504	918 483,617	13,486	13,016
6	29	98 882	63 185,246	850 378,112	13,458	12,988
7	30	98 847	58 619,345	787 192,866	13,429	12,958
8	31	98 809	54 382,371	728 573,521	13,397	12,927
9	32	98 769	50 450,658	674 191,150	13,363	12,893
10	33	98 727	46 801,943	623 740,492	13,327	12,857
11	34	98 684	43 416,873	576 938,549	13,288	12,818
12	35	98 637	40 274,725	533 521,676	13,247	12,776
13	36	98 590	37 359,964	493 246,950	13,203	12,732
14	37	98 534	34 653,250	455 886,987	13,156	12,685
15	38	98 477	32 142,105	421 233,737	13,105	12,635
16	39	98 404	29 808,308	389 091,632	13,053	12,582
17	40	98 320	27 640,723	359 283,323	12,998	12,528
18	41	98 225	25 627,716	331 642,601	12,941	12,470
19	42	98 112	23 757,168	306 014,885	12,881	12,410
20	43	97 990	22 020,921	282 257,717	12,818	12,347
21	44	97 858	20 409,454	260 236,796	12,751	12,280
22	45	97 714	18 913,706	239 827,342	12,680	12,209
23	46	97 561	17 525,897	220 913,636	12,605	12,134
24	47	97 393	16 237,221	203 387,739	12,526	12,055
25	48	97 206	15 040,470	187 150,518	12,443	11,972
26	49	97 004	13 929,640	172 110,048	12,356	11,885
27	50	96 782	12 898,207	158 180,409	12,264	11,793
28	51	96 541	11 940,600	145 282,201	12,167	11,696
29	52	96 278	11 051,591	133 341,602	12,065	11,595
30	53	95 986	10 225,655	122 290,011	11,959	11,488
31	54	95 669	9 458,776	112 064,356	11,848	11,377
32	55	95 315	8 746,002	102 605,580	11,732	11,261
33	56	94 933	8 084,378	93 859,577	11,610	11,139
34	57	94 522	7 470,442	85 775,199	11,482	11,011
35	58	94 069	6 899,885	78 304,757	11,349	10,878
36	59	93 571	6 369,703	71 404,872	11,210	10,739
37	60	93 036	5 877,784	65 035,169	11,065	10,594
38	61	92 448	5 420,529	59 157,384	10,914	10,443
39	62	91 834	4 997,256	53 736,856	10,753	10,283
40	63	91 177	4 604,611	48 739,600	10,585	10,114
41	64	90 463	4 239,948	44 134,989	10,409	9,939
42	65	89 684	3 901,137	39 895,041	10,227	9,756
43	66	88 833	3 586,185	35 993,904	10,037	9,566
44	67	87 913	3 293,769	32 407,719	9,839	9,368
45	68	86 904	3 021,792	29 113,950	9,635	9,164
46	69	85 841	2 770,126	26 092,158	9,419	8,948
47	70	84 696	2 536,606	23 322,031	9,194	8,724
48	71	83 457	2 319,697	20 785,425	8,960	8,490
49	72	82 110	2 118,108	18 465,728	8,718	8,247
50	73	80 672	1 931,340	16 347,620	8,464	7,994
51	74	79 144	1 758,467	14 416,280	8,198	7,728
52	75	77 489	1 597,874	12 657,813	7,922	7,451
53	76	75 675	1 448,232	11 059,939	7,637	7,166
54	77	73 654	1 308,176	9 611,707	7,347	6,877
55	78	71 453	1 177,796	8 303,531	7,050	6,579
56	79	69 018	1 055,834	7 125,736	6,749	6,278
57	80	66 290	941,158	6 069,902	6,449	5,979
58	81	63 263	833,584	5 128,743	6,153	5,682
59	82	59 965	733,297	4 295,160	5,857	5,387
60	83	56 420	640,316	3 561,862	5,563	5,092
61	84	52 609	554,124	2 921,547	5,272	4,802
62	85	48 533	474,428	2 367,422	4,990	4,519
63	86	44 243	401,376	1 892,994	4,716	4,246
64	87	39 782	334,953	1 491,618	4,453	3,983
65	88	35 246	275,416	1 156,665	4,200	3,729
66	89	30 720	222,780	881,249	3,956	3,485
67	90	26 261	176,751	658,469	3,725	3,255
68	91	21 975	137,261	481,718	3,509	3,039
69	92	17 955	104,088	344,457	3,309	2,839
70	93	14 287	76,864	240,368	3,127	2,657
71	94	11 045	55,148	163,505	2,965	2,494
72	95	8 241	38,190	108,357	2,837	2,367
73	96	6 027	25,921	70,166	2,707	2,236
74	97	4 278	17,076	44,246	2,591	2,120
75	98	2 997	11,103	27,169	2,447	1,976
76	99	2 013	6,921	16,066	2,322	1,851
77	100	1 297	4,138	9,146	2,210	1,740

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 345 773,926	13,537	13,067
1	25	99 042	91 918,737	1 246 362,116	13,559	13,089
2	26	98 997	85 268,273	1 154 443,379	13,539	13,068
3	27	98 962	79 107,550	1 069 175,106	13,515	13,045
4	28	98 928	73 392,193	990 067,556	13,490	13,019
5	29	98 892	68 088,519	916 675,363	13,463	12,992
6	30	98 857	63 168,895	848 586,844	13,434	12,963
7	31	98 817	58 601,939	785 417,948	13,403	12,932
8	32	98 777	54 365,013	726 816,009	13,369	12,899
9	33	98 735	50 433,149	672 450,997	13,334	12,863
10	34	98 692	46 785,279	622 017,848	13,295	12,824
11	35	98 646	43 399,892	575 232,569	13,254	12,784
12	36	98 597	40 258,516	531 832,676	13,210	12,740
13	37	98 543	37 342,448	491 574,161	13,164	12,693
14	38	98 489	34 637,301	454 231,713	13,114	12,643
15	39	98 419	32 123,281	419 594,412	13,062	12,591
16	40	98 346	29 790,552	387 471,131	13,007	12,536
17	41	98 254	27 621,963	357 680,579	12,949	12,478
18	42	98 150	25 608,166	330 058,617	12,889	12,418
19	43	98 031	23 737,454	304 450,451	12,826	12,355
20	44	97 902	22 001,104	280 712,997	12,759	12,288
21	45	97 758	20 388,636	258 711,893	12,689	12,218
22	46	97 605	18 892,674	238 323,257	12,615	12,144
23	47	97 437	17 503,643	219 430,583	12,536	12,066
24	48	97 253	16 213,944	201 926,940	12,454	11,983
25	49	97 051	15 016,412	185 712,995	12,367	11,897
26	50	96 828	13 904,407	170 696,584	12,276	11,806
27	51	96 592	12 872,789	156 792,177	12,180	11,709
28	52	96 327	11 914,226	143 919,388	12,080	11,609
29	53	96 041	11 024,456	132 005,162	11,974	11,503
30	54	95 724	10 197,707	120 980,706	11,864	11,393
31	55	95 381	9 430,309	110 783,000	11,748	11,277
32	56	94 999	8 717,024	101 352,691	11,627	11,156
33	57	94 589	8 055,121	92 635,667	11,500	11,030
34	58	94 145	7 440,618	84 580,546	11,367	10,897
35	59	93 654	6 869,453	77 139,928	11,229	10,759
36	60	93 119	6 338,937	70 270,474	11,086	10,615
37	61	92 535	5 846,097	63 931,537	10,936	10,465
38	62	91 931	5 390,200	58 085,440	10,776	10,305
39	63	91 276	4 966,889	52 695,240	10,609	10,139
40	64	90 576	4 574,292	47 728,351	10,434	9,963
41	65	89 803	4 209,050	43 154,058	10,253	9,782
42	66	88 966	3 869,880	38 945,008	10,064	9,593
43	67	88 057	3 554,858	35 075,128	9,867	9,396
44	68	87 061	3 261,838	31 520,270	9,663	9,193
45	69	86 017	2 990,925	28 258,432	9,448	8,977
46	70	84 882	2 739,178	25 267,506	9,224	8,754
47	71	83 665	2 505,702	22 528,329	8,991	8,520
48	72	82 339	2 288,635	20 022,627	8,749	8,278
49	73	80 927	2 087,588	17 733,992	8,495	8,024
50	74	79 423	1 901,437	15 646,404	8,229	7,758
51	75	77 790	1 728,383	13 744,967	7,953	7,482
52	76	76 012	1 567,407	12 016,584	7,667	7,196
53	77	74 024	1 416,623	10 449,178	7,376	6,905
54	78	71 853	1 276,188	9 032,555	7,078	6,607
55	79	69 445	1 144,699	7 756,367	6,776	6,305
56	80	66 746	1 021,073	6 611,667	6,475	6,005
57	81	63 744	905,010	5 590,595	6,177	5,707
58	82	60 476	796,854	4 685,584	5,880	5,409
59	83	56 946	696,382	3 888,731	5,584	5,114
60	84	53 143	603,125	3 192,349	5,293	4,822
61	85	49 073	516,876	2 589,224	5,009	4,539
62	86	44 786	437,792	2 072,348	4,734	4,263
63	87	40 309	365,691	1 634,556	4,470	3,999
64	88	35 757	301,059	1 268,865	4,215	3,744
65	89	31 199	243,792	967,806	3,970	3,499
66	90	26 698	193,614	724,014	3,739	3,269
67	91	22 376	150,603	530,401	3,522	3,051
68	92	18 298	114,293	379,798	3,323	2,852
69	93	14 588	84,566	265,505	3,140	2,669
70	94	11 298	60,784	180,939	2,977	2,506
71	95	8 447	42,179	120,155	2,849	2,378
72	96	6 189	28,680	77,977	2,719	2,248
73	97	4 403	18,936	49,297	2,603	2,133
74	98	3 093	12,345	30,362	2,459	1,989
75	99	2 084	7,720	18,016	2,334	1,863
76	100	1 348	4,633	10,297	2,222	1,752

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 343 748,493	13,519	13,049
1	26	99 024	91 901,598	1 244 353,540	13,540	13,069
2	27	98 978	85 251,682	1 152 451,942	13,518	13,048
3	28	98 941	79 090,271	1 067 200,261	13,493	13,023
4	29	98 903	73 373,890	988 109,990	13,467	12,996
5	30	98 866	68 070,899	914 736,100	13,438	12,967
6	31	98 828	63 150,138	846 665,201	13,407	12,937
7	32	98 786	58 583,234	783 515,063	13,374	12,904
8	33	98 743	54 346,145	724 931,829	13,339	12,868
9	34	98 700	50 415,192	670 585,684	13,301	12,831
10	35	98 653	46 766,981	620 170,491	13,261	12,790
11	36	98 606	43 382,425	573 403,511	13,217	12,747
12	37	98 551	40 239,640	530 021,086	13,172	12,701
13	38	98 498	37 325,262	489 781,445	13,122	12,651
14	39	98 431	34 617,016	452 456,184	13,070	12,600
15	40	98 360	32 104,145	417 839,168	13,015	12,544
16	41	98 279	29 770,333	385 735,023	12,957	12,486
17	42	98 179	27 600,891	355 964,690	12,897	12,426
18	43	98 068	25 586,916	328 363,799	12,833	12,363
19	44	97 943	23 716,092	302 776,884	12,767	12,296
20	45	97 802	21 978,662	279 060,792	12,697	12,226
21	46	97 649	20 365,964	257 082,130	12,623	12,152
22	47	97 481	18 868,686	236 716,165	12,545	12,075
23	48	97 298	17 478,551	217 847,480	12,464	11,993
24	49	97 098	16 188,009	200 368,928	12,378	11,907
25	50	96 875	14 989,210	184 180,920	12,288	11,817
26	51	96 637	13 877,006	169 191,710	12,192	11,722
27	52	96 378	12 844,356	155 314,704	12,092	11,621
28	53	96 091	11 884,973	142 470,348	11,987	11,517
29	54	95 779	10 994,324	130 585,375	11,878	11,407
30	55	95 436	10 167,015	119 591,051	11,763	11,292
31	56	95 065	9 399,063	109 424,035	11,642	11,171
32	57	94 656	8 685,478	100 024,973	11,516	11,046
33	58	94 212	8 022,963	91 339,495	11,385	10,914
34	59	93 730	7 407,801	83 316,532	11,247	10,776
35	60	93 202	6 836,274	75 908,731	11,104	10,633
36	61	92 617	6 304,764	69 072,457	10,956	10,485
37	62	92 017	5 813,388	62 767,694	10,797	10,326
38	63	91 372	5 357,446	56 954,306	10,631	10,160
39	64	90 675	4 934,185	51 596,860	10,457	9,986
40	65	89 916	4 540,958	46 662,675	10,276	9,805
41	66	89 084	4 175,326	42 121,717	10,088	9,618
42	67	88 189	3 836,075	37 946,390	9,892	9,421
43	68	87 204	3 520,396	34 110,315	9,689	9,219
44	69	86 171	3 228,519	30 589,919	9,475	9,004
45	70	85 056	2 957,510	27 361,400	9,251	8,781
46	71	83 848	2 705,805	24 403,890	9,019	8,548
47	72	82 544	2 472,149	21 698,085	8,777	8,306
48	73	81 153	2 255,657	19 225,936	8,523	8,053
49	74	79 674	2 055,266	16 970,278	8,257	7,786
50	75	78 064	1 868,907	14 915,012	7,981	7,510
51	76	76 306	1 695,427	13 046,106	7,695	7,224
52	77	74 353	1 533,196	11 350,679	7,403	6,933
53	78	72 214	1 381,984	9 817,483	7,104	6,633
54	79	69 834	1 240,327	8 435,499	6,801	6,330
55	80	67 159	1 107,012	7 195,172	6,500	6,029
56	81	64 182	981,855	6 088,160	6,201	5,730
57	82	60 935	865,133	5 106,305	5,902	5,432
58	83	57 431	756,739	4 241,171	5,605	5,134
59	84	53 639	655,935	3 484,432	5,312	4,841
60	85	49 570	562,582	2 828,498	5,028	4,557
61	86	45 283	476,962	2 265,915	4,751	4,280
62	87	40 804	398,869	1 788,953	4,485	4,014
63	88	36 230	328,687	1 390,085	4,229	3,759
64	89	31 651	266,490	1 061,398	3,983	3,512
65	90	27 115	211,875	794,908	3,752	3,281
66	91	22 748	164,971	583,033	3,534	3,063
67	92	18 632	125,402	418,062	3,334	2,863
68	93	14 866	92,856	292,660	3,152	2,681
69	94	11 536	66,875	199,804	2,988	2,517
70	95	8 641	46,489	132,929	2,859	2,389
71	96	6 344	31,675	86,440	2,729	2,258
72	97	4 521	20,951	54,765	2,614	2,143
73	98	3 183	13,689	33,814	2,470	1,999
74	99	2 150	8,583	20,125	2,345	1,874
75	100	1 395	5,168	11,542	2,233	1,763

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	92 478,275	1 269 366,531	13,726	13,255
2	1	99 313	85 540,436	1 176 888,257	13,758	13,288
3	2	99 275	79 357,153	1 091 347,821	13,752	13,282
4	3	99 250	73 631,079	1 011 990,667	13,744	13,273
5	4	99 227	68 319,042	938 359,588	13,735	13,264
6	5	99 208	63 393,404	870 040,546	13,724	13,254
7	6	99 191	58 823,272	806 647,142	13,713	13,242
8	7	99 176	54 584,174	747 823,869	13,700	13,230
9	8	99 163	50 651,542	693 239,695	13,686	13,216
10	9	99 149	47 001,702	642 588,153	13,672	13,201
11	10	99 135	43 614,892	595 586,451	13,656	13,185
12	11	99 120	40 471,845	551 971,559	13,638	13,168
13	12	99 105	37 555,136	511 499,714	13,620	13,149
14	13	99 087	34 847,864	473 944,578	13,600	13,130
15	14	99 067	32 334,727	439 096,714	13,580	13,109
16	15	99 042	30 001,369	406 761,986	13,558	13,087
17	16	99 004	27 832,844	376 760,617	13,537	13,066
18	17	98 961	25 819,728	348 927,774	13,514	13,043
19	18	98 908	23 949,931	323 108,046	13,491	13,020
20	19	98 847	22 213,509	299 158,114	13,467	12,997
21	20	98 783	20 602,515	276 944,606	13,442	12,972
22	21	98 721	19 108,574	256 342,090	13,415	12,944
23	22	98 660	17 723,242	237 233,516	13,385	12,915
24	23	98 598	16 438,087	219 510,274	13,354	12,883
25	24	98 528	15 245,081	203 072,187	13,321	12,850
26	25	98 464	14 139,362	187 827,106	13,284	12,813
27	26	98 399	13 113,714	173 687,744	13,245	12,774
28	27	98 328	12 161,711	160 574,029	13,203	12,733
29	28	98 256	11 278,693	148 412,318	13,159	12,688
30	29	98 175	10 458,862	137 133,624	13,112	12,641
31	30	98 093	9 698,498	126 674,762	13,061	12,591
32	31	97 997	8 992,060	116 976,264	13,009	12,538
33	32	97 897	8 336,791	107 984,205	12,953	12,482
34	33	97 793	7 728,984	99 647,414	12,893	12,422
35	34	97 680	7 164,743	91 918,430	12,829	12,359
36	35	97 555	6 640,912	84 753,687	12,762	12,292
37	36	97 429	6 155,312	78 112,775	12,690	12,220
38	37	97 292	5 704,558	71 957,463	12,614	12,143
39	38	97 145	5 286,263	66 252,905	12,533	12,062
40	39	96 983	4 897,820	60 966,641	12,448	11,977
41	40	96 803	4 537,124	56 068,821	12,358	11,887
42	41	96 609	4 202,357	51 531,696	12,263	11,792
43	42	96 392	3 891,317	47 329,340	12,163	11,692
44	43	96 154	3 602,525	43 438,023	12,058	11,587
45	44	95 895	3 334,404	39 835,498	11,947	11,476
46	45	95 601	3 085,098	36 501,094	11,831	11,361
47	46	95 286	2 853,768	33 415,995	11,709	11,239
48	47	94 929	2 638,570	30 562,228	11,583	11,112
49	48	94 529	2 438,469	27 923,657	11,451	10,981
50	49	94 081	2 252,350	25 485,188	11,315	10,844
51	50	93 580	2 079,222	23 232,838	11,174	10,703
52	51	93 035	1 918,434	21 153,616	11,027	10,556
53	52	92 418	1 768,655	19 235,183	10,876	10,405
54	53	91 732	1 629,248	17 466,528	10,721	10,250
55	54	90 971	1 499,525	15 837,280	10,562	10,091
56	55	90 140	1 378,951	14 337,755	10,398	9,927
57	56	89 227	1 266,816	12 958,804	10,229	9,759
58	57	88 234	1 162,612	11 691,987	10,057	9,586
59	58	87 140	1 065,612	10 529,376	9,881	9,410
60	59	85 953	975,497	9 463,764	9,701	9,231
61	60	84 679	891,914	8 488,267	9,517	9,046
62	61	83 297	814,253	7 596,353	9,329	8,859
63	62	81 827	742,347	6 782,100	9,136	8,665
64	63	80 267	675,818	6 039,753	8,937	8,466
65	64	78 600	614,184	5 363,935	8,733	8,263
66	65	76 828	557,159	4 749,751	8,525	8,054
67	66	74 967	504,557	4 192,592	8,309	7,839
68	67	72 978	455,842	3 688,035	8,091	7,620
69	68	70 918	411,119	3 232,192	7,862	7,391
70	69	68 746	369,858	2 821,074	7,627	7,157
71	70	66 455	331,817	2 451,216	7,387	6,917
72	71	64 044	296,779	2 119,399	7,141	6,671
73	72	61 534	264,639	1 822,620	6,887	6,417
74	73	58 931	235,216	1 557,981	6,624	6,153
75	74	56 225	208,273	1 322,765	6,351	5,880
76	75	53 382	183,520	1 114,493	6,073	5,602
77	76	50 393	160,784	930,972	5,790	5,320
78	77	47 260	139,941	770,189	5,504	5,033
79	78	43 972	120,841	630,248	5,216	4,745
80	79	40 502	103,300	509,407	4,931	4,461
81	80	36 874	87,282	406,108	4,653	4,182
82	81	33 099	72,710	318,826	4,385	3,914
83	82	29 275	59,684	246,116	4,124	3,653
84	83	25 443	48,142	186,432	3,873	3,402
85	84	21 681	38,073	138,290	3,632	3,162
86	85	18 049	29,415	100,217	3,407	2,936
87	86	14 656	22,168	70,802	3,194	2,723
88	87	11 578	16,252	48,634	2,993	2,522
89	88	8 871	11,556	32,382	2,802	2,331
90	89	6 577	7,952	20,826	2,619	2,148
91	90	4 689	5,262	12,874	2,447	1,976
92	91	3 187	3,319	7,613	2,294	1,823
93	92	2 059	1,990	4,294	2,158	1,687
94	93	1 265	1,134	2,304	2,031	1,561
95	94	727	0,605	1,170	1,934	1,463
96	95	397	0,307	0,565	1,843	1,372
97	96	205	0,147	0,258	1,759	1,289
98	97	99	0,066	0,112	1,692	1,221
99	98	46	0,028	0,046	1,615	1,145
100	99	20	0,011	0,017	1,550	1,079

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	85 803,325	1 177 462,666	13,723	13,252
3	1	99 297	79 375,494	1 091 659,341	13,753	13,282
4	2	99 262	73 639,848	1 012 283,847	13,746	13,276
5	3	99 238	68 327,183	938 643,999	13,737	13,267
6	4	99 217	63 399,169	870 316,816	13,728	13,257
7	5	99 198	58 827,684	806 917,648	13,717	13,246
8	6	99 182	54 587,768	748 089,964	13,704	13,234
9	7	99 168	50 654,040	693 502,196	13,691	13,220
10	8	99 155	47 004,612	642 848,157	13,676	13,206
11	9	99 141	43 617,714	595 843,545	13,661	13,190
12	10	99 126	40 474,243	552 225,831	13,644	13,173
13	11	99 112	37 557,934	511 751,587	13,626	13,155
14	12	99 095	34 850,622	474 193,654	13,606	13,136
15	13	99 075	32 337,499	439 343,032	13,586	13,116
16	14	99 052	30 004,517	407 005,533	13,565	13,094
17	15	99 016	27 836,326	377 001,015	13,543	13,073
18	16	98 975	25 823,372	349 164,689	13,521	13,051
19	17	98 923	23 953,439	323 341,317	13,499	13,028
20	18	98 867	22 218,033	299 387,879	13,475	13,004
21	19	98 802	20 606,493	277 169,846	13,451	12,980
22	20	98 739	19 112,113	256 563,353	13,424	12,953
23	21	98 676	17 726,177	237 451,240	13,396	12,925
24	22	98 615	16 440,932	219 725,062	13,365	12,894
25	23	98 550	15 248,390	203 284,131	13,332	12,861
26	24	98 481	14 141,760	188 035,741	13,296	12,826
27	25	98 418	13 116,160	173 893,981	13,258	12,787
28	26	98 347	12 164,078	160 777,821	13,217	12,747
29	27	98 278	11 281,157	148 613,742	13,174	12,703
30	28	98 200	10 461,471	137 332,585	13,127	12,657
31	29	98 119	9 701,008	126 871,114	13,078	12,607
32	30	98 026	8 994,731	117 170,105	13,027	12,556
33	31	97 928	8 339,453	108 175,375	12,972	12,501
34	32	97 827	7 731,667	99 835,922	12,913	12,442
35	33	97 715	7 167,295	92 104,255	12,851	12,380
36	34	97 593	6 643,510	84 936,960	12,785	12,314
37	35	97 468	6 157,791	78 293,450	12,715	12,244
38	36	97 338	5 707,234	72 135,659	12,639	12,169
39	37	97 190	5 288,697	66 428,425	12,560	12,090
40	38	97 039	4 900,691	61 139,728	12,476	12,005
41	39	96 861	4 539,829	56 239,037	12,388	11,917
42	40	96 675	4 205,211	51 699,209	12,294	11,823
43	41	96 465	3 894,288	47 493,998	12,196	11,725
44	42	96 234	3 605,517	43 599,710	12,092	11,622
45	43	95 981	3 337,407	39 994,193	11,984	11,513
46	44	95 699	3 088,248	36 656,785	11,870	11,399
47	45	95 392	2 856,945	33 568,537	11,750	11,279
48	46	95 050	2 641,925	30 711,593	11,625	11,154
49	47	94 664	2 441,970	28 069,668	11,495	11,024
50	48	94 231	2 255,959	25 627,698	11,360	10,889
51	49	93 750	2 082,995	23 371,739	11,220	10,750
52	50	93 218	1 922,222	21 288,744	11,075	10,604
53	51	92 623	1 772,570	19 366,522	10,926	10,455
54	52	91 958	1 633,258	17 593,953	10,772	10,302
55	53	91 221	1 503,635	15 960,695	10,615	10,144
56	54	90 412	1 383,114	14 457,060	10,453	9,982
57	55	89 524	1 271,028	13 073,946	10,286	9,815
58	56	88 555	1 166,835	11 802,918	10,115	9,645
59	57	87 489	1 069,883	10 636,084	9,941	9,471
60	58	86 334	979,818	9 566,201	9,763	9,293
61	59	85 090	896,243	8 586,382	9,580	9,110
62	60	83 749	818,667	7 690,139	9,393	8,923
63	61	82 287	746,524	6 871,473	9,205	8,734
64	62	80 757	679,950	6 124,949	9,008	8,537
65	63	79 121	618,255	5 444,999	8,807	8,336
66	64	77 392	561,249	4 826,745	8,600	8,129
67	65	75 572	508,633	4 265,496	8,386	7,916
68	66	73 621	459,860	3 756,863	8,170	7,699
69	67	71 613	415,143	3 297,004	7,942	7,471
70	68	69 455	373,675	2 881,860	7,712	7,242
71	69	67 205	335,566	2 508,185	7,475	7,004
72	70	64 834	300,439	2 172,620	7,231	6,761
73	71	62 369	268,230	1 872,180	6,980	6,509
74	72	59 793	238,655	1 603,950	6,721	6,250
75	73	57 109	211,548	1 365,295	6,454	5,983
76	74	54 311	186,714	1 153,747	6,179	5,709
77	75	51 373	163,909	967,032	5,900	5,429
78	76	48 314	143,063	803,123	5,614	5,143
79	77	45 074	123,870	660,060	5,329	4,858
80	78	41 673	106,286	536,191	5,045	4,574
81	79	38 130	90,253	429,904	4,763	4,293
82	80	34 421	75,614	339,651	4,492	4,021
83	81	30 624	62,435	264,037	4,229	3,758
84	82	26 792	50,694	201,602	3,977	3,506
85	83	23 018	40,420	150,908	3,733	3,263
86	84	19 350	31,535	110,488	3,504	3,033
87	85	15 883	24,023	78,952	3,287	2,816
88	86	12 707	17,838	54,929	3,079	2,609
89	87	9 869	12,857	37,092	2,885	2,414
90	88	7 430	8,983	24,234	2,698	2,227
91	89	5 396	6,055	15,251	2,519	2,048
92	90	3 740	3,895	9,197	2,361	1,890
93	91	2 472	2,389	5,302	2,219	1,748
94	92	1 557	1,396	2,912	2,086	1,615
95	93	919	0,765	1,516	1,982	1,511
96	94	519	0,401	0,751	1,874	1,403
97	95	273	0,196	0,350	1,791	1,321
98	96	136	0,090	0,155	1,715	1,245
99	97	63	0,039	0,065	1,653	1,182
100	98	28	0,016	0,026	1,582	1,111

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	79 619,437	1 092 187,630	13,718	13,247
4	1	99 285	73 656,867	1 012 568,193	13,747	13,276
5	2	99 250	68 335,320	938 911,326	13,740	13,269
6	3	99 229	63 406,723	870 576,006	13,730	13,259
7	4	99 207	58 833,034	807 169,283	13,720	13,249
8	5	99 190	54 591,862	748 336,249	13,708	13,237
9	6	99 174	50 657,374	693 744,388	13,695	13,224
10	7	99 160	47 006,929	643 087,014	13,681	13,210
11	8	99 147	43 620,415	596 080,085	13,665	13,194
12	9	99 132	40 476,862	552 459,670	13,649	13,178
13	10	99 118	37 560,159	511 982,807	13,631	13,160
14	11	99 103	34 853,218	474 422,648	13,612	13,141
15	12	99 083	32 340,058	439 569,431	13,592	13,121
16	13	99 060	30 007,090	407 229,373	13,571	13,100
17	14	99 026	27 839,248	377 222,283	13,550	13,079
18	15	98 987	25 826,603	349 383,035	13,528	13,057
19	16	98 937	23 956,819	323 556,433	13,506	13,035
20	17	98 881	22 221,287	299 599,614	13,483	13,012
21	18	98 822	20 610,690	277 378,327	13,458	12,987
22	19	98 758	19 115,803	256 767,637	13,432	12,962
23	20	98 694	17 729,460	237 651,834	13,404	12,934
24	21	98 631	16 443,654	219 922,374	13,374	12,904
25	22	98 567	15 251,029	203 478,720	13,342	12,871
26	23	98 502	14 144,829	188 227,691	13,307	12,837
27	24	98 434	13 118,385	174 082,861	13,270	12,799
28	25	98 366	12 166,347	160 964,477	13,230	12,760
29	26	98 297	11 283,353	148 798,130	13,187	12,717
30	27	98 221	10 463,757	137 514,777	13,142	12,671
31	28	98 143	9 703,428	127 051,021	13,093	12,623
32	29	98 051	8 997,059	117 347,592	13,043	12,572
33	30	97 957	8 341,930	108 350,533	12,989	12,518
34	31	97 859	7 734,136	100 008,603	12,931	12,460
35	32	97 749	7 169,783	92 274,468	12,870	12,399
36	33	97 628	6 645,876	85 104,685	12,806	12,335
37	34	97 507	6 160,200	78 458,808	12,736	12,266
38	35	97 377	5 709,532	72 298,608	12,663	12,192
39	36	97 236	5 291,178	66 589,076	12,585	12,114
40	37	97 084	4 902,947	61 297,898	12,502	12,032
41	38	96 918	4 542,489	56 394,951	12,415	11,944
42	39	96 732	4 207,717	51 852,462	12,323	11,853
43	40	96 531	3 896,933	47 644,744	12,226	11,756
44	41	96 307	3 608,270	43 747,812	12,124	11,654
45	42	96 061	3 340,179	40 139,542	12,017	11,547
46	43	95 785	3 091,030	36 799,363	11,905	11,435
47	44	95 490	2 859,862	33 708,333	11,787	11,316
48	45	95 155	2 644,866	30 848,471	11,664	11,193
49	46	94 785	2 445,074	28 203,606	11,535	11,064
50	47	94 367	2 259,197	25 758,531	11,402	10,931
51	48	93 900	2 086,332	23 499,334	11,263	10,793
52	49	93 388	1 925,710	21 413,001	11,120	10,649
53	50	92 806	1 776,070	19 487,291	10,972	10,501
54	51	92 161	1 636,873	17 711,222	10,820	10,349
55	52	91 445	1 507,335	16 074,348	10,664	10,193
56	53	90 660	1 386,905	14 567,013	10,503	10,033
57	54	89 794	1 274,865	13 180,108	10,338	9,868
58	55	88 849	1 170,714	11 905,243	10,169	9,699
59	56	87 807	1 073,769	10 734,530	9,997	9,526
60	57	86 680	983,746	9 660,761	9,820	9,350
61	58	85 467	900,213	8 677,015	9,639	9,168
62	59	84 155	822,640	7 776,802	9,453	8,983
63	60	82 733	750,570	6 954,162	9,265	8,795
64	61	81 212	683,775	6 203,592	9,073	8,602
65	62	79 604	622,034	5 519,816	8,874	8,403
66	63	77 905	564,969	4 897,782	8,669	8,198
67	64	76 127	512,366	4 332,813	8,456	7,986
68	65	74 215	463,574	3 820,446	8,241	7,771
69	66	72 244	418,802	3 356,873	8,015	7,545
70	67	70 135	377,333	2 938,071	7,786	7,316
71	68	67 899	339,029	2 560,738	7,553	7,082
72	69	65 566	303,834	2 221,709	7,312	6,842
73	70	63 138	271,539	1 917,875	7,063	6,592
74	71	60 604	241,894	1 646,336	6,806	6,335
75	72	57 944	214,641	1 404,443	6,543	6,073
76	73	55 166	189,651	1 189,802	6,274	5,803
77	74	52 267	166,762	1 000,151	5,997	5,527
78	75	49 253	145,844	833,389	5,714	5,244
79	76	46 080	126,634	687,545	5,429	4,959
80	77	42 718	108,950	560,911	5,148	4,678
81	78	39 232	92,863	451,961	4,867	4,396
82	79	35 593	78,189	359,098	4,593	4,122
83	80	31 847	64,929	280,909	4,326	3,856
84	81	28 027	53,030	215,981	4,073	3,602
85	82	24 238	42,563	162,950	3,828	3,358
86	83	20 543	33,480	120,387	3,596	3,125
87	84	17 028	25,754	86,908	3,374	2,904
88	85	13 771	19,330	61,153	3,164	2,693
89	86	10 833	14,112	41,823	2,964	2,493
90	87	8 266	9,994	27,711	2,773	2,302
91	88	6 096	6,840	17,717	2,590	2,119
92	89	4 304	4,482	10,877	2,427	1,956
93	90	2 902	2,804	6,395	2,280	1,810
94	91	1 869	1,677	3,591	2,141	1,671
95	92	1 131	0,941	1,914	2,033	1,562
96	93	656	0,507	0,972	1,918	1,447
97	94	357	0,256	0,465	1,820	1,349
98	95	181	0,120	0,210	1,745	1,274
99	96	87	0,053	0,090	1,674	1,204
100	97	39	0,022	0,036	1,617	1,146

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	73 883,235	1 013 054,001	13,712	13,241
5	1	99 273	68 351,113	939 170,766	13,740	13,270
6	2	99 241	63 414,274	870 819,653	13,732	13,262
7	3	99 219	58 840,044	807 405,379	13,722	13,251
8	4	99 199	54 596,826	748 565,335	13,711	13,240
9	5	99 182	50 661,173	693 968,509	13,698	13,228
10	6	99 166	47 010,024	643 307,336	13,684	13,214
11	7	99 152	43 622,565	596 297,312	13,669	13,199
12	8	99 138	40 479,368	552 674,747	13,653	13,183
13	9	99 124	37 562,590	512 195,379	13,636	13,165
14	10	99 108	34 855,283	474 632,789	13,617	13,147
15	11	99 091	32 342,467	439 777,506	13,598	13,127
16	12	99 068	30 009,464	407 435,039	13,577	13,106
17	13	99 035	27 841,634	377 425,575	13,556	13,085
18	14	98 997	25 829,313	349 583,941	13,534	13,064
19	15	98 949	23 959,816	323 754,628	13,512	13,042
20	16	98 895	22 224,423	299 794,812	13,489	13,019
21	17	98 837	20 613,708	277 570,389	13,465	12,995
22	18	98 778	19 119,697	256 956,681	13,439	12,969
23	19	98 714	17 732,883	237 836,984	13,412	12,942
24	20	98 649	16 446,699	220 104,101	13,383	12,912
25	21	98 583	15 253,555	203 657,402	13,351	12,881
26	22	98 519	14 147,277	188 403,847	13,317	12,847
27	23	98 456	13 121,232	174 256,570	13,281	12,810
28	24	98 382	12 168,410	161 135,338	13,242	12,771
29	25	98 315	11 285,457	148 966,928	13,200	12,729
30	26	98 240	10 465,793	137 681,471	13,155	12,685
31	27	98 165	9 705,548	127 215,678	13,108	12,637
32	28	98 076	8 999,303	117 510,129	13,058	12,587
33	29	97 983	8 344,089	108 510,826	13,005	12,534
34	30	97 888	7 736,433	100 166,737	12,947	12,477
35	31	97 780	7 172,072	92 430,304	12,888	12,417
36	32	97 662	6 648,184	85 258,232	12,824	12,354
37	33	97 541	6 162,394	78 610,048	12,756	12,286
38	34	97 415	5 711,766	72 447,654	12,684	12,213
39	35	97 275	5 293,309	66 735,888	12,608	12,137
40	36	97 130	4 905,247	61 442,579	12,526	12,055
41	37	96 962	4 544,580	56 537,332	12,441	11,970
42	38	96 789	4 210,183	51 992,752	12,349	11,879
43	39	96 588	3 899,256	47 782,569	12,254	11,784
44	40	96 373	3 610,720	43 883,313	12,154	11,683
45	41	96 134	3 342,729	40 272,593	12,048	11,577
46	42	95 865	3 093,597	36 929,864	11,938	11,467
47	43	95 576	2 862,438	33 836,267	11,821	11,350
48	44	95 252	2 647,567	30 973,829	11,699	11,228
49	45	94 890	2 447,796	28 326,262	11,572	11,101
50	46	94 487	2 262,070	25 878,466	11,440	10,970
51	47	94 035	2 089,327	23 616,397	11,303	10,833
52	48	93 537	1 928,795	21 527,069	11,161	10,690
53	49	92 974	1 779,293	19 598,274	11,015	10,544
54	50	92 343	1 640,106	17 818,981	10,865	10,394
55	51	91 647	1 510,672	16 178,875	10,710	10,239
56	52	90 883	1 390,318	14 668,203	10,550	10,080
57	53	90 040	1 278,359	13 277,885	10,387	9,916
58	54	89 117	1 174,248	11 999,526	10,219	9,748
59	55	88 099	1 077,338	10 825,279	10,048	9,578
60	56	86 995	987,319	9 747,940	9,873	9,402
61	57	85 810	903,822	8 760,622	9,693	9,222
62	58	84 528	826,285	7 856,800	9,509	9,038
63	59	83 135	754,213	7 030,515	9,322	8,851
64	60	81 652	687,482	6 276,302	9,129	8,659
65	61	80 052	625,534	5 588,821	8,934	8,464
66	62	78 381	568,423	4 963,286	8,732	8,261
67	63	76 632	515,762	4 394,863	8,521	8,050
68	64	74 760	466,977	3 879,101	8,307	7,836
69	65	72 827	422,184	3 412,124	8,082	7,611
70	66	70 753	380,659	2 989,940	7,855	7,384
71	67	68 564	342,348	2 609,281	7,622	7,151
72	68	66 243	306,969	2 266,934	7,385	6,914
73	69	63 852	274,607	1 959,964	7,137	6,667
74	70	61 352	244,877	1 685,358	6,882	6,412
75	71	58 730	217,554	1 440,480	6,621	6,151
76	72	55 972	192,424	1 222,926	6,355	5,885
77	73	53 089	169,385	1 030,503	6,084	5,613
78	74	50 111	148,383	861,118	5,803	5,333
79	75	46 976	129,095	712,735	5,521	5,050
80	76	43 671	111,381	583,640	5,240	4,769
81	77	40 215	95,190	472,259	4,961	4,491
82	78	36 622	80,449	377,069	4,687	4,216
83	79	32 931	67,139	296,619	4,418	3,947
84	80	29 146	55,149	229,480	4,161	3,690
85	81	25 355	44,525	174,332	3,915	3,445
86	82	21 632	35,255	129,807	3,682	3,211
87	83	18 078	27,342	94,552	3,458	2,987
88	84	14 763	20,723	67,210	3,243	2,773
89	85	11 739	15,293	46,487	3,040	2,569
90	86	9 073	10,970	31,194	2,844	2,373
91	87	6 782	7,610	20,224	2,658	2,187
92	88	4 862	5,063	12,614	2,491	2,021
93	89	3 339	3,227	7,551	2,340	1,869
94	90	2 194	1,968	4,324	2,197	1,727
95	91	1 358	1,131	2,356	2,084	1,613
96	92	808	0,624	1,225	1,964	1,494
97	93	451	0,323	0,602	1,861	1,390
98	94	236	0,157	0,278	1,771	1,301
99	95	115	0,071	0,121	1,702	1,231
100	96	53	0,031	0,050	1,636	1,166

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	68 561,175	939 617,464	13,705	13,234
6	1	99 264	63 428,930	871 056,290	13,733	13,262
7	2	99 231	58 847,051	807 627,360	13,724	13,254
8	3	99 210	54 603,331	748 780,309	13,713	13,242
9	4	99 191	50 665,780	694 176,977	13,701	13,230
10	5	99 174	47 013,549	643 511,197	13,688	13,217
11	6	99 158	43 625,437	596 497,647	13,673	13,202
12	7	99 143	40 481,364	552 872,210	13,657	13,187
13	8	99 130	37 564,916	512 390,846	13,640	13,169
14	9	99 115	34 857,538	474 825,931	13,622	13,151
15	10	99 096	32 344,383	439 968,392	13,603	13,132
16	11	99 076	30 011,699	407 624,009	13,582	13,112
17	12	99 043	27 843,837	377 612,310	13,562	13,091
18	13	99 006	25 831,527	349 768,473	13,540	13,070
19	14	98 959	23 962,331	323 936,945	13,519	13,048
20	15	98 908	22 227,203	299 974,615	13,496	13,025
21	16	98 851	20 616,617	277 747,411	13,472	13,001
22	17	98 793	19 122,496	257 130,794	13,447	12,976
23	18	98 734	17 736,495	238 008,297	13,419	12,948
24	19	98 668	16 449,875	220 271,802	13,390	12,920
25	20	98 601	15 256,380	203 821,928	13,360	12,889
26	21	98 536	14 149,620	188 565,548	13,327	12,856
27	22	98 473	13 123,503	174 415,928	13,290	12,820
28	23	98 404	12 171,051	161 292,426	13,252	12,781
29	24	98 332	11 287,371	149 121,375	13,211	12,741
30	25	98 259	10 467,745	137 834,003	13,167	12,697
31	26	98 184	9 707,437	127 366,258	13,120	12,650
32	27	98 097	9 001,269	117 658,821	13,071	12,601
33	28	98 007	8 346,171	108 657,552	13,019	12,548
34	29	97 913	7 738,436	100 311,381	12,963	12,492
35	30	97 809	7 174,202	92 572,946	12,904	12,433
36	31	97 693	6 650,306	85 398,743	12,841	12,371
37	32	97 575	6 164,534	78 748,437	12,774	12,304
38	33	97 450	5 713,801	72 583,903	12,703	12,233
39	34	97 313	5 295,380	66 870,103	12,628	12,157
40	35	97 169	4 907,222	61 574,723	12,548	12,077
41	36	97 008	4 546,712	56 667,501	12,463	11,993
42	37	96 834	4 212,122	52 120,789	12,374	11,903
43	38	96 645	3 901,540	47 908,667	12,279	11,809
44	39	96 430	3 612,872	44 007,127	12,181	11,710
45	40	96 200	3 344,999	40 394,255	12,076	11,605
46	41	95 938	3 095,959	37 049,255	11,967	11,496
47	42	95 655	2 864,815	33 953,296	11,852	11,381
48	43	95 338	2 649,951	31 088,481	11,732	11,261
49	44	94 987	2 450,296	28 438,530	11,606	11,135
50	45	94 592	2 264,588	25 988,234	11,476	11,005
51	46	94 154	2 091,984	23 723,646	11,340	10,870
52	47	93 672	1 931,564	21 631,663	11,199	10,728
53	48	93 123	1 782,144	19 700,099	11,054	10,583
54	49	92 511	1 643,082	17 917,955	10,905	10,434
55	50	91 828	1 513,655	16 274,873	10,752	10,281
56	51	91 084	1 393,396	14 761,218	10,594	10,123
57	52	90 262	1 281,505	13 367,822	10,431	9,961
58	53	89 362	1 177,466	12 086,317	10,265	9,794
59	54	88 365	1 080,591	10 908,851	10,095	9,625
60	55	87 284	990,601	9 828,260	9,922	9,451
61	56	86 121	907,104	8 837,659	9,743	9,272
62	57	84 867	829,597	7 930,555	9,560	9,089
63	58	83 503	757,554	7 100,958	9,374	8,903
64	59	82 048	690,818	6 343,404	9,182	8,712
65	60	80 486	628,925	5 652,586	8,988	8,517
66	61	78 822	571,621	5 023,661	8,788	8,318
67	62	77 100	518,916	4 452,040	8,580	8,109
68	63	75 256	470,072	3 933,124	8,367	7,896
69	64	73 362	425,283	3 463,052	8,143	7,672
70	65	71 325	383,733	3 037,769	7,916	7,446
71	66	69 168	345,364	2 654,036	7,685	7,214
72	67	66 891	309,974	2 308,671	7,448	6,977
73	68	64 511	277,441	1 998,697	7,204	6,733
74	69	62 045	247,644	1 721,256	6,951	6,480
75	70	59 455	220,237	1 473,612	6,691	6,220
76	71	56 732	195,035	1 253,375	6,426	5,956
77	72	53 865	171,861	1 058,340	6,158	5,687
78	73	50 899	150,716	886,479	5,882	5,411
79	74	47 794	131,342	735,762	5,602	5,131
80	75	44 520	113,546	604,420	5,323	4,852
81	76	41 113	97,314	490,874	5,044	4,574
82	77	37 540	82,466	393,560	4,772	4,302
83	78	33 884	69,080	311,094	4,503	4,033
84	79	30 139	57,026	242,014	4,244	3,773
85	80	26 368	46,303	184,988	3,995	3,524
86	81	22 629	36,880	138,684	3,760	3,290
87	82	19 036	28,792	101,805	3,536	3,065
88	83	15 673	22,001	73,013	3,319	2,848
89	84	12 585	16,395	51,012	3,111	2,641
90	85	9 832	11,888	34,617	2,912	2,441
91	86	7 444	8,353	22,729	2,721	2,251
92	87	5 409	5,633	14,376	2,552	2,081
93	88	3 772	3,645	8,743	2,398	1,928
94	89	2 525	2,264	5,098	2,251	1,781
95	90	1 594	1,327	2,833	2,135	1,665
96	91	970	0,749	1,507	2,011	1,540
97	92	555	0,398	0,757	1,903	1,432
98	93	299	0,199	0,359	1,809	1,338
99	94	151	0,093	0,161	1,726	1,255
100	95	71	0,041	0,068	1,662	1,191

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	63 623,864	871 466,998	13,697	13,227
7	1	99 254	58 860,651	807 843,133	13,725	13,254
8	2	99 222	54 609,834	748 982,482	13,715	13,244
9	3	99 202	50 671,817	694 372,648	13,703	13,233
10	4	99 183	47 017,825	643 700,830	13,691	13,220
11	5	99 166	43 628,709	596 683,005	13,676	13,206
12	6	99 150	40 484,029	553 054,297	13,661	13,190
13	7	99 135	37 566,767	512 570,268	13,644	13,174
14	8	99 121	34 859,697	475 003,500	13,626	13,155
15	9	99 103	32 346,476	440 143,804	13,607	13,137
16	10	99 082	30 013,478	407 797,327	13,587	13,116
17	11	99 050	27 845,911	377 783,850	13,567	13,096
18	12	99 014	25 833,571	349 937,938	13,546	13,075
19	13	98 968	23 964,385	324 104,367	13,524	13,054
20	14	98 918	22 229,536	300 139,982	13,502	13,031
21	15	98 863	20 619,197	277 910,446	13,478	13,008
22	16	98 807	19 125,195	257 291,249	13,453	12,982
23	17	98 748	17 739,092	238 166,054	13,426	12,955
24	18	98 688	16 453,225	220 426,962	13,397	12,927
25	19	98 621	15 259,325	203 973,737	13,367	12,896
26	20	98 554	14 152,241	188 714,412	13,335	12,864
27	21	98 489	13 125,676	174 562,171	13,299	12,829
28	22	98 421	12 173,158	161 436,496	13,262	12,791
29	23	98 353	11 289,821	149 263,338	13,221	12,750
30	24	98 275	10 469,520	137 973,517	13,179	12,708
31	25	98 202	9 709,248	127 503,997	13,132	12,662
32	26	98 116	9 003,021	117 794,749	13,084	12,613
33	27	98 028	8 347,994	108 791,728	13,032	12,561
34	28	97 937	7 740,366	100 443,734	12,977	12,506
35	29	97 834	7 176,059	92 703,368	12,918	12,448
36	30	97 722	6 652,282	85 527,309	12,857	12,386
37	31	97 606	6 166,502	78 875,027	12,791	12,320
38	32	97 484	5 715,784	72 708,525	12,721	12,250
39	33	97 348	5 297,266	66 992,741	12,647	12,176
40	34	97 207	4 909,142	61 695,475	12,567	12,097
41	35	97 047	4 548,543	56 786,333	12,485	12,014
42	36	96 879	4 214,097	52 237,790	12,396	11,925
43	37	96 689	3 903,337	48 023,693	12,303	11,833
44	38	96 487	3 614,989	44 120,356	12,205	11,734
45	39	96 257	3 346,993	40 505,367	12,102	11,631
46	40	96 003	3 098,061	37 158,373	11,994	11,523
47	41	95 728	2 867,002	34 060,312	11,880	11,409
48	42	95 417	2 652,152	31 193,310	11,762	11,291
49	43	95 073	2 452,503	28 541,158	11,638	11,167
50	44	94 688	2 266,900	26 088,655	11,509	11,038
51	45	94 259	2 094,312	23 821,755	11,374	10,904
52	46	93 791	1 934,020	21 727,442	11,234	10,764
53	47	93 257	1 784,702	19 793,422	11,091	10,620
54	48	92 659	1 645,714	18 008,720	10,943	10,472
55	49	91 995	1 516,402	16 363,006	10,791	10,320
56	50	91 264	1 396,147	14 846,604	10,634	10,163
57	51	90 462	1 284,342	13 450,457	10,473	10,002
58	52	89 581	1 180,364	12 166,115	10,307	9,836
59	53	88 607	1 083,552	10 985,751	10,139	9,668
60	54	87 548	993,591	9 902,199	9,966	9,495
61	55	86 408	910,120	8 908,607	9,788	9,318
62	56	85 175	832,610	7 998,487	9,607	9,136
63	57	83 838	760,591	7 165,878	9,421	8,951
64	58	82 412	693,879	6 405,287	9,231	8,760
65	59	80 877	631,977	5 711,408	9,037	8,567
66	60	79 249	574,720	5 079,431	8,838	8,367
67	61	77 534	521,835	4 504,711	8,632	8,162
68	62	75 716	472,946	3 982,876	8,421	7,951
69	63	73 848	428,102	3 509,930	8,199	7,728
70	64	71 848	386,550	3 081,828	7,973	7,502
71	65	69 727	348,154	2 695,278	7,742	7,271
72	66	67 481	312,706	2 347,124	7,506	7,035
73	67	65 142	280,157	2 034,418	7,262	6,791
74	68	62 685	250,200	1 754,261	7,011	6,541
75	69	60 127	222,726	1 504,062	6,753	6,282
76	70	57 431	197,441	1 281,336	6,490	6,019
77	71	54 596	174,194	1 083,895	6,222	5,752
78	72	51 643	152,920	909,702	5,949	5,478
79	73	48 545	133,408	756,782	5,673	5,202
80	74	45 295	115,523	623,374	5,396	4,925
81	75	41 912	99,206	507,852	5,119	4,649
82	76	38 377	84,306	408,646	4,847	4,377
83	77	34 733	70,812	324,340	4,580	4,110
84	78	31 010	58,675	253,528	4,321	3,850
85	79	27 266	47,880	194,853	4,070	3,599
86	80	23 533	38,353	146,974	3,832	3,362
87	81	19 913	30,119	108,621	3,606	3,136
88	82	16 504	23,167	78,502	3,388	2,918
89	83	13 361	17,406	55,335	3,179	2,708
90	84	10 541	12,744	37,928	2,976	2,505
91	85	8 067	9,052	25,184	2,782	2,312
92	86	5 937	6,183	16,133	2,609	2,139
93	87	4 196	4,056	9,950	2,453	1,983
94	88	2 852	2,558	5,894	2,304	1,833
95	89	1 834	1,527	3,336	2,185	1,714
96	90	1 138	0,879	1,809	2,057	1,587
97	91	667	0,478	0,930	1,945	1,474
98	92	367	0,245	0,452	1,847	1,377
99	93	191	0,118	0,207	1,760	1,290
100	94	93	0,053	0,089	1,684	1,213

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	59 041,546	808 220,731	13,689	13,218
8	1	99 245	54 622,455	749 179,184	13,716	13,245
9	2	99 214	50 677,852	694 556,729	13,705	13,235
10	3	99 194	47 023,427	643 878,877	13,693	13,222
11	4	99 175	43 632,676	596 855,450	13,679	13,208
12	5	99 157	40 487,065	553 222,773	13,664	13,194
13	6	99 142	37 569,240	512 735,708	13,648	13,177
14	7	99 126	34 861,415	475 166,468	13,630	13,159
15	8	99 109	32 348,479	440 305,053	13,611	13,141
16	9	99 088	30 015,420	407 956,573	13,592	13,121
17	10	99 056	27 847,561	377 941,154	13,572	13,101
18	11	99 021	25 835,495	350 093,592	13,551	13,080
19	12	98 976	23 966,281	324 258,097	13,530	13,059
20	13	98 927	22 231,442	300 291,816	13,508	13,037
21	14	98 874	20 621,361	278 060,374	13,484	13,013
22	15	98 819	19 127,588	257 439,013	13,459	12,988
23	16	98 762	17 741,596	238 311,425	13,432	12,962
24	17	98 703	16 455,635	220 569,830	13,404	12,933
25	18	98 641	15 262,433	204 114,195	13,374	12,903
26	19	98 573	14 154,973	188 851,762	13,342	12,871
27	20	98 507	13 128,107	174 696,789	13,307	12,836
28	21	98 437	12 175,173	161 568,683	13,270	12,800
29	22	98 370	11 291,775	149 393,509	13,230	12,760
30	23	98 297	10 471,792	138 101,734	13,188	12,717
31	24	98 219	9 710,894	127 629,942	13,143	12,672
32	25	98 135	9 004,700	117 919,048	13,095	12,625
33	26	98 048	8 349,619	108 914,348	13,044	12,574
34	27	97 959	7 742,057	100 564,729	12,989	12,519
35	28	97 859	7 177,850	92 822,672	12,932	12,461
36	29	97 747	6 654,004	85 644,822	12,871	12,401
37	30	97 635	6 168,333	78 990,819	12,806	12,335
38	31	97 515	5 717,609	72 822,485	12,737	12,266
39	32	97 381	5 299,105	67 104,876	12,663	12,193
40	33	97 241	4 910,890	61 805,771	12,585	12,115
41	34	97 085	4 550,323	56 894,881	12,503	12,033
42	35	96 918	4 215,794	52 344,558	12,416	11,946
43	36	96 735	3 905,168	48 128,764	12,324	11,854
44	37	96 531	3 616,654	44 223,596	12,228	11,757
45	38	96 313	3 348,955	40 606,942	12,125	11,655
46	39	96 060	3 099,908	37 257,988	12,019	11,548
47	40	95 793	2 868,949	34 158,080	11,906	11,435
48	41	95 490	2 654,177	31 289,130	11,789	11,318
49	42	95 152	2 454,540	28 634,953	11,666	11,195
50	43	94 774	2 268,942	26 180,414	11,539	11,068
51	44	94 355	2 096,451	23 911,472	11,406	10,935
52	45	93 895	1 936,173	21 815,021	11,267	10,796
53	46	93 376	1 786,971	19 878,848	11,124	10,654
54	47	92 792	1 648,077	18 091,877	10,978	10,507
55	48	92 142	1 518,831	16 443,800	10,827	10,356
56	49	91 429	1 398,681	14 924,969	10,671	10,200
57	50	90 640	1 286,878	13 526,288	10,511	10,040
58	51	89 780	1 182,977	12 239,410	10,346	9,876
59	52	88 825	1 086,219	11 056,433	10,179	9,708
60	53	87 788	996,314	9 970,214	10,007	9,536
61	54	86 669	912,867	8 973,899	9,830	9,360
62	55	85 458	835,378	8 061,032	9,650	9,179
63	56	84 142	763,353	7 225,654	9,466	8,995
64	57	82 742	696,660	6 462,301	9,276	8,805
65	58	81 235	634,777	5 765,641	9,083	8,612
66	59	79 634	577,509	5 130,864	8,884	8,414
67	60	77 954	524,664	4 553,355	8,679	8,208
68	61	76 142	475,607	4 028,691	8,471	8,000
69	62	74 300	430,719	3 553,084	8,249	7,779
70	63	72 324	389,112	3 122,365	8,024	7,554
71	64	70 238	350,710	2 733,253	7,793	7,323
72	65	68 026	315,232	2 382,543	7,558	7,087
73	66	65 716	282,626	2 067,311	7,315	6,844
74	67	63 299	252,649	1 784,686	7,064	6,593
75	68	60 747	225,024	1 532,037	6,808	6,338
76	69	58 080	199,671	1 307,012	6,546	6,075
77	70	55 270	176,342	1 107,341	6,280	5,809
78	71	52 344	154,995	930,999	6,007	5,536
79	72	49 255	135,358	776,004	5,733	5,262
80	73	46 007	117,340	640,646	5,460	4,989
81	74	42 641	100,933	523,306	5,185	4,714
82	75	39 123	85,945	422,374	4,914	4,444
83	76	35 508	72,392	336,429	4,647	4,177
84	77	31 787	60,146	264,037	4,390	3,919
85	78	28 054	49,264	203,892	4,139	3,668
86	79	24 334	39,658	154,628	3,899	3,428
87	80	20 709	31,322	114,970	3,671	3,200
88	81	17 265	24,235	83,648	3,451	2,981
89	82	14 069	18,329	59,412	3,241	2,771
90	83	11 191	13,530	41,083	3,036	2,566
91	84	8 648	9,704	27,553	2,839	2,369
92	85	6 434	6,700	17,849	2,664	2,193
93	86	4 606	4,451	11,149	2,505	2,034
94	87	3 173	2,846	6,698	2,353	1,883
95	88	2 072	1,725	3,852	2,233	1,762
96	89	1 310	1,012	2,127	2,102	1,631
97	90	782	0,561	1,115	1,987	1,517
98	91	441	0,294	0,554	1,886	1,415
99	92	235	0,145	0,260	1,796	1,325
100	93	117	0,067	0,115	1,716	1,245

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8	0	99 550	54 790,325	749 526,334	13,680	13,209
9	1	99 237	50 689,564	694 736,008	13,706	13,235
10	2	99 206	47 029,027	644 046,444	13,695	13,224
11	3	99 187	43 637,875	597 017,417	13,681	13,211
12	4	99 166	40 490,747	553 379,542	13,667	13,196
13	5	99 149	37 572,058	512 888,795	13,651	13,180
14	6	99 132	34 863,710	475 316,736	13,634	13,163
15	7	99 114	32 350,074	440 453,026	13,615	13,145
16	8	99 094	30 017,278	408 102,952	13,596	13,125
17	9	99 062	27 849,363	378 085,674	13,576	13,105
18	10	99 027	25 837,026	350 236,311	13,556	13,085
19	11	98 983	23 968,066	324 399,285	13,535	13,064
20	12	98 934	22 233,201	300 431,218	13,513	13,042
21	13	98 882	20 623,129	278 198,017	13,490	13,019
22	14	98 829	19 129,595	257 574,889	13,465	12,994
23	15	98 774	17 743,815	238 445,293	13,438	12,968
24	16	98 717	16 457,957	220 701,478	13,410	12,939
25	17	98 655	15 264,668	204 243,521	13,380	12,909
26	18	98 593	14 157,856	188 978,853	13,348	12,877
27	19	98 526	13 130,641	174 820,997	13,314	12,843
28	20	98 455	12 177,428	161 690,356	13,278	12,807
29	21	98 386	11 293,645	149 512,928	13,239	12,768
30	22	98 314	10 473,605	138 219,283	13,197	12,726
31	23	98 240	9 713,002	127 745,678	13,152	12,681
32	24	98 151	9 006,227	118 032,677	13,106	12,635
33	25	98 066	8 351,176	109 026,449	13,055	12,585
34	26	97 978	7 743,564	100 675,273	13,001	12,530
35	27	97 880	7 179,418	92 931,710	12,944	12,474
36	28	97 772	6 655,663	85 752,292	12,884	12,413
37	29	97 661	6 169,930	79 096,629	12,820	12,349
38	30	97 544	5 719,307	72 926,698	12,751	12,280
39	31	97 413	5 300,797	67 207,391	12,679	12,208
40	32	97 275	4 912,595	61 906,594	12,602	12,131
41	33	97 119	4 551,943	56 993,999	12,521	12,050
42	34	96 956	4 217,444	52 442,055	12,435	11,964
43	35	96 774	3 906,740	48 224,612	12,344	11,873
44	36	96 576	3 618,350	44 317,871	12,248	11,777
45	37	96 358	3 350,496	40 699,521	12,147	11,677
46	38	96 117	3 101,725	37 349,025	12,041	11,571
47	39	95 850	2 870,659	34 247,300	11,930	11,459
48	40	95 555	2 655,979	31 376,641	11,814	11,343
49	41	95 224	2 456,413	28 720,661	11,692	11,221
50	42	94 852	2 270,826	26 264,248	11,566	11,095
51	43	94 440	2 098,339	23 993,421	11,434	10,964
52	44	93 991	1 938,150	21 895,082	11,297	10,826
53	45	93 480	1 788,960	19 956,932	11,156	10,685
54	46	92 910	1 650,172	18 167,972	11,010	10,539
55	47	92 275	1 521,012	16 517,800	10,860	10,389
56	48	91 576	1 400,922	14 996,788	10,705	10,234
57	49	90 805	1 289,213	13 595,866	10,546	10,075
58	50	89 957	1 185,313	12 306,653	10,383	9,912
59	51	89 022	1 088,624	11 121,340	10,216	9,745
60	52	88 004	998,767	10 032,716	10,045	9,574
61	53	86 906	915,369	9 033,950	9,869	9,399
62	54	85 716	837,899	8 118,580	9,689	9,219
63	55	84 422	765,891	7 280,681	9,506	9,035
64	56	83 043	699,190	6 514,790	9,318	8,847
65	57	81 561	637,321	5 815,600	9,125	8,654
66	58	79 987	580,067	5 178,278	8,927	8,456
67	59	78 332	527,210	4 598,211	8,722	8,251
68	60	76 555	478,185	4 071,001	8,513	8,043
69	61	74 718	433,143	3 592,816	8,295	7,824
70	62	72 766	391,491	3 159,673	8,071	7,600
71	63	70 704	353,034	2 768,182	7,841	7,370
72	64	68 525	317,546	2 415,148	7,606	7,135
73	65	66 247	284,908	2 097,602	7,362	6,892
74	66	63 857	254,875	1 812,694	7,112	6,641
75	67	61 342	227,227	1 557,818	6,856	6,385
76	68	58 680	201,732	1 330,591	6,596	6,125
77	69	55 894	178,334	1 128,859	6,330	5,859
78	70	52 989	156,907	950,525	6,058	5,587
79	71	49 923	137,195	793,618	5,785	5,314
80	72	46 680	119,055	656,423	5,514	5,043
81	73	43 312	102,520	537,368	5,242	4,771
82	74	39 804	87,441	434,848	4,973	4,502
83	75	36 198	73,799	347,407	4,707	4,237
84	76	32 497	61,488	273,608	4,450	3,979
85	77	28 757	50,499	212,120	4,201	3,730
86	78	25 038	40,805	161,622	3,961	3,490
87	79	21 414	32,388	120,817	3,730	3,260
88	80	17 955	25,203	88,429	3,509	3,038
89	81	14 718	19,174	63,225	3,297	2,827
90	82	11 784	14,247	44,052	3,092	2,621
91	83	9 181	10,302	29,804	2,893	2,422
92	84	6 898	7,183	19,502	2,715	2,244
93	85	4 991	4,824	12,319	2,554	2,083
94	86	3 483	3,124	7,495	2,399	1,929
95	87	2 305	1,919	4,371	2,278	1,807
96	88	1 480	1,143	2,452	2,145	1,674
97	89	900	0,645	1,309	2,028	1,557
98	90	518	0,345	0,663	1,925	1,454
99	91	282	0,174	0,319	1,831	1,361
100	92	144	0,083	0,145	1,749	1,278

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9	0	99 542	50 845,347	695 055,163	13,670	13,199
10	1	99 229	47 039,896	644 209,816	13,695	13,224
11	2	99 199	43 643,072	597 169,920	13,683	13,212
12	3	99 178	40 495,572	553 526,847	13,669	13,198
13	4	99 158	37 575,475	513 031,276	13,653	13,183
14	5	99 140	34 866,325	475 455,801	13,637	13,166
15	6	99 120	32 352,204	440 589,476	13,619	13,148
16	7	99 099	30 018,758	408 237,272	13,599	13,129
17	8	99 069	27 851,088	378 218,514	13,580	13,109
18	9	99 033	25 838,698	350 367,427	13,560	13,089
19	10	98 989	23 969,487	324 528,729	13,539	13,069
20	11	98 942	22 234,857	300 559,242	13,517	13,047
21	12	98 890	20 624,760	278 324,385	13,495	13,024
22	13	98 838	19 131,235	257 699,625	13,470	12,999
23	14	98 785	17 745,678	238 568,389	13,444	12,973
24	15	98 729	16 460,016	220 822,712	13,416	12,945
25	16	98 669	15 266,822	204 362,696	13,386	12,915
26	17	98 608	14 159,929	189 095,874	13,354	12,884
27	18	98 546	13 133,316	174 935,944	13,320	12,849
28	19	98 474	12 179,779	161 802,629	13,285	12,814
29	20	98 405	11 295,736	149 622,850	13,246	12,775
30	21	98 330	10 475,339	138 327,113	13,205	12,734
31	22	98 257	9 714,683	127 851,774	13,161	12,690
32	23	98 173	9 008,182	118 137,091	13,114	12,644
33	24	98 082	8 352,592	109 128,909	13,065	12,595
34	25	97 996	7 745,008	100 776,317	13,012	12,541
35	26	97 899	7 180,815	93 031,309	12,956	12,485
36	27	97 793	6 657,118	85 850,494	12,896	12,425
37	28	97 685	6 171,469	79 193,377	12,832	12,362
38	29	97 569	5 720,788	73 021,908	12,764	12,294
39	30	97 442	5 302,371	67 301,120	12,693	12,222
40	31	97 306	4 914,164	61 998,748	12,616	12,146
41	32	97 153	4 553,524	57 084,584	12,536	12,066
42	33	96 991	4 218,946	52 531,061	12,451	11,981
43	34	96 812	3 908,269	48 312,115	12,362	11,891
44	35	96 615	3 619,807	44 403,846	12,267	11,796
45	36	96 403	3 352,068	40 784,039	12,167	11,696
46	37	96 161	3 103,153	37 431,971	12,063	11,592
47	38	95 907	2 872,342	34 328,818	11,952	11,481
48	39	95 612	2 657,563	31 456,476	11,837	11,366
49	40	95 289	2 458,082	28 798,914	11,716	11,245
50	41	94 925	2 272,560	26 340,832	11,591	11,120
51	42	94 519	2 100,082	24 068,272	11,461	10,990
52	43	94 076	1 939,896	21 968,190	11,324	10,854
53	44	93 575	1 790,787	20 028,294	11,184	10,713
54	45	93 013	1 652,009	18 237,507	11,040	10,569
55	46	92 392	1 522,946	16 585,498	10,890	10,420
56	47	91 707	1 402,933	15 062,553	10,736	10,266
57	48	90 950	1 291,279	13 659,620	10,578	10,108
58	49	90 120	1 187,464	12 368,341	10,416	9,945
59	50	89 198	1 090,773	11 180,877	10,250	9,780
60	51	88 198	1 000,978	10 090,104	10,080	9,610
61	52	87 120	917,622	9 089,126	9,905	9,434
62	53	85 951	840,196	8 171,504	9,726	9,255
63	54	84 677	768,203	7 331,308	9,543	9,073
64	55	83 319	701,515	6 563,105	9,356	8,885
65	56	81 857	639,636	5 861,591	9,164	8,693
66	57	80 307	582,392	5 221,954	8,966	8,496
67	58	78 679	529,546	4 639,562	8,761	8,291
68	59	76 926	480,506	4 110,016	8,554	8,083
69	60	75 123	435,491	3 629,510	8,334	7,864
70	61	73 176	393,694	3 194,020	8,113	7,642
71	62	71 136	355,193	2 800,326	7,884	7,413
72	63	68 979	319,650	2 445,133	7,649	7,179
73	64	66 733	287,000	2 125,483	7,406	6,935
74	65	64 372	256,934	1 838,483	7,155	6,685
75	66	61 882	229,230	1 581,549	6,899	6,429
76	67	59 254	203,707	1 352,320	6,639	6,168
77	68	56 471	180,175	1 148,613	6,375	5,904
78	69	53 588	158,680	968,438	6,103	5,632
79	70	50 539	138,887	809,758	5,830	5,360
80	71	47 313	120,671	670,871	5,560	5,089
81	72	43 945	104,019	550,200	5,289	4,819
82	73	40 430	88,816	446,181	5,024	4,553
83	74	36 828	75,084	357,366	4,760	4,289
84	75	33 128	62,683	282,282	4,503	4,033
85	76	29 399	51,625	219,599	4,254	3,783
86	77	25 665	41,828	167,974	4,016	3,545
87	78	22 033	33,325	126,146	3,785	3,315
88	79	18 566	26,061	92,821	3,562	3,091
89	80	15 306	19,940	66,760	3,348	2,877
90	81	12 327	14,904	46,821	3,141	2,671
91	82	9 668	10,848	31,916	2,942	2,471
92	83	7 323	7,626	21,068	2,763	2,292
93	84	5 351	5,172	13,442	2,599	2,129
94	85	3 774	3,385	8,270	2,443	1,972
95	86	2 530	2,106	4,885	2,319	1,849
96	87	1 646	1,272	2,779	2,185	1,714
97	88	1 017	0,729	1,507	2,067	1,596
98	89	596	0,397	0,778	1,961	1,491
99	90	331	0,204	0,381	1,867	1,396
100	91	173	0,099	0,177	1,781	1,311

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10	0	99 534	47 184,463	644 503,235	13,659	13,189
11	1	99 221	43 653,159	597 318,773	13,683	13,213
12	2	99 190	40 500,394	553 665,614	13,671	13,200
13	3	99 170	37 579,952	513 165,220	13,655	13,185
14	4	99 149	34 869,496	475 585,268	13,639	13,168
15	5	99 128	32 354,630	440 715,772	13,621	13,151
16	6	99 106	30 020,734	408 361,142	13,603	13,132
17	7	99 073	27 852,461	378 340,408	13,584	13,113
18	8	99 040	25 840,298	350 487,947	13,564	13,093
19	9	98 995	23 971,038	324 647,649	13,543	13,073
20	10	98 948	22 236,174	300 676,612	13,522	13,051
21	11	98 897	20 626,297	278 440,437	13,499	13,029
22	12	98 846	19 132,749	257 814,140	13,475	13,004
23	13	98 793	17 747,199	238 681,391	13,449	12,978
24	14	98 739	16 461,743	220 934,193	13,421	12,950
25	15	98 681	15 268,732	204 472,449	13,392	12,921
26	16	98 622	14 161,927	189 203,717	13,360	12,889
27	17	98 561	13 135,239	175 041,789	13,326	12,855
28	18	98 494	12 182,260	161 906,551	13,290	12,820
29	19	98 424	11 297,917	149 724,290	13,252	12,782
30	20	98 348	10 477,279	138 426,373	13,212	12,741
31	21	98 273	9 716,292	127 949,094	13,169	12,698
32	22	98 190	9 009,741	118 232,803	13,123	12,652
33	23	98 104	8 354,405	109 223,062	13,074	12,603
34	24	98 013	7 746,321	100 868,657	13,021	12,551
35	25	97 917	7 182,154	93 122,335	12,966	12,495
36	26	97 812	6 658,413	85 940,181	12,907	12,436
37	27	97 706	6 172,818	79 281,768	12,844	12,373
38	28	97 593	5 722,215	73 108,951	12,776	12,306
39	29	97 467	5 303,744	67 386,736	12,706	12,235
40	30	97 335	4 915,624	62 082,992	12,630	12,159
41	31	97 184	4 554,978	57 167,368	12,551	12,080
42	32	97 024	4 220,411	52 612,391	12,466	11,996
43	33	96 846	3 909,661	48 391,980	12,378	11,907
44	34	96 653	3 621,224	44 482,319	12,284	11,813
45	35	96 442	3 353,418	40 861,096	12,185	11,714
46	36	96 206	3 104,608	37 507,678	12,081	11,611
47	37	95 951	2 873,664	34 403,069	11,972	11,501
48	38	95 668	2 659,120	31 529,405	11,857	11,386
49	39	95 346	2 459,547	28 870,285	11,738	11,267
50	40	94 989	2 274,103	26 410,738	11,614	11,143
51	41	94 591	2 101,685	24 136,635	11,484	11,014
52	42	94 154	1 941,507	22 034,950	11,349	10,879
53	43	93 659	1 792,400	20 093,443	11,210	10,740
54	44	93 108	1 653,696	18 301,043	11,067	10,596
55	45	92 495	1 524,641	16 647,347	10,919	10,448
56	46	91 824	1 404,717	15 122,706	10,766	10,295
57	47	91 081	1 293,133	13 717,989	10,608	10,138
58	48	90 265	1 189,366	12 424,857	10,447	9,976
59	49	89 360	1 092,753	11 235,491	10,282	9,811
60	50	88 373	1 002,954	10 142,738	10,113	9,642
61	51	87 313	919,654	9 139,784	9,938	9,468
62	52	86 163	842,264	8 220,130	9,760	9,289
63	53	84 909	770,308	7 377,866	9,578	9,107
64	54	83 570	703,632	6 607,558	9,391	8,920
65	55	82 129	641,763	5 903,926	9,200	8,729
66	56	80 599	584,508	5 262,163	9,003	8,532
67	57	78 995	531,668	4 677,656	8,798	8,327
68	58	77 267	482,634	4 145,987	8,590	8,120
69	59	75 487	437,604	3 663,353	8,371	7,901
70	60	73 573	395,828	3 225,748	8,149	7,679
71	61	71 536	357,191	2 829,921	7,923	7,452
72	62	69 401	321,605	2 472,730	7,689	7,218
73	63	67 176	288,902	2 151,125	7,446	6,975
74	64	64 845	258,820	1 862,223	7,195	6,724
75	65	62 382	231,081	1 603,403	6,939	6,468
76	66	59 776	205,502	1 372,322	6,678	6,207
77	67	57 024	181,939	1 166,820	6,413	5,943
78	68	54 141	160,317	984,881	6,143	5,673
79	69	51 110	140,456	824,564	5,871	5,400
80	70	47 897	122,159	684,107	5,600	5,129
81	71	44 542	105,431	561,948	5,330	4,859
82	72	41 021	90,114	456,518	5,066	4,595
83	73	37 407	76,264	366,404	4,804	4,334
84	74	33 705	63,774	290,139	4,550	4,079
85	75	29 970	52,629	226,365	4,301	3,830
86	76	26 238	42,761	173,736	4,063	3,592
87	77	22 585	34,160	130,975	3,834	3,364
88	78	19 103	26,815	96,815	3,611	3,140
89	79	15 827	20,618	70,001	3,395	2,924
90	80	12 819	15,499	49,382	3,186	2,715
91	81	10 114	11,348	33,883	2,986	2,515
92	82	7 711	8,030	22,534	2,806	2,336
93	83	5 681	5,491	14,504	2,642	2,171
94	84	4 046	3,629	9,014	2,484	2,013
95	85	2 742	2,283	5,384	2,359	1,888
96	86	1 807	1,396	3,102	2,222	1,751
97	87	1 132	0,811	1,706	2,102	1,632
98	88	673	0,448	0,894	1,997	1,526
99	89	380	0,235	0,446	1,900	1,429
100	90	203	0,117	0,211	1,814	1,343

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
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10						
11	0	99 526	43 787,317	597 588,538	13,648	13,177
12	1	99 213	40 509,754	553 801,221	13,671	13,200
13	2	99 182	37 584,428	513 291,467	13,657	13,186
14	3	99 161	34 873,650	475 707,039	13,641	13,170
15	4	99 137	32 357,572	440 833,389	13,624	13,153
16	5	99 113	30 022,986	408 475,816	13,605	13,135
17	6	99 080	27 854,294	378 452,831	13,587	13,116
18	7	99 044	25 841,572	350 598,537	13,567	13,097
19	8	99 002	23 972,522	324 756,965	13,547	13,076
20	9	98 954	22 237,613	300 784,443	13,526	13,055
21	10	98 903	20 627,519	278 546,829	13,504	13,033
22	11	98 853	19 134,174	257 919,310	13,480	13,009
23	12	98 801	17 748,603	238 785,136	13,454	12,983
24	13	98 748	16 463,155	221 036,533	13,426	12,955
25	14	98 692	15 270,335	204 573,379	13,397	12,926
26	15	98 634	14 163,699	189 303,044	13,365	12,895
27	16	98 575	13 137,093	175 139,344	13,332	12,861
28	17	98 509	12 184,044	162 002,252	13,296	12,826
29	18	98 444	11 300,218	149 818,208	13,258	12,787
30	19	98 367	10 479,302	138 517,990	13,218	12,748
31	20	98 292	9 718,091	128 038,688	13,175	12,705
32	21	98 206	9 011,233	118 320,597	13,130	12,660
33	22	98 121	8 355,851	109 309,364	13,082	12,611
34	23	98 034	7 748,003	100 953,513	13,030	12,559
35	24	97 934	7 183,372	93 205,510	12,975	12,505
36	25	97 830	6 659,655	86 022,138	12,917	12,446
37	26	97 725	6 174,019	79 362,483	12,854	12,384
38	27	97 615	5 723,465	73 188,464	12,787	12,317
39	28	97 491	5 305,067	67 464,999	12,717	12,246
40	29	97 360	4 916,896	62 159,932	12,642	12,171
41	30	97 213	4 556,330	57 243,036	12,563	12,093
42	31	97 055	4 221,758	52 686,706	12,480	12,009
43	32	96 880	3 911,018	48 464,948	12,392	11,921
44	33	96 687	3 622,513	44 553,930	12,299	11,829
45	34	96 480	3 354,730	40 931,416	12,201	11,730
46	35	96 245	3 105,858	37 576,686	12,099	11,628
47	36	95 996	2 875,012	34 470,828	11,990	11,519
48	37	95 712	2 660,344	31 595,816	11,877	11,406
49	38	95 402	2 460,988	28 935,472	11,758	11,287
50	39	95 046	2 275,459	26 474,483	11,635	11,164
51	40	94 655	2 103,113	24 199,024	11,506	11,036
52	41	94 226	1 942,989	22 095,912	11,372	10,901
53	42	93 737	1 793,889	20 152,923	11,234	10,764
54	43	93 192	1 655,186	18 359,034	11,092	10,621
55	44	92 589	1 526,198	16 703,849	10,945	10,474
56	45	91 926	1 406,280	15 177,651	10,793	10,322
57	46	91 197	1 294,777	13 771,371	10,636	10,165
58	47	90 394	1 191,074	12 476,594	10,475	10,004
59	48	89 503	1 094,503	11 285,520	10,311	9,840
60	49	88 533	1 004,774	10 191,017	10,143	9,672
61	50	87 485	921,470	9 186,243	9,969	9,498
62	51	86 353	844,128	8 264,773	9,791	9,320
63	52	85 118	772,204	7 420,645	9,610	9,139
64	53	83 799	705,561	6 648,441	9,423	8,952
65	54	82 377	643,700	5 942,880	9,232	8,762
66	55	80 867	586,451	5 299,180	9,036	8,565
67	56	79 282	533,600	4 712,729	8,832	8,361
68	57	77 577	484,569	4 179,130	8,624	8,154
69	58	75 822	439,543	3 694,561	8,405	7,935
70	59	73 930	397,749	3 255,018	8,184	7,713
71	60	71 924	359,127	2 857,269	7,956	7,485
72	61	69 792	323,414	2 498,142	7,724	7,254
73	62	67 586	290,668	2 174,728	7,482	7,011
74	63	65 275	260,536	1 884,059	7,231	6,761
75	64	62 840	232,777	1 623,524	6,975	6,504
76	65	60 259	207,162	1 390,746	6,713	6,243
77	66	57 526	183,542	1 183,584	6,449	5,978
78	67	54 671	161,887	1 000,043	6,177	5,707
79	68	51 638	141,906	838,156	5,906	5,436
80	69	48 438	123,539	696,250	5,636	5,165
81	70	45 091	106,731	572,711	5,366	4,895
82	71	41 578	91,337	465,980	5,102	4,631
83	72	37 954	77,379	374,642	4,842	4,371
84	73	34 235	64,777	297,263	4,589	4,118
85	74	30 492	53,545	232,486	4,342	3,871
86	75	26 748	43,592	178,941	4,105	3,634
87	76	23 089	34,922	135,349	3,876	3,405
88	77	19 582	27,487	100,427	3,654	3,183
89	78	16 284	21,215	72,940	3,438	2,968
90	79	13 256	16,027	51,725	3,227	2,757
91	80	10 518	11,802	35,698	3,025	2,554
92	81	8 067	8,400	23,897	2,845	2,374
93	82	5 982	5,782	15,496	2,680	2,210
94	83	4 296	3,853	9,715	2,521	2,051
95	84	2 940	2,447	5,862	2,395	1,925
96	85	1 958	1,513	3,414	2,257	1,787
97	86	1 242	0,890	1,902	2,136	1,665
98	87	749	0,498	1,011	2,029	1,558
99	88	430	0,265	0,513	1,932	1,461
100	89	234	0,134	0,247	1,844	1,373

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	40 634,252	554 049,243	13,635	13,164
13	1	99 205	37 593,114	513 414,991	13,657	13,186
14	2	99 172	34 877,804	475 821,877	13,643	13,172
15	3	99 149	32 361,428	440 944,074	13,626	13,155
16	4	99 122	30 025,716	408 582,646	13,608	13,137
17	5	99 087	27 856,383	378 556,930	13,590	13,119
18	6	99 051	25 843,273	350 700,547	13,570	13,100
19	7	99 006	23 973,704	324 857,274	13,551	13,080
20	8	98 960	22 238,990	300 883,570	13,530	13,059
21	9	98 909	20 628,854	278 644,580	13,508	13,037
22	10	98 859	19 135,308	258 015,726	13,484	13,013
23	11	98 808	17 749,925	238 880,418	13,458	12,987
24	12	98 756	16 464,457	221 130,493	13,431	12,960
25	13	98 700	15 271,644	204 666,036	13,402	12,931
26	14	98 644	14 165,186	189 394,392	13,370	12,900
27	15	98 587	13 138,736	175 229,206	13,337	12,866
28	16	98 523	12 185,763	162 090,470	13,302	12,831
29	17	98 458	11 301,873	149 904,706	13,264	12,793
30	18	98 387	10 481,436	138 602,833	13,224	12,753
31	19	98 311	9 719,967	128 121,397	13,181	12,711
32	20	98 224	9 012,902	118 401,430	13,137	12,666
33	21	98 137	8 357,235	109 388,528	13,089	12,618
34	22	98 051	7 749,344	101 031,293	13,037	12,567
35	23	97 955	7 184,931	93 281,950	12,983	12,512
36	24	97 847	6 660,784	86 097,019	12,926	12,455
37	25	97 744	6 175,170	79 436,234	12,864	12,393
38	26	97 634	5 724,579	73 261,064	12,798	12,327
39	27	97 512	5 306,226	67 536,485	12,728	12,257
40	28	97 385	4 918,123	62 230,259	12,653	12,183
41	29	97 238	4 557,510	57 312,136	12,575	12,105
42	30	97 084	4 223,012	52 754,627	12,492	12,022
43	31	96 911	3 912,267	48 531,615	12,405	11,934
44	32	96 721	3 623,771	44 619,348	12,313	11,842
45	33	96 514	3 355,925	40 995,577	12,216	11,745
46	34	96 282	3 107,074	37 639,652	12,114	11,644
47	35	96 034	2 876,170	34 532,578	12,006	11,536
48	36	95 757	2 661,592	31 656,409	11,894	11,423
49	37	95 446	2 462,121	28 994,816	11,776	11,306
50	38	95 102	2 276,792	26 532,695	11,654	11,183
51	39	94 711	2 104,366	24 255,903	11,526	11,056
52	40	94 290	1 944,309	22 151,537	11,393	10,922
53	41	93 809	1 795,258	20 207,228	11,256	10,785
54	42	93 270	1 656,560	18 411,970	11,115	10,644
55	43	92 673	1 527,572	16 755,410	10,969	10,498
56	44	92 020	1 407,716	15 227,837	10,817	10,347
57	45	91 298	1 296,218	13 820,121	10,662	10,191
58	46	90 509	1 192,588	12 523,903	10,501	10,031
59	47	89 631	1 096,075	11 331,315	10,338	9,867
60	48	88 675	1 006,384	10 235,240	10,170	9,700
61	49	87 644	923,142	9 228,856	9,997	9,527
62	50	86 524	845,795	8 305,715	9,820	9,349
63	51	85 306	773,914	7 459,919	9,639	9,169
64	52	84 006	707,297	6 686,006	9,453	8,982
65	53	82 603	645,464	5 978,709	9,263	8,792
66	54	81 111	588,221	5 333,244	9,067	8,596
67	55	79 545	535,373	4 745,023	8,863	8,392
68	56	77 858	486,329	4 209,650	8,656	8,185
69	57	76 126	441,305	3 723,321	8,437	7,966
70	58	74 257	399,511	3 282,016	8,215	7,744
71	59	72 273	360,870	2 882,505	7,988	7,517
72	60	70 170	325,167	2 521,635	7,755	7,284
73	61	67 967	292,304	2 196,468	7,514	7,044
74	62	65 674	262,128	1 904,164	7,264	6,794
75	63	63 257	234,320	1 642,036	7,008	6,537
76	64	60 701	208,683	1 407,715	6,746	6,275
77	65	57 991	185,024	1 199,033	6,480	6,010
78	66	55 153	163,313	1 014,009	6,209	5,738
79	67	52 143	143,295	850,695	5,937	5,466
80	68	48 938	124,814	707,400	5,668	5,197
81	69	45 600	107,937	582,586	5,397	4,927
82	70	42 091	92,464	474,649	5,133	4,663
83	71	38 469	78,430	382,185	4,873	4,402
84	72	34 736	65,724	303,756	4,622	4,151
85	73	30 972	54,387	238,032	4,377	3,906
86	74	27 214	44,351	183,645	4,141	3,670
87	75	23 538	35,601	139,294	3,913	3,442
88	76	20 018	28,100	103,693	3,690	3,219
89	77	16 693	21,746	75,593	3,476	3,005
90	78	13 639	16,490	53,846	3,265	2,795
91	79	10 876	12,204	37,356	3,061	2,590
92	80	8 389	8,736	25,152	2,879	2,409
93	81	6 258	6,048	16,416	2,714	2,244
94	82	4 523	4,057	10,368	2,555	2,085
95	83	3 121	2,598	6,311	2,429	1,959
96	84	2 099	1,622	3,713	2,290	1,819
97	85	1 346	0,965	2,091	2,167	1,697
98	86	822	0,547	1,126	2,059	1,588
99	87	478	0,295	0,579	1,961	1,491
100	88	264	0,152	0,284	1,873	1,403

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	37 708,648	513 643,030	13,621	13,151
14	1	99 195	34 885,864	475 934,382	13,643	13,172
15	2	99 160	32 365,282	441 048,518	13,627	13,157
16	3	99 134	30 029,294	408 683,236	13,609	13,139
17	4	99 096	27 858,916	378 653,943	13,592	13,121
18	5	99 058	25 845,211	350 795,026	13,573	13,102
19	6	99 013	23 975,282	324 949,815	13,554	13,083
20	7	98 965	22 240,087	300 974,533	13,533	13,062
21	8	98 916	20 630,131	278 734,446	13,511	13,040
22	9	98 865	19 136,546	258 104,315	13,488	13,017
23	10	98 814	17 750,977	238 967,769	13,462	12,992
24	11	98 763	16 465,684	221 216,792	13,435	12,964
25	12	98 708	15 272,852	204 751,108	13,406	12,936
26	13	98 653	14 166,400	189 478,256	13,375	12,905
27	14	98 597	13 140,115	175 311,856	13,342	12,871
28	15	98 535	12 187,288	162 171,741	13,307	12,836
29	16	98 472	11 303,468	149 984,453	13,269	12,798
30	17	98 402	10 482,971	138 680,985	13,229	12,759
31	18	98 331	9 721,947	128 198,014	13,186	12,716
32	19	98 243	9 014,642	118 476,067	13,143	12,672
33	20	98 155	8 358,782	109 461,425	13,095	12,625
34	21	98 067	7 750,627	101 102,643	13,044	12,574
35	22	97 972	7 186,175	93 352,016	12,991	12,520
36	23	97 868	6 662,230	86 165,841	12,933	12,463
37	24	97 760	6 176,218	79 503,611	12,873	12,402
38	25	97 652	5 725,647	73 327,393	12,807	12,336
39	26	97 531	5 307,259	67 601,747	12,738	12,267
40	27	97 406	4 919,197	62 294,488	12,664	12,193
41	28	97 262	4 558,647	57 375,291	12,586	12,115
42	29	97 109	4 224,105	52 816,644	12,504	12,033
43	30	96 939	3 913,429	48 592,539	12,417	11,946
44	31	96 752	3 624,928	44 679,110	12,326	11,855
45	32	96 547	3 357,090	41 054,182	12,229	11,758
46	33	96 317	3 108,180	37 697,092	12,128	11,658
47	34	96 072	2 877,295	34 588,912	12,021	11,551
48	35	95 796	2 662,664	31 711,617	11,910	11,439
49	36	95 490	2 463,276	29 048,953	11,793	11,322
50	37	95 145	2 277,841	26 585,677	11,671	11,201
51	38	94 767	2 105,599	24 307,836	11,544	11,074
52	39	94 346	1 945,467	22 202,237	11,412	10,942
53	40	93 872	1 796,477	20 256,770	11,276	10,805
54	41	93 341	1 657,825	18 460,292	11,135	10,665
55	42	92 750	1 528,841	16 802,467	10,990	10,520
56	43	92 103	1 408,984	15 273,626	10,840	10,370
57	44	91 392	1 297,542	13 864,642	10,685	10,215
58	45	90 610	1 193,916	12 567,100	10,526	10,055
59	46	89 745	1 097,468	11 373,185	10,363	9,892
60	47	88 802	1 007,829	10 275,717	10,196	9,725
61	48	87 784	924,621	9 267,888	10,023	9,553
62	49	86 681	847,330	8 343,267	9,847	9,376
63	50	85 475	775,442	7 495,937	9,667	9,196
64	51	84 191	708,863	6 720,496	9,481	9,010
65	52	82 806	647,053	6 011,632	9,291	8,820
66	53	81 334	589,833	5 364,580	9,095	8,624
67	54	79 785	536,990	4 774,746	8,892	8,421
68	55	78 117	487,946	4 237,757	8,685	8,214
69	56	76 402	442,908	3 749,811	8,466	7,996
70	57	74 555	401,112	3 306,904	8,244	7,774
71	58	72 593	362,469	2 905,791	8,017	7,546
72	59	70 510	326,745	2 543,322	7,784	7,313
73	60	68 335	293,888	2 216,577	7,542	7,072
74	61	66 043	263,603	1 922,689	7,294	6,823
75	62	63 643	235,753	1 659,086	7,037	6,567
76	63	61 104	210,066	1 423,333	6,776	6,305
77	64	58 417	186,383	1 213,267	6,510	6,039
78	65	55 598	164,632	1 026,884	6,237	5,767
79	66	52 603	144,558	862,252	5,965	5,494
80	67	49 417	126,036	717,694	5,694	5,224
81	68	46 071	109,051	591,658	5,426	4,955
82	69	42 566	93,508	482,607	5,161	4,690
83	70	38 944	79,397	389,099	4,901	4,430
84	71	35 207	66,616	309,702	4,649	4,178
85	72	31 424	55,182	243,086	4,405	3,934
86	73	27 642	45,048	187,904	4,171	3,700
87	74	23 948	36,221	142,856	3,944	3,473
88	75	20 408	28,646	106,635	3,722	3,252
89	76	17 065	22,232	77,988	3,508	3,037
90	77	13 981	16,904	55,757	3,298	2,828
91	78	11 190	12,556	38,853	3,094	2,624
92	79	8 674	9,033	26,297	2,911	2,440
93	80	6 508	6,290	17,263	2,745	2,274
94	81	4 732	4,244	10,974	2,585	2,115
95	82	3 286	2,736	6,729	2,460	1,989
96	83	2 228	1,722	3,994	2,320	1,849
97	84	1 443	1,035	2,272	2,196	1,725
98	85	891	0,593	1,237	2,087	1,617
99	86	525	0,324	0,645	1,988	1,518
100	87	294	0,169	0,320	1,900	1,429

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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13						
14	0	99 500	34 993,078	476 144,052	13,607	13,136
15	1	99 183	32 372,762	441 150,973	13,627	13,157
16	2	99 146	30 032,870	408 778,212	13,611	13,140
17	3	99 108	27 862,236	378 745,342	13,594	13,123
18	4	99 067	25 847,562	350 883,106	13,575	13,104
19	5	99 020	23 977,080	325 035,544	13,556	13,085
20	6	98 972	22 241,551	301 058,464	13,536	13,065
21	7	98 920	20 631,148	278 816,914	13,514	13,044
22	8	98 871	19 137,731	258 185,766	13,491	13,020
23	9	98 821	17 752,126	239 048,034	13,466	12,995
24	10	98 769	16 466,659	221 295,909	13,439	12,968
25	11	98 715	15 273,990	204 829,250	13,410	12,940
26	12	98 660	14 167,521	189 555,260	13,380	12,909
27	13	98 606	13 141,242	175 387,739	13,346	12,876
28	14	98 545	12 188,567	162 246,497	13,311	12,841
29	15	98 484	11 304,882	150 057,930	13,274	12,803
30	16	98 416	10 484,451	138 753,048	13,234	12,764
31	17	98 345	9 723,371	128 268,597	13,192	12,721
32	18	98 263	9 016,478	118 545,226	13,148	12,677
33	19	98 174	8 360,396	109 528,748	13,101	12,630
34	20	98 085	7 752,062	101 168,352	13,051	12,580
35	21	97 988	7 187,365	93 416,290	12,997	12,527
36	22	97 885	6 663,383	86 228,925	12,941	12,470
37	23	97 781	6 177,558	79 565,542	12,880	12,409
38	24	97 669	5 726,618	73 387,984	12,815	12,345
39	25	97 550	5 308,248	67 661,367	12,746	12,276
40	26	97 425	4 920,154	62 353,118	12,673	12,202
41	27	97 284	4 559,643	57 432,964	12,596	12,125
42	28	97 133	4 225,159	52 873,321	12,514	12,043
43	29	96 965	3 914,442	48 648,162	12,428	11,957
44	30	96 781	3 626,005	44 733,720	12,337	11,866
45	31	96 578	3 358,162	41 107,716	12,241	11,770
46	32	96 350	3 109,259	37 749,554	12,141	11,670
47	33	96 106	2 878,320	34 640,295	12,035	11,564
48	34	95 833	2 663,706	31 761,975	11,924	11,453
49	35	95 529	2 464,268	29 098,269	11,808	11,337
50	36	95 190	2 278,909	26 634,001	11,687	11,217
51	37	94 811	2 106,569	24 355,092	11,561	11,091
52	38	94 401	1 946,608	22 248,523	11,429	10,959
53	39	93 928	1 797,548	20 301,916	11,294	10,824
54	40	93 404	1 658,951	18 504,367	11,154	10,684
55	41	92 821	1 530,008	16 845,417	11,010	10,539
56	42	92 179	1 410,154	15 315,408	10,861	10,390
57	43	91 474	1 298,710	13 905,254	10,707	10,236
58	44	90 702	1 195,135	12 606,544	10,548	10,078
59	45	89 845	1 098,690	11 411,409	10,386	9,916
60	46	88 915	1 009,110	10 312,719	10,220	9,749
61	47	87 910	925,948	9 303,609	10,048	9,577
62	48	86 820	848,688	8 377,661	9,871	9,401
63	49	85 630	776,849	7 528,973	9,692	9,221
64	50	84 358	710,263	6 752,125	9,507	9,036
65	51	82 990	648,485	6 041,862	9,317	8,846
66	52	81 534	591,285	5 393,377	9,121	8,651
67	53	80 004	538,461	4 802,091	8,918	8,448
68	54	78 353	489,419	4 263,630	8,712	8,241
69	55	76 656	444,380	3 774,212	8,493	8,023
70	56	74 826	402,569	3 329,832	8,271	7,801
71	57	72 884	363,922	2 927,263	8,044	7,573
72	58	70 823	328,193	2 563,341	7,810	7,340
73	59	68 667	295,314	2 235,148	7,569	7,098
74	60	66 401	265,032	1 939,833	7,319	6,849
75	61	64 001	237,079	1 674,801	7,064	6,594
76	62	61 477	211,350	1 437,722	6,803	6,332
77	63	58 804	187,618	1 226,372	6,537	6,066
78	64	56 007	165,841	1 038,754	6,264	5,793
79	65	53 027	145,726	872,913	5,990	5,519
80	66	49 853	127,147	727,188	5,719	5,249
81	67	46 522	110,118	600,041	5,449	4,978
82	68	43 006	94,473	489,922	5,186	4,715
83	69	39 384	80,294	395,449	4,925	4,454
84	70	35 641	67,437	315,155	4,673	4,203
85	71	31 851	55,931	247,718	4,429	3,958
86	72	28 046	45,707	191,787	4,196	3,725
87	73	24 324	36,790	146,080	3,971	3,500
88	74	20 763	29,145	109,289	3,750	3,279
89	75	17 397	22,664	80,144	3,536	3,066
90	76	14 293	17,281	57,480	3,326	2,856
91	77	11 471	12,871	40,199	3,123	2,653
92	78	8 925	9,295	27,328	2,940	2,470
93	79	6 729	6,504	18,034	2,773	2,302
94	80	4 921	4,414	11,530	2,612	2,142
95	81	3 438	2,862	7,116	2,487	2,016
96	82	2 347	1,813	4,254	2,347	1,876
97	83	1 532	1,098	2,441	2,223	1,752
98	84	955	0,636	1,343	2,113	1,642
99	85	569	0,351	0,707	2,014	1,543
100	86	323	0,185	0,356	1,925	1,454

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14						
15	0	99 488	32 472,252	441 343,756	13,591	13,121
16	1	99 168	30 039,811	408 871,503	13,611	13,140
17	2	99 120	27 865,554	378 831,693	13,595	13,124
18	3	99 079	25 850,642	350 966,139	13,577	13,106
19	4	99 029	23 979,260	325 115,497	13,558	13,088
20	5	98 979	22 243,219	301 136,237	13,538	13,068
21	6	98 927	20 632,506	278 893,018	13,517	13,047
22	7	98 876	19 138,675	258 260,512	13,494	13,024
23	8	98 827	17 753,225	239 121,837	13,469	12,999
24	9	98 775	16 467,725	221 368,612	13,443	12,972
25	10	98 721	15 274,895	204 900,887	13,414	12,944
26	11	98 668	14 168,576	189 625,992	13,384	12,913
27	12	98 614	13 142,281	175 457,416	13,351	12,880
28	13	98 554	12 189,612	162 315,135	13,316	12,845
29	14	98 495	11 306,069	150 125,523	13,278	12,808
30	15	98 428	10 485,762	138 819,454	13,239	12,768
31	16	98 359	9 724,743	128 333,692	13,197	12,726
32	17	98 277	9 017,798	118 608,949	13,153	12,682
33	18	98 194	8 362,099	109 591,151	13,106	12,635
34	19	98 104	7 753,559	101 229,052	13,056	12,585
35	20	98 006	7 188,696	93 475,493	13,003	12,532
36	21	97 901	6 664,486	86 286,797	12,947	12,477
37	22	97 798	6 178,627	79 622,310	12,887	12,416
38	23	97 690	5 727,861	73 443,683	12,822	12,352
39	24	97 566	5 309,149	67 715,823	12,755	12,284
40	25	97 443	4 921,072	62 406,674	12,682	12,211
41	26	97 302	4 560,530	57 485,602	12,605	12,134
42	27	97 155	4 226,082	52 925,072	12,523	12,053
43	28	96 989	3 915,418	48 698,990	12,438	11,967
44	29	96 806	3 626,943	44 783,572	12,347	11,877
45	30	96 607	3 359,159	41 156,628	12,252	11,781
46	31	96 381	3 110,252	37 797,469	12,153	11,682
47	32	96 140	2 879,319	34 687,217	12,047	11,576
48	33	95 867	2 664,654	31 807,898	11,937	11,466
49	34	95 566	2 465,232	29 143,244	11,822	11,351
50	35	95 228	2 279,827	26 678,011	11,702	11,231
51	36	94 855	2 107,557	24 398,185	11,577	11,106
52	37	94 445	1 947,504	22 290,628	11,446	10,975
53	38	93 983	1 798,602	20 343,124	11,311	10,840
54	39	93 460	1 659,940	18 544,522	11,172	10,701
55	40	92 884	1 531,047	16 884,583	11,028	10,557
56	41	92 250	1 411,231	15 353,535	10,880	10,409
57	42	91 550	1 299,789	13 942,304	10,727	10,256
58	43	90 784	1 196,211	12 642,515	10,569	10,098
59	44	89 937	1 099,812	11 446,304	10,408	9,937
60	45	89 014	1 010,233	10 346,493	10,242	9,771
61	46	88 022	927,125	9 336,259	10,070	9,599
62	47	86 945	849,906	8 409,134	9,894	9,424
63	48	85 767	778,094	7 559,228	9,715	9,244
64	49	84 511	711,552	6 781,134	9,530	9,059
65	50	83 153	649,766	6 069,583	9,341	8,871
66	51	81 714	592,594	5 419,817	9,146	8,675
67	52	80 201	539,787	4 827,223	8,943	8,472
68	53	78 568	490,760	4 287,437	8,736	8,266
69	54	76 888	445,721	3 796,677	8,518	8,047
70	55	75 074	403,907	3 350,955	8,296	7,826
71	56	73 149	365,243	2 947,048	8,069	7,598
72	57	71 107	329,508	2 581,804	7,835	7,365
73	58	68 971	296,623	2 252,296	7,593	7,122
74	59	66 724	266,319	1 955,673	7,343	6,873
75	60	64 348	238,364	1 689,355	7,087	6,617
76	61	61 823	212,539	1 450,990	6,827	6,356
77	62	59 163	188,765	1 238,451	6,561	6,090
78	63	56 378	166,940	1 049,686	6,288	5,817
79	64	53 417	146,795	882,746	6,013	5,543
80	65	50 255	128,174	735,951	5,742	5,271
81	66	46 932	111,089	607,777	5,471	5,000
82	67	43 427	95,398	496,688	5,206	4,736
83	68	39 790	81,123	401,290	4,947	4,476
84	69	36 044	68,199	320,167	4,695	4,224
85	70	32 244	56,621	251,968	4,450	3,979
86	71	28 427	46,327	195,347	4,217	3,746
87	72	24 680	37,328	149,020	3,992	3,521
88	73	21 089	29,603	111,691	3,773	3,302
89	74	17 700	23,058	82,088	3,560	3,089
90	75	14 571	17,617	59,030	3,351	2,880
91	76	11 727	13,158	41,413	3,147	2,677
92	77	9 149	9,528	28,255	2,966	2,495
93	78	6 924	6,692	18,727	2,799	2,328
94	79	5 088	4,564	12,035	2,637	2,166
95	80	3 575	2,976	7,471	2,510	2,040
96	81	2 455	1,897	4,495	2,370	1,900
97	82	1 613	1,157	2,599	2,247	1,776
98	83	1 014	0,675	1,442	2,137	1,666
99	84	610	0,377	0,767	2,037	1,567
100	85	350	0,201	0,391	1,948	1,477

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	30 132,131	409 048,759	13,575	13,105
17	1	99 143	27 871,994	378 916,628	13,595	13,124
18	2	99 091	25 853,720	351 044,634	13,578	13,107
19	3	99 041	23 982,118	325 190,914	13,560	13,089
20	4	98 988	22 245,242	301 208,796	13,540	13,070
21	5	98 934	20 634,054	278 963,554	13,520	13,049
22	6	98 883	19 139,934	258 329,501	13,497	13,026
23	7	98 832	17 754,100	239 189,566	13,472	13,002
24	8	98 781	16 468,745	221 435,466	13,446	12,975
25	9	98 728	15 275,883	204 966,722	13,418	12,947
26	10	98 674	14 169,416	189 690,838	13,387	12,917
27	11	98 621	13 143,260	175 521,422	13,354	12,884
28	12	98 562	12 190,576	162 378,162	13,320	12,849
29	13	98 503	11 307,038	150 187,586	13,283	12,812
30	14	98 438	10 486,863	138 880,548	13,243	12,773
31	15	98 371	9 725,960	128 393,685	13,201	12,730
32	16	98 291	9 019,071	118 667,725	13,157	12,687
33	17	98 209	8 363,324	109 648,654	13,111	12,640
34	18	98 124	7 755,138	101 285,331	13,060	12,590
35	19	98 025	7 190,084	93 530,193	13,008	12,538
36	20	97 919	6 665,721	86 340,109	12,953	12,482
37	21	97 814	6 179,650	79 674,388	12,893	12,422
38	22	97 707	5 728,852	73 494,738	12,829	12,358
39	23	97 587	5 310,301	67 765,886	12,761	12,291
40	24	97 460	4 921,907	62 455,585	12,689	12,219
41	25	97 321	4 561,381	57 533,679	12,613	12,143
42	26	97 174	4 226,904	52 972,298	12,532	12,062
43	27	97 010	3 916,274	48 745,394	12,447	11,976
44	28	96 830	3 627,848	44 829,120	12,357	11,886
45	29	96 632	3 360,029	41 201,272	12,262	11,792
46	30	96 409	3 111,176	37 841,243	12,163	11,692
47	31	96 170	2 880,238	34 730,067	12,058	11,587
48	32	95 901	2 665,579	31 849,829	11,949	11,478
49	33	95 600	2 466,110	29 184,249	11,834	11,363
50	34	95 266	2 280,719	26 718,139	11,715	11,244
51	35	94 893	2 108,405	24 437,420	11,590	11,120
52	36	94 489	1 948,417	22 329,015	11,460	10,989
53	37	94 027	1 799,430	20 380,597	11,326	10,855
54	38	93 515	1 660,912	18 581,168	11,187	10,717
55	39	92 939	1 531,960	16 920,255	11,045	10,574
56	40	92 313	1 412,189	15 388,295	10,897	10,426
57	41	91 620	1 300,781	13 976,106	10,744	10,274
58	42	90 860	1 197,205	12 675,325	10,587	10,117
59	43	90 018	1 100,802	11 478,120	10,427	9,956
60	44	89 105	1 011,265	10 377,318	10,262	9,791
61	45	88 120	928,157	9 366,053	10,091	9,620
62	46	87 055	850,986	8 437,895	9,915	9,445
63	47	85 890	779,211	7 586,909	9,737	9,266
64	48	84 646	712,692	6 807,698	9,552	9,081
65	49	83 304	650,945	6 095,007	9,363	8,893
66	50	81 876	593,764	5 444,062	9,169	8,698
67	51	80 379	540,981	4 850,298	8,966	8,495
68	52	78 761	491,968	4 309,316	8,759	8,289
69	53	77 098	446,943	3 817,349	8,541	8,070
70	54	75 301	405,127	3 370,406	8,319	7,849
71	55	73 392	366,458	2 965,279	8,092	7,621
72	56	71 365	330,705	2 598,821	7,858	7,388
73	57	69 247	297,812	2 268,116	7,616	7,145
74	58	67 019	267,498	1 970,304	7,366	6,895
75	59	64 661	239,521	1 702,806	7,109	6,639
76	60	62 158	213,691	1 463,285	6,848	6,377
77	61	59 496	189,827	1 249,593	6,583	6,112
78	62	56 722	167,961	1 059,766	6,310	5,839
79	63	53 771	147,768	891,806	6,035	5,565
80	64	50 624	129,115	744,037	5,763	5,292
81	65	47 311	111,986	614,923	5,491	5,020
82	66	43 809	96,239	502,937	5,226	4,755
83	67	40 180	81,917	406,698	4,965	4,494
84	68	36 416	68,903	324,781	4,714	4,243
85	69	32 608	57,261	255,878	4,469	3,998
86	70	28 777	46,899	198,617	4,235	3,764
87	71	25 015	37,835	151,718	4,010	3,539
88	72	21 398	30,036	113,884	3,792	3,321
89	73	17 978	23,421	83,847	3,580	3,109
90	74	14 824	17,923	60,427	3,371	2,901
91	75	11 955	13,414	42,503	3,169	2,698
92	76	9 353	9,740	29,089	2,987	2,516
93	77	7 097	6,860	19,349	2,821	2,350
94	78	5 236	4,696	12,489	2,660	2,189
95	79	3 697	3,077	7,793	2,532	2,062
96	80	2 553	1,972	4,716	2,391	1,920
97	81	1 687	1,210	2,744	2,268	1,797
98	82	1 068	0,711	1,534	2,159	1,688
99	83	647	0,400	0,823	2,059	1,588
100	84	375	0,215	0,423	1,969	1,498

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	27 957,652	379 079,602	13,559	13,088
18	1	99 114	25 859,695	351 121,949	13,578	13,107
19	2	99 053	23 984,974	325 262,254	13,561	13,090
20	3	99 000	22 247,892	301 277,280	13,542	13,071
21	4	98 943	20 635,930	279 029,388	13,522	13,051
22	5	98 890	19 141,370	258 393,458	13,499	13,029
23	6	98 838	17 755,269	239 252,088	13,475	13,004
24	7	98 786	16 469,556	221 496,819	13,449	12,978
25	8	98 734	15 276,829	205 027,263	13,421	12,950
26	9	98 680	14 170,333	189 750,434	13,391	12,920
27	10	98 627	13 144,039	175 580,101	13,358	12,887
28	11	98 569	12 191,485	162 436,062	13,324	12,853
29	12	98 511	11 307,932	150 244,577	13,287	12,816
30	13	98 447	10 487,762	138 936,645	13,248	12,777
31	14	98 382	9 726,980	128 448,883	13,205	12,735
32	15	98 304	9 020,199	118 721,902	13,162	12,691
33	16	98 222	8 364,504	109 701,703	13,115	12,644
34	17	98 139	7 756,274	101 337,199	13,065	12,595
35	18	98 045	7 191,548	93 580,926	13,013	12,542
36	19	97 938	6 667,008	86 389,377	12,958	12,487
37	20	97 833	6 180,795	79 722,370	12,898	12,428
38	21	97 723	5 729,801	73 541,575	12,835	12,364
39	22	97 604	5 311,220	67 811,775	12,768	12,297
40	23	97 481	4 922,975	62 500,555	12,696	12,225
41	24	97 337	4 562,154	57 577,580	12,621	12,150
42	25	97 192	4 227,693	53 015,426	12,540	12,069
43	26	97 029	3 917,036	48 787,733	12,455	11,985
44	27	96 851	3 628,641	44 870,697	12,366	11,895
45	28	96 656	3 360,867	41 242,056	12,271	11,801
46	29	96 434	3 111,981	37 881,189	12,173	11,702
47	30	96 199	2 881,094	34 769,208	12,068	11,597
48	31	95 931	2 666,431	31 888,114	11,959	11,488
49	32	95 633	2 466,966	29 221,684	11,845	11,375
50	33	95 299	2 281,531	26 754,717	11,727	11,256
51	34	94 930	2 109,230	24 473,186	11,603	11,132
52	35	94 527	1 949,202	22 363,956	11,473	11,003
53	36	94 071	1 800,274	20 414,754	11,340	10,869
54	37	93 558	1 661,677	18 614,480	11,202	10,732
55	38	92 993	1 532,858	16 952,803	11,060	10,589
56	39	92 368	1 413,031	15 419,945	10,913	10,442
57	40	91 682	1 301,665	14 006,914	10,761	10,290
58	41	90 929	1 198,119	12 705,249	10,604	10,134
59	42	90 093	1 101,717	11 507,131	10,445	9,974
60	43	89 185	1 012,176	10 405,414	10,280	9,810
61	44	88 210	929,105	9 393,238	10,110	9,639
62	45	87 152	851,934	8 464,133	9,935	9,465
63	46	85 999	780,201	7 612,199	9,757	9,286
64	47	84 768	713,715	6 831,998	9,572	9,102
65	48	83 438	651,988	6 118,283	9,384	8,913
66	49	82 024	594,842	5 466,296	9,189	8,719
67	50	80 537	542,050	4 871,454	8,987	8,516
68	51	78 935	493,057	4 329,404	8,781	8,310
69	52	77 288	448,043	3 836,348	8,562	8,092
70	53	75 507	406,237	3 388,304	8,341	7,870
71	54	73 614	367,564	2 982,067	8,113	7,642
72	55	71 602	331,805	2 614,503	7,880	7,409
73	56	69 499	298,893	2 282,699	7,637	7,167
74	57	67 288	268,571	1 983,806	7,387	6,916
75	58	64 947	240,582	1 715,235	7,130	6,659
76	59	62 460	214,728	1 474,653	6,868	6,397
77	60	59 819	190,856	1 259,924	6,601	6,131
78	61	57 042	168,906	1 069,068	6,329	5,859
79	62	54 099	148,672	900,163	6,055	5,584
80	63	50 960	129,971	751,491	5,782	5,311
81	64	47 658	112,808	621,520	5,510	5,039
82	65	44 163	97,016	508,712	5,244	4,773
83	66	40 534	82,639	411,696	4,982	4,511
84	67	36 772	69,578	329,058	4,729	4,259
85	68	32 945	57,852	259,480	4,485	4,015
86	69	29 102	47,429	201,628	4,251	3,781
87	70	25 323	38,302	154,200	4,026	3,555
88	71	21 688	30,444	115,898	3,807	3,336
89	72	18 241	23,763	85,454	3,596	3,125
90	73	15 058	18,205	61,691	3,389	2,918
91	74	12 163	13,648	43,486	3,186	2,716
92	75	9 535	9,929	29,838	3,005	2,534
93	76	7 256	7,013	19,909	2,839	2,368
94	77	5 367	4,814	12,896	2,679	2,208
95	78	3 804	3,166	8,082	2,553	2,082
96	79	2 640	2,039	4,916	2,410	1,940
97	80	1 755	1,258	2,876	2,286	1,815
98	81	1 117	0,743	1,618	2,177	1,706
99	82	682	0,421	0,875	2,078	1,608
100	83	398	0,228	0,454	1,988	1,518

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	25 939,169	351 271,791	13,542	13,071
19	1	99 076	23 990,517	325 332,622	13,561	13,090
20	2	99 012	22 250,542	301 342,105	13,543	13,072
21	3	98 955	20 638,389	279 091,563	13,523	13,052
22	4	98 899	19 143,111	258 453,174	13,501	13,030
23	5	98 846	17 756,600	239 310,064	13,477	13,007
24	6	98 793	16 470,641	221 553,463	13,451	12,981
25	7	98 739	15 277,582	205 082,823	13,424	12,953
26	8	98 686	14 171,210	189 805,240	13,394	12,923
27	9	98 633	13 144,890	175 634,030	13,361	12,891
28	10	98 575	12 192,207	162 489,140	13,327	12,857
29	11	98 518	11 308,775	150 296,933	13,290	12,820
30	12	98 454	10 488,592	138 988,159	13,251	12,781
31	13	98 390	9 727,814	128 499,567	13,210	12,739
32	14	98 314	9 021,146	118 771,753	13,166	12,695
33	15	98 235	8 365,550	109 750,607	13,119	12,649
34	16	98 153	7 757,368	101 385,056	13,070	12,599
35	17	98 060	7 192,601	93 627,688	13,017	12,547
36	18	97 958	6 668,366	86 435,087	12,962	12,491
37	19	97 851	6 181,988	79 766,721	12,903	12,432
38	20	97 741	5 730,862	73 584,733	12,840	12,369
39	21	97 620	5 312,099	67 853,871	12,773	12,303
40	22	97 498	4 923,827	62 541,772	12,702	12,231
41	23	97 358	4 563,144	57 617,945	12,627	12,156
42	24	97 208	4 228,410	53 054,801	12,547	12,077
43	25	97 047	3 917,766	48 826,391	12,463	11,992
44	26	96 870	3 629,347	44 908,625	12,374	11,903
45	27	96 677	3 361,601	41 279,278	12,280	11,809
46	28	96 458	3 112,758	37 917,677	12,181	11,711
47	29	96 224	2 881,840	34 804,919	12,077	11,607
48	30	95 960	2 667,223	31 923,079	11,969	11,498
49	31	95 664	2 467,754	29 255,857	11,855	11,385
50	32	95 333	2 282,323	26 788,103	11,737	11,267
51	33	94 964	2 109,982	24 505,779	11,614	11,144
52	34	94 564	1 949,964	22 395,798	11,485	11,015
53	35	94 109	1 800,999	20 445,833	11,352	10,882
54	36	93 602	1 662,457	18 644,835	11,215	10,745
55	37	93 036	1 533,564	16 982,378	11,074	10,603
56	38	92 422	1 413,859	15 448,815	10,927	10,456
57	39	91 737	1 302,440	14 034,955	10,776	10,305
58	40	90 991	1 198,932	12 732,515	10,620	10,149
59	41	90 161	1 102,558	11 533,583	10,461	9,990
60	42	89 259	1 013,016	10 431,025	10,297	9,826
61	43	88 290	929,942	9 418,008	10,128	9,657
62	44	87 241	852,804	8 488,066	9,953	9,482
63	45	86 095	781,070	7 635,263	9,775	9,305
64	46	84 876	714,622	6 854,193	9,591	9,121
65	47	83 558	652,924	6 139,571	9,403	8,933
66	48	82 156	595,795	5 486,647	9,209	8,738
67	49	80 683	543,033	4 890,853	9,007	8,536
68	50	79 091	494,030	4 347,819	8,801	8,330
69	51	77 459	449,035	3 853,789	8,582	8,112
70	52	75 693	407,237	3 404,754	8,361	7,890
71	53	73 816	368,571	2 997,517	8,133	7,662
72	54	71 818	332,806	2 628,946	7,899	7,429
73	55	69 730	299,887	2 296,139	7,657	7,186
74	56	67 532	269,546	1 996,252	7,406	6,935
75	57	65 207	241,547	1 726,706	7,149	6,678
76	58	62 737	215,680	1 485,160	6,886	6,415
77	59	60 109	191,782	1 269,480	6,619	6,149
78	60	57 351	169,821	1 077,698	6,346	5,875
79	61	54 404	149,508	907,877	6,072	5,602
80	62	51 271	130,765	758,368	5,799	5,329
81	63	47 974	113,556	627,603	5,527	5,056
82	64	44 488	97,728	514,048	5,260	4,789
83	65	40 861	83,306	416,319	4,997	4,527
84	66	37 096	70,191	333,013	4,744	4,274
85	67	33 267	58,418	262,822	4,499	4,028
86	68	29 403	47,918	204,404	4,266	3,795
87	69	25 609	38,734	156,486	4,040	3,569
88	70	21 956	30,819	117,752	3,821	3,350
89	71	18 488	24,086	86,933	3,609	3,139
90	72	15 278	18,471	62,847	3,402	2,932
91	73	12 354	13,862	44,375	3,201	2,731
92	74	9 701	10,102	30,513	3,020	2,550
93	75	7 397	7,149	20,411	2,855	2,384
94	76	5 487	4,921	13,262	2,695	2,224
95	77	3 899	3,246	8,341	2,570	2,099
96	78	2 716	2,098	5,095	2,428	1,957
97	79	1 815	1,301	2,997	2,303	1,833
98	80	1 162	0,773	1,696	2,193	1,723
99	81	713	0,440	0,923	2,095	1,624
100	82	419	0,240	0,482	2,006	1,535

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	24 064,246	325 470,385	13,525	13,054
20	1	99 035	22 255,684	301 406,138	13,543	13,072
21	2	98 967	20 640,847	279 150,454	13,524	13,054
22	3	98 911	19 145,392	258 509,607	13,502	13,032
23	4	98 855	17 758,215	239 364,216	13,479	13,008
24	5	98 800	16 471,876	221 606,001	13,454	12,983
25	6	98 745	15 278,588	205 134,125	13,426	12,956
26	7	98 691	14 171,909	189 855,537	13,397	12,926
27	8	98 639	13 145,704	175 683,628	13,364	12,894
28	9	98 581	12 192,996	162 537,924	13,330	12,860
29	10	98 524	11 309,445	150 344,928	13,294	12,823
30	11	98 462	10 489,373	139 035,484	13,255	12,784
31	12	98 398	9 728,584	128 546,110	13,213	12,743
32	13	98 322	9 021,919	118 817,527	13,170	12,699
33	14	98 245	8 366,428	109 795,607	13,123	12,653
34	15	98 165	7 758,339	101 429,179	13,074	12,603
35	16	98 074	7 193,616	93 670,840	13,021	12,551
36	17	97 973	6 669,342	86 477,224	12,966	12,496
37	18	97 871	6 183,247	79 807,882	12,907	12,436
38	19	97 760	5 731,968	73 624,634	12,845	12,374
39	20	97 638	5 313,083	67 892,666	12,778	12,308
40	21	97 514	4 924,642	62 579,583	12,707	12,237
41	22	97 375	4 563,934	57 654,941	12,633	12,162
42	23	97 229	4 229,327	53 091,007	12,553	12,082
43	24	97 063	3 918,431	48 861,680	12,470	11,999
44	25	96 888	3 630,024	44 943,249	12,381	11,910
45	26	96 696	3 362,255	41 313,225	12,287	11,817
46	27	96 479	3 113,438	37 950,970	12,189	11,719
47	28	96 248	2 882,559	34 837,532	12,086	11,615
48	29	95 984	2 667,913	31 954,973	11,978	11,507
49	30	95 692	2 468,487	29 287,060	11,864	11,394
50	31	95 363	2 283,052	26 818,573	11,747	11,276
51	32	94 997	2 110,714	24 535,521	11,624	11,154
52	33	94 598	1 950,659	22 424,807	11,496	11,025
53	34	94 145	1 801,703	20 474,148	11,364	10,893
54	35	93 639	1 663,126	18 672,445	11,227	10,757
55	36	93 080	1 534,283	17 009,319	11,086	10,616
56	37	92 464	1 414,510	15 475,036	10,940	10,470
57	38	91 790	1 303,204	14 060,526	10,789	10,319
58	39	91 045	1 199,647	12 757,322	10,634	10,164
59	40	90 223	1 103,306	11 557,675	10,475	10,005
60	41	89 327	1 013,790	10 454,369	10,312	9,842
61	42	88 363	930,714	9 440,579	10,143	9,673
62	43	87 320	853,572	8 509,864	9,970	9,499
63	44	86 183	781,867	7 656,293	9,792	9,322
64	45	84 970	715,418	6 874,425	9,609	9,138
65	46	83 664	653,754	6 159,008	9,421	8,950
66	47	82 274	596,650	5 505,254	9,227	8,756
67	48	80 813	543,903	4 908,604	9,025	8,554
68	49	79 235	494,927	4 364,700	8,819	8,348
69	50	77 612	449,922	3 869,774	8,601	8,130
70	51	75 861	408,138	3 419,852	8,379	7,908
71	52	73 997	369,478	3 011,714	8,151	7,681
72	53	72 015	333,718	2 642,235	7,918	7,447
73	54	69 940	300,792	2 308,517	7,675	7,204
74	55	67 757	270,442	2 007,724	7,424	6,953
75	56	65 444	242,424	1 737,282	7,166	6,696
76	57	62 988	216,544	1 494,858	6,903	6,433
77	58	60 375	192,632	1 278,314	6,636	6,165
78	59	57 629	170,645	1 085,682	6,362	5,892
79	60	54 699	150,319	915,037	6,087	5,617
80	61	51 560	131,501	764,718	5,815	5,345
81	62	48 268	114,250	633,217	5,542	5,072
82	63	44 782	98,376	518,968	5,275	4,805
83	64	41 161	83,918	420,591	5,012	4,541
84	65	37 396	70,758	336,674	4,758	4,287
85	66	33 560	58,933	265,916	4,512	4,042
86	67	29 690	48,387	206,983	4,278	3,807
87	68	25 874	39,134	158,596	4,053	3,582
88	69	22 204	31,168	119,462	3,833	3,362
89	70	18 716	24,383	88,294	3,621	3,151
90	71	15 485	18,722	63,912	3,414	2,943
91	72	12 534	14,065	45,189	3,213	2,742
92	73	9 853	10,261	31,125	3,033	2,563
93	74	7 526	7,273	20,864	2,868	2,398
94	75	5 593	5,017	13,590	2,709	2,238
95	76	3 986	3,318	8,573	2,584	2,113
96	77	2 784	2,151	5,255	2,443	1,972
97	78	1 867	1,339	3,104	2,319	1,848
98	79	1 201	0,799	1,765	2,209	1,738
99	80	742	0,458	0,966	2,109	1,639
100	81	439	0,251	0,508	2,021	1,550

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	22 324,082	301 532,795	13,507	13,036
21	1	98 990	20 645,617	279 208,713	13,524	13,053
22	2	98 923	19 147,672	258 563,096	13,504	13,033
23	3	98 866	17 760,331	239 415,424	13,480	13,010
24	4	98 809	16 473,374	221 655,093	13,455	12,985
25	5	98 752	15 279,734	205 181,719	13,428	12,958
26	6	98 698	14 172,842	189 901,985	13,399	12,928
27	7	98 644	13 146,352	175 729,144	13,367	12,896
28	8	98 587	12 193,751	162 582,792	13,333	12,863
29	9	98 530	11 310,177	150 389,041	13,297	12,826
30	10	98 468	10 489,995	139 078,864	13,258	12,788
31	11	98 405	9 729,309	128 588,870	13,217	12,746
32	12	98 330	9 022,633	118 859,561	13,173	12,703
33	13	98 253	8 367,145	109 836,928	13,127	12,657
34	14	98 175	7 759,153	101 469,783	13,077	12,607
35	15	98 086	7 194,516	93 710,629	13,025	12,555
36	16	97 987	6 670,283	86 516,113	12,970	12,500
37	17	97 886	6 184,153	79 845,830	12,911	12,441
38	18	97 780	5 733,136	73 661,677	12,848	12,378
39	19	97 657	5 314,109	67 928,541	12,783	12,312
40	20	97 532	4 925,554	62 614,433	12,712	12,241
41	21	97 391	4 564,690	57 688,878	12,638	12,167
42	22	97 246	4 230,059	53 124,189	12,559	12,088
43	23	97 084	3 919,281	48 894,129	12,475	12,005
44	24	96 904	3 630,639	44 974,848	12,388	11,917
45	25	96 714	3 362,882	41 344,208	12,294	11,824
46	26	96 498	3 114,044	37 981,326	12,197	11,726
47	27	96 269	2 883,188	34 867,282	12,093	11,623
48	28	96 008	2 668,579	31 984,094	11,985	11,515
49	29	95 717	2 469,126	29 315,516	11,873	11,402
50	30	95 391	2 283,730	26 846,389	11,756	11,285
51	31	95 027	2 111,388	24 562,659	11,633	11,163
52	32	94 630	1 951,336	22 451,271	11,506	11,035
53	33	94 179	1 802,345	20 499,935	11,374	10,903
54	34	93 676	1 663,777	18 697,590	11,238	10,767
55	35	93 117	1 534,901	17 033,813	11,098	10,627
56	36	92 508	1 415,174	15 498,913	10,952	10,481
57	37	91 833	1 303,804	14 083,739	10,802	10,331
58	38	91 098	1 200,350	12 779,935	10,647	10,176
59	39	90 276	1 103,964	11 579,585	10,489	10,018
60	40	89 388	1 014,478	10 475,621	10,326	9,855
61	41	88 430	931,425	9 461,143	10,158	9,687
62	42	87 392	854,281	8 529,718	9,985	9,514
63	43	86 261	782,571	7 675,437	9,808	9,337
64	44	85 057	716,148	6 892,866	9,625	9,154
65	45	83 757	654,482	6 176,717	9,438	8,967
66	46	82 378	597,408	5 522,236	9,244	8,773
67	47	80 929	544,684	4 924,827	9,042	8,571
68	48	79 362	495,720	4 380,143	8,836	8,365
69	49	77 753	450,738	3 884,423	8,618	8,147
70	50	76 011	408,944	3 433,685	8,396	7,926
71	51	74 161	370,296	3 024,741	8,168	7,698
72	52	72 192	334,540	2 654,445	7,935	7,464
73	53	70 132	301,617	2 319,905	7,692	7,221
74	54	67 961	271,258	2 018,288	7,440	6,970
75	55	65 662	243,230	1 747,030	7,183	6,712
76	56	63 217	217,331	1 503,800	6,919	6,449
77	57	60 617	193,404	1 286,469	6,652	6,181
78	58	57 884	171,401	1 093,065	6,377	5,907
79	59	54 964	151,048	921,664	6,102	5,631
80	60	51 839	132,214	770,616	5,829	5,358
81	61	48 539	114,893	638,402	5,557	5,086
82	62	45 056	98,978	523,509	5,289	4,819
83	63	41 434	84,474	424,532	5,026	4,555
84	64	37 671	71,277	340,058	4,771	4,300
85	65	33 831	59,409	268,781	4,524	4,054
86	66	29 952	48,814	209,372	4,289	3,819
87	67	26 127	39,517	160,558	4,063	3,592
88	68	22 433	31,489	121,041	3,844	3,373
89	69	18 928	24,658	89,552	3,632	3,161
90	70	15 676	18,953	64,894	3,424	2,953
91	71	12 705	14,256	45,941	3,223	2,752
92	72	9 997	10,411	31,685	3,043	2,573
93	73	7 644	7,388	21,274	2,880	2,409
94	74	5 691	5,104	13,886	2,720	2,250
95	75	4 063	3,383	8,782	2,596	2,125
96	76	2 846	2,199	5,399	2,455	1,985
97	77	1 914	1,372	3,200	2,332	1,861
98	78	1 236	0,822	1,828	2,223	1,752
99	79	767	0,474	1,005	2,123	1,652
100	80	456	0,262	0,532	2,034	1,563

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	20 709,067	279 325,158	13,488	13,017
22	1	98 946	19 152,097	258 616,091	13,503	13,033
23	2	98 878	17 762,446	239 463,994	13,481	13,011
24	3	98 821	16 475,337	221 701,548	13,457	12,986
25	4	98 761	15 281,123	205 226,211	13,430	12,959
26	5	98 705	14 173,905	189 945,088	13,401	12,930
27	6	98 651	13 147,217	175 771,183	13,369	12,899
28	7	98 592	12 194,352	162 623,966	13,336	12,865
29	8	98 537	11 310,877	150 429,614	13,300	12,829
30	9	98 474	10 490,673	139 118,737	13,261	12,791
31	10	98 411	9 729,885	128 628,063	13,220	12,749
32	11	98 337	9 023,305	118 898,178	13,177	12,706
33	12	98 261	8 367,808	109 874,873	13,131	12,660
34	13	98 184	7 759,818	101 507,066	13,081	12,610
35	14	98 096	7 195,271	93 747,247	13,029	12,558
36	15	97 999	6 671,118	86 551,976	12,974	12,503
37	16	97 900	6 185,025	79 880,858	12,915	12,445
38	17	97 794	5 733,975	73 695,833	12,852	12,382
39	18	97 677	5 315,191	67 961,857	12,786	12,316
40	19	97 551	4 926,505	62 646,666	12,716	12,246
41	20	97 409	4 565,535	57 720,161	12,643	12,172
42	21	97 262	4 230,760	53 154,626	12,564	12,093
43	22	97 101	3 919,960	48 923,866	12,481	12,010
44	23	96 925	3 631,427	45 003,906	12,393	11,922
45	24	96 730	3 363,453	41 372,479	12,301	11,830
46	25	96 516	3 114,624	38 009,026	12,203	11,733
47	26	96 287	2 883,749	34 894,402	12,100	11,630
48	27	96 029	2 669,162	32 010,652	11,993	11,522
49	28	95 741	2 469,742	29 341,491	11,880	11,410
50	29	95 416	2 284,321	26 871,749	11,764	11,293
51	30	95 056	2 112,015	24 587,428	11,642	11,171
52	31	94 661	1 951,959	22 475,412	11,514	11,044
53	32	94 212	1 802,971	20 523,453	11,383	10,912
54	33	93 709	1 664,369	18 720,482	11,248	10,777
55	34	93 154	1 535,501	17 056,113	11,108	10,637
56	35	92 545	1 415,744	15 520,612	10,963	10,492
57	36	91 876	1 304,415	14 104,868	10,813	10,343
58	37	91 140	1 200,903	12 800,453	10,659	10,188
59	38	90 329	1 104,611	11 599,550	10,501	10,030
60	39	89 441	1 015,083	10 494,939	10,339	9,868
61	40	88 491	932,057	9 479,856	10,171	9,700
62	41	87 459	854,933	8 547,799	9,998	9,528
63	42	86 332	783,221	7 692,866	9,822	9,351
64	43	85 133	716,793	6 909,645	9,640	9,169
65	44	83 842	655,150	6 192,851	9,453	8,982
66	45	82 470	598,073	5 537,701	9,259	8,789
67	46	81 032	545,377	4 939,628	9,057	8,587
68	47	79 476	496,432	4 394,251	8,852	8,381
69	48	77 877	451,460	3 897,820	8,634	8,163
70	49	76 148	409,686	3 446,359	8,412	7,942
71	50	74 308	371,028	3 036,673	8,184	7,714
72	51	72 352	335,280	2 665,645	7,951	7,480
73	52	70 305	302,359	2 330,365	7,707	7,237
74	53	68 148	272,002	2 028,006	7,456	6,985
75	54	65 860	243,964	1 756,004	7,198	6,727
76	55	63 427	218,053	1 512,040	6,934	6,464
77	56	60 837	194,107	1 293,987	6,666	6,196
78	57	58 116	172,088	1 099,880	6,391	5,921
79	58	55 208	151,717	927,792	6,115	5,645
80	59	52 091	132,855	776,075	5,842	5,371
81	60	48 802	115,515	643,219	5,568	5,098
82	61	45 310	99,535	527,704	5,302	4,831
83	62	41 687	84,990	428,169	5,038	4,567
84	63	37 920	71,750	343,179	4,783	4,312
85	64	34 080	59,845	271,430	4,536	4,065
86	65	30 194	49,208	211,585	4,300	3,829
87	66	26 357	39,865	162,377	4,073	3,602
88	67	22 652	31,797	122,511	3,853	3,382
89	68	19 123	24,913	90,714	3,641	3,171
90	69	15 853	19,167	65,801	3,433	2,962
91	70	12 861	14,432	46,634	3,231	2,761
92	71	10 133	10,552	32,202	3,052	2,581
93	72	7 756	7,496	21,650	2,888	2,418
94	73	5 780	5,185	14,154	2,730	2,259
95	74	4 134	3,442	8,970	2,606	2,136
96	75	2 902	2,242	5,528	2,466	1,995
97	76	1 957	1,403	3,286	2,343	1,872
98	77	1 267	0,843	1,884	2,234	1,764
99	78	789	0,487	1,041	2,135	1,665
100	79	472	0,270	0,553	2,046	1,575

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	19 210,957	258 723,148	13,467	12,997
23	1	98 901	17 766,551	239 512,192	13,481	13,010
24	2	98 833	16 477,299	221 745,640	13,458	12,987
25	3	98 773	15 282,944	205 268,342	13,431	12,961
26	4	98 714	14 175,194	189 985,397	13,403	12,932
27	5	98 658	13 148,203	175 810,204	13,371	12,901
28	6	98 599	12 195,155	162 662,000	13,338	12,868
29	7	98 541	11 311,435	150 466,846	13,302	12,832
30	8	98 480	10 491,323	139 155,411	13,264	12,793
31	9	98 417	9 730,515	128 664,088	13,223	12,752
32	10	98 343	9 023,840	118 933,573	13,180	12,709
33	11	98 268	8 368,431	109 909,733	13,134	12,663
34	12	98 191	7 760,432	101 541,303	13,084	12,614
35	13	98 105	7 195,888	93 780,870	13,033	12,562
36	14	98 009	6 671,818	86 584,982	12,978	12,507
37	15	97 912	6 185,799	79 913,164	12,919	12,448
38	16	97 808	5 734,784	73 727,365	12,856	12,386
39	17	97 691	5 315,970	67 992,581	12,790	12,320
40	18	97 571	4 927,509	62 676,611	12,720	12,249
41	19	97 428	4 566,417	57 749,102	12,646	12,176
42	20	97 280	4 231,543	53 182,686	12,568	12,097
43	21	97 117	3 920,609	48 951,142	12,486	12,015
44	22	96 942	3 632,056	45 030,533	12,398	11,927
45	23	96 751	3 364,183	41 398,478	12,306	11,835
46	24	96 533	3 115,153	38 034,295	12,209	11,739
47	25	96 305	2 884,287	34 919,142	12,107	11,636
48	26	96 048	2 669,681	32 034,855	12,000	11,529
49	27	95 762	2 470,282	29 365,174	11,887	11,417
50	28	95 440	2 284,891	26 894,892	11,771	11,300
51	29	95 080	2 112,562	24 610,001	11,649	11,179
52	30	94 689	1 952,539	22 497,439	11,522	11,051
53	31	94 242	1 803,546	20 544,900	11,391	10,921
54	32	93 742	1 664,947	18 741,354	11,256	10,786
55	33	93 187	1 536,048	17 076,407	11,117	10,646
56	34	92 581	1 416,297	15 540,359	10,973	10,502
57	35	91 913	1 304,941	14 124,061	10,824	10,353
58	36	91 183	1 201,466	12 819,121	10,670	10,199
59	37	90 371	1 105,120	11 617,655	10,513	10,042
60	38	89 494	1 015,678	10 512,535	10,350	9,880
61	39	88 543	932,613	9 496,857	10,183	9,712
62	40	87 518	855,514	8 564,244	10,011	9,540
63	41	86 398	783,819	7 708,731	9,835	9,364
64	42	85 204	717,389	6 924,911	9,653	9,182
65	43	83 918	655,740	6 207,523	9,466	8,996
66	44	82 554	598,684	5 551,783	9,273	8,803
67	45	81 122	545,984	4 953,099	9,072	8,601
68	46	79 577	497,063	4 407,115	8,866	8,396
69	47	77 989	452,108	3 910,052	8,648	8,178
70	48	76 270	410,343	3 457,944	8,427	7,956
71	49	74 442	371,701	3 047,601	8,199	7,728
72	50	72 495	335,942	2 675,900	7,965	7,495
73	51	70 460	303,028	2 339,958	7,722	7,251
74	52	68 315	272,671	2 036,930	7,470	7,000
75	53	66 041	244,633	1 764,258	7,212	6,741
76	54	63 619	218,711	1 519,625	6,948	6,477
77	55	61 040	194,752	1 300,914	6,680	6,209
78	56	58 328	172,713	1 106,162	6,405	5,934
79	57	55 429	152,325	933,449	6,128	5,657
80	58	52 322	133,444	781,123	5,854	5,383
81	59	49 039	116,076	647,680	5,580	5,109
82	60	45 555	100,074	531,603	5,312	4,841
83	61	41 922	85,468	431,529	5,049	4,578
84	62	38 152	72,188	346,061	4,794	4,323
85	63	34 306	60,242	273,873	4,546	4,076
86	64	30 416	49,569	213,631	4,310	3,839
87	65	26 570	40,187	164,062	4,082	3,612
88	66	22 852	32,078	123,875	3,862	3,391
89	67	19 310	25,157	91,797	3,649	3,178
90	68	16 017	19,365	66,640	3,441	2,971
91	69	13 007	14,595	47,275	3,239	2,769
92	70	10 258	10,683	32,681	3,059	2,589
93	71	7 861	7,597	21,998	2,895	2,425
94	72	5 865	5,260	14,401	2,738	2,267
95	73	4 199	3,496	9,140	2,615	2,144
96	74	2 952	2,281	5,645	2,475	2,004
97	75	1 995	1,430	3,364	2,352	1,881
98	76	1 295	0,862	1,934	2,244	1,773
99	77	809	0,500	1,072	2,146	1,675
100	78	485	0,278	0,572	2,057	1,586

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	17 821,153	239 610,619	13,445	12,975
24	1	98 856	16 481,107	221 789,466	13,457	12,987
25	2	98 785	15 284,764	205 308,359	13,432	12,962
26	3	98 726	14 176,883	190 023,595	13,404	12,933
27	4	98 667	13 149,399	175 846,712	13,373	12,902
28	5	98 606	12 196,069	162 697,313	13,340	12,869
29	6	98 548	11 312,179	150 501,244	13,304	12,834
30	7	98 485	10 491,840	139 189,065	13,266	12,796
31	8	98 423	9 731,117	128 697,225	13,225	12,755
32	9	98 350	9 024,424	118 966,107	13,183	12,712
33	10	98 274	8 368,927	109 941,684	13,137	12,666
34	11	98 199	7 761,010	101 572,757	13,088	12,617
35	12	98 112	7 196,458	93 811,746	13,036	12,565
36	13	98 017	6 672,390	86 615,289	12,981	12,510
37	14	97 922	6 186,448	79 942,899	12,922	12,452
38	15	97 820	5 735,502	73 756,451	12,860	12,389
39	16	97 705	5 316,720	68 020,949	12,794	12,323
40	17	97 585	4 928,230	62 704,229	12,723	12,253
41	18	97 448	4 567,347	57 775,999	12,650	12,179
42	19	97 299	4 232,360	53 208,652	12,572	12,101
43	20	97 135	3 921,335	48 976,291	12,490	12,019
44	21	96 958	3 632,657	45 054,957	12,403	11,932
45	22	96 768	3 364,765	41 422,299	12,311	11,840
46	23	96 554	3 115,829	38 057,534	12,214	11,744
47	24	96 322	2 884,776	34 941,706	12,112	11,642
48	25	96 066	2 670,179	32 056,929	12,006	11,535
49	26	95 781	2 470,762	29 386,750	11,894	11,423
50	27	95 461	2 285,390	26 915,988	11,777	11,307
51	28	95 104	2 113,089	24 630,598	11,656	11,186
52	29	94 713	1 953,044	22 517,509	11,529	11,059
53	30	94 270	1 804,082	20 564,464	11,399	10,928
54	31	93 772	1 665,479	18 760,382	11,264	10,794
55	32	93 219	1 536,581	17 094,904	11,125	10,655
56	33	92 614	1 416,802	15 558,322	10,981	10,511
57	34	91 949	1 305,451	14 141,520	10,833	10,362
58	35	91 220	1 201,950	12 836,069	10,679	10,209
59	36	90 413	1 105,638	11 634,120	10,523	10,052
60	37	89 535	1 016,146	10 528,482	10,361	9,891
61	38	88 595	933,160	9 512,336	10,194	9,723
62	39	87 570	856,023	8 579,176	10,022	9,551
63	40	86 457	784,352	7 723,153	9,847	9,376
64	41	85 269	717,936	6 938,801	9,665	9,194
65	42	83 988	656,285	6 220,865	9,479	9,008
66	43	82 628	599,223	5 564,580	9,286	8,816
67	44	81 205	546,541	4 965,357	9,085	8,614
68	45	79 665	497,616	4 418,816	8,880	8,409
69	46	78 088	452,683	3 921,200	8,662	8,191
70	47	76 380	410,932	3 468,517	8,441	7,970
71	48	74 562	372,296	3 057,585	8,213	7,742
72	49	72 627	336,552	2 685,288	7,979	7,508
73	50	70 599	303,627	2 348,736	7,736	7,265
74	51	68 467	273,275	2 045,110	7,484	7,013
75	52	66 203	245,235	1 771,835	7,225	6,754
76	53	63 793	219,311	1 526,600	6,961	6,490
77	54	61 224	195,340	1 307,289	6,692	6,222
78	55	58 521	173,288	1 111,949	6,417	5,946
79	56	55 630	152,879	938,662	6,140	5,669
80	57	52 531	133,979	785,783	5,865	5,394
81	58	49 256	116,590	651,804	5,591	5,120
82	59	45 776	100,560	535,214	5,322	4,852
83	60	42 149	85,932	434,654	5,058	4,587
84	61	38 367	72,594	348,722	4,804	4,333
85	62	34 515	60,610	276,128	4,556	4,085
86	63	30 617	49,898	215,518	4,319	3,849
87	64	26 765	40,482	165,620	4,091	3,621
88	65	23 037	32,337	125,138	3,870	3,399
89	66	19 481	25,378	92,801	3,657	3,186
90	67	16 174	19,555	67,423	3,448	2,977
91	68	13 141	14,745	47,868	3,246	2,776
92	69	10 374	10,803	33,123	3,066	2,595
93	70	7 958	7,691	22,320	2,902	2,431
94	71	5 944	5,332	14,629	2,744	2,273
95	72	4 261	3,547	9,297	2,621	2,151
96	73	2 999	2,317	5,750	2,482	2,012
97	74	2 029	1,455	3,434	2,360	1,889
98	75	1 320	0,879	1,979	2,252	1,781
99	76	827	0,511	1,100	2,154	1,684
100	77	498	0,285	0,589	2,066	1,596

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	16 531,758	221 879,960	13,421	12,951
25	1	98 808	15 288,297	205 348,202	13,432	12,961
26	2	98 737	14 178,571	190 059,905	13,405	12,934
27	3	98 679	13 150,966	175 881,334	13,374	12,903
28	4	98 615	12 197,179	162 730,369	13,342	12,871
29	5	98 555	11 313,028	150 533,190	13,306	12,836
30	6	98 491	10 492,531	139 220,163	13,269	12,798
31	7	98 428	9 731,597	128 727,632	13,228	12,757
32	8	98 356	9 024,983	118 996,035	13,185	12,715
33	9	98 281	8 369,468	109 971,052	13,140	12,669
34	10	98 205	7 761,470	101 601,584	13,091	12,620
35	11	98 120	7 196,994	93 840,114	13,039	12,568
36	12	98 025	6 672,918	86 643,120	12,984	12,514
37	13	97 930	6 186,979	79 970,202	12,926	12,455
38	14	97 830	5 736,104	73 783,223	12,863	12,392
39	15	97 717	5 317,385	68 047,120	12,797	12,326
40	16	97 599	4 928,926	62 729,734	12,727	12,256
41	17	97 462	4 568,016	57 800,809	12,653	12,183
42	18	97 319	4 233,222	53 232,793	12,575	12,104
43	19	97 154	3 922,092	48 999,571	12,493	12,023
44	20	96 976	3 633,330	45 077,479	12,407	11,936
45	21	96 784	3 365,322	41 444,149	12,315	11,844
46	22	96 570	3 116,368	38 078,827	12,219	11,748
47	23	96 343	2 885,403	34 962,459	12,117	11,646
48	24	96 082	2 670,632	32 077,056	12,011	11,540
49	25	95 798	2 471,223	29 406,424	11,900	11,429
50	26	95 479	2 285,835	26 935,201	11,784	11,313
51	27	95 125	2 113,551	24 649,366	11,663	11,192
52	28	94 737	1 953,532	22 535,816	11,536	11,065
53	29	94 294	1 804,549	20 582,284	11,406	10,935
54	30	93 800	1 665,973	18 777,735	11,271	10,801
55	31	93 249	1 537,072	17 111,762	11,133	10,662
56	32	92 646	1 417,294	15 574,690	10,989	10,518
57	33	91 981	1 305,916	14 157,396	10,841	10,370
58	34	91 255	1 202,420	12 851,480	10,688	10,217
59	35	90 450	1 106,083	11 649,060	10,532	10,061
60	36	89 577	1 016,622	10 542,977	10,371	9,900
61	37	88 636	933,589	9 526,354	10,204	9,733
62	38	87 622	856,525	8 592,765	10,032	9,561
63	39	86 508	784,819	7 736,240	9,857	9,387
64	40	85 327	718,424	6 951,421	9,676	9,205
65	41	84 052	656,786	6 232,997	9,490	9,019
66	42	82 697	599,721	5 576,211	9,298	8,827
67	43	81 278	547,034	4 976,490	9,097	8,627
68	44	79 747	498,124	4 429,457	8,892	8,422
69	45	78 175	453,187	3 931,333	8,675	8,204
70	46	76 477	411,454	3 478,146	8,453	7,983
71	47	74 669	372,831	3 066,691	8,225	7,755
72	48	72 743	337,091	2 693,860	7,991	7,521
73	49	70 728	304,178	2 356,769	7,748	7,277
74	50	68 602	273,815	2 052,592	7,496	7,026
75	51	66 350	245,778	1 778,777	7,237	6,767
76	52	63 950	219,851	1 532,999	6,973	6,502
77	53	61 392	195,875	1 313,149	6,704	6,233
78	54	58 698	173,811	1 117,274	6,428	5,957
79	55	55 815	153,387	943,463	6,151	5,680
80	56	52 722	134,465	790,076	5,876	5,405
81	57	49 454	117,058	655,611	5,601	5,130
82	58	45 979	101,005	538,553	5,332	4,861
83	59	42 354	86,349	437,548	5,067	4,597
84	60	38 575	72,988	351,199	4,812	4,341
85	61	34 710	60,951	278,211	4,565	4,094
86	62	30 804	50,203	217,260	4,328	3,857
87	63	26 943	40,751	167,057	4,099	3,629
88	64	23 206	32,574	126,307	3,878	3,407
89	65	19 638	25,583	93,733	3,664	3,193
90	66	16 316	19,727	68,149	3,455	2,984
91	67	13 269	14,890	48,422	3,252	2,781
92	68	10 481	10,915	33,533	3,072	2,602
93	69	8 048	7,778	22,618	2,908	2,437
94	70	6 018	5,397	14,840	2,749	2,279
95	71	4 318	3,595	9,442	2,627	2,156
96	72	3 042	2,350	5,848	2,488	2,017
97	73	2 061	1,478	3,497	2,366	1,896
98	74	1 343	0,894	2,019	2,259	1,788
99	75	843	0,521	1,125	2,162	1,691
100	76	509	0,292	0,605	2,074	1,603

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 7,75 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	15 335,282	205 431,402	13,396	12,925
26	1	98 760	14 181,848	190 096,120	13,404	12,934
27	2	98 691	13 152,532	175 914,273	13,375	12,904
28	3	98 627	12 198,632	162 761,741	13,343	12,872
29	4	98 564	11 314,057	150 563,109	13,308	12,837
30	5	98 499	10 493,318	139 249,053	13,270	12,800
31	6	98 435	9 732,238	128 755,735	13,230	12,759
32	7	98 360	9 025,428	119 023,497	13,188	12,717
33	8	98 287	8 369,986	109 998,070	13,142	12,671
34	9	98 211	7 761,973	101 628,083	13,093	12,622
35	10	98 125	7 197,420	93 866,111	13,042	12,571
36	11	98 033	6 673,415	86 668,691	12,987	12,516
37	12	97 938	6 187,468	79 995,276	12,929	12,458
38	13	97 839	5 736,596	73 807,807	12,866	12,395
39	14	97 728	5 317,943	68 071,212	12,800	12,330
40	15	97 611	4 929,542	62 753,269	12,730	12,259
41	16	97 476	4 568,660	57 823,726	12,657	12,186
42	17	97 333	4 233,842	53 255,066	12,578	12,108
43	18	97 174	3 922,891	49 021,224	12,496	12,026
44	19	96 995	3 634,032	45 098,333	12,410	11,939
45	20	96 802	3 365,945	41 464,301	12,319	11,848
46	21	96 586	3 116,884	38 098,356	12,223	11,753
47	22	96 359	2 885,902	34 981,472	12,122	11,651
48	23	96 103	2 671,211	32 095,570	12,015	11,545
49	24	95 815	2 471,642	29 424,359	11,905	11,434
50	25	95 497	2 286,261	26 952,717	11,789	11,318
51	26	95 143	2 113,962	24 666,455	11,668	11,198
52	27	94 758	1 953,958	22 552,493	11,542	11,071
53	28	94 318	1 804,999	20 598,535	11,412	10,941
54	29	93 824	1 666,405	18 793,536	11,278	10,807
55	30	93 277	1 537,529	17 127,131	11,139	10,669
56	31	92 676	1 417,746	15 589,602	10,996	10,525
57	32	92 013	1 306,369	14 171,856	10,848	10,378
58	33	91 288	1 202,848	12 865,487	10,696	10,225
59	34	90 485	1 106,516	11 662,638	10,540	10,069
60	35	89 613	1 017,031	10 556,123	10,379	9,909
61	36	88 678	934,027	9 539,091	10,213	9,742
62	37	87 662	856,919	8 605,064	10,042	9,571
63	38	86 559	785,279	7 748,144	9,867	9,396
64	39	85 378	718,852	6 962,865	9,686	9,215
65	40	84 109	657,232	6 244,013	9,500	9,030
66	41	82 760	600,179	5 586,782	9,309	8,838
67	42	81 345	547,488	4 986,603	9,108	8,637
68	43	79 819	498,573	4 439,115	8,904	8,433
69	44	78 255	453,650	3 940,542	8,686	8,216
70	45	76 562	411,912	3 486,892	8,465	7,994
71	46	74 764	373,305	3 074,980	8,237	7,767
72	47	72 847	337,575	2 701,675	8,003	7,533
73	48	70 841	304,665	2 364,100	7,760	7,289
74	49	68 726	274,311	2 059,435	7,508	7,037
75	50	66 481	246,263	1 785,123	7,249	6,778
76	51	64 092	220,337	1 538,860	6,984	6,513
77	52	61 543	196,357	1 318,523	6,715	6,244
78	53	58 859	174,287	1 122,166	6,439	5,968
79	54	55 984	153,850	947,879	6,161	5,690
80	55	52 897	134,912	794,029	5,886	5,415
81	56	49 633	117,483	659,116	5,610	5,140
82	57	46 163	101,410	541,634	5,341	4,870
83	58	42 541	86,731	440,223	5,076	4,605
84	59	38 762	73,342	353,492	4,820	4,349
85	60	34 898	61,281	280,150	4,572	4,101
86	61	30 978	50,485	218,869	4,335	3,865
87	62	27 107	41,000	168,384	4,107	3,636
88	63	23 359	32,790	127,384	3,885	3,414
89	64	19 782	25,771	94,594	3,671	3,200
90	65	16 448	19,886	68,823	3,461	2,990
91	66	13 386	15,021	48,936	3,258	2,787
92	67	10 584	11,022	33,916	3,077	2,607
93	68	8 131	7,858	22,894	2,913	2,443
94	69	6 085	5,458	15,036	2,755	2,284
95	70	4 372	3,639	9,577	2,632	2,161
96	71	3 084	2,382	5,938	2,492	2,022
97	72	2 091	1,499	3,555	2,371	1,900
98	73	1 364	0,908	2,056	2,264	1,794
99	74	858	0,530	1,148	2,168	1,697
100	75	519	0,297	0,618	2,080	1,610

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 0 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	0	100 000	100 000,000	1 330 265,090	13,303	12,832
1	1	99 340	91 981,520	1 230 265,090	13,375	12,904
2	2	99 290	85 125,201	1 138 283,570	13,372	12,901
3	3	99 263	78 797,952	1 053 158,370	13,365	12,894
4	4	99 238	72 942,982	974 360,417	13,358	12,887
5	5	99 218	67 525,824	901 417,435	13,349	12,878
6	6	99 201	62 513,331	833 891,610	13,339	12,868
7	7	99 184	57 872,901	771 378,280	13,329	12,858
8	8	99 171	53 578,867	713 505,378	13,317	12,846
9	9	99 157	49 602,949	659 926,512	13,304	12,833
10	10	99 142	45 921,991	610 323,563	13,290	12,819
11	11	99 129	42 514,573	564 401,571	13,275	12,804
12	12	99 112	39 358,898	521 886,998	13,260	12,789
13	13	99 097	36 437,686	482 528,100	13,243	12,772
14	14	99 079	33 732,480	446 090,414	13,224	12,753
15	15	99 056	31 226,728	412 357,935	13,205	12,734
16	16	99 029	28 905,675	381 131,207	13,185	12,714
17	17	98 990	26 753,844	352 225,532	13,165	12,694
18	18	98 946	24 761,189	325 471,688	13,144	12,673
19	19	98 888	22 913,570	300 710,499	13,124	12,653
20	20	98 828	21 203,316	277 796,929	13,102	12,631
21	21	98 765	19 620,217	256 593,613	13,078	12,607
22	22	98 704	18 155,737	236 973,396	13,052	12,581
23	23	98 643	16 800,378	218 817,658	13,025	12,554
24	24	98 576	15 545,388	202 017,280	12,995	12,524
25	25	98 512	14 384,481	186 471,892	12,963	12,492
26	26	98 446	13 310,073	172 087,411	12,929	12,458
27	27	98 380	12 315,905	158 777,338	12,892	12,421
28	28	98 307	11 395,109	146 461,433	12,853	12,382
29	29	98 232	10 542,962	135 066,324	12,811	12,340
30	30	98 150	9 753,887	124 523,362	12,767	12,295
31	31	98 064	9 023,494	114 769,475	12,719	12,248
32	32	97 966	8 346,671	105 745,981	12,669	12,198
33	33	97 863	7 720,305	97 399,310	12,616	12,145
34	34	97 759	7 140,811	89 679,006	12,559	12,088
35	35	97 642	6 603,954	82 538,195	12,498	12,027
36	36	97 516	6 106,885	75 934,241	12,434	11,963
37	37	97 384	5 646,857	69 827,356	12,366	11,895
38	38	97 248	5 221,268	64 180,499	12,292	11,821
39	39	97 089	4 826,605	58 959,231	12,215	11,744
40	40	96 925	4 461,542	54 132,626	12,133	11,662
41	41	96 737	4 123,066	49 671,083	12,047	11,576
42	42	96 536	3 809,689	45 548,017	11,956	11,485
43	43	96 312	3 519,311	41 738,329	11,860	11,389
44	44	96 067	3 250,357	38 219,018	11,758	11,287
45	45	95 797	3 001,121	34 968,662	11,652	11,181
46	46	95 495	2 770,052	31 967,541	11,540	11,069
47	47	95 165	2 556,009	29 197,489	11,423	10,952
48	48	94 793	2 357,408	26 641,479	11,301	10,830
49	49	94 378	2 173,225	24 284,071	11,174	10,703
50	50	93 910	2 002,279	22 110,846	11,043	10,572
51	51	93 395	1 843,800	20 108,567	10,906	10,435
52	52	92 829	1 696,874	18 264,767	10,764	10,293
53	53	92 192	1 560,386	16 567,893	10,618	10,147
54	54	91 481	1 433,669	15 007,507	10,468	9,997
55	55	90 697	1 316,099	13 573,838	10,314	9,843
56	56	89 841	1 207,104	12 257,739	10,155	9,684
57	57	88 905	1 106,038	11 050,635	9,991	9,520
58	58	87 882	1 012,329	9 944,597	9,823	9,352
59	59	86 756	925,331	8 932,268	9,653	9,182
60	60	85 538	844,762	8 006,937	9,478	9,007
61	61	84 223	770,159	7 162,174	9,300	8,829
62	62	82 831	701,328	6 392,015	9,114	8,643
63	63	81 330	637,605	5 690,687	8,925	8,454
64	64	79 738	578,823	5 053,082	8,730	8,259
65	65	78 027	524,446	4 474,259	8,531	8,060
66	66	76 212	474,305	3 949,812	8,328	7,857
67	67	74 312	428,219	3 475,507	8,116	7,645
68	68	72 270	385,606	3 047,288	7,903	7,432
69	69	70 194	346,786	2 661,682	7,675	7,204
70	70	67 978	310,959	2 314,896	7,444	6,973
71	71	65 645	278,045	2 003,938	7,207	6,736
72	72	63 186	247,806	1 725,893	6,965	6,494
73	73	60 647	220,230	1 478,087	6,712	6,241
74	74	58 019	195,079	1 257,857	6,448	5,977
75	75	55 263	172,049	1 062,778	6,177	5,706
76	76	52 364	150,949	890,728	5,901	5,430
77	77	49 293	131,571	739,779	5,623	5,152
78	78	46 104	113,943	608,208	5,338	4,867
79	79	42 737	97,796	494,266	5,054	4,583
80	80	39 169	82,993	396,469	4,777	4,306
81	81	35 458	69,565	313,476	4,506	4,035
82	82	31 640	57,477	243,911	4,244	3,773
83	83	27 801	46,761	186,434	3,987	3,516
84	84	23 966	37,324	139,673	3,742	3,271
85	85	20 224	29,164	102,349	3,509	3,038
86	86	16 656	22,239	73,185	3,291	2,820
87	87	13 353	16,509	50,946	3,086	2,615
88	88	10 406	11,912	34,437	2,891	2,420
89	89	7 852	8,323	22,525	2,706	2,235
90	90	5 716	5,610	14,202	2,532	2,061
91	91	3 996	3,631	8,592	2,366	1,895
92	92	2 654	2,233	4,961	2,222	1,751
93	93	1 672	1,303	2,728	2,094	1,623
94	94	1 000	0,721	1,425	1,976	1,504
95	95	556	0,371	0,704	1,896	1,425
96	96	298	0,184	0,333	1,805	1,334
97	97	150	0,086	0,148	1,731	1,260
98	98	72	0,038	0,063	1,649	1,178
99	99	32	0,016	0,025	1,579	1,108
100	100	13	0,006	0,009	1,518	1,047

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	1	99 694	99 693,614	1 329 619,310	13,337	12,866	50	51	93 725	1 998,334	21 966,895	10,993	10,522
1	2	99 317	91 960,267	1 229 925,696	13,375	12,903	51	52	93 189	1 839,727	19 968,562	10,854	10,383
2	3	99 278	85 115,064	1 137 965,429	13,370	12,899	52	53	92 601	1 692,708	18 128,835	10,710	10,239
3	4	99 251	78 788,565	1 052 850,366	13,363	12,892	53	54	91 940	1 556,122	16 436,127	10,562	10,091
4	5	99 229	72 936,349	974 061,801	13,355	12,884	54	55	91 206	1 429,354	14 880,005	10,410	9,939
5	6	99 210	67 520,760	901 125,451	13,346	12,875	55	56	90 397	1 311,738	13 450,651	10,254	9,783
6	7	99 194	62 509,216	833 604,691	13,336	12,865	56	57	89 516	1 202,736	12 138,913	10,093	9,622
7	8	99 179	57 870,048	771 095,475	13,325	12,854	57	58	88 550	1 101,622	10 936,177	9,927	9,456
8	9	99 165	53 575,549	713 225,427	13,313	12,841	58	59	87 494	1 007,864	9 834,555	9,758	9,287
9	10	99 150	49 599,739	659 649,878	13,299	12,828	59	60	86 337	920,862	8 826,691	9,585	9,114
10	11	99 136	45 919,270	610 050,138	13,285	12,814	60	61	85 077	840,208	7 905,829	9,409	8,938
11	12	99 121	42 511,406	564 130,868	13,270	12,799	61	62	83 752	765,850	7 065,621	9,226	8,755
12	13	99 105	39 355,784	521 619,461	13,254	12,783	62	63	82 328	697,067	6 299,771	9,038	8,567
13	14	99 088	36 434,562	482 263,677	13,236	12,765	63	64	80 794	633,407	5 602,704	8,845	8,374
14	15	99 068	33 728,940	445 829,115	13,218	12,747	64	65	79 157	574,605	4 969,298	8,648	8,177
15	16	99 044	31 222,821	412 100,175	13,199	12,728	65	66	77 402	520,244	4 394,692	8,447	7,976
16	17	99 015	28 901,596	380 877,354	13,178	12,707	66	67	75 547	470,162	3 874,448	8,241	7,770
17	18	98 975	26 749,927	351 975,758	13,158	12,687	67	68	73 591	424,068	3 404,286	8,028	7,557
18	19	98 926	24 756,146	325 225,831	13,137	12,666	68	69	71 532	381,667	2 980,218	7,808	7,337
19	20	98 869	22 909,148	300 469,684	13,116	12,645	69	70	69 410	342,911	2 598,551	7,578	7,107
20	21	98 809	21 199,390	277 560,537	13,093	12,622	70	71	67 149	307,170	2 255,640	7,343	6,872
21	22	98 749	19 616,969	256 361,147	13,068	12,597	71	72	64 766	274,322	1 948,470	7,103	6,632
22	23	98 687	18 152,595	236 744,178	13,042	12,571	72	73	62 276	244,235	1 674,148	6,855	6,384
23	24	98 621	16 796,733	218 591,582	13,014	12,543	73	74	59 708	216,821	1 429,913	6,595	6,124
24	25	98 559	15 542,752	201 794,850	12,983	12,512	74	75	57 026	191,742	1 213,092	6,327	5,856
25	26	98 493	14 381,798	186 252,097	12,951	12,479	75	76	54 209	168,769	1 021,351	6,052	5,581
26	27	98 427	13 307,483	171 870,299	12,915	12,444	76	77	51 221	147,654	852,582	5,774	5,303
27	28	98 359	12 313,215	158 562,816	12,877	12,406	77	78	48 088	128,354	704,928	5,492	5,021
28	29	98 282	11 392,267	146 249,601	12,838	12,367	78	79	44 809	110,741	576,574	5,207	4,735
29	30	98 206	10 540,234	134 857,334	12,795	12,323	79	80	41 330	94,577	465,833	4,925	4,454
30	31	98 121	9 750,991	124 317,100	12,749	12,278	80	81	37 665	79,805	371,256	4,652	4,181
31	32	98 033	9 020,614	114 566,109	12,700	12,229	81	82	33 896	66,500	291,451	4,383	3,912
32	33	97 932	8 343,774	105 545,495	12,650	12,179	82	83	30 048	54,584	224,951	4,121	3,650
33	34	97 828	7 717,556	97 201,721	12,595	12,124	83	84	26 186	44,045	170,368	3,868	3,397
34	35	97 720	7 138,018	89 484,165	12,536	12,065	84	85	22 355	34,815	126,322	3,628	3,157
35	36	97 602	6 601,296	82 346,147	12,474	12,003	85	86	18 662	26,911	91,507	3,400	2,929
36	37	97 470	6 104,022	75 744,851	12,409	11,938	86	87	15 175	20,262	64,595	3,188	2,717
37	38	97 339	5 644,258	69 640,830	12,338	11,867	87	88	12 002	14,839	44,334	2,988	2,517
38	39	97 191	5 218,210	63 996,572	12,264	11,793	88	89	9 211	10,544	29,495	2,797	2,326
39	40	97 031	4 823,730	58 778,361	12,185	11,714	89	90	6 824	7,233	18,951	2,620	2,149
40	41	96 859	4 458,514	53 954,631	12,101	11,630	90	91	4 870	4,780	11,717	2,451	1,980
41	42	96 664	4 119,921	49 496,117	12,014	11,543	91	92	3 327	3,023	6,938	2,295	1,824
42	43	96 455	3 806,527	45 376,197	11,921	11,450	92	93	2 156	1,814	3,914	2,158	1,687
43	44	96 225	3 516,143	41 569,669	11,823	11,351	93	94	1 323	1,030	2,100	2,038	1,567
44	45	95 969	3 247,041	38 053,526	11,719	11,248	94	95	765	0,552	1,070	1,939	1,468
45	46	95 691	2 997,784	34 806,485	11,611	11,140	95	96	417	0,279	0,518	1,858	1,387
46	47	95 374	2 766,534	31 808,701	11,498	11,027	96	97	218	0,135	0,239	1,776	1,305
47	48	95 029	2 552,345	29 042,166	11,379	10,908	97	98	108	0,062	0,105	1,687	1,216
48	49	94 641	2 353,637	26 489,821	11,255	10,784	98	99	50	0,026	0,043	1,612	1,141
49	50	94 207	2 169,288	24 136,184	11,126	10,655	99	100	21	0,010	0,016	1,547	1,076

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$	Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	2	99 671	99 670,579	1 329 247,551	13,336	12,865	50	52	93 518	1 993,920	21 810,693	10,939	10,468
1	3	99 305	91 949,316	1 229 576,972	13,372	12,901	51	53	92 960	1 835,210	19 816,774	10,798	10,327
2	4	99 266	85 104,923	1 137 627,656	13,367	12,896	52	54	92 348	1 688,082	17 981,563	10,652	10,181
3	5	99 242	78 781,400	1 052 522,733	13,360	12,889	53	55	91 663	1 551,438	16 293,482	10,502	10,031
4	6	99 222	72 930,880	973 741,332	13,352	12,881	54	56	90 904	1 424,618	14 742,044	10,348	9,877
5	7	99 204	67 516,316	900 810,452	13,342	12,871	55	57	90 070	1 306,991	13 317,426	10,189	9,718
6	8	99 189	62 506,134	833 294,137	13,331	12,860	56	58	89 159	1 197,934	12 010,435	10,026	9,555
7	9	99 173	57 866,466	770 788,002	13,320	12,849	57	59	88 159	1 096,764	10 812,500	9,859	9,388
8	10	99 158	53 572,083	712 921,537	13,308	12,837	58	60	87 072	1 002,996	9 715,737	9,687	9,216
9	11	99 144	49 596,800	659 349,454	13,294	12,823	59	61	85 871	915,897	8 712,741	9,513	9,042
10	12	99 129	45 915,850	609 752,654	13,280	12,809	60	62	84 601	835,507	7 796,843	9,332	8,861
11	13	99 113	42 508,043	563 836,804	13,264	12,793	61	63	83 243	761,196	6 961,336	9,145	8,674
12	14	99 096	39 352,411	521 328,761	13,248	12,777	62	64	81 786	692,477	6 200,140	8,954	8,483
13	15	99 078	36 430,739	481 976,350	13,230	12,759	63	65	80 205	628,791	5 507,663	8,759	8,288
14	16	99 056	33 724,720	445 545,611	13,211	12,740	64	66	78 523	570,002	4 878,873	8,559	8,088
15	17	99 030	31 218,416	411 820,891	13,192	12,721	65	67	76 726	515,700	4 308,871	8,355	7,884
16	18	99 001	28 897,364	380 602,475	13,171	12,700	66	68	74 814	465,604	3 793,171	8,147	7,676
17	19	98 955	26 744,480	351 705,111	13,151	12,680	67	69	72 840	419,736	3 327,567	7,928	7,457
18	20	98 907	24 751,368	324 960,631	13,129	12,658	68	70	70 733	377,403	2 907,831	7,705	7,234
19	21	98 851	22 904,905	300 209,263	13,107	12,636	69	71	68 564	338,733	2 530,428	7,470	6,999
20	22	98 793	21 195,880	277 304,358	13,083	12,612	70	72	66 250	303,057	2 191,695	7,232	6,761
21	23	98 731	19 613,574	256 108,477	13,058	12,587	71	73	63 833	270,369	1 888,638	6,985	6,514
22	24	98 666	18 148,657	236 494,903	13,031	12,560	72	74	61 312	240,454	1 618,269	6,730	6,259
23	25	98 605	16 793,884	218 346,246	13,002	12,530	73	75	58 687	213,111	1 377,815	6,465	5,994
24	26	98 541	15 539,854	201 552,362	12,970	12,499	74	76	55 939	188,086	1 164,704	6,192	5,721
25	27	98 474	14 379,000	186 012,508	12,936	12,465	75	77	53 026	165,085	976,618	5,916	5,445
26	28	98 405	13 304,576	171 633,508	12,900	12,429	76	78	49 969	144,044	811,533	5,634	5,163
27	29	98 334	12 310,144	158 328,931	12,862	12,391	77	79	46 737	124,747	667,489	5,351	4,880
28	30	98 257	11 389,319	146 018,787	12,821	12,350	78	80	43 333	107,095	542,742	5,068	4,597
29	31	98 177	10 537,104	134 629,468	12,777	12,306	79	81	39 742	90,944	435,647	4,790	4,319
30	32	98 090	9 747,879	124 092,364	12,730	12,259	80	82	36 005	76,289	344,703	4,518	4,047
31	33	97 999	9 017,483	114 344,485	12,680	12,209	81	83	32 189	63,152	268,414	4,250	3,779
32	34	97 897	8 340,803	105 327,002	12,628	12,157	82	84	28 302	51,413	205,262	3,992	3,521
33	35	97 790	7 714,537	96 986,199	12,572	12,101	83	85	24 426	41,085	153,849	3,745	3,274
34	36	97 681	7 135,145	89 271,662	12,512	12,040	84	86	20 628	32,127	112,764	3,510	3,039
35	37	97 557	6 598,201	82 136,517	12,448	11,977	85	87	17 003	24,519	80,637	3,289	2,818
36	38	97 425	6 101,212	75 538,316	12,381	11,910	86	88	13 639	18,211	56,119	3,081	2,610
37	39	97 282	5 640,953	69 437,103	12,309	11,838	87	89	10 624	13,135	37,907	2,886	2,415
38	40	97 133	5 215,102	63 796,151	12,233	11,762	88	90	8 005	9,164	24,772	2,703	2,232
39	41	96 965	4 820,456	58 581,049	12,153	11,682	89	91	5 815	6,163	15,608	2,533	2,061
40	42	96 785	4 455,113	53 760,593	12,067	11,596	90	92	4 055	3,980	9,445	2,373	1,902
41	43	96 583	4 116,502	49 305,480	11,978	11,506	91	93	2 703	2,456	5,465	2,225	1,754
42	44	96 369	3 803,102	45 188,978	11,882	11,411	92	94	1 705	1,435	3,009	2,097	1,626
43	45	96 127	3 512,557	41 385,877	11,782	11,311	93	95	1 012	0,788	1,574	1,998	1,527
44	46	95 863	3 243,431	37 873,320	11,677	11,206	94	96	574	0,414	0,786	1,898	1,426
45	47	95 569	2 993,978	34 629,889	11,567	11,095	95	97	305	0,204	0,372	1,826	1,355
46	48	95 237	2 762,568	31 635,911	11,452	10,981	96	98	157	0,097	0,168	1,729	1,258
47	49	94 877	2 548,263	28 873,343	11,331	10,860	97	99	75	0,043	0,071	1,648	1,176
48	50	94 470	2 349,374	26 325,080	11,205	10,734	98	100	33	0,018	0,028	1,578	1,107
49	51	94 021	2 165,013	23 975,707	11,074	10,603							

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	3	99 659	99 658,710	1 328 865,486	13,334	12,863
1	4	99 293	91 938,362	1 229 206,775	13,370	12,899
2	5	99 257	85 097,185	1 137 268,414	13,364	12,893
3	6	99 234	78 775,492	1 052 171,229	13,357	12,886
4	7	99 215	72 926,079	973 395,737	13,348	12,877
5	8	99 199	67 512,987	900 469,658	13,338	12,867
6	9	99 183	62 502,265	832 956,670	13,327	12,856
7	10	99 167	57 862,721	770 454,406	13,315	12,844
8	11	99 152	53 568,908	712 591,685	13,302	12,831
9	12	99 137	49 593,106	659 022,776	13,289	12,818
10	13	99 121	45 912,218	609 429,670	13,274	12,803
11	14	99 105	42 504,399	563 517,452	13,258	12,787
12	15	99 086	39 348,281	521 013,053	13,241	12,770
13	16	99 066	36 426,181	481 664,772	13,223	12,752
14	17	99 042	33 719,962	445 238,590	13,204	12,733
15	18	99 016	31 213,845	411 518,629	13,184	12,713
16	19	98 981	28 891,479	380 304,784	13,163	12,692
17	20	98 936	26 739,317	351 413,305	13,142	12,671
18	21	98 889	24 746,785	324 673,987	13,120	12,649
19	22	98 834	22 901,113	299 927,203	13,097	12,626
20	23	98 776	21 192,213	277 026,089	13,072	12,601
21	24	98 710	19 609,319	255 833,877	13,047	12,576
22	25	98 649	18 145,579	236 224,558	13,018	12,547
23	26	98 586	16 790,753	218 078,979	12,988	12,517
24	27	98 522	15 536,831	201 288,226	12,956	12,485
25	28	98 453	14 375,859	185 751,395	12,921	12,450
26	29	98 381	13 301,258	171 375,536	12,884	12,413
27	30	98 309	12 306,959	158 074,278	12,844	12,373
28	31	98 228	11 385,937	145 767,319	12,802	12,331
29	32	98 146	10 533,741	134 381,382	12,757	12,286
30	33	98 056	9 744,496	123 847,642	12,709	12,238
31	34	97 964	9 014,272	114 103,146	12,658	12,187
32	35	97 858	8 337,541	105 088,873	12,604	12,133
33	36	97 750	7 711,432	96 751,332	12,546	12,075
34	37	97 635	7 131,800	89 039,900	12,485	12,014
35	38	97 512	6 595,164	81 908,100	12,419	11,948
36	39	97 368	6 097,639	75 312,936	12,351	11,880
37	40	97 224	5 637,592	69 215,297	12,277	11,806
38	41	97 067	5 211,562	63 577,705	12,199	11,728
39	42	96 891	4 816,779	58 366,142	12,117	11,646
40	43	96 705	4 451,416	53 549,363	12,030	11,559
41	44	96 496	4 112,797	49 097,947	11,938	11,467
42	45	96 270	3 799,222	44 985,150	11,841	11,370
43	46	96 020	3 508,651	41 185,928	11,738	11,267
44	47	95 741	3 239,312	37 677,277	11,631	11,160
45	48	95 432	2 989,686	34 437,965	11,519	11,048
46	49	95 085	2 758,150	31 448,279	11,402	10,931
47	50	94 705	2 543,647	28 690,129	11,279	10,808
48	51	94 283	2 344,744	26 146,483	11,151	10,680
49	52	93 813	2 160,231	23 801,739	11,018	10,547
50	53	93 288	1 989,024	21 641,508	10,880	10,409
51	54	92 706	1 830,194	19 652,484	10,738	10,267
52	55	92 070	1 683,001	17 822,289	10,590	10,119
53	56	91 359	1 546,298	16 139,288	10,437	9,966
54	57	90 575	1 419,462	14 592,991	10,281	9,810
55	58	89 710	1 301,773	13 173,528	10,120	9,649
56	59	88 765	1 192,651	11 871,755	9,954	9,483
57	60	87 733	1 091,466	10 679,104	9,784	9,313
58	61	86 602	997,589	9 587,638	9,611	9,140
59	62	85 391	910,773	8 590,049	9,432	8,961
60	63	84 087	830,430	7 679,276	9,247	8,776
61	64	82 694	756,184	6 848,846	9,057	8,586
62	65	81 190	687,430	6 092,662	8,863	8,392
63	66	79 563	623,753	5 405,232	8,666	8,195
64	67	77 837	565,022	4 781,479	8,462	7,991
65	68	75 982	510,700	4 216,457	8,256	7,785
66	69	74 050	460,848	3 705,756	8,041	7,570
67	70	72 026	415,047	3 244,908	7,818	7,347
68	71	69 871	372,805	2 829,861	7,591	7,120
69	72	67 646	334,198	2 457,057	7,352	6,881
70	73	65 296	298,690	2 122,859	7,107	6,636
71	74	62 844	266,183	1 824,169	6,853	6,382
72	75	60 263	236,340	1 557,986	6,592	6,121
73	76	57 568	209,048	1 321,646	6,322	5,851
74	77	54 718	183,980	1 112,598	6,047	5,576
75	78	51 729	161,048	928,618	5,766	5,295
76	79	48 565	139,996	767,570	5,483	5,012
77	80	45 198	120,640	627,573	5,202	4,731
78	81	41 669	102,982	506,933	4,923	4,452
79	82	37 991	86,937	403,952	4,646	4,175
80	83	34 192	72,448	317,015	4,376	3,905
81	84	30 320	59,484	244,566	4,111	3,640
82	85	26 400	47,957	185,082	3,859	3,388
83	86	22 540	37,912	137,125	3,617	3,146
84	87	18 794	29,270	99,213	3,390	2,918
85	88	15 282	22,038	69,942	3,174	2,703
86	89	12 073	16,120	47,905	2,972	2,501
87	90	9 233	11,415	31,784	2,784	2,313
88	91	6 821	7,808	20,369	2,609	2,138
89	92	4 842	5,132	12,561	2,448	1,977
90	93	3 295	3,233	7,429	2,298	1,827
91	94	2 138	1,942	4,196	2,160	1,689
92	95	1 304	1,097	2,253	2,054	1,582
93	96	760	0,592	1,156	1,953	1,482
94	97	420	0,303	0,564	1,863	1,392
95	98	220	0,147	0,261	1,775	1,304
96	99	109	0,068	0,114	1,686	1,215
97	100	50	0,029	0,046	1,611	1,140

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	4	99 647	99 646,837	1 328 459,971	13,332	12,861
1	5	99 284	91 930,002	1 228 813,134	13,367	12,896
2	6	99 250	85 090,803	1 136 883,132	13,361	12,890
3	7	99 228	78 770,307	1 051 792,329	13,353	12,882
4	8	99 210	72 922,484	973 022,023	13,343	12,872
5	9	99 193	67 508,807	900 099,539	13,333	12,862
6	10	99 177	62 498,220	832 590,731	13,322	12,851
7	11	99 161	57 859,293	770 092,511	13,310	12,839
8	12	99 145	53 564,918	712 233,218	13,297	12,826
9	13	99 129	49 589,183	658 668,300	13,282	12,811
10	14	99 113	45 908,282	609 079,118	13,267	12,796
11	15	99 095	42 499,939	563 170,836	13,251	12,780
12	16	99 073	39 343,359	520 670,896	13,234	12,763
13	17	99 052	36 421,042	481 327,538	13,216	12,745
14	18	99 028	33 715,024	444 906,496	13,196	12,725
15	19	98 995	31 207,488	411 191,472	13,176	12,705
16	20	98 961	28 885,903	379 983,983	13,155	12,684
17	21	98 918	26 734,366	351 098,081	13,133	12,662
18	22	98 872	24 742,688	324 363,715	13,109	12,638
19	23	98 817	22 897,150	299 621,027	13,086	12,614
20	24	98 755	21 187,614	276 723,877	13,061	12,590
21	25	98 693	19 605,993	255 536,262	13,034	12,563
22	26	98 631	18 142,196	235 930,269	13,005	12,533
23	27	98 567	16 787,486	217 788,073	12,973	12,502
24	28	98 500	15 533,437	201 000,587	12,940	12,469
25	29	98 428	14 372,274	185 467,150	12,905	12,433
26	30	98 355	13 297,816	171 094,876	12,866	12,395
27	31	98 280	12 303,304	157 797,060	12,826	12,355
28	32	98 196	11 382,303	145 493,756	12,782	12,311
29	33	98 112	10 530,085	134 111,453	12,736	12,265
30	34	98 021	9 741,026	123 581,368	12,687	12,216
31	35	97 926	9 010,747	113 840,342	12,634	12,163
32	36	97 819	8 334,185	104 829,595	12,578	12,107
33	37	97 705	7 707,817	96 495,410	12,519	12,048
34	38	97 590	7 128,518	88 787,593	12,455	11,984
35	39	97 455	6 591,302	81 659,075	12,389	11,918
36	40	97 310	6 094,007	75 067,774	12,318	11,847
37	41	97 158	5 633,766	68 973,767	12,243	11,772
38	42	96 993	5 207,587	63 340,001	12,163	11,692
39	43	96 811	4 812,782	58 132,414	12,079	11,608
40	44	96 618	4 447,410	53 319,633	11,989	11,518
41	45	96 398	4 108,602	48 872,223	11,895	11,424
42	46	96 163	3 794,998	44 763,621	11,795	11,324
43	47	95 898	3 504,196	40 968,623	11,691	11,220
44	48	95 604	3 234,669	37 464,427	11,582	11,111
45	49	95 279	2 984,903	34 229,758	11,468	10,997
46	50	94 912	2 753,153	31 244,855	11,349	10,878
47	51	94 518	2 538,634	28 491,701	11,223	10,752
48	52	94 075	2 339,565	25 953,068	11,093	10,622
49	53	93 583	2 154,927	23 613,503	10,958	10,487
50	54	93 033	1 983,588	21 458,575	10,818	10,347
51	55	92 427	1 824,686	19 474,988	10,673	10,202
52	56	91 765	1 677,425	17 650,301	10,522	10,051
53	57	91 029	1 540,702	15 972,877	10,367	9,896
54	58	90 213	1 413,795	14 432,175	10,208	9,737
55	59	89 315	1 296,031	13 018,380	10,045	9,574
56	60	88 337	1 186,890	11 722,348	9,877	9,405
57	61	87 260	1 085,582	10 535,458	9,705	9,234
58	62	86 118	992,008	9 449,876	9,526	9,055
59	63	84 872	905,238	8 457,868	9,343	8,872
60	64	83 533	824,962	7 552,630	9,155	8,684
61	65	82 092	750,673	6 727,668	8,962	8,491
62	66	80 539	681,923	5 976,994	8,765	8,294
63	67	78 868	618,304	5 295,072	8,564	8,093
64	68	77 082	559,545	4 676,768	8,358	7,887
65	69	75 206	505,484	4 117,223	8,145	7,674
66	70	73 223	455,699	3 611,739	7,926	7,455
67	71	71 148	409,990	3 156,040	7,698	7,227
68	72	68 935	367,813	2 746,050	7,466	6,995
69	73	66 671	329,382	2 378,237	7,220	6,749
70	74	64 285	294,066	2 048,855	6,967	6,496
71	75	61 769	261,629	1 754,789	6,707	6,236
72	76	59 114	231,834	1 493,161	6,441	5,970
73	77	56 311	204,485	1 261,327	6,168	5,697
74	78	53 380	179,482	1 056,842	5,888	5,417
75	79	50 276	156,523	877,360	5,605	5,134
76	80	46 966	135,387	720,837	5,324	4,853
77	81	43 462	116,006	585,450	5,047	4,576
78	82	39 833	98,444	469,444	4,769	4,298
79	83	36 079	82,560	371,000	4,494	4,023
80	84	32 206	68,241	288,439	4,227	3,756
81	85	28 282	55,485	220,199	3,969	3,498
82	86	24 361	44,254	164,713	3,722	3,251
83	87	20 536	34,541	120,459	3,487	3,016
84	88	16 892	26,309	85,918	3,266	2,795
85	89	13 527	19,507	59,609	3,056	2,585
86	90	10 492	14,010	40,102	2,862	2,391
87	91	7 867	9,726	26,092	2,683	2,212
88	92	5 680	6,502	16,366	2,517	2,046
89	93	3 934	4,169	9,864	2,366	1,895
90	94	2 605	2,557	5,695	2,227	1,756
91	95	1 635	1,486	3,138	2,112	1,641
92	96	979	0,824	1,652	2,005	1,534
93	97	555	0,432	0,828	1,915	1,444
94	98	303	0,219	0,396	1,809	1,338
95	99	153	0,102	0,177	1,729	1,258
96	100	73	0,045	0,075	1,647	1,176

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	5	99 638	99 637,776	1 328 028,903	13,329	12,858
1	6	99 277	91 923,107	1 228 391,127	13,363	12,892
2	7	99 243	85 085,202	1 136 468,019	13,357	12,886
3	8	99 223	78 766,424	1 051 382,818	13,348	12,877
4	9	99 204	72 917,969	972 616,394	13,339	12,867
5	10	99 186	67 504,439	899 698,425	13,328	12,857
6	11	99 171	62 494,517	832 193,985	13,316	12,845
7	12	99 153	57 854,983	769 699,468	13,304	12,833
8	13	99 137	53 560,680	711 844,485	13,290	12,819
9	14	99 121	49 584,932	658 283,805	13,276	12,805
10	15	99 102	45 903,465	608 698,873	13,260	12,789
11	16	99 082	42 494,622	562 795,409	13,244	12,773
12	17	99 059	39 337,807	520 300,786	13,226	12,755
13	18	99 037	36 415,709	480 962,979	13,208	12,737
14	19	99 007	33 708,159	444 547,270	13,188	12,717
15	20	98 976	31 201,465	410 839,111	13,167	12,696
16	21	98 943	28 880,554	379 637,647	13,145	12,674
17	22	98 901	26 729,940	350 757,093	13,122	12,651
18	23	98 855	24 738,406	324 027,153	13,098	12,627
19	24	98 796	22 892,182	299 288,747	13,074	12,603
20	25	98 738	21 184,021	276 396,565	13,047	12,576
21	26	98 675	19 602,338	255 212,544	13,019	12,548
22	27	98 612	18 138,666	235 610,206	12,989	12,518
23	28	98 546	16 783,819	217 471,540	12,957	12,486
24	29	98 476	15 529,563	200 687,721	12,923	12,452
25	30	98 403	14 368,555	185 158,158	12,886	12,415
26	31	98 326	13 293,868	170 789,603	12,847	12,376
27	32	98 248	12 299,377	157 495,736	12,805	12,334
28	33	98 162	11 378,352	145 196,358	12,761	12,290
29	34	98 077	10 526,336	133 818,006	12,713	12,242
30	35	97 982	9 737,216	123 291,670	12,662	12,191
31	36	97 886	9 007,120	113 554,454	12,607	12,136
32	37	97 773	8 330,278	104 547,334	12,550	12,079
33	38	97 660	7 704,270	96 217,056	12,489	12,018
34	39	97 533	7 124,343	88 512,786	12,424	11,953
35	40	97 397	6 587,375	81 388,444	12,355	11,884
36	41	97 244	6 089,871	74 801,069	12,283	11,812
37	42	97 084	5 629,468	68 711,198	12,206	11,735
38	43	96 912	5 203,265	63 081,730	12,123	11,652
39	44	96 723	4 808,451	57 878,464	12,037	11,566
40	45	96 519	4 442,874	53 070,014	11,945	11,474
41	46	96 291	4 104,033	48 627,140	11,849	11,378
42	47	96 041	3 790,179	44 523,107	11,747	11,276
43	48	95 761	3 499,173	40 732,928	11,641	11,170
44	49	95 451	3 229,495	37 233,755	11,529	11,058
45	50	95 107	2 979,496	34 004,260	11,413	10,942
46	51	94 725	2 747,728	31 024,764	11,291	10,820
47	52	94 310	2 533,027	28 277,036	11,163	10,692
48	53	93 844	2 333,821	25 744,010	11,031	10,560
49	54	93 327	2 149,038	23 410,189	10,893	10,422
50	55	92 753	1 977,618	21 261,152	10,751	10,280
51	56	92 121	1 818,640	19 283,534	10,603	10,132
52	57	91 433	1 671,354	17 464,893	10,450	9,979
53	58	90 665	1 534,551	15 793,539	10,292	9,821
54	59	89 815	1 407,560	14 258,988	10,130	9,659
55	60	88 883	1 289,772	12 851,428	9,964	9,493
56	61	87 860	1 180,492	11 561,657	9,794	9,323
57	62	86 772	1 079,508	10 381,165	9,617	9,146
58	63	85 594	985,980	9 301,657	9,434	8,963
59	64	84 313	899,278	8 315,677	9,247	8,776
60	65	82 925	818,950	7 416,400	9,056	8,585
61	66	81 434	744,659	6 597,449	8,860	8,389
62	67	79 836	675,966	5 852,790	8,658	8,187
63	68	78 103	612,310	5 176,825	8,455	7,984
64	69	76 295	553,829	4 564,515	8,242	7,771
65	70	74 366	499,836	4 010,685	8,024	7,553
66	71	72 331	450,147	3 510,849	7,799	7,328
67	72	70 196	404,500	3 060,702	7,567	7,096
68	73	67 942	362,513	2 656,202	7,327	6,856
69	74	65 639	324,282	2 293,689	7,073	6,602
70	75	63 185	289,035	1 969,407	6,814	6,343
71	76	60 591	256,640	1 680,372	6,548	6,077
72	77	57 823	226,774	1 423,732	6,278	5,807
73	78	54 934	199,485	1 196,958	6,000	5,529
74	79	51 880	174,438	997,473	5,718	5,247
75	80	48 621	151,370	823,035	5,437	4,966
76	81	45 162	130,187	671,665	5,159	4,688
77	82	41 547	110,895	541,478	4,883	4,412
78	83	37 828	93,488	430,583	4,606	4,135
79	84	33 983	77,765	337,095	4,335	3,864
80	85	30 042	63,653	259,330	4,074	3,603
81	86	26 098	51,201	195,676	3,822	3,351
82	87	22 195	40,319	144,476	3,583	3,112
83	88	18 458	31,046	104,156	3,355	2,884
84	89	14 953	23,288	73,110	3,139	2,668
85	90	11 756	16,953	49,823	2,939	2,468
86	91	8 940	11,937	32,869	2,753	2,282
87	92	6 551	8,099	20,932	2,585	2,113
88	93	4 614	5,282	12,833	2,429	1,958
89	94	3 111	3,297	7,551	2,290	1,819
90	95	1 993	1,956	4,253	2,175	1,704
91	96	1 228	1,116	2,298	2,060	1,589
92	97	715	0,602	1,182	1,964	1,493
93	98	401	0,313	0,580	1,856	1,385
94	99	211	0,152	0,268	1,759	1,288
95	100	103	0,069	0,116	1,686	1,215

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	6	99 630	99 630,304	1 327 566,976	13,325	12,854
1	7	99 270	91 917,056	1 227 936,672	13,359	12,888
2	8	99 238	85 081,007	1 136 019,616	13,352	12,881
3	9	99 217	78 761,547	1 050 938,608	13,343	12,872
4	10	99 198	72 913,251	972 177,061	13,333	12,862
5	11	99 180	67 500,439	899 263,810	13,322	12,851
6	12	99 164	62 489,862	831 763,371	13,310	12,839
7	13	99 145	57 850,406	769 273,509	13,298	12,827
8	14	99 129	53 556,089	711 423,103	13,284	12,813
9	15	99 110	49 579,729	657 867,014	13,269	12,798
10	16	99 090	45 897,722	608 287,285	13,253	12,782
11	17	99 068	42 488,626	562 389,563	13,236	12,765
12	18	99 045	39 332,048	519 900,937	13,218	12,747
13	19	99 017	36 408,293	480 568,889	13,199	12,728
14	20	98 988	33 701,652	444 160,596	13,179	12,708
15	21	98 958	31 195,687	410 458,944	13,158	12,687
16	22	98 927	28 875,773	379 263,257	13,134	12,663
17	23	98 884	26 725,314	350 387,484	13,111	12,640
18	24	98 834	24 733,038	323 662,170	13,086	12,615
19	25	98 779	22 888,300	298 929,132	13,060	12,589
20	26	98 719	21 180,071	276 040,832	13,033	12,562
21	27	98 656	19 598,524	254 860,760	13,004	12,533
22	28	98 590	18 134,704	235 262,237	12,973	12,502
23	29	98 521	16 779,633	217 127,533	12,940	12,469
24	30	98 450	15 525,544	200 347,900	12,904	12,433
25	31	98 373	14 364,288	184 822,355	12,867	12,396
26	32	98 295	13 289,624	170 458,067	12,826	12,355
27	33	98 214	12 295,109	157 168,443	12,783	12,312
28	34	98 127	11 374,301	144 873,334	12,737	12,266
29	35	98 038	10 522,219	133 499,033	12,687	12,216
30	36	97 943	9 733,297	122 976,814	12,635	12,164
31	37	97 841	9 002,897	113 243,517	12,579	12,108
32	38	97 728	8 326,444	104 240,620	12,519	12,048
33	39	97 603	7 699,758	95 914,176	12,457	11,986
34	40	97 475	7 120,099	88 214,418	12,389	11,918
35	41	97 331	6 582,904	81 094,319	12,319	11,848
36	42	97 170	6 085,225	74 511,415	12,245	11,774
37	43	97 003	5 624,797	68 426,190	12,165	11,694
38	44	96 825	5 198,583	62 801,393	12,080	11,609
39	45	96 625	4 803,546	57 602,811	11,992	11,521
40	46	96 412	4 437,933	52 799,265	11,897	11,426
41	47	96 169	4 098,822	48 361,331	11,799	11,328
42	48	95 903	3 784,746	44 262,509	11,695	11,224
43	49	95 607	3 493,575	40 477,763	11,586	11,115
44	50	95 278	3 223,644	36 984,188	11,473	11,002
45	51	94 919	2 973,625	33 760,543	11,353	10,882
46	52	94 516	2 741,659	30 786,919	11,229	10,758
47	53	94 078	2 526,807	28 045,260	11,099	10,628
48	54	93 588	2 327,442	25 518,453	10,964	10,493
49	55	93 046	2 142,570	23 191,011	10,824	10,353
50	56	92 446	1 971,065	21 048,441	10,679	10,208
51	57	91 788	1 812,059	19 077,376	10,528	10,057
52	58	91 068	1 664,682	17 265,317	10,372	9,900
53	59	90 265	1 527,783	15 600,635	10,211	9,740
54	60	89 381	1 400,761	14 072,853	10,047	9,576
55	61	88 404	1 282,818	12 672,091	9,878	9,407
56	62	87 369	1 173,887	11 389,273	9,702	9,231
57	63	86 245	1 072,948	10 215,386	9,521	9,050
58	64	85 031	979,487	9 142,438	9,334	8,863
59	65	83 699	892,724	8 162,950	9,144	8,673
60	66	82 260	812,389	7 270,226	8,949	8,478
61	67	80 723	738,154	6 457,837	8,749	8,278
62	68	79 062	669,413	5 719,683	8,544	8,073
63	69	77 305	606,055	5 050,270	8,333	7,862
64	70	75 443	547,642	4 444,215	8,115	7,644
65	71	73 460	493,746	3 896,573	7,892	7,421
66	72	71 362	444,120	3 402,827	7,662	7,191
67	73	69 184	398,672	2 958,707	7,421	6,950
68	74	66 890	356,900	2 560,036	7,173	6,702
69	75	64 516	318,734	2 203,135	6,912	6,441
70	76	61 980	283,523	1 884,401	6,646	6,175
71	77	59 269	251,039	1 600,878	6,377	5,906
72	78	56 409	221,229	1 349,839	6,102	5,631
73	79	53 391	193,879	1 128,610	5,821	5,350
74	80	50 172	168,695	934,731	5,541	5,070
75	81	46 753	145,556	766,036	5,263	4,792
76	82	43 172	124,451	620,480	4,986	4,515
77	83	39 455	105,312	496,029	4,710	4,239
78	84	35 631	88,058	390,717	4,437	3,966
79	85	31 699	72,538	302,659	4,172	3,701
80	86	27 722	58,738	230,121	3,918	3,447
81	87	23 777	46,649	171,383	3,674	3,203
82	88	19 949	36,239	124,734	3,442	2,971
83	89	16 338	27,481	88,495	3,220	2,749
84	90	12 995	20,239	61,014	3,015	2,544
85	91	10 017	14,445	40,775	2,823	2,352
86	92	7 444	9,940	26,329	2,649	2,178
87	93	5 322	6,580	16,390	2,491	2,020
88	94	3 649	4,177	9,810	2,348	1,877
89	95	2 379	2,522	5,632	2,234	1,762
90	96	1 496	1,469	3,111	2,118	1,647
91	97	897	0,815	1,642	2,015	1,544
92	98	517	0,435	0,827	1,901	1,430
93	99	279	0,217	0,392	1,803	1,332
94	100	141	0,102	0,175	1,714	1,243

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	7	99 624	99 623,746	1 327 069,798	13,321	12,850
1	8	99 266	91 912,525	1 227 446,052	13,355	12,883
2	9	99 232	85 075,740	1 135 533,527	13,347	12,876
3	10	99 210	78 756,451	1 050 457,787	13,338	12,867
4	11	99 192	72 908,931	971 701,336	13,328	12,857
5	12	99 173	67 495,412	898 792,405	13,316	12,845
6	13	99 156	62 484,918	831 296,994	13,304	12,833
7	14	99 137	57 845,447	768 812,076	13,291	12,820
8	15	99 118	53 550,469	710 966,629	13,277	12,806
9	16	99 098	49 573,526	657 416,159	13,261	12,790
10	17	99 076	45 891,246	607 842,633	13,245	12,774
11	18	99 054	42 482,405	561 951,387	13,228	12,757
12	19	99 025	39 324,038	519 468,982	13,210	12,739
13	20	98 998	36 401,265	480 144,944	13,190	12,719
14	21	98 970	33 695,412	443 743,679	13,169	12,698
15	22	98 942	31 190,522	410 048,267	13,147	12,676
16	23	98 910	28 870,776	378 857,745	13,123	12,651
17	24	98 863	26 719,515	349 986,969	13,099	12,628
18	25	98 817	24 728,844	323 267,454	13,072	12,601
19	26	98 761	22 884,032	298 538,610	13,046	12,575
20	27	98 700	21 175,950	275 654,577	13,017	12,546
21	28	98 634	19 594,243	254 478,627	12,987	12,516
22	29	98 565	18 130,181	234 884,384	12,955	12,484
23	30	98 496	16 775,291	216 754,203	12,921	12,450
24	31	98 421	15 520,934	199 978,912	12,884	12,413
25	32	98 342	14 359,703	184 457,978	12,846	12,374
26	33	98 261	13 285,012	170 098,275	12,804	12,333
27	34	98 179	12 290,731	156 813,262	12,759	12,288
28	35	98 089	11 369,853	144 522,531	12,711	12,240
29	36	97 999	10 517,984	133 152,679	12,660	12,188
30	37	97 897	9 728,734	122 634,695	12,605	12,134
31	38	97 795	8 998,754	112 905,961	12,547	12,076
32	39	97 671	8 321,568	103 907,208	12,486	12,015
33	40	97 544	7 695,171	95 585,640	12,422	11,950
34	41	97 409	7 115,266	87 890,469	12,352	11,881
35	42	97 256	6 577,882	80 775,203	12,280	11,809
36	43	97 089	6 080,175	74 197,320	12,203	11,732
37	44	96 916	5 619,735	68 117,145	12,121	11,650
38	45	96 726	5 193,280	62 497,410	12,034	11,563
39	46	96 517	4 798,205	57 304,130	11,943	11,472
40	47	96 290	4 432,298	52 505,926	11,846	11,375
41	48	96 031	4 092,947	48 073,627	11,745	11,274
42	49	95 750	3 778,692	43 980,681	11,639	11,168
43	50	95 434	3 487,247	40 201,989	11,528	11,057
44	51	95 090	3 217,292	36 714,742	11,412	10,941
45	52	94 710	2 967,057	33 497,450	11,290	10,819
46	53	94 284	2 734,927	30 530,394	11,163	10,692
47	54	93 821	2 519,901	27 795,466	11,030	10,559
48	55	93 306	2 320,437	25 275,565	10,893	10,422
49	56	92 738	2 135,471	22 955,128	10,749	10,278
50	57	92 112	1 963,932	20 819,658	10,601	10,130
51	58	91 421	1 804,825	18 855,726	10,447	9,976
52	59	90 666	1 657,340	17 050,901	10,288	9,817
53	60	89 829	1 520,403	15 393,561	10,125	9,654
54	61	88 899	1 393,210	13 873,158	9,958	9,487
55	62	87 909	1 275,641	12 479,948	9,783	9,312
56	63	86 838	1 166,754	11 204,307	9,603	9,132
57	64	85 677	1 065,884	10 037,554	9,417	8,946
58	65	84 411	972,350	8 971,670	9,227	8,756
59	66	83 028	885,572	7 999,321	9,033	8,562
60	67	81 542	805,292	7 113,749	8,834	8,363
61	68	79 940	730,998	6 308,456	8,630	8,159
62	69	78 254	662,575	5 577,458	8,418	7,947
63	70	76 442	599,284	4 914,884	8,201	7,730
64	71	74 523	540,969	4 315,599	7,978	7,506
65	72	72 476	487,135	3 774,630	7,749	7,278
66	73	70 334	437,720	3 287,495	7,510	7,039
67	74	68 113	392,499	2 849,775	7,261	6,790
68	75	65 746	350,794	2 457,276	7,005	6,534
69	76	63 286	312,657	2 106,481	6,737	6,266
70	77	60 627	277,335	1 793,824	6,468	5,997
71	78	57 820	244,900	1 516,489	6,192	5,721
72	79	54 824	215,012	1 271,589	5,914	5,443
73	80	51 633	187,496	1 056,577	5,635	5,164
74	81	48 245	162,216	869,081	5,358	4,887
75	82	44 693	139,142	706,865	5,080	4,609
76	83	40 999	118,186	567,722	4,804	4,333
77	84	37 164	99,195	449,537	4,532	4,061
78	85	33 236	82,139	350,341	4,265	3,794
79	86	29 251	66,936	268,202	4,007	3,536
80	87	25 257	53,516	201,266	3,761	3,290
81	88	21 371	41,928	147,750	3,524	3,053
82	89	17 659	32,078	105,822	3,299	2,828
83	90	14 199	23,883	73,744	3,088	2,617
84	91	11 073	17,245	49,860	2,891	2,420
85	92	8 341	12,028	32,616	2,712	2,241
86	93	6 048	8,075	20,587	2,549	2,078
87	94	4 209	5,203	12,512	2,405	1,934
88	95	2 791	3,195	7,308	2,288	1,817
89	96	1 787	1,894	4,114	2,172	1,701
90	97	1 093	1,073	2,220	2,069	1,598
91	98	648	0,589	1,147	1,947	1,476
92	99	360	0,303	0,558	1,844	1,373
93	100	187	0,145	0,255	1,754	1,283

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	8	99 619	99 618,835	1 326 533,372	13,316	12,845
1	9	99 259	91 906,835	1 226 914,537	13,350	12,879
2	10	99 226	85 070,235	1 135 007,702	13,342	12,871
3	11	99 205	78 751,784	1 049 937,467	13,332	12,861
4	12	99 184	72 903,500	971 185,683	13,322	12,850
5	13	99 165	67 490,072	898 282,183	13,310	12,839
6	14	99 147	62 479,562	830 792,112	13,297	12,826
7	15	99 127	57 839,377	768 312,550	13,284	12,813
8	16	99 106	53 543,770	710 473,173	13,269	12,798
9	17	99 084	49 566,531	656 929,403	13,253	12,782
10	18	99 061	45 884,526	607 362,872	13,237	12,766
11	19	99 033	42 473,754	561 478,345	13,219	12,748
12	20	99 006	39 316,447	519 004,591	13,201	12,730
13	21	98 979	36 394,525	479 688,144	13,180	12,709
14	22	98 954	33 689,833	443 293,619	13,158	12,687
15	23	98 924	31 185,125	409 603,786	13,135	12,664
16	24	98 888	28 864,511	378 418,661	13,110	12,639
17	25	98 846	26 714,985	349 554,150	13,085	12,614
18	26	98 799	24 724,233	322 839,165	13,058	12,587
19	27	98 741	22 879,580	298 114,932	13,030	12,559
20	28	98 679	21 171,325	275 235,352	13,000	12,529
21	29	98 610	19 589,356	254 064,027	12,969	12,498
22	30	98 540	18 125,489	234 474,671	12,936	12,465
23	31	98 466	16 770,310	216 349,182	12,901	12,430
24	32	98 390	15 515,980	199 578,872	12,863	12,392
25	33	98 308	14 354,720	184 062,892	12,822	12,351
26	34	98 226	13 280,282	169 708,172	12,779	12,308
27	35	98 141	12 285,924	156 427,890	12,732	12,261
28	36	98 049	11 365,276	144 141,966	12,683	12,212
29	37	97 953	10 513,052	132 776,689	12,630	12,159
30	38	97 852	9 724,256	122 263,637	12,573	12,102
31	39	97 738	8 993,484	112 539,381	12,513	12,042
32	40	97 613	8 316,610	103 545,897	12,450	11,979
33	41	97 478	7 689,948	95 229,287	12,384	11,913
34	42	97 335	7 109,838	87 539,339	12,312	11,841
35	43	97 176	6 572,424	80 429,500	12,237	11,766
36	44	97 002	6 074,704	73 857,076	12,158	11,687
37	45	96 817	5 614,003	67 782,373	12,074	11,603
38	46	96 619	5 187,505	62 168,370	11,984	11,513
39	47	96 395	4 792,112	56 980,865	11,891	11,420
40	48	96 152	4 425,944	52 188,753	11,792	11,321
41	49	95 877	4 086,400	47 762,808	11,688	11,217
42	50	95 577	3 771,847	43 676,409	11,580	11,109
43	51	95 246	3 480,375	39 904,562	11,466	10,995
44	52	94 880	3 210,185	36 424,187	11,346	10,875
45	53	94 477	2 959,772	33 214,002	11,222	10,751
46	54	94 026	2 727,452	30 254,230	11,092	10,621
47	55	93 539	2 512,317	27 526,778	10,957	10,486
48	56	92 997	2 312,749	25 014,461	10,816	10,345
49	57	92 402	2 127,742	22 701,712	10,669	10,198
50	58	91 744	1 956,092	20 573,969	10,518	10,047
51	59	91 018	1 796,864	18 617,878	10,361	9,890
52	60	90 229	1 649,335	16 821,014	10,199	9,728
53	61	89 345	1 512,207	15 171,679	10,033	9,562
54	62	88 402	1 385,415	13 659,472	9,859	9,388
55	63	87 375	1 267,889	12 274,057	9,681	9,210
56	64	86 266	1 159,071	11 006,168	9,496	9,025
57	65	85 053	1 058,116	9 847,097	9,306	8,835
58	66	83 735	964,559	8 788,981	9,112	8,641
59	67	82 303	877,836	7 824,422	8,913	8,442
60	68	80 751	797,485	6 946,586	8,711	8,240
61	69	79 124	723,531	6 149,101	8,499	8,028
62	70	77 380	655,172	5 425,569	8,281	7,810
63	71	75 510	591,983	4 770,397	8,058	7,587
64	72	73 526	533,726	4 178,414	7,829	7,358
65	73	71 432	480,116	3 644,688	7,591	7,120
66	74	69 245	430,943	3 164,573	7,343	6,872
67	75	66 948	385,784	2 733,630	7,086	6,615
68	76	64 492	344,105	2 347,846	6,823	6,352
69	77	61 905	305,833	2 003,740	6,552	6,081
70	78	59 145	270,554	1 697,907	6,276	5,805
71	79	56 195	238,019	1 427,353	5,997	5,526
72	80	53 019	207,933	1 189,335	5,720	5,249
73	81	49 650	180,295	981,402	5,443	4,972
74	82	46 119	155,068	801,107	5,166	4,695
75	83	42 443	132,138	646,039	4,889	4,418
76	84	38 617	111,321	513,901	4,616	4,145
77	85	34 666	92,527	402,580	4,351	3,880
78	86	30 669	75,796	310,052	4,091	3,620
79	87	26 650	60,985	234,256	3,841	3,370
80	88	22 701	48,100	173,271	3,602	3,131
81	89	18 917	37,114	125,171	3,373	2,902
82	90	15 347	27,879	88,057	3,159	2,688
83	91	12 099	20,350	60,178	2,957	2,486
84	92	9 220	14,359	39,828	2,774	2,303
85	93	6 777	9,772	25,469	2,606	2,135
86	94	4 783	6,386	15,697	2,458	1,987
87	95	3 219	3,980	9,310	2,339	1,868
88	96	2 096	2,399	5,331	2,222	1,751
89	97	1 305	1,383	2,932	2,119	1,648
90	98	790	0,776	1,548	1,996	1,525
91	99	451	0,410	0,773	1,886	1,415
92	100	241	0,203	0,363	1,792	1,320

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	9	99 613	99 612,667	1 325 952,600	13,311	12,840
1	10	99 253	91 900,888	1 226 339,933	13,344	12,873
2	11	99 220	85 065,194	1 134 439,045	13,336	12,865
3	12	99 197	78 745,918	1 049 373,851	13,326	12,855
4	13	99 177	72 897,732	970 627,933	13,315	12,844
5	14	99 157	67 484,287	897 730,200	13,303	12,832
6	15	99 137	62 473,006	830 245,914	13,290	12,819
7	16	99 114	57 832,141	767 772,908	13,276	12,805
8	17	99 092	53 536,215	709 940,767	13,261	12,790
9	18	99 069	49 559,274	656 404,552	13,245	12,774
10	19	99 041	45 875,182	606 845,278	13,228	12,757
11	20	99 014	42 465,555	560 970,096	13,210	12,739
12	21	98 987	39 309,167	518 504,541	13,190	12,719
13	22	98 963	36 388,500	479 195,373	13,169	12,698
14	23	98 936	33 684,003	442 806,874	13,146	12,675
15	24	98 903	31 178,358	409 122,871	13,122	12,651
16	25	98 871	28 859,617	377 944,512	13,096	12,625
17	26	98 827	26 710,003	349 084,896	13,069	12,598
18	27	98 779	24 719,422	322 374,892	13,041	12,570
19	28	98 720	22 874,582	297 655,470	13,012	12,541
20	29	98 654	21 166,045	274 780,888	12,982	12,511
21	30	98 584	19 584,287	253 614,843	12,950	12,479
22	31	98 511	18 120,107	234 030,556	12,916	12,444
23	32	98 435	16 764,957	215 910,449	12,879	12,408
24	33	98 355	15 510,595	199 145,492	12,839	12,368
25	34	98 273	14 349,609	183 634,897	12,797	12,326
26	35	98 187	13 275,088	169 285,288	12,752	12,281
27	36	98 101	12 280,979	156 010,200	12,703	12,232
28	37	98 003	11 359,948	143 729,221	12,652	12,181
29	38	97 908	10 508,214	132 369,273	12,597	12,126
30	39	97 795	9 718,561	121 861,059	12,539	12,068
31	40	97 680	8 988,126	112 142,498	12,477	12,006
32	41	97 546	8 310,966	103 154,371	12,412	11,941
33	42	97 404	7 684,082	94 843,405	12,343	11,872
34	43	97 254	7 103,939	87 159,324	12,269	11,798
35	44	97 088	6 566,509	80 055,385	12,191	11,720
36	45	96 903	6 068,507	73 488,876	12,110	11,639
37	46	96 709	5 607,760	67 420,369	12,023	11,552
38	47	96 496	5 180,919	61 812,609	11,931	11,460
39	48	96 257	4 785,242	56 631,690	11,835	11,364
40	49	95 998	4 418,865	51 846,448	11,733	11,262
41	50	95 703	4 078,997	47 427,583	11,627	11,156
42	51	95 388	3 764,414	43 348,586	11,515	11,044
43	52	95 036	3 472,687	39 584,172	11,399	10,928
44	53	94 647	3 202,303	36 111,485	11,277	10,806
45	54	94 219	2 951,682	32 909,181	11,149	10,678
46	55	93 743	2 719,243	29 957,499	11,017	10,546
47	56	93 229	2 503,993	27 238,255	10,878	10,407
48	57	92 660	2 304,379	24 734,262	10,734	10,263
49	58	92 033	2 119,248	22 429,883	10,584	10,113
50	59	91 339	1 947,464	20 310,635	10,429	9,958
51	60	90 578	1 788,185	18 363,171	10,269	9,798
52	61	89 742	1 640,443	16 574,986	10,104	9,633
53	62	88 845	1 503,746	14 934,543	9,932	9,461
54	63	87 865	1 376,996	13 430,797	9,754	9,283
55	64	86 800	1 259,541	12 053,801	9,570	9,099
56	65	85 637	1 150,625	10 794,260	9,381	8,910
57	66	84 371	1 049,638	9 643,635	9,188	8,717
58	67	83 003	956,133	8 593,997	8,988	8,517
59	68	81 505	869,326	7 637,864	8,786	8,315
60	69	79 926	789,339	6 768,538	8,575	8,104
61	70	78 240	715,448	5 979,199	8,357	7,886
62	71	76 437	647,190	5 263,751	8,133	7,662
63	72	74 499	584,056	4 616,561	7,904	7,433
64	73	72 466	526,035	4 032,505	7,666	7,195
65	74	70 326	472,682	3 506,470	7,418	6,947
66	75	68 060	423,570	3 033,788	7,162	6,691
67	76	65 671	378,428	2 610,217	6,898	6,426
68	77	63 085	336,595	2 231,789	6,630	6,159
69	78	60 391	298,355	1 895,194	6,352	5,881
70	79	57 483	262,951	1 596,840	6,073	5,602
71	80	54 345	230,182	1 333,888	5,795	5,324
72	81	50 983	199,947	1 103,706	5,520	5,049
73	82	47 462	172,351	903,759	5,244	4,773
74	83	43 797	147,262	731,409	4,967	4,496
75	84	39 978	124,463	584,147	4,693	4,222
76	85	36 022	103,838	459,684	4,427	3,956
77	86	31 989	85,382	355,846	4,168	3,697
78	87	27 942	69,057	270,463	3,917	3,445
79	88	23 953	54,814	201,406	3,674	3,203
80	89	20 095	42,577	146,592	3,443	2,972
81	90	16 441	32,255	104,015	3,225	2,754
82	91	13 076	23,754	71,760	3,021	2,550
83	92	10 074	16,945	48,006	2,833	2,362
84	93	7 491	11,666	31,061	2,662	2,191
85	94	5 359	7,728	19,395	2,510	2,039
86	95	3 658	4,884	11,667	2,389	1,918
87	96	2 417	2,989	6,783	2,269	1,798
88	97	1 531	1,753	3,794	2,165	1,694
89	98	944	1,000	2,041	2,041	1,570
90	99	549	0,539	1,041	1,931	1,460
91	100	302	0,274	0,502	1,830	1,359

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	10	99 606	99 606,222	1 325 325,132	13,306	12,835
1	11	99 247	91 895,442	1 225 718,911	13,338	12,867
2	12	99 213	85 058,858	1 133 823,468	13,330	12,859
3	13	99 189	78 739,688	1 048 764,610	13,319	12,848
4	14	99 168	72 891,484	970 024,922	13,308	12,837
5	15	99 146	67 477,205	897 133,438	13,295	12,824
6	16	99 124	62 465,190	829 656,233	13,282	12,811
7	17	99 100	57 823,981	767 191,043	13,268	12,797
8	18	99 077	53 528,376	709 367,062	13,252	12,781
9	19	99 049	49 549,181	655 838,686	13,236	12,765
10	20	99 022	45 866,327	606 289,505	13,219	12,748
11	21	98 996	42 457,692	560 423,177	13,200	12,729
12	22	98 971	39 302,659	517 965,485	13,179	12,708
13	23	98 946	36 382,203	478 662,826	13,157	12,685
14	24	98 915	33 676,694	442 280,623	13,133	12,662
15	25	98 886	31 173,071	408 603,929	13,108	12,637
16	26	98 853	28 854,235	377 430,857	13,081	12,610
17	27	98 808	26 704,806	348 576,622	13,053	12,582
18	28	98 758	24 714,023	321 871,816	13,024	12,553
19	29	98 695	22 868,878	297 157,793	12,994	12,523
20	30	98 628	21 160,567	274 288,915	12,962	12,491
21	31	98 555	19 578,471	253 128,348	12,929	12,458
22	32	98 479	18 114,323	233 549,876	12,893	12,422
23	33	98 401	16 759,139	215 435,553	12,855	12,384
24	34	98 320	15 505,073	198 676,414	12,814	12,343
25	35	98 235	14 343,996	183 171,341	12,770	12,299
26	36	98 148	13 269,745	168 827,345	12,723	12,252
27	37	98 055	12 275,221	155 557,600	12,672	12,201
28	38	97 958	11 354,720	143 282,379	12,619	12,148
29	39	97 851	10 502,060	131 927,659	12,562	12,091
30	40	97 736	9 712,772	121 425,599	12,502	12,031
31	41	97 614	8 982,026	111 712,827	12,437	11,966
32	42	97 472	8 304,626	102 730,801	12,370	11,899
33	43	97 323	7 677,705	94 426,175	12,299	11,828
34	44	97 166	7 097,546	86 748,470	12,222	11,751
35	45	96 989	6 559,811	79 650,925	12,142	11,671
36	46	96 795	6 061,759	73 091,113	12,058	11,587
37	47	96 587	5 600,640	67 029,354	11,968	11,497
38	48	96 358	5 173,491	61 428,714	11,874	11,403
39	49	96 103	4 777,588	56 255,223	11,775	11,304
40	50	95 824	4 410,860	51 477,635	11,671	11,200
41	51	95 515	4 070,959	47 066,775	11,562	11,091
42	52	95 178	3 756,099	42 995,816	11,447	10,976
43	53	94 802	3 464,161	39 239,717	11,327	10,856
44	54	94 389	3 193,551	35 775,556	11,202	10,731
45	55	93 935	2 942,799	32 582,005	11,072	10,601
46	56	93 433	2 710,234	29 639,206	10,936	10,465
47	57	92 891	2 494,931	26 928,972	10,793	10,322
48	58	92 290	2 295,179	24 434,041	10,646	10,175
49	59	91 628	2 109,901	22 138,862	10,493	10,022
50	60	90 898	1 938,058	20 028,961	10,335	9,864
51	61	90 090	1 778,545	18 090,903	10,172	9,701
52	62	89 240	1 631,264	16 312,358	10,000	9,529
53	63	88 305	1 494,608	14 681,093	9,823	9,352
54	64	87 286	1 367,929	13 186,485	9,640	9,169
55	65	86 167	1 250,362	11 818,556	9,452	8,981
56	66	84 951	1 141,406	10 568,193	9,259	8,788
57	67	83 634	1 040,469	9 426,788	9,060	8,589
58	68	82 199	946,864	8 386,319	8,857	8,386
59	69	80 672	860,446	7 439,455	8,646	8,175
60	70	79 033	780,521	6 579,009	8,429	7,958
61	71	77 286	706,731	5 798,488	8,205	7,734
62	72	75 414	638,524	5 091,757	7,974	7,503
63	73	73 426	575,640	4 453,233	7,736	7,265
64	74	71 344	517,891	3 877,593	7,487	7,016
65	75	69 122	464,595	3 359,702	7,231	6,760
66	76	66 762	415,494	2 895,107	6,968	6,497
67	77	64 238	370,168	2 479,613	6,699	6,228
68	78	61 542	328,365	2 109,445	6,424	5,953
69	79	58 694	289,971	1 781,080	6,142	5,671
70	80	55 590	254,294	1 491,109	5,864	5,393
71	81	52 258	221,341	1 236,815	5,588	5,117
72	82	48 737	191,137	1 015,474	5,313	4,842
73	83	45 073	163,674	824,337	5,036	4,565
74	84	41 254	138,709	660,663	4,763	4,292
75	85	37 291	116,096	521,954	4,496	4,025
76	86	33 240	95,820	405,858	4,236	3,765
77	87	29 145	77,791	310,038	3,986	3,514
78	88	25 115	62,069	232,247	3,742	3,271
79	89	21 203	48,520	170,178	3,507	3,036
80	90	17 464	37,003	121,658	3,288	2,817
81	91	14 009	27,483	84,654	3,080	2,609
82	92	10 888	19,779	57,171	2,890	2,419
83	93	8 185	13,767	37,392	2,716	2,245
84	94	5 924	9,225	23,625	2,561	2,090
85	95	4 099	5,910	14,400	2,436	1,965
86	96	2 747	3,668	8,489	2,314	1,843
87	97	1 766	2,183	4,821	2,208	1,737
88	98	1 107	1,267	2,638	2,082	1,611
89	99	656	0,695	1,371	1,971	1,500
90	100	368	0,361	0,676	1,871	1,400

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	11	99 600	99 600,319	1 324 647,392	13,300	12,829
1	12	99 240	91 888,598	1 225 047,073	13,332	12,861
2	13	99 205	85 052,129	1 133 158,475	13,323	12,852
3	14	99 181	78 732,939	1 048 106,346	13,312	12,841
4	15	99 158	72 883,835	969 373,407	13,300	12,829
5	16	99 134	67 468,763	896 489,573	13,287	12,816
6	17	99 110	62 456,376	829 020,810	13,274	12,803
7	18	99 086	57 815,514	766 564,433	13,259	12,788
8	19	99 057	53 517,476	708 748,919	13,243	12,772
9	20	99 030	49 539,617	655 231,443	13,226	12,755
10	21	99 004	45 857,834	605 691,826	13,208	12,737
11	22	98 980	42 450,663	559 833,992	13,188	12,717
12	23	98 954	39 295,858	517 383,329	13,166	12,695
13	24	98 924	36 374,308	478 087,471	13,144	12,673
14	25	98 898	33 670,984	441 713,162	13,119	12,647
15	26	98 868	31 167,259	408 042,179	13,092	12,621
16	27	98 834	28 848,621	376 874,920	13,064	12,593
17	28	98 787	26 698,973	348 026,299	13,035	12,564
18	29	98 733	24 707,859	321 327,325	13,005	12,534
19	30	98 670	22 862,960	296 619,466	12,974	12,503
20	31	98 599	21 154,284	273 756,506	12,941	12,470
21	32	98 523	19 572,222	252 602,222	12,906	12,435
22	33	98 445	18 108,037	233 030,000	12,869	12,398
23	34	98 366	16 753,172	214 921,963	12,829	12,358
24	35	98 282	15 499,008	198 168,791	12,786	12,315
25	36	98 195	14 338,223	182 669,783	12,740	12,269
26	37	98 102	13 263,524	168 331,560	12,691	12,220
27	38	98 010	12 269,572	155 068,036	12,638	12,167
28	39	97 901	11 348,070	142 798,464	12,584	12,112
29	40	97 792	10 495,804	131 450,395	12,524	12,053
30	41	97 670	9 706,180	120 954,591	12,462	11,991
31	42	97 539	8 975,174	111 248,411	12,395	11,924
32	43	97 391	8 297,735	102 273,237	12,325	11,854
33	44	97 235	7 670,796	93 975,503	12,251	11,780
34	45	97 067	7 090,306	86 304,707	12,172	11,701
35	46	96 881	6 552,517	79 214,401	12,089	11,618
36	47	96 672	6 054,062	72 661,884	12,002	11,531
37	48	96 448	5 592,611	66 607,821	11,910	11,439
38	49	96 204	5 165,216	61 015,211	11,813	11,342
39	50	95 929	4 768,934	55 849,995	11,711	11,240
40	51	95 635	4 402,168	51 081,061	11,604	11,133
41	52	95 304	4 061,967	46 678,893	11,492	11,021
42	53	94 944	3 746,877	42 616,926	11,374	10,903
43	54	94 543	3 454,693	38 870,049	11,251	10,780
44	55	94 104	3 183,940	35 415,356	11,123	10,652
45	56	93 624	2 933,048	32 231,417	10,989	10,518
46	57	93 095	2 700,426	29 298,368	10,850	10,378
47	58	92 520	2 484,971	26 597,943	10,704	10,232
48	59	91 883	2 285,056	24 112,972	10,552	10,081
49	60	91 185	2 099,710	21 827,916	10,396	9,925
50	61	90 408	1 927,610	19 728,206	10,235	9,763
51	62	89 586	1 768,594	17 800,596	10,065	9,594
52	63	88 698	1 621,352	16 032,002	9,888	9,417
53	64	87 724	1 484,767	14 410,650	9,706	9,235
54	65	86 650	1 357,961	12 925,883	9,519	9,048
55	66	85 477	1 240,344	11 567,922	9,326	8,855
56	67	84 209	1 131,435	10 327,578	9,128	8,657
57	68	82 823	1 030,383	9 196,143	8,925	8,454
58	69	81 359	937,192	8 165,761	8,713	8,242
59	70	79 771	850,833	7 228,569	8,496	8,025
60	71	78 070	771,011	6 377,736	8,272	7,801
61	72	76 252	697,268	5 606,725	8,041	7,570
62	73	74 327	629,323	4 909,457	7,801	7,330
63	74	72 289	566,728	4 280,134	7,552	7,081
64	75	70 124	509,030	3 713,406	7,295	6,824
65	76	67 804	455,737	3 204,376	7,031	6,560
66	77	65 305	406,425	2 748,639	6,763	6,292
67	78	62 667	361,117	2 342,214	6,486	6,015
68	79	59 813	319,137	1 981,097	6,208	5,737
69	80	56 762	280,424	1 661,959	5,927	5,456
70	81	53 455	244,527	1 381,535	5,650	5,179
71	82	49 955	211,588	1 137,008	5,374	4,903
72	83	46 283	181,515	925,420	5,098	4,627
73	84	42 455	154,168	743,905	4,825	4,354
74	85	38 480	129,385	589,737	4,558	4,087
75	86	34 411	107,131	460,353	4,297	3,826
76	87	30 285	87,301	353,222	4,046	3,575
77	88	26 196	69,919	265,921	3,803	3,332
78	89	22 231	54,942	196,001	3,567	3,096
79	90	18 427	42,168	141,059	3,345	2,874
80	91	14 880	31,529	98,891	3,137	2,665
81	92	11 664	22,884	67,362	2,944	2,473
82	93	8 846	16,070	44,478	2,768	2,297
83	94	6 472	10,887	28,408	2,609	2,138
84	95	4 531	7,056	17,522	2,483	2,012
85	96	3 078	4,439	10,466	2,358	1,887
86	97	2 007	2,679	6,027	2,249	1,778
87	98	1 277	1,578	3,348	2,121	1,650
88	99	770	0,881	1,769	2,008	1,537
89	100	439	0,466	0,888	1,908	1,437

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	12	99 593	99 592,901	1 323 914,639	13,293	12,822
1	13	99 232	91 881,328	1 224 321,738	13,325	12,854
2	14	99 196	85 044,838	1 132 440,410	13,316	12,845
3	15	99 170	78 724,677	1 047 395,572	13,305	12,833
4	16	99 145	72 874,717	968 670,895	13,292	12,821
5	17	99 120	67 459,243	895 796,179	13,279	12,808
6	18	99 096	62 447,232	828 336,935	13,265	12,794
7	19	99 065	57 803,741	765 889,704	13,250	12,779
8	20	99 038	53 507,145	708 085,963	13,233	12,762
9	21	99 012	49 530,444	654 578,818	13,216	12,745
10	22	98 987	45 850,242	605 048,374	13,196	12,725
11	23	98 962	42 443,317	559 198,131	13,175	12,704
12	24	98 932	39 287,332	516 754,814	13,153	12,682
13	25	98 908	36 368,140	477 467,483	13,129	12,658
14	26	98 880	33 664,705	441 099,342	13,103	12,632
15	27	98 849	31 161,194	407 434,637	13,075	12,604
16	28	98 812	28 842,320	376 273,442	13,046	12,575
17	29	98 762	26 692,315	347 431,123	13,016	12,545
18	30	98 708	24 701,466	320 738,808	12,985	12,514
19	31	98 640	22 856,171	296 037,342	12,952	12,481
20	32	98 568	21 147,532	273 181,172	12,918	12,447
21	33	98 489	19 565,430	252 033,640	12,882	12,411
22	34	98 410	18 101,590	232 468,210	12,842	12,371
23	35	98 327	16 746,619	214 366,621	12,801	12,330
24	36	98 242	15 492,770	197 620,001	12,756	12,285
25	37	98 149	14 331,501	182 127,231	12,708	12,237
26	38	98 057	13 257,419	167 795,730	12,657	12,186
27	39	97 953	12 262,386	154 538,311	12,603	12,132
28	40	97 843	11 341,310	142 275,925	12,545	12,074
29	41	97 726	10 488,680	130 934,615	12,483	12,012
30	42	97 595	9 698,775	120 445,935	12,419	11,948
31	43	97 458	8 967,726	110 747,160	12,350	11,878
32	44	97 304	8 290,267	101 779,433	12,277	11,806
33	45	97 136	7 662,971	93 489,166	12,200	11,729
34	46	96 959	7 082,422	85 826,195	12,118	11,647
35	47	96 758	6 544,197	78 743,773	12,033	11,562
36	48	96 534	6 045,384	72 199,576	11,943	11,472
37	49	96 294	5 583,665	66 154,192	11,848	11,377
38	50	96 029	5 155,860	60 570,527	11,748	11,277
39	51	95 739	4 759,536	55 414,668	11,643	11,172
40	52	95 424	4 392,444	50 655,132	11,532	11,061
41	53	95 070	4 051,994	46 262,687	11,417	10,946
42	54	94 684	3 736,636	42 210,694	11,296	10,825
43	55	94 259	3 444,295	38 474,058	11,170	10,699
44	56	93 793	3 173,390	35 029,762	11,039	10,568
45	57	93 285	2 922,434	31 856,372	10,901	10,430
46	58	92 723	2 689,645	28 933,938	10,758	10,286
47	59	92 112	2 474,011	26 244,294	10,608	10,137
48	60	91 440	2 274,020	23 770,283	10,453	9,982
49	61	90 693	2 088,390	21 496,264	10,293	9,822
50	62	89 902	1 916,825	19 407,873	10,125	9,654
51	63	89 042	1 757,847	17 491,049	9,950	9,479
52	64	88 114	1 610,676	15 733,201	9,768	9,297
53	65	87 085	1 473,947	14 122,525	9,581	9,110
54	66	85 956	1 347,080	12 648,578	9,390	8,919
55	67	84 730	1 229,509	11 301,498	9,192	8,721
56	68	83 393	1 120,466	10 071,988	8,989	8,518
57	69	81 977	1 019,857	8 951,522	8,777	8,306
58	70	80 450	926,721	7 931,665	8,559	8,088
59	71	78 799	840,467	7 004,943	8,335	7,864
60	72	77 025	760,687	6 164,476	8,104	7,633
61	73	75 153	687,220	5 403,789	7,863	7,392
62	74	73 176	619,580	4 716,569	7,613	7,141
63	75	71 052	557,032	4 096,990	7,355	6,884
64	76	68 786	499,324	3 539,957	7,089	6,618
65	77	66 325	445,790	3 040,633	6,821	6,350
66	78	63 708	396,487	2 594,843	6,545	6,074
67	79	60 906	350,970	2 198,356	6,264	5,793
68	80	57 843	308,630	1 847,386	5,986	5,515
69	81	54 581	269,654	1 538,756	5,706	5,235
70	82	51 100	233,753	1 269,102	5,429	4,958
71	83	47 440	200,937	1 035,350	5,153	4,682
72	84	43 595	170,972	834,413	4,880	4,409
73	85	39 601	143,804	663,441	4,613	4,142
74	86	35 509	119,393	519,637	4,352	3,881
75	87	31 352	97,606	400,244	4,101	3,630
76	88	27 220	78,467	302,637	3,857	3,386
77	89	23 188	61,891	224,170	3,622	3,151
78	90	19 321	47,749	162,279	3,399	2,928
79	91	15 701	35,930	114,530	3,188	2,717
80	92	12 390	26,253	78,600	2,994	2,523
81	93	9 477	18,592	52,347	2,816	2,345
82	94	6 996	12,708	33,755	2,656	2,185
83	95	4 950	8,326	21,047	2,528	2,057
84	96	3 402	5,299	12,721	2,401	1,930
85	97	2 248	3,242	7,422	2,289	1,818
86	98	1 451	1,937	4,180	2,158	1,687
87	99	888	1,097	2,243	2,044	1,572
88	100	515	0,590	1,145	1,942	1,471

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	13	99 585	99 585,022	1 323 123,994	13,286	12,815
1	14	99 223	91 873,452	1 223 538,972	13,318	12,847
2	15	99 186	85 035,914	1 131 665,520	13,308	12,837
3	16	99 158	78 714,828	1 046 629,606	13,296	12,825
4	17	99 131	72 864,434	967 914,778	13,284	12,813
5	18	99 105	67 449,366	895 050,344	13,270	12,799
6	19	99 076	62 434,515	827 600,978	13,256	12,784
7	20	99 046	57 792,583	765 166,463	13,240	12,769
8	21	99 020	53 497,238	707 373,880	13,223	12,752
9	22	98 995	49 522,244	653 876,643	13,204	12,733
10	23	98 970	45 842,308	604 354,399	13,183	12,712
11	24	98 941	42 434,107	558 512,091	13,162	12,691
12	25	98 915	39 280,670	516 077,983	13,138	12,667
13	26	98 889	36 361,359	476 797,314	13,113	12,642
14	27	98 861	33 658,155	440 435,955	13,086	12,615
15	28	98 827	31 154,388	406 777,799	13,057	12,586
16	29	98 787	28 835,127	375 623,411	13,027	12,556
17	30	98 736	26 685,407	346 788,285	12,995	12,524
18	31	98 678	24 694,131	320 102,877	12,963	12,492
19	32	98 609	22 848,875	295 408,747	12,929	12,458
20	33	98 534	21 140,193	272 559,871	12,893	12,422
21	34	98 454	19 558,463	251 419,679	12,855	12,384
22	35	98 372	18 094,510	231 861,215	12,814	12,343
23	36	98 288	16 739,879	213 766,706	12,770	12,299
24	37	98 196	15 485,507	197 026,826	12,723	12,252
25	38	98 104	14 324,905	181 541,320	12,673	12,202
26	39	97 999	13 249,655	167 216,415	12,620	12,149
27	40	97 894	12 255,081	153 966,760	12,564	12,092
28	41	97 776	11 333,612	141 711,678	12,504	12,033
29	42	97 651	10 480,679	130 378,066	12,440	11,969
30	43	97 514	9 690,727	119 897,387	12,372	11,901
31	44	97 371	8 959,656	110 206,660	12,300	11,829
32	45	97 204	8 281,811	101 247,004	12,225	11,754
33	46	97 028	7 654,451	92 965,193	12,145	11,674
34	47	96 836	7 073,429	85 310,743	12,061	11,590
35	48	96 619	6 534,816	78 237,314	11,972	11,501
36	49	96 379	6 035,714	71 702,498	11,880	11,409
37	50	96 119	5 573,551	65 666,785	11,782	11,311
38	51	95 840	5 145,699	60 093,234	11,678	11,207
39	52	95 528	4 749,023	54 947,535	11,570	11,099
40	53	95 189	4 381,660	50 198,512	11,457	10,985
41	54	94 810	4 040,919	45 816,852	11,338	10,867
42	55	94 399	3 725,390	41 775,933	11,214	10,743
43	56	93 946	3 432,883	38 050,543	11,084	10,613
44	57	93 453	3 161,906	34 617,660	10,948	10,477
45	58	92 913	2 910,767	31 455,754	10,807	10,336
46	59	92 314	2 677,782	28 544,988	10,660	10,189
47	60	91 667	2 462,061	25 867,206	10,506	10,035
48	61	90 947	2 261,760	23 405,145	10,348	9,877
49	62	90 186	2 076,706	21 143,384	10,181	9,710
50	63	89 356	1 905,177	19 066,679	10,008	9,537
51	64	88 455	1 746,273	17 161,502	9,828	9,356
52	65	87 472	1 598,939	15 415,229	9,641	9,170
53	66	86 387	1 462,138	13 816,291	9,449	8,978
54	67	85 205	1 335,313	12 354,153	9,252	8,781
55	68	83 909	1 217,590	11 018,840	9,050	8,579
56	69	82 541	1 109,021	9 801,250	8,838	8,367
57	70	81 061	1 008,463	8 692,229	8,619	8,148
58	71	79 470	915,431	7 683,766	8,394	7,923
59	72	77 744	829,213	6 768,335	8,162	7,691
60	73	75 915	749,726	5 939,122	7,922	7,451
61	74	73 989	676,580	5 189,396	7,670	7,199
62	75	71 924	608,980	4 512,816	7,410	6,939
63	76	69 697	546,411	3 903,836	7,145	6,673
64	77	67 285	488,426	3 357,426	6,874	6,403
65	78	64 703	434,889	2 868,999	6,597	6,126
66	79	61 918	385,346	2 434,110	6,317	5,846
67	80	58 901	339,415	2 048,764	6,036	5,565
68	81	55 622	296,777	1 709,350	5,760	5,289
69	82	52 176	257,772	1 412,573	5,480	5,009
70	83	48 527	221,985	1 154,801	5,202	4,731
71	84	44 685	189,266	932,816	4,929	4,458
72	85	40 664	159,479	743,550	4,662	4,191
73	86	36 543	132,700	584,071	4,401	3,930
74	87	32 352	108,778	451,371	4,149	3,678
75	88	28 179	87,730	342,593	3,905	3,434
76	89	24 095	69,457	254,863	3,669	3,198
77	90	20 152	53,788	185,407	3,447	2,976
78	91	16 462	40,685	131,618	3,235	2,764
79	92	13 074	29,917	90,933	3,039	2,568
80	93	10 066	21,329	61,016	2,861	2,390
81	94	7 494	14,703	39,686	2,699	2,228
82	95	5 350	9,719	24,984	2,571	2,099
83	96	3 718	6,253	15,264	2,441	1,970
84	97	2 485	3,871	9,012	2,328	1,857
85	98	1 626	2,344	5,141	2,193	1,722
86	99	1 009	1,347	2,797	2,076	1,605
87	100	594	0,735	1,450	1,973	1,502

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	14	99 576	99 576,485	1 322 271,217	13,279	12,808
1	15	99 213	91 863,811	1 222 694,732	13,310	12,839
2	16	99 173	85 025,276	1 130 830,921	13,300	12,829
3	17	99 144	78 703,721	1 045 805,645	13,288	12,817
4	18	99 117	72 853,765	967 101,923	13,275	12,804
5	19	99 085	67 435,631	894 248,158	13,261	12,790
6	20	99 057	62 422,463	826 812,528	13,245	12,774
7	21	99 028	57 781,882	764 390,064	13,229	12,758
8	22	99 003	53 488,381	706 608,182	13,210	12,739
9	23	98 978	49 513,674	653 119,802	13,191	12,720
10	24	98 949	45 832,361	603 606,127	13,170	12,699
11	25	98 924	42 426,912	557 773,767	13,147	12,676
12	26	98 897	39 273,345	515 346,855	13,122	12,651
13	27	98 870	36 354,284	476 073,509	13,095	12,624
14	28	98 839	33 650,803	439 719,225	13,067	12,596
15	29	98 802	31 146,618	406 068,422	13,037	12,566
16	30	98 762	28 827,665	374 921,804	13,006	12,535
17	31	98 707	26 677,483	346 094,139	12,973	12,502
18	32	98 647	24 686,249	319 416,655	12,939	12,468
19	33	98 575	22 840,946	294 730,407	12,904	12,433
20	34	98 498	21 132,666	271 889,461	12,866	12,395
21	35	98 416	19 550,814	250 756,795	12,826	12,355
22	36	98 332	18 087,227	231 205,982	12,783	12,312
23	37	98 242	16 732,031	213 118,755	12,737	12,266
24	38	98 151	15 478,380	196 386,724	12,688	12,217
25	39	98 046	14 316,516	180 908,344	12,636	12,165
26	40	97 941	13 241,762	166 591,829	12,581	12,110
27	41	97 828	12 246,764	153 350,066	12,522	12,051
28	42	97 702	11 324,966	141 103,303	12,459	11,988
29	43	97 570	10 471,982	129 778,336	12,393	11,922
30	44	97 427	9 682,006	119 306,355	12,322	11,851
31	45	97 271	8 950,517	109 624,348	12,248	11,777
32	46	97 096	8 272,602	100 673,832	12,170	11,699
33	47	96 905	7 644,731	92 401,230	12,087	11,616
34	48	96 697	7 063,289	84 756,498	12,000	11,529
35	49	96 465	6 524,363	77 693,210	11,908	11,437
36	50	96 205	6 024,780	71 168,847	11,813	11,342
37	51	95 930	5 562,567	65 144,067	11,711	11,240
38	52	95 628	5 134,333	59 581,500	11,605	11,133
39	53	95 293	4 737,363	54 447,166	11,493	11,022
40	54	94 929	4 369,684	49 709,804	11,376	10,905
41	55	94 525	4 028,757	45 340,120	11,254	10,783
42	56	94 087	3 713,046	41 311,362	11,126	10,655
43	57	93 606	3 420,460	37 598,316	10,992	10,521
44	58	93 080	3 149,283	34 177,856	10,853	10,382
45	59	92 503	2 897,929	31 028,573	10,707	10,236
46	60	91 868	2 664,848	28 130,645	10,556	10,085
47	61	91 173	2 448,788	25 465,796	10,399	9,928
48	62	90 438	2 249,105	23 017,008	10,234	9,763
49	63	89 638	2 064,086	20 767,903	10,062	9,591
50	64	88 768	1 892,632	18 703,817	9,882	9,411
51	65	87 811	1 733,547	16 811,184	9,698	9,227
52	66	86 771	1 586,128	15 077,637	9,506	9,035
53	67	85 632	1 449,365	13 491,510	9,309	8,838
54	68	84 379	1 322,368	12 042,144	9,106	8,635
55	69	83 052	1 205,152	10 719,776	8,895	8,424
56	70	81 619	1 096,631	9 514,624	8,676	8,205
57	71	80 074	996,177	8 417,993	8,450	7,979
58	72	78 406	903,173	7 421,816	8,217	7,746
59	73	76 624	817,264	6 518,644	7,976	7,505
60	74	74 740	738,118	5 701,379	7,724	7,253
61	75	72 723	665,005	4 963,261	7,463	6,992
62	76	70 553	597,368	4 298,256	7,195	6,724
63	77	68 176	534,485	3 700,888	6,924	6,453
64	78	65 640	476,483	3 166,403	6,645	6,174
65	79	62 885	422,669	2 689,920	6,364	5,893
66	80	59 880	372,659	2 267,251	6,084	5,613
67	81	56 639	326,378	1 894,592	5,805	5,334
68	82	53 171	283,700	1 568,214	5,528	5,057
69	83	49 550	244,795	1 284,514	5,247	4,776
70	84	45 709	209,092	1 039,719	4,973	4,502
71	85	41 681	176,543	830,627	4,705	4,234
72	86	37 524	147,164	654,084	4,445	3,974
73	87	33 294	120,902	506,920	4,193	3,722
74	88	29 078	97,771	386,018	3,948	3,477
75	89	24 943	77,656	288,247	3,712	3,241
76	90	20 940	60,364	210,591	3,489	3,018
77	91	17 171	45,831	150,228	3,278	2,807
78	92	13 708	33,877	104,397	3,082	2,611
79	93	10 622	24,306	70,519	2,901	2,430
80	94	7 961	16,867	46,213	2,740	2,269
81	95	5 732	11,245	29,346	2,610	2,139
82	96	4 018	7,299	18,101	2,480	2,009
83	97	2 716	4,568	10,802	2,365	1,894
84	98	1 797	2,798	6,234	2,228	1,757
85	99	1 130	1,630	3,436	2,108	1,637
86	100	675	0,902	1,806	2,003	1,532

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	15	99 566	99 566,036	1 321 351,947	13,271	12,800
1	16	99 201	91 852,319	1 221 785,911	13,302	12,831
2	17	99 159	85 013,279	1 129 933,593	13,291	12,820
3	18	99 130	78 692,198	1 044 920,314	13,279	12,808
4	19	99 097	72 838,929	966 228,116	13,265	12,794
5	20	99 066	67 422,614	893 389,187	13,251	12,780
6	21	99 038	62 410,905	825 966,573	13,234	12,763
7	22	99 012	57 772,316	763 555,669	13,217	12,746
8	23	98 986	53 479,125	705 783,353	13,197	12,726
9	24	98 957	49 502,931	652 304,228	13,177	12,706
10	25	98 932	45 824,589	602 801,298	13,155	12,683
11	26	98 906	42 419,001	556 976,708	13,130	12,659
12	27	98 878	39 265,704	514 557,708	13,105	12,633
13	28	98 848	36 346,343	475 292,004	13,077	12,606
14	29	98 814	33 642,411	438 945,660	13,047	12,576
15	30	98 777	31 138,558	405 303,249	13,016	12,545
16	31	98 733	28 819,105	374 164,691	12,983	12,512
17	32	98 676	26 668,968	345 345,586	12,949	12,478
18	33	98 612	24 677,681	318 676,618	12,914	12,443
19	34	98 540	22 832,813	293 998,937	12,876	12,405
20	35	98 460	21 124,400	271 166,124	12,837	12,366
21	36	98 376	19 542,945	250 041,723	12,794	12,323
22	37	98 286	18 078,747	230 498,779	12,750	12,279
23	38	98 196	16 724,330	212 420,032	12,701	12,230
24	39	98 094	15 469,315	195 695,701	12,651	12,180
25	40	97 988	14 307,987	180 226,387	12,596	12,125
26	41	97 874	13 232,775	165 918,400	12,538	12,067
27	42	97 753	12 237,421	152 685,625	12,477	12,006
28	43	97 621	11 315,569	140 448,203	12,412	11,941
29	44	97 483	10 462,558	129 132,635	12,342	11,871
30	45	97 327	9 672,130	118 670,077	12,269	11,798
31	46	97 163	8 940,564	108 997,947	12,191	11,720
32	47	96 973	8 262,098	100 057,383	12,110	11,639
33	48	96 766	7 633,772	91 795,285	12,025	11,554
34	49	96 543	7 051,991	84 161,512	11,934	11,463
35	50	96 290	6 512,544	77 109,522	11,840	11,369
36	51	96 015	6 012,907	70 596,978	11,741	11,270
37	52	95 718	5 550,280	64 584,070	11,636	11,165
38	53	95 394	5 121,727	59 033,790	11,526	11,055
39	54	95 033	4 724,415	53 912,063	11,411	10,940
40	55	94 644	4 356,533	49 187,648	11,291	10,820
41	56	94 211	4 015,409	44 831,115	11,165	10,694
42	57	93 746	3 699,609	40 815,706	11,032	10,561
43	58	93 233	3 406,804	37 116,097	10,895	10,424
44	59	92 670	3 135,393	33 709,293	10,751	10,280
45	60	92 056	2 883,932	30 573,900	10,601	10,130
46	61	91 373	2 650,482	27 689,969	10,447	9,976
47	62	90 663	2 435,087	25 039,487	10,283	9,812
48	63	89 888	2 235,438	22 604,400	10,112	9,641
49	64	89 048	2 050,496	20 368,961	9,934	9,463
50	65	88 121	1 878,840	18 318,466	9,750	9,279
51	66	87 107	1 719,658	16 439,626	9,560	9,089
52	67	86 013	1 572,272	14 719,968	9,362	8,891
53	68	84 802	1 435,314	13 147,696	9,160	8,689
54	69	83 517	1 308,860	11 712,382	8,949	8,477
55	70	82 124	1 191,688	10 403,521	8,730	8,259
56	71	80 625	1 083,270	9 211,833	8,504	8,033
57	72	79 002	982,838	8 128,563	8,271	7,799
58	73	77 276	890,159	7 145,725	8,027	7,556
59	74	75 438	804,611	6 255,567	7,775	7,304
60	75	73 461	725,490	5 450,956	7,513	7,042
61	76	71 337	652,325	4 725,466	7,244	6,773
62	77	69 013	584,330	4 073,141	6,971	6,500
63	78	66 509	521,416	3 488,811	6,691	6,220
64	79	63 795	463,094	2 967,395	6,408	5,937
65	80	60 814	408,753	2 504,302	6,127	5,656
66	81	57 580	358,346	2 095,548	5,848	5,377
67	82	54 143	311,997	1 737,202	5,568	5,097
68	83	50 494	269,418	1 425,205	5,290	4,819
69	84	46 672	230,577	1 155,787	5,013	4,542
70	85	42 636	195,036	925,210	4,744	4,273
71	86	38 462	162,910	730,174	4,482	4,011
72	87	34 188	134,080	567,263	4,231	3,760
73	88	29 925	108,668	433,183	3,986	3,515
74	89	25 739	86,544	324,516	3,750	3,279
75	90	21 678	67,489	237,971	3,526	3,055
76	91	17 842	51,434	170,482	3,315	2,844
77	92	14 297	38,162	119,048	3,120	2,649
78	93	11 137	27,523	80,886	2,939	2,468
79	94	8 400	19,221	53,363	2,776	2,305
80	95	6 088	12,900	34,142	2,647	2,176
81	96	4 304	8,445	21,241	2,515	2,044
82	97	2 935	5,332	12,797	2,400	1,929
83	98	1 963	3,302	7,465	2,260	1,789
84	99	1 249	1,946	4,162	2,139	1,668
85	100	757	1,091	2,217	2,032	1,561

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	16	99 554	99 553,580	1 320 362,839	13,263	12,792
1	17	99 187	91 839,358	1 220 809,259	13,293	12,822
2	18	99 145	85 000,831	1 128 969,901	13,282	12,811
3	19	99 109	78 676,173	1 043 969,070	13,269	12,798
4	20	99 077	72 824,869	965 292,897	13,255	12,784
5	21	99 048	67 410,129	892 468,028	13,239	12,768
6	22	99 022	62 400,572	825 057,898	13,222	12,751
7	23	98 994	57 762,318	762 657,326	13,203	12,732
8	24	98 965	53 467,521	704 895,008	13,184	12,713
9	25	98 940	49 494,536	651 427,487	13,162	12,691
10	26	98 913	45 816,045	601 932,951	13,138	12,667
11	27	98 887	42 410,747	556 116,906	13,113	12,642
12	28	98 856	39 257,127	513 706,159	13,086	12,615
13	29	98 824	36 337,279	474 449,032	13,057	12,586
14	30	98 789	33 633,705	438 111,753	13,026	12,555
15	31	98 747	31 129,312	404 478,048	12,993	12,522
16	32	98 701	28 809,906	373 348,736	12,959	12,488
17	33	98 641	26 659,713	344 538,830	12,924	12,453
18	34	98 577	24 668,895	317 879,117	12,886	12,415
19	35	98 501	22 823,883	293 210,222	12,847	12,376
20	36	98 420	21 115,898	270 386,340	12,805	12,334
21	37	98 330	19 533,782	249 270,441	12,761	12,290
22	38	98 241	18 070,427	229 736,659	12,713	12,242
23	39	98 139	16 714,535	211 666,232	12,664	12,193
24	40	98 035	15 460,100	194 951,697	12,610	12,139
25	41	97 921	14 298,276	179 491,597	12,553	12,082
26	42	97 800	13 222,680	165 193,321	12,493	12,022
27	43	97 672	12 227,267	151 970,641	12,429	11,958
28	44	97 533	11 305,386	139 743,374	12,361	11,890
29	45	97 383	10 451,885	128 437,989	12,288	11,817
30	46	97 219	9 661,375	117 986,103	12,212	11,741
31	47	97 040	8 929,212	108 324,728	12,131	11,660
32	48	96 834	8 250,254	99 395,516	12,048	11,577
33	49	96 611	7 621,562	91 145,262	11,959	11,488
34	50	96 368	7 039,216	83 523,701	11,865	11,394
35	51	96 100	6 499,710	76 484,485	11,767	11,296
36	52	95 803	5 999,626	69 984,774	11,665	11,194
37	53	95 483	5 536,653	63 985,148	11,557	11,086
38	54	95 133	5 107,729	58 448,495	11,443	10,972
39	55	94 747	4 710,196	53 340,767	11,325	10,853
40	56	94 330	4 342,098	48 630,571	11,200	10,729
41	57	93 871	4 000,877	44 288,473	11,070	10,599
42	58	93 372	3 684,839	40 287,595	10,933	10,462
43	59	92 822	3 391,779	36 602,756	10,792	10,321
44	60	92 222	3 120,249	33 210,978	10,644	10,173
45	61	91 560	2 868,384	30 090,729	10,490	10,019
46	62	90 862	2 635,652	27 222,345	10,329	9,857
47	63	90 112	2 420,290	24 586,692	10,159	9,688
48	64	89 296	2 220,719	22 166,403	9,982	9,511
49	65	88 399	2 035,553	19 945,683	9,799	9,328
50	66	87 415	1 863,786	17 910,130	9,610	9,138
51	67	86 346	1 704,636	16 046,344	9,413	8,942
52	68	85 179	1 557,030	14 341,708	9,211	8,740
53	69	83 936	1 420,653	12 784,678	8,999	8,528
54	70	82 584	1 294,238	11 364,025	8,780	8,309
55	71	81 123	1 177,169	10 069,788	8,554	8,083
56	72	79 545	1 068,765	8 892,619	8,320	7,849
57	73	77 863	968,676	7 823,854	8,077	7,606
58	74	76 080	876,377	6 855,178	7,822	7,351
59	75	74 147	790,845	5 978,802	7,560	7,089
60	76	72 060	711,657	5 187,957	7,290	6,819
61	77	69 780	638,087	4 476,300	7,015	6,544
62	78	67 325	570,042	3 838,213	6,733	6,262
63	79	64 640	506,764	3 268,171	6,449	5,978
64	80	61 695	447,847	2 761,407	6,166	5,695
65	81	58 478	393,054	2 313,560	5,886	5,415
66	82	55 043	342,556	1 920,506	5,606	5,135
67	83	51 417	296,291	1 577,950	5,326	4,855
68	84	47 561	253,770	1 281,659	5,050	4,579
69	85	43 535	215,077	1 027,889	4,779	4,308
70	86	39 344	179,975	812,812	4,516	4,045
71	87	35 043	148,426	632,836	4,264	3,793
72	88	30 729	120,512	484,410	4,020	3,549
73	89	26 489	96,190	363,898	3,783	3,312
74	90	22 370	75,214	267,708	3,559	3,088
75	91	18 471	57,505	192,493	3,347	2,876
76	92	14 857	42,827	134,988	3,152	2,681
77	93	11 616	31,004	92,161	2,973	2,501
78	94	8 807	21,766	61,157	2,810	2,339
79	95	6 424	14,701	39,391	2,680	2,208
80	96	4 572	9,688	24,690	2,549	2,078
81	97	3 144	6,169	15,003	2,432	1,961
82	98	2 122	3,855	8,834	2,292	1,821
83	99	1 365	2,296	4,979	2,169	1,698
84	100	836	1,303	2,683	2,060	1,589

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	17	99 540	99 539,533	1 319 300,389	13,254	12,783
1	18	99 172	91 825,911	1 219 760,856	13,283	12,812
2	19	99 125	84 983,521	1 127 934,945	13,272	12,801
3	20	99 090	78 660,986	1 042 951,423	13,259	12,788
4	21	99 059	72 811,385	964 290,437	13,244	12,773
5	22	99 031	67 398,969	891 479,053	13,227	12,756
6	23	99 005	62 389,774	824 080,083	13,209	12,738
7	24	98 973	57 749,785	761 690,310	13,189	12,718
8	25	98 948	53 458,454	703 940,525	13,168	12,697
9	26	98 921	49 485,308	650 482,071	13,145	12,674
10	27	98 894	45 807,130	600 996,763	13,120	12,649
11	28	98 865	42 401,484	555 189,633	13,094	12,623
12	29	98 831	39 247,336	512 788,149	13,066	12,595
13	30	98 798	36 327,875	473 540,813	13,035	12,564
14	31	98 759	33 623,718	437 212,937	13,003	12,532
15	32	98 716	31 119,376	403 589,219	12,969	12,498
16	33	98 667	28 799,908	372 469,844	12,933	12,462
17	34	98 606	26 650,221	343 669,936	12,896	12,425
18	35	98 539	24 659,246	317 019,715	12,856	12,385
19	36	98 461	22 814,697	292 360,469	12,815	12,344
20	37	98 374	21 105,998	269 545,772	12,771	12,300
21	38	98 285	19 524,792	248 439,774	12,724	12,253
22	39	98 183	18 059,844	228 914,982	12,675	12,204
23	40	98 080	16 704,579	210 855,138	12,623	12,152
24	41	97 969	15 449,607	194 150,560	12,567	12,096
25	42	97 847	14 287,369	178 700,953	12,508	12,037
26	43	97 718	13 211,708	164 413,584	12,445	11,973
27	44	97 584	12 216,263	151 201,876	12,377	11,906
28	45	97 433	11 293,854	138 985,614	12,306	11,835
29	46	97 275	10 440,263	127 691,760	12,231	11,760
30	47	97 096	9 649,108	117 251,497	12,152	11,680
31	48	96 901	8 916,412	107 602,389	12,068	11,597
32	49	96 679	8 237,057	98 685,977	11,981	11,510
33	50	96 436	7 607,756	90 448,920	11,889	11,418
34	51	96 178	7 025,344	82 841,165	11,792	11,321
35	52	95 888	6 485,354	75 815,821	11,690	11,219
36	53	95 568	5 984,895	69 330,467	11,584	11,113
37	54	95 222	5 521,520	63 345,571	11,472	11,001
38	55	94 847	5 092,356	57 824,051	11,355	10,884
39	56	94 433	4 694,589	52 731,695	11,232	10,761
40	57	93 989	4 326,384	48 037,105	11,103	10,632
41	58	93 496	3 984,905	43 710,721	10,969	10,498
42	59	92 960	3 668,587	39 725,816	10,829	10,358
43	60	92 373	3 375,396	36 057,229	10,682	10,211
44	61	91 725	3 103,427	32 681,833	10,531	10,060
45	62	91 048	2 852,335	29 578,406	10,370	9,899
46	63	90 310	2 619,636	26 726,070	10,202	9,731
47	64	89 519	2 404,354	24 106,434	10,026	9,555
48	65	88 646	2 204,536	21 702,080	9,844	9,373
49	66	87 691	2 019,244	19 497,544	9,656	9,185
50	67	86 651	1 847,505	17 478,301	9,460	8,989
51	68	85 509	1 688,110	15 630,795	9,259	8,788
52	69	84 309	1 541,125	13 942,685	9,047	8,576
53	70	82 998	1 404,781	12 401,560	8,828	8,357
54	71	81 578	1 278,469	10 996,778	8,602	8,130
55	72	80 037	1 161,407	9 718,309	8,368	7,897
56	73	78 399	1 053,364	8 556,903	8,123	7,652
57	74	76 658	953,678	7 503,538	7,868	7,397
58	75	74 778	861,383	6 549,860	7,604	7,133
59	76	72 733	775,766	5 688,477	7,333	6,862
60	77	70 487	696,124	4 912,712	7,057	6,586
61	78	68 073	622,485	4 216,588	6,774	6,303
62	79	65 434	554,023	3 594,103	6,487	6,016
63	80	62 512	490,079	3 040,079	6,203	5,732
64	81	59 325	430,646	2 550,000	5,921	5,450
65	82	55 902	375,735	2 119,353	5,641	5,170
66	83	52 272	325,312	1 743,619	5,360	4,889
67	84	48 431	279,082	1 418,307	5,082	4,611
68	85	44 364	236,711	1 139,225	4,813	4,342
69	86	40 173	198,469	902,514	4,547	4,076
70	87	35 846	163,974	704,045	4,294	3,823
71	88	31 497	133,407	540,071	4,048	3,577
72	89	27 200	106,674	406,664	3,812	3,341
73	90	23 021	83,597	299,990	3,589	3,117
74	91	19 060	64,087	216,393	3,377	2,905
75	92	15 380	47,883	152,305	3,181	2,710
76	93	12 070	34,794	104,423	3,001	2,530
77	94	9 186	24,518	69,628	2,840	2,369
78	95	6 736	16,647	45,110	2,710	2,239
79	96	4 824	11,040	28,463	2,578	2,107
80	97	3 340	7,077	17,423	2,462	1,991
81	98	2 273	4,460	10,346	2,320	1,849
82	99	1 475	2,680	5,887	2,196	1,725
83	100	914	1,537	3,206	2,086	1,615

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	18	99 525	99 524,959	1 318 160,374	13,245	12,773
1	19	99 152	91 807,212	1 218 635,415	13,274	12,803
2	20	99 106	84 967,117	1 126 828,204	13,262	12,791
3	21	99 072	78 646,421	1 041 861,086	13,247	12,776
4	22	99 043	72 799,330	963 214,665	13,231	12,760
5	23	99 014	67 387,306	890 415,335	13,213	12,742
6	24	98 983	62 376,236	823 028,029	13,195	12,724
7	25	98 956	57 739,992	760 651,793	13,174	12,703
8	26	98 929	53 448,486	702 911,801	13,151	12,680
9	27	98 902	49 475,679	649 463,315	13,127	12,656
10	28	98 873	45 797,125	599 987,636	13,101	12,630
11	29	98 840	42 390,909	554 190,511	13,073	12,602
12	30	98 806	39 237,180	511 799,602	13,044	12,573
13	31	98 769	36 317,088	472 562,422	13,012	12,541
14	32	98 728	33 612,985	436 245,334	12,978	12,507
15	33	98 682	31 108,576	402 632,348	12,943	12,472
16	34	98 632	28 789,653	371 523,772	12,905	12,434
17	35	98 568	26 639,797	342 734,119	12,865	12,394
18	36	98 499	24 649,322	316 094,321	12,824	12,353
19	37	98 415	22 804,000	291 445,000	12,780	12,309
20	38	98 329	21 096,285	268 641,000	12,734	12,263
21	39	98 227	19 513,357	247 544,715	12,686	12,215
22	40	98 125	18 049,085	228 031,358	12,634	12,163
23	41	98 014	16 693,241	209 982,273	12,579	12,108
24	42	97 894	15 437,821	193 289,031	12,520	12,049
25	43	97 765	14 275,513	177 851,210	12,458	11,987
26	44	97 631	13 199,818	163 575,698	12,392	11,921
27	45	97 485	12 203,802	150 375,879	12,322	11,851
28	46	97 325	11 281,295	138 172,078	12,248	11,777
29	47	97 151	10 427,007	126 890,782	12,169	11,698
30	48	96 956	9 635,276	116 463,775	12,087	11,616
31	49	96 746	8 902,149	106 828,500	12,000	11,529
32	50	96 504	8 222,136	97 926,351	11,910	11,439
33	51	96 246	7 592,763	89 704,215	11,814	11,343
34	52	95 965	7 009,827	82 111,452	11,714	11,243
35	53	95 653	6 469,430	75 101,625	11,609	11,138
36	54	95 307	5 968,538	68 632,195	11,499	11,028
37	55	94 935	5 504,903	62 663,657	11,383	10,912
38	56	94 532	5 075,483	57 158,754	11,262	10,791
39	57	94 091	4 677,600	52 083,271	11,135	10,664
40	58	93 613	4 309,112	47 405,671	11,001	10,530
41	59	93 083	3 967,329	43 096,558	10,863	10,392
42	60	92 511	3 650,868	39 129,229	10,718	10,247
43	61	91 875	3 357,199	35 478,362	10,568	10,097
44	62	91 212	3 086,063	32 121,162	10,408	9,937
45	63	90 495	2 835,003	29 035,099	10,242	9,771
46	64	89 715	2 602,387	26 200,096	10,068	9,597
47	65	88 867	2 386,832	23 597,709	9,887	9,416
48	66	87 935	2 186,873	21 210,876	9,699	9,228
49	67	86 925	2 001,605	19 024,003	9,504	9,033
50	68	85 811	1 829,595	17 022,398	9,304	8,833
51	69	84 636	1 670,866	15 192,803	9,093	8,622
52	70	83 367	1 523,908	13 521,937	8,873	8,402
53	71	81 987	1 387,666	11 998,029	8,646	8,175
54	72	80 486	1 261,350	10 610,363	8,412	7,941
55	73	78 884	1 144,671	9 349,013	8,167	7,696
56	74	77 185	1 037,056	8 204,342	7,911	7,440
57	75	75 346	937,362	7 167,286	7,646	7,175
58	76	73 352	844,959	6 229,925	7,373	6,902
59	77	71 146	758,834	5 384,966	7,096	6,625
60	78	68 764	679,103	4 626,132	6,812	6,341
61	79	66 161	604,993	3 947,030	6,524	6,053
62	80	63 279	535,783	3 342,037	6,238	5,767
63	81	60 111	471,256	2 806,254	5,955	5,484
64	82	56 711	411,671	2 334,997	5,672	5,201
65	83	53 088	356,820	1 923,326	5,390	4,919
66	84	49 236	306,417	1 566,506	5,112	4,641
67	85	45 175	260,322	1 260,090	4,841	4,369
68	86	40 938	218,432	999,768	4,577	4,106
69	87	36 601	180,824	781,336	4,321	3,850
70	88	32 219	147,382	600,513	4,075	3,603
71	89	27 880	118,089	453,131	3,837	3,366
72	90	23 639	92,709	335,042	3,614	3,143
73	91	19 615	71,230	242,333	3,402	2,931
74	92	15 871	53,363	171,104	3,206	2,735
75	93	12 495	38,902	117,740	3,027	2,556
76	94	9 545	27,515	78,839	2,865	2,394
77	95	7 026	18,752	51,323	2,737	2,266
78	96	5 058	12,501	32,571	2,605	2,134
79	97	3 524	8,065	20,070	2,489	2,017
80	98	2 415	5,116	12,005	2,346	1,875
81	99	1 580	3,101	6,888	2,222	1,750
82	100	988	1,794	3,788	2,111	1,640

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	19	99 505	99 504,691	1 316 937,073	13,235	12,764
1	20	99 133	91 789,491	1 217 432,382	13,263	12,792
2	21	99 087	84 951,384	1 125 642,891	13,250	12,779
3	22	99 055	78 633,400	1 040 691,507	13,235	12,764
4	23	99 026	72 786,732	962 058,106	13,217	12,746
5	24	98 993	67 372,684	889 271,374	13,199	12,728
6	25	98 966	62 365,659	821 898,690	13,179	12,708
7	26	98 938	57 729,226	759 533,031	13,157	12,686
8	27	98 910	53 438,087	701 803,805	13,133	12,662
9	28	98 881	49 464,872	648 365,718	13,108	12,637
10	29	98 848	45 785,703	598 900,846	13,081	12,609
11	30	98 815	42 379,939	553 115,143	13,051	12,580
12	31	98 777	39 225,529	510 735,204	13,020	12,549
13	32	98 737	36 305,496	471 509,675	12,987	12,516
14	33	98 694	33 601,320	435 204,179	12,952	12,481
15	34	98 647	31 097,500	401 602,859	12,914	12,443
16	35	98 593	28 778,393	370 505,359	12,874	12,403
17	36	98 528	26 629,075	341 726,966	12,833	12,362
18	37	98 453	24 637,765	315 097,890	12,789	12,318
19	38	98 370	22 793,505	290 460,125	12,743	12,272
20	39	98 271	21 083,929	267 666,620	12,695	12,224
21	40	98 168	19 501,733	246 582,691	12,644	12,173
22	41	98 058	18 036,835	227 080,958	12,590	12,119
23	42	97 939	16 680,507	209 044,122	12,532	12,061
24	43	97 813	15 425,010	192 363,616	12,471	12,000
25	44	97 678	14 262,666	176 938,605	12,406	11,935
26	45	97 531	13 186,354	162 675,939	12,337	11,866
27	46	97 376	12 190,232	149 489,586	12,263	11,792
28	47	97 201	11 266,971	137 299,354	12,186	11,715
29	48	97 012	10 412,059	126 032,383	12,104	11,633
30	49	96 801	9 619,863	115 620,323	12,019	11,548
31	50	96 570	8 886,023	106 000,460	11,929	11,458
32	51	96 314	8 205,933	97 114,437	11,835	11,364
33	52	96 034	7 575,992	88 908,504	11,736	11,265
34	53	95 730	6 992,616	81 332,512	11,631	11,160
35	54	95 391	6 451,748	74 339,896	11,522	11,051
36	55	95 020	5 950,575	67 888,148	11,409	10,938
37	56	94 621	5 486,663	61 937,573	11,289	10,818
38	57	94 190	5 057,116	56 450,910	11,163	10,692
39	58	93 716	4 658,926	51 393,795	11,031	10,560
40	59	93 201	4 290,107	46 734,869	10,894	10,423
41	60	92 634	3 948,167	42 444,762	10,750	10,279
42	61	92 012	3 631,186	38 496,595	10,602	10,131
43	62	91 361	3 338,416	34 865,409	10,444	9,973
44	63	90 657	3 067,310	31 526,994	10,278	9,807
45	64	89 899	2 816,336	28 459,683	10,105	9,634
46	65	89 061	2 583,423	25 643,347	9,926	9,455
47	66	88 155	2 367,708	23 059,924	9,739	9,268
48	67	87 167	2 167,770	20 692,216	9,545	9,074
49	68	86 082	1 982,200	18 524,446	9,345	8,874
50	69	84 934	1 810,906	16 542,246	9,135	8,664
51	70	83 690	1 652,199	14 731,340	8,916	8,445
52	71	82 351	1 505,341	13 079,140	8,688	8,217
53	72	80 889	1 369,085	11 573,799	8,454	7,983
54	73	79 326	1 243,175	10 204,715	8,209	7,738
55	74	77 662	1 126,949	8 961,540	7,952	7,481
56	75	75 864	1 019,313	7 834,591	7,686	7,215
57	76	73 910	919,489	6 815,278	7,412	6,941
58	77	71 751	826,517	5 895,789	7,133	6,662
59	78	69 406	740,279	5 069,273	6,848	6,377
60	79	66 832	660,020	4 328,994	6,559	6,088
61	80	63 982	585,075	3 668,974	6,271	5,800
62	81	60 849	515,205	3 083,900	5,986	5,515
63	82	57 462	450,492	2 568,695	5,702	5,231
64	83	53 856	390,947	2 118,203	5,418	4,947
65	84	50 004	336,095	1 727,256	5,139	4,668
66	85	45 926	285,819	1 391,161	4,867	4,396
67	86	41 687	240,219	1 105,342	4,601	4,130
68	87	37 299	199,012	865,123	4,347	3,876
69	88	32 897	162,526	666,111	4,098	3,627
70	89	28 519	130,459	503,585	3,860	3,389
71	90	24 230	102,629	373,127	3,636	3,165
72	91	20 142	78,994	270,498	3,424	2,953
73	92	16 333	59,311	191,504	3,229	2,758
74	93	12 894	43,354	132,194	3,049	2,578
75	94	9 881	30,764	88,839	2,888	2,417
76	95	7 300	21,045	58,076	2,760	2,289
77	96	5 276	14,082	37,031	2,630	2,159
78	97	3 695	9,132	22,949	2,513	2,042
79	98	2 548	5,830	13,816	2,370	1,899
80	99	1 679	3,557	7,986	2,245	1,774
81	100	1 058	2,076	4,429	2,133	1,662

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	20	99 485	99 485,484	1 315 629,916	13,224	12,753
1	21	99 114	91 772,494	1 216 144,432	13,252	12,781
2	22	99 071	84 937,320	1 124 371,938	13,238	12,767
3	23	99 038	78 619,793	1 039 434,618	13,221	12,750
4	24	99 004	72 770,939	960 814,825	13,203	12,732
5	25	98 976	67 361,260	888 043,886	13,183	12,712
6	26	98 948	62 354,030	820 682,627	13,162	12,691
7	27	98 918	57 717,993	758 328,596	13,139	12,667
8	28	98 889	53 426,414	700 610,603	13,114	12,643
9	29	98 856	49 452,536	647 184,189	13,087	12,616
10	30	98 822	45 773,855	597 731,653	13,058	12,587
11	31	98 785	42 367,355	551 957,798	13,028	12,557
12	32	98 745	39 213,009	509 590,443	12,995	12,524
13	33	98 703	36 292,897	470 377,435	12,961	12,490
14	34	98 658	33 589,357	434 084,538	12,923	12,452
15	35	98 608	31 085,337	400 495,182	12,884	12,413
16	36	98 553	28 766,811	369 409,845	12,842	12,370
17	37	98 482	26 616,590	340 643,034	12,798	12,327
18	38	98 408	24 626,426	314 026,444	12,752	12,281
19	39	98 312	22 780,156	289 400,018	12,704	12,233
20	40	98 213	21 071,370	266 619,862	12,653	12,182
21	41	98 102	19 488,497	245 548,492	12,600	12,129
22	42	97 983	18 023,076	226 059,995	12,543	12,072
23	43	97 858	16 666,665	208 036,919	12,482	12,011
24	44	97 725	15 411,129	191 370,254	12,418	11,947
25	45	97 578	14 248,117	175 959,125	12,350	11,879
26	46	97 422	13 171,691	161 711,008	12,277	11,806
27	47	97 253	12 174,753	148 539,317	12,201	11,730
28	48	97 062	11 250,819	136 364,563	12,120	11,649
29	49	96 857	10 395,405	125 113,744	12,035	11,564
30	50	96 626	9 602,437	114 718,339	11,947	11,476
31	51	96 380	8 868,512	105 115,902	11,853	11,382
32	52	96 101	8 187,808	96 247,390	11,755	11,284
33	53	95 798	7 557,391	88 059,582	11,652	11,181
34	54	95 468	6 973,504	80 502,191	11,544	11,073
35	55	95 104	6 432,331	73 528,688	11,431	10,960
36	56	94 705	5 930,858	67 096,357	11,313	10,842
37	57	94 279	5 466,807	61 165,498	11,189	10,717
38	58	93 814	5 036,926	55 698,691	11,058	10,587
39	59	93 302	4 638,377	50 661,765	10,922	10,451
40	60	92 750	4 269,385	46 023,388	10,780	10,309
41	61	92 134	3 926,882	41 754,002	10,633	10,162
42	62	91 498	3 610,869	37 827,120	10,476	10,005
43	63	90 806	3 318,129	34 216,251	10,312	9,841
44	64	90 060	3 047,114	30 898,122	10,140	9,669
45	65	89 244	2 795,812	27 851,008	9,962	9,491
46	66	88 348	2 562,724	25 055,195	9,777	9,306
47	67	87 384	2 347,026	22 492,471	9,583	9,112
48	68	86 322	2 146,755	20 145,446	9,384	8,913
49	69	85 203	1 961,953	17 998,691	9,174	8,703
50	70	83 986	1 790,674	16 036,738	8,956	8,485
51	71	82 670	1 632,070	14 246,064	8,729	8,258
52	72	81 249	1 485,184	12 613,995	8,493	8,022
53	73	79 723	1 349,357	11 128,811	8,247	7,776
54	74	78 098	1 223,927	9 779,454	7,990	7,519
55	75	76 334	1 107,668	8 555,527	7,724	7,253
56	76	74 418	999,877	7 447,858	7,449	6,978
57	77	72 296	899,420	6 447,981	7,169	6,698
58	78	69 997	806,307	5 548,561	6,881	6,410
59	79	67 456	719,477	4 742,254	6,591	6,120
60	80	64 631	638,290	4 022,777	6,302	5,831
61	81	61 525	562,603	3 384,488	6,016	5,545
62	82	58 168	492,503	2 821,885	5,730	5,259
63	83	54 570	427,813	2 329,381	5,445	4,974
64	84	50 728	368,240	1 901,568	5,164	4,693
65	85	46 643	313,502	1 533,328	4,891	4,420
66	86	42 380	263,748	1 219,826	4,625	4,154
67	87	37 981	218,862	956,078	4,368	3,897
68	88	33 524	178,874	737,216	4,121	3,650
69	89	29 120	143,864	558,342	3,881	3,410
70	90	24 785	113,379	414,478	3,656	3,185
71	91	20 646	87,446	301,099	3,443	2,972
72	92	16 772	65,775	213,653	3,248	2,777
73	93	13 270	48,186	147,878	3,069	2,598
74	94	10 197	34,285	99,691	2,908	2,437
75	95	7 558	23,529	65,407	2,780	2,309
76	96	5 482	15,804	41,878	2,650	2,179
77	97	3 854	10,287	26,074	2,535	2,064
78	98	2 671	6,602	15,787	2,391	1,920
79	99	1 771	4,054	9,184	2,266	1,795
80	100	1 124	2,381	5,131	2,154	1,683

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	21	99 467	99 467,063	1 314 231,002	13,213	12,742
1	22	99 098	91 757,301	1 214 763,939	13,239	12,768
2	23	99 054	84 922,622	1 123 006,639	13,224	12,753
3	24	99 017	78 602,734	1 038 084,017	13,207	12,736
4	25	98 987	72 758,599	959 481,283	13,187	12,716
5	26	98 957	67 348,699	886 722,684	13,166	12,695
6	27	98 929	62 341,898	819 373,985	13,143	12,672
7	28	98 897	57 705,386	757 032,087	13,119	12,648
8	29	98 864	53 413,090	699 326,701	13,093	12,622
9	30	98 830	49 439,739	645 913,611	13,065	12,594
10	31	98 793	45 760,263	596 473,872	13,035	12,564
11	32	98 754	42 353,832	550 713,609	13,003	12,532
12	33	98 711	39 199,400	508 359,778	12,969	12,498
13	34	98 668	36 279,975	469 160,378	12,932	12,461
14	35	98 620	33 576,219	432 880,403	12,892	12,421
15	36	98 568	31 072,826	399 304,184	12,851	12,380
16	37	98 507	28 753,323	368 231,358	12,807	12,336
17	38	98 437	26 604,341	339 478,035	12,760	12,289
18	39	98 350	24 612,003	312 873,694	12,712	12,241
19	40	98 254	22 766,586	288 261,691	12,662	12,191
20	41	98 146	21 057,069	265 495,106	12,608	12,137
21	42	98 027	19 473,630	244 438,037	12,552	12,081
22	43	97 902	18 008,120	224 964,407	12,492	12,021
23	44	97 770	16 651,666	206 956,287	12,429	11,958
24	45	97 625	15 395,409	190 304,621	12,361	11,890
25	46	97 469	14 232,274	174 909,212	12,290	11,819
26	47	97 299	13 154,967	160 676,937	12,214	11,743
27	48	97 113	12 157,300	147 521,971	12,134	11,663
28	49	96 907	11 232,823	135 364,670	12,051	11,580
29	50	96 681	10 376,574	124 131,847	11,963	11,492
30	51	96 436	9 583,514	113 755,274	11,870	11,399
31	52	96 167	8 848,923	104 171,759	11,772	11,301
32	53	95 865	8 167,704	95 322,836	11,671	11,200
33	54	95 536	7 536,736	87 155,132	11,564	11,093
34	55	95 181	6 952,516	79 618,396	11,452	10,981
35	56	94 789	6 411,018	72 665,880	11,335	10,863
36	57	94 362	5 909,395	66 254,862	11,212	10,741
37	58	93 902	5 444,982	60 345,467	11,083	10,612
38	59	93 400	5 014,711	54 900,485	10,948	10,477
39	60	92 852	4 615,974	49 885,774	10,807	10,336
40	61	92 250	4 246,369	45 269,800	10,661	10,190
41	62	91 619	3 904,911	41 023,431	10,506	10,035
42	63	90 942	3 588,927	37 118,520	10,343	9,871
43	64	90 208	3 296,281	33 529,593	10,172	9,701
44	65	89 404	3 024,909	30 233,312	9,995	9,524
45	66	88 529	2 773,412	27 208,403	9,810	9,339
46	67	87 576	2 540,338	24 434,992	9,619	9,148
47	68	86 537	2 324,273	21 894,654	9,420	8,949
48	69	85 440	2 124,826	19 570,381	9,210	8,739
49	70	84 251	1 940,033	17 445,555	8,992	8,521
50	71	82 962	1 768,858	15 505,522	8,766	8,295
51	72	81 563	1 610,216	13 736,664	8,531	8,060
52	73	80 078	1 463,783	12 126,449	8,284	7,813
53	74	78 489	1 328,465	10 662,665	8,026	7,555
54	75	76 762	1 202,988	9 334,200	7,759	7,288
55	76	74 878	1 086,548	8 131,213	7,484	7,012
56	77	72 794	978,054	7 044,665	7,203	6,732
57	78	70 529	877,427	6 066,611	6,914	6,443
58	79	68 030	783,649	5 189,183	6,622	6,151
59	80	65 235	695,789	4 405,534	6,332	5,861
60	81	62 149	613,774	3 709,745	6,044	5,573
61	82	58 814	537,813	3 095,971	5,757	5,286
62	83	55 239	467,710	2 558,157	5,470	4,998
63	84	51 400	402,965	2 090,447	5,188	4,717
64	85	47 318	343,486	1 687,482	4,913	4,442
65	86	43 041	289,293	1 343,996	4,646	4,175
66	87	38 612	240,299	1 054,702	4,389	3,918
67	88	34 137	196,715	814,404	4,140	3,669
68	89	29 675	158,334	617,688	3,901	3,430
69	90	25 308	125,030	459,354	3,674	3,203
70	91	21 119	96,606	334,325	3,461	2,990
71	92	17 191	72,813	237,718	3,265	2,794
72	93	13 626	53,439	164,905	3,086	2,615
73	94	10 494	38,106	111,466	2,925	2,454
74	95	7 799	26,222	73,360	2,798	2,327
75	96	5 675	17,669	47,138	2,668	2,197
76	97	4 005	11,545	29,469	2,553	2,082
77	98	2 786	7,437	17,924	2,410	1,939
78	99	1 857	4,590	10,487	2,285	1,814
79	100	1 186	2,714	5,897	2,173	1,702

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	22	99 451	99 450,595	1 312 732,102	13,200	12,729
1	23	99 081	91 741,422	1 213 281,507	13,225	12,754
2	24	99 032	84 904,195	1 121 540,084	13,209	12,738
3	25	99 000	78 589,405	1 036 635,889	13,191	12,719
4	26	98 969	72 745,032	958 046,484	13,170	12,699
5	27	98 938	67 335,595	885 301,452	13,148	12,677
6	28	98 907	62 328,281	817 965,857	13,124	12,652
7	29	98 872	57 690,995	755 637,576	13,098	12,627
8	30	98 838	53 399,268	697 946,581	13,070	12,599
9	31	98 801	49 425,058	644 547,314	13,041	12,570
10	32	98 761	45 745,656	595 122,255	13,009	12,538
11	33	98 720	42 339,133	549 376,599	12,976	12,505
12	34	98 676	39 185,443	507 037,466	12,939	12,468
13	35	98 629	36 265,785	467 852,023	12,901	12,430
14	36	98 580	33 562,705	431 586,238	12,859	12,388
15	37	98 522	31 058,257	398 023,533	12,815	12,344
16	38	98 462	28 740,090	366 965,276	12,768	12,297
17	39	98 379	26 588,760	338 225,185	12,721	12,250
18	40	98 291	24 597,342	311 636,426	12,670	12,198
19	41	98 187	22 751,134	287 039,084	12,616	12,145
20	42	98 071	21 041,005	264 287,950	12,561	12,090
21	43	97 946	19 457,471	243 246,945	12,501	12,030
22	44	97 814	17 991,914	223 789,474	12,438	11,967
23	45	97 670	16 634,681	205 797,560	12,372	11,901
24	46	97 517	15 378,290	189 162,880	12,301	11,830
25	47	97 346	14 214,203	173 784,590	12,226	11,755
26	48	97 159	13 136,109	159 570,386	12,147	11,676
27	49	96 958	12 137,854	146 434,278	12,064	11,593
28	50	96 731	11 212,475	134 296,424	11,977	11,506
29	51	96 491	10 356,125	123 083,949	11,885	11,414
30	52	96 223	9 562,346	112 727,824	11,789	11,318
31	53	95 931	8 827,197	103 165,478	11,687	11,216
32	54	95 603	8 145,381	94 338,281	11,582	11,111
33	55	95 249	7 514,053	86 192,900	11,471	11,000
34	56	94 866	6 929,480	78 678,848	11,354	10,883
35	57	94 446	6 387,817	71 749,368	11,232	10,761
36	58	93 986	5 885,803	65 361,551	11,105	10,634
37	59	93 488	5 420,967	59 475,747	10,971	10,500
38	60	92 949	4 990,489	54 054,781	10,832	10,361
39	61	92 351	4 591,089	49 064,291	10,687	10,216
40	62	91 734	4 222,610	44 473,202	10,532	10,061
41	63	91 062	3 881,182	40 250,592	10,371	9,900
42	64	90 343	3 565,296	36 369,410	10,201	9,730
43	65	89 551	3 272,260	32 804,113	10,025	9,554
44	66	88 688	3 000,673	29 531,853	9,842	9,371
45	67	87 755	2 749,185	26 531,181	9,651	9,180
46	68	86 727	2 515,711	23 781,996	9,453	8,982
47	69	85 653	2 300,531	21 266,285	9,244	8,773
48	70	84 486	2 101,087	18 965,755	9,027	8,556
49	71	83 224	1 916,397	16 864,668	8,800	8,329
50	72	81 851	1 745,172	14 948,271	8,566	8,094
51	73	80 388	1 587,013	13 203,099	8,319	7,848
52	74	78 838	1 441,120	11 616,085	8,060	7,589
53	75	77 146	1 305,737	10 174,965	7,793	7,321
54	76	75 298	1 180,050	8 869,228	7,516	7,045
55	77	73 244	1 062,833	7 689,178	7,235	6,764
56	78	71 014	954,139	6 626,346	6,945	6,474
57	79	68 547	852,771	5 672,207	6,651	6,180
58	80	65 790	757,849	4 819,435	6,359	5,888
59	81	62 729	669,065	4 061,586	6,071	5,599
60	82	59 411	586,730	3 392,521	5,782	5,311
61	83	55 853	510,739	2 805,791	5,494	5,023
62	84	52 031	440,545	2 295,052	5,210	4,739
63	85	47 945	375,877	1 854,508	4,934	4,463
64	86	43 664	316,962	1 478,630	4,665	4,194
65	87	39 214	263,573	1 161,668	4,407	3,936
66	88	34 705	215,983	898,096	4,158	3,687
67	89	30 218	174,127	682,113	3,917	3,446
68	90	25 790	137,606	507,985	3,692	3,221
69	91	21 564	106,533	370,380	3,477	3,006
70	92	17 585	80,441	263,847	3,280	2,809
71	93	13 967	59,157	183,406	3,100	2,629
72	94	10 775	42,259	124,249	2,940	2,469
73	95	8 026	29,144	81,990	2,813	2,342
74	96	5 857	19,692	52,846	2,684	2,213
75	97	4 146	12,908	33,154	2,569	2,097
76	98	2 895	8,346	20,246	2,426	1,955
77	99	1 937	5,171	11,900	2,301	1,830
78	100	1 243	3,073	6,729	2,190	1,719

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	23	99 433	99 433,386	1 311 123,067	13,186	12,715
1	24	99 059	91 721,516	1 211 689,681	13,211	12,739
2	25	99 015	84 889,798	1 119 968,166	13,193	12,722
3	26	98 982	78 574,751	1 035 078,368	13,173	12,702
4	27	98 950	72 730,878	956 503,617	13,151	12,680
5	28	98 916	67 320,887	883 772,738	13,128	12,657
6	29	98 882	62 312,736	816 451,851	13,102	12,631
7	30	98 847	57 676,065	754 139,115	13,075	12,604
8	31	98 809	53 383,412	696 463,050	13,046	12,575
9	32	98 769	49 409,282	643 079,638	13,015	12,544
10	33	98 727	45 729,780	593 670,356	12,982	12,511
11	34	98 684	42 324,058	547 940,575	12,946	12,475
12	35	98 637	39 170,117	505 616,517	12,908	12,437
13	36	98 590	36 251,189	466 446,400	12,867	12,396
14	37	98 534	33 546,970	430 195,212	12,824	12,353
15	38	98 477	31 043,964	396 648,242	12,777	12,306
16	39	98 404	28 723,258	365 604,279	12,729	12,257
17	40	98 320	26 572,921	336 881,020	12,678	12,207
18	41	98 225	24 580,648	310 308,100	12,624	12,153
19	42	98 112	22 733,778	285 727,452	12,568	12,097
20	43	97 990	21 023,545	262 993,674	12,509	12,038
21	44	97 858	19 439,961	241 970,129	12,447	11,976
22	45	97 714	17 973,561	222 530,169	12,381	11,910
23	46	97 561	16 616,184	204 556,607	12,311	11,840
24	47	97 393	15 358,764	187 940,424	12,237	11,766
25	48	97 206	14 193,826	172 581,660	12,159	11,688
26	49	97 004	13 115,096	158 387,833	12,077	11,606
27	50	96 782	12 115,867	145 272,737	11,990	11,519
28	51	96 541	11 190,379	133 156,870	11,899	11,428
29	52	96 278	10 333,251	121 966,491	11,803	11,332
30	53	95 986	9 538,868	111 633,241	11,703	11,232
31	54	95 669	8 803,071	102 094,373	11,598	11,127
32	55	95 315	8 120,866	93 291,302	11,488	11,017
33	56	94 933	7 489,156	85 170,436	11,373	10,901
34	57	94 522	6 904,403	77 681,280	11,251	10,780
35	58	94 069	6 362,315	70 776,878	11,124	10,653
36	59	93 571	5 859,843	64 414,562	10,993	10,521
37	60	93 036	5 394,783	58 554,719	10,854	10,383
38	61	92 448	4 963,586	53 159,935	10,710	10,239
39	62	91 834	4 565,402	48 196,350	10,557	10,086
40	63	91 177	4 196,951	43 630,948	10,396	9,925
41	64	90 463	3 855,627	39 433,997	10,228	9,757
42	65	89 684	3 539,315	35 578,370	10,052	9,581
43	66	88 833	3 246,042	32 039,056	9,870	9,399
44	67	87 913	2 974,460	28 793,013	9,680	9,209
45	68	86 904	2 722,533	25 818,553	9,483	9,012
46	69	85 841	2 490,013	23 096,020	9,275	8,804
47	70	84 696	2 274,829	20 606,007	9,058	8,587
48	71	83 457	2 075,488	18 331,178	8,832	8,361
49	72	82 110	1 890,736	16 255,690	8,598	8,127
50	73	80 672	1 720,025	14 364,954	8,352	7,881
51	74	79 144	1 562,442	12 644,929	8,093	7,622
52	75	77 489	1 416,465	11 082,487	7,824	7,353
53	76	75 675	1 280,840	9 666,022	7,547	7,076
54	77	73 654	1 154,294	8 385,182	7,264	6,793
55	78	71 453	1 036,845	7 230,888	6,974	6,503
56	79	69 018	927,327	6 194,043	6,679	6,208
57	80	66 290	824,695	5 266,716	6,386	5,915
58	81	63 263	728,742	4 442,021	6,095	5,624
59	82	59 965	639,585	3 713,279	5,806	5,335
60	83	56 420	557,193	3 073,695	5,516	5,045
61	84	52 609	481,074	2 516,502	5,231	4,760
62	85	48 533	410,931	2 035,428	4,953	4,482
63	86	44 243	346,852	1 624,497	4,684	4,213
64	87	39 782	288,782	1 277,645	4,424	3,953
65	88	35 246	236,902	988,864	4,174	3,703
66	89	30 720	191,183	751,962	3,933	3,462
67	90	26 261	151,331	560,779	3,706	3,235
68	91	21 975	117,249	409,448	3,492	3,021
69	92	17 955	88,706	292,199	3,294	2,823
70	93	14 287	65,353	203,493	3,114	2,643
71	94	11 045	46,781	138,140	2,953	2,482
72	95	8 241	32,321	91,359	2,827	2,356
73	96	6 027	21,886	59,038	2,697	2,226
74	97	4 278	14,385	37,151	2,583	2,112
75	98	2 997	9,332	22,766	2,440	1,969
76	99	2 013	5,803	13,434	2,315	1,844
77	100	1 297	3,462	7,631	2,205	1,733

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	24	99 412	99 411,810	1 309 395,847	13,171	12,700
1	25	99 042	91 705,962	1 209 984,037	13,194	12,723
2	26	98 997	84 873,969	1 118 278,074	13,176	12,705
3	27	98 962	78 559,463	1 033 404,105	13,154	12,683
4	28	98 928	72 714,992	954 844,643	13,131	12,660
5	29	98 892	67 304,098	882 129,651	13,107	12,636
6	30	98 857	62 296,611	814 825,553	13,080	12,609
7	31	98 817	57 658,939	752 528,942	13,051	12,580
8	32	98 777	53 366,372	694 870,003	13,021	12,550
9	33	98 735	49 392,135	641 503,631	12,988	12,517
10	34	98 692	45 713,498	592 111,496	12,953	12,482
11	35	98 646	42 307,504	546 397,998	12,915	12,444
12	36	98 597	39 154,352	504 090,493	12,874	12,403
13	37	98 543	36 234,192	464 936,141	12,831	12,360
14	38	98 489	33 531,530	428 701,949	12,785	12,314
15	39	98 419	31 025,782	395 170,419	12,737	12,266
16	40	98 346	28 706,148	364 144,636	12,685	12,214
17	41	98 254	26 554,886	335 438,488	12,632	12,161
18	42	98 150	24 561,896	308 883,603	12,576	12,105
19	43	98 031	22 714,913	284 321,707	12,517	12,046
20	44	97 902	21 004,625	261 606,794	12,455	11,984
21	45	97 758	19 420,131	240 602,168	12,389	11,918
22	46	97 605	17 953,576	221 182,037	12,320	11,849
23	47	97 437	16 595,086	203 228,462	12,246	11,775
24	48	97 253	15 336,746	186 633,376	12,169	11,698
25	49	97 051	14 171,122	171 296,630	12,088	11,617
26	50	96 828	13 091,339	157 125,508	12,002	11,531
27	51	96 592	12 091,990	144 034,169	11,912	11,440
28	52	96 327	11 165,662	131 942,178	11,817	11,346
29	53	96 041	10 307,879	120 776,516	11,717	11,246
30	54	95 724	9 512,797	110 468,637	11,613	11,142
31	55	95 381	8 776,577	100 955,840	11,503	11,032
32	56	94 999	8 093,958	92 179,264	11,389	10,918
33	57	94 589	7 462,053	84 085,305	11,268	10,797
34	58	94 145	6 876,838	76 623,252	11,142	10,671
35	59	93 654	6 334,254	69 746,413	11,011	10,540
36	60	93 119	5 831,540	63 412,159	10,874	10,403
37	61	92 535	5 365,700	57 580,619	10,731	10,260
38	62	91 931	4 935,814	52 214,919	10,579	10,108
39	63	91 276	4 537,659	47 279,105	10,419	9,948
40	64	90 576	4 169,316	42 741,446	10,251	9,780
41	65	89 803	3 827,529	38 572,129	10,078	9,607
42	66	88 966	3 510,957	34 744,600	9,896	9,425
43	67	88 057	3 217,687	31 233,643	9,707	9,236
44	68	87 061	2 945,625	28 015,956	9,511	9,040
45	69	86 017	2 694,723	25 070,331	9,303	8,832
46	70	84 882	2 462,194	22 375,608	9,088	8,617
47	71	83 665	2 247,113	19 913,414	8,862	8,391
48	72	82 339	2 047,697	17 666,301	8,627	8,156
49	73	80 927	1 863,491	15 618,604	8,381	7,910
50	74	79 423	1 693,394	13 755,112	8,123	7,652
51	75	77 790	1 535,711	12 061,718	7,854	7,383
52	76	76 012	1 389,456	10 526,007	7,576	7,105
53	77	74 024	1 252,884	9 136,550	7,292	6,821
54	78	71 853	1 126,069	7 883,666	7,001	6,530
55	79	69 445	1 007,709	6 757,597	6,706	6,235
56	80	66 746	896,796	5 749,888	6,412	5,941
57	81	63 744	793,021	4 853,091	6,120	5,649
58	82	60 476	696,631	4 060,071	5,828	5,357
59	83	56 946	607,387	3 363,439	5,538	5,067
60	84	53 143	524,830	2 756,053	5,251	4,780
61	85	49 073	448,736	2 231,222	4,972	4,501
62	86	44 786	379,198	1 782,486	4,701	4,230
63	87	40 309	316,014	1 403,288	4,441	3,970
64	88	35 757	259,560	1 087,274	4,189	3,718
65	89	31 199	209,700	827,715	3,947	3,476
66	90	26 698	166,153	618,015	3,720	3,249
67	91	22 376	128,944	451,862	3,504	3,033
68	92	18 298	97,629	322,918	3,308	2,837
69	93	14 588	72,069	225,289	3,126	2,655
70	94	11 298	51,682	153,221	2,965	2,494
71	95	8 447	35,779	101,539	2,838	2,367
72	96	6 189	24,272	65,760	2,709	2,238
73	97	4 403	15,988	41,488	2,595	2,124
74	98	3 093	10,400	25,499	2,452	1,981
75	99	2 084	6,488	15,099	2,327	1,856
76	100	1 348	3,885	8,611	2,217	1,746

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = -25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0	25	99 395	99 394,953	1 307 545,703	13,155	12,684
1	26	99 024	91 688,863	1 208 150,750	13,177	12,706
2	27	98 978	84 857,455	1 116 461,887	13,157	12,686
3	28	98 941	78 542,303	1 031 604,432	13,134	12,663
4	29	98 903	72 696,857	953 062,129	13,110	12,639
5	30	98 866	67 286,681	880 365,272	13,084	12,613
6	31	98 828	62 278,113	813 078,591	13,056	12,585
7	32	98 786	57 640,535	750 800,478	13,026	12,555
8	33	98 743	53 347,851	693 159,943	12,993	12,522
9	34	98 700	49 374,549	639 812,092	12,958	12,487
10	35	98 653	45 695,619	590 437,543	12,921	12,450
11	36	98 606	42 290,476	544 741,924	12,881	12,410
12	37	98 551	39 135,994	502 451,447	12,839	12,368
13	38	98 498	36 217,516	463 315,453	12,793	12,322
14	39	98 431	33 511,892	427 097,937	12,745	12,274
15	40	98 360	31 007,300	393 586,044	12,693	12,222
16	41	98 279	28 686,665	362 578,744	12,639	12,168
17	42	98 179	26 534,628	333 892,079	12,583	12,112
18	43	98 068	24 541,514	307 357,451	12,524	12,053
19	44	97 943	22 694,471	282 815,937	12,462	11,991
20	45	97 802	20 983,200	260 121,465	12,397	11,926
21	46	97 649	19 398,537	239 138,266	12,328	11,857
22	47	97 481	17 930,779	219 739,729	12,255	11,784
23	48	97 298	16 571,296	201 808,950	12,178	11,707
24	49	97 098	15 312,214	185 237,654	12,097	11,626
25	50	96 875	14 145,452	169 925,440	12,013	11,542
26	51	96 637	13 065,540	155 779,988	11,923	11,452
27	52	96 378	12 065,282	142 714,447	11,829	11,357
28	53	96 091	11 138,247	130 649,166	11,730	11,259
29	54	95 779	10 279,707	119 510,919	11,626	11,155
30	55	95 436	9 484,167	109 231,212	11,517	11,046
31	56	95 065	8 747,496	99 747,045	11,403	10,932
32	57	94 656	8 064,667	90 999,549	11,284	10,813
33	58	94 212	7 432,263	82 934,882	11,159	10,688
34	59	93 730	6 846,508	75 502,619	11,028	10,557
35	60	93 202	6 303,660	68 656,111	10,891	10,420
36	61	92 617	5 800,102	62 352,452	10,750	10,279
37	62	92 017	5 335,678	56 552,349	10,599	10,128
38	63	91 372	4 905,821	51 216,671	10,440	9,969
39	64	90 675	4 507,782	46 310,850	10,274	9,802
40	65	89 916	4 138,933	41 803,069	10,100	9,629
41	66	89 084	3 796,863	37 664,135	9,920	9,449
42	67	88 189	3 480,287	33 867,273	9,731	9,260
43	68	87 204	3 186,493	30 386,985	9,536	9,065
44	69	86 171	2 915,536	27 200,492	9,330	8,858
45	70	85 056	2 664,617	24 284,956	9,114	8,643
46	71	83 848	2 432,196	21 620,339	8,889	8,418
47	72	82 544	2 217,024	19 188,143	8,655	8,184
48	73	81 153	2 018,191	16 971,120	8,409	7,938
49	74	79 674	1 834,639	14 952,929	8,150	7,679
50	75	78 064	1 664,423	13 118,289	7,882	7,411
51	76	76 306	1 506,429	11 453,866	7,603	7,132
52	77	74 353	1 359,130	9 947,437	7,319	6,848
53	78	72 214	1 222,249	8 588,307	7,027	6,556
54	79	69 834	1 094,426	7 366,058	6,731	6,259
55	80	67 159	974,532	6 271,632	6,436	5,964
56	81	64 182	862,352	5 297,100	6,143	5,672
57	82	60 935	758,078	4 434,748	5,850	5,379
58	83	57 431	661,562	3 676,670	5,558	5,087
59	84	53 639	572,109	3 015,108	5,270	4,799
60	85	49 570	489,551	2 442,999	4,990	4,519
61	86	45 283	414,084	1 953,449	4,718	4,246
62	87	40 804	345,485	1 539,365	4,456	3,985
63	88	36 230	284,036	1 193,880	4,203	3,732
64	89	31 651	229,756	909,844	3,960	3,489
65	90	27 115	182,246	680,088	3,732	3,261
66	91	22 748	141,573	497,842	3,516	3,045
67	92	18 632	107,367	356,268	3,318	2,847
68	93	14 866	79,318	248,902	3,138	2,667
69	94	11 536	56,992	169,584	2,976	2,505
70	95	8 641	39,527	112,592	2,848	2,377
71	96	6 344	26,869	73,064	2,719	2,248
72	97	4 521	17,731	46,195	2,605	2,134
73	98	3 183	11,559	28,464	2,463	1,992
74	99	2 150	7,231	16,905	2,338	1,867
75	100	1 395	4,344	9,675	2,227	1,756

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 1 Jahr

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1	0	99 645	92 264,204	1 230 857,531	13,341	12,870
2	1	99 313	85 144,874	1 138 593,326	13,372	12,901
3	2	99 275	78 807,337	1 053 448,452	13,367	12,896
4	3	99 250	72 951,674	974 641,116	13,360	12,889
5	4	99 227	67 531,965	901 689,442	13,352	12,881
6	5	99 208	62 518,019	834 157,477	13,343	12,872
7	6	99 191	57 876,711	771 639,458	13,332	12,861
8	7	99 176	53 581,508	713 762,747	13,321	12,850
9	8	99 163	49 606,020	660 181,239	13,308	12,837
10	9	99 149	45 924,963	610 575,219	13,295	12,824
11	10	99 135	42 517,092	564 650,255	13,281	12,810
12	11	99 120	39 361,830	522 133,163	13,265	12,794
13	12	99 105	36 440,569	482 771,333	13,248	12,777
14	13	99 087	33 735,371	446 330,764	13,230	12,759
15	14	99 067	31 230,005	412 595,393	13,212	12,740
16	15	99 042	28 909,291	381 365,388	13,192	12,721
17	16	99 004	26 757,620	352 456,097	13,172	12,701
18	17	98 961	24 764,815	325 698,477	13,152	12,681
19	18	98 908	22 918,237	300 933,662	13,131	12,660
20	19	98 847	21 207,410	278 015,425	13,109	12,638
21	20	98 783	19 623,851	256 808,015	13,087	12,615
22	21	98 721	18 158,744	237 184,164	13,062	12,591
23	22	98 660	16 803,286	219 025,420	13,035	12,564
24	23	98 598	15 548,762	202 222,135	13,006	12,535
25	24	98 528	14 386,920	186 673,372	12,975	12,504
26	25	98 464	13 312,555	172 286,452	12,942	12,471
27	26	98 399	12 318,302	158 973,897	12,906	12,434
28	27	98 328	11 397,598	146 655,595	12,867	12,396
29	28	98 256	10 545,592	135 257,996	12,826	12,355
30	29	98 175	9 756,412	124 712,404	12,783	12,312
31	30	98 093	9 026,174	114 955,992	12,736	12,265
32	31	97 997	8 349,336	105 929,818	12,687	12,216
33	32	97 897	7 722,985	97 580,482	12,635	12,164
34	33	97 793	7 143,354	89 857,498	12,579	12,108
35	34	97 680	6 606,538	82 714,143	12,520	12,049
36	35	97 555	6 109,344	76 107,606	12,458	11,987
37	36	97 429	5 649,506	69 998,262	12,390	11,919
38	37	97 292	5 223,672	64 348,756	12,319	11,848
39	38	97 145	4 829,434	59 125,084	12,243	11,772
40	39	96 983	4 464,202	54 295,650	12,162	11,691
41	40	96 803	4 125,866	49 831,449	12,078	11,607
42	41	96 609	3 812,597	45 705,583	11,988	11,517
43	42	96 392	3 522,233	41 892,986	11,894	11,423
44	43	96 154	3 253,284	38 370,752	11,794	11,323
45	44	95 895	3 004,186	35 117,468	11,690	11,218
46	45	95 601	2 773,135	32 113,282	11,580	11,109
47	46	95 286	2 559,259	29 340,147	11,464	10,993
48	47	94 929	2 360,792	26 780,888	11,344	10,873
49	48	94 529	2 176,707	24 420,096	11,219	10,748
50	49	94 081	2 005,913	22 243,389	11,089	10,618
51	50	93 580	1 847,441	20 237,476	10,954	10,483
52	51	93 035	1 700,631	18 390,035	10,814	10,343
53	52	92 418	1 564,227	16 689,405	10,669	10,198
54	53	91 732	1 437,598	15 125,178	10,521	10,050
55	54	90 971	1 320,071	13 687,580	10,369	9,898
56	55	90 140	1 211,117	12 367,508	10,212	9,741
57	56	89 227	1 110,055	11 156,391	10,050	9,579
58	57	88 234	1 016,387	10 046,336	9,884	9,413
59	58	87 140	929,430	9 029,949	9,716	9,245
60	59	85 953	848,862	8 100,519	9,543	9,072
61	60	84 679	774,333	7 251,656	9,365	8,894
62	61	83 297	705,274	6 477,323	9,184	8,713
63	62	81 827	641,503	5 772,049	8,998	8,527
64	63	80 267	582,660	5 130,545	8,805	8,334
65	64	78 600	528,296	4 547,885	8,609	8,138
66	65	76 828	478,136	4 019,589	8,407	7,936
67	66	74 967	431,993	3 541,453	8,198	7,727
68	67	72 978	389,381	3 109,460	7,986	7,515
69	68	70 918	350,365	2 720,080	7,764	7,293
70	69	68 746	314,472	2 369,715	7,536	7,064
71	70	66 455	281,474	2 055,243	7,302	6,831
72	71	64 044	251,169	1 773,769	7,062	6,591
73	72	61 534	223,450	1 522,600	6,814	6,343
74	73	58 931	198,147	1 299,150	6,556	6,085
75	74	56 225	175,044	1 101,003	6,290	5,819
76	75	53 382	153,883	925,959	6,017	5,546
77	76	50 393	134,507	772,076	5,740	5,269
78	77	47 260	116,799	637,569	5,459	4,988
79	78	43 972	100,624	520,770	5,175	4,704
80	79	40 502	85,818	420,146	4,896	4,425
81	80	36 874	72,343	334,328	4,621	4,150
82	81	33 099	60,126	261,984	4,357	3,886
83	82	29 275	49,240	201,858	4,099	3,628
84	83	25 443	39,626	152,618	3,851	3,380
85	84	21 681	31,265	112,992	3,614	3,143
86	85	18 049	24,100	81,727	3,391	2,920
87	86	14 656	18,120	57,627	3,180	2,709
88	87	11 578	13,253	39,506	2,981	2,510
89	88	8 871	9,403	26,253	2,792	2,321
90	89	6 577	6,455	16,850	2,611	2,140
91	90	4 689	4,261	10,396	2,440	1,968
92	91	3 187	2,682	6,134	2,288	1,817
93	92	2 059	1,604	3,453	2,153	1,682
94	93	1 265	0,912	1,849	2,027	1,556
95	94	727	0,485	0,937	1,930	1,459
96	95	397	0,245	0,451	1,840	1,368
97	96	205	0,117	0,206	1,756	1,285
98	97	99	0,053	0,089	1,689	1,218
99	98	46	0,022	0,036	1,613	1,142
100	99	20	0,009	0,014	1,548	1,077

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 2 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2	0	99 618	85 406,548	1 139 137,581	13,338	12,867
3	1	99 297	78 825,550	1 053 731,033	13,368	12,897
4	2	99 262	72 960,362	974 905,483	13,362	12,891
5	3	99 238	67 540,012	901 945,122	13,354	12,883
6	4	99 217	62 523,705	834 405,110	13,345	12,874
7	5	99 198	57 881,052	771 881,406	13,336	12,865
8	6	99 182	53 585,035	714 000,354	13,325	12,854
9	7	99 168	49 608,466	660 415,319	13,313	12,842
10	8	99 155	45 927,807	610 806,853	13,299	12,828
11	9	99 141	42 519,844	564 879,046	13,285	12,814
12	10	99 126	39 364,163	522 359,203	13,270	12,799
13	11	99 112	36 443,283	482 995,040	13,253	12,782
14	12	99 095	33 738,041	446 551,757	13,236	12,765
15	13	99 075	31 232,682	412 813,717	13,217	12,746
16	14	99 052	28 912,325	381 581,034	13,198	12,727
17	15	99 016	26 760,968	352 668,709	13,178	12,707
18	16	98 975	24 768,310	325 907,741	13,158	12,687
19	17	98 923	22 921,594	301 139,432	13,138	12,667
20	18	98 867	21 211,729	278 217,838	13,116	12,645
21	19	98 802	19 627,640	257 006,109	13,094	12,623
22	20	98 739	18 162,107	237 378,469	13,070	12,599
23	21	98 676	16 806,068	219 216,363	13,044	12,573
24	22	98 615	15 551,453	202 410,294	13,016	12,544
25	23	98 550	14 390,043	186 858,841	12,985	12,514
26	24	98 481	13 314,813	172 468,798	12,953	12,482
27	25	98 418	12 320,599	159 153,985	12,918	12,447
28	26	98 347	11 399,816	146 833,386	12,880	12,409
29	27	98 278	10 547,896	135 433,569	12,840	12,369
30	28	98 200	9 758,846	124 885,674	12,797	12,326
31	29	98 119	9 028,510	115 126,828	12,751	12,280
32	30	98 026	8 351,816	106 098,317	12,704	12,233
33	31	97 928	7 725,451	97 746,501	12,653	12,181
34	32	97 827	7 145,834	90 021,051	12,598	12,127
35	33	97 715	6 608,891	82 875,216	12,540	12,069
36	34	97 593	6 111,734	76 266,326	12,479	12,008
37	35	97 468	5 651,780	70 154,592	12,413	11,942
38	36	97 338	5 226,122	64 502,811	12,342	11,871
39	37	97 190	4 831,657	59 276,689	12,268	11,797
40	38	97 039	4 466,818	54 445,031	12,189	11,718
41	39	96 861	4 128,325	49 978,214	12,106	11,635
42	40	96 675	3 815,186	45 849,888	12,018	11,547
43	41	96 465	3 524,922	42 034,702	11,925	11,454
44	42	96 234	3 255,986	38 509,780	11,827	11,356
45	43	95 981	3 006,892	35 253,793	11,724	11,253
46	44	95 699	2 775,967	32 246,902	11,616	11,145
47	45	95 392	2 562,108	29 470,935	11,503	11,032
48	46	95 050	2 363,794	26 908,827	11,384	10,913
49	47	94 664	2 179,832	24 545,033	11,260	10,789
50	48	94 231	2 009,127	22 365,201	11,132	10,661
51	49	93 750	1 850,793	20 356,075	10,999	10,528
52	50	93 218	1 703,989	18 505,281	10,860	10,389
53	51	92 623	1 567,690	16 801,293	10,717	10,246
54	52	91 958	1 441,136	15 233,603	10,571	10,100
55	53	91 221	1 323,689	13 792,467	10,420	9,949
56	54	90 412	1 214,773	12 468,778	10,264	9,793
57	55	89 524	1 113,745	11 254,004	10,105	9,634
58	56	88 555	1 020,079	10 140,259	9,941	9,470
59	57	87 489	933,156	9 120,180	9,773	9,302
60	58	86 334	852,623	8 187,025	9,602	9,131
61	59	85 090	778,092	7 334,402	9,426	8,955
62	60	83 749	709,097	6 556,310	9,246	8,775
63	61	82 287	645,113	5 847,213	9,064	8,593
64	62	80 757	586,222	5 202,100	8,874	8,403
65	63	79 121	531,798	4 615,878	8,680	8,209
66	64	77 392	481,646	4 084,081	8,479	8,008
67	65	75 572	435,482	3 602,435	8,272	7,801
68	66	73 621	392,812	3 166,953	8,062	7,591
69	67	71 613	353,794	2 774,141	7,841	7,370
70	68	69 455	317,717	2 420,346	7,618	7,147
71	69	67 205	284,654	2 102,629	7,387	6,916
72	70	64 834	254,267	1 817,974	7,150	6,679
73	71	62 369	226,483	1 563,707	6,904	6,433
74	72	59 793	201,044	1 337,224	6,651	6,180
75	73	57 109	177,797	1 136,181	6,390	5,919
76	74	54 311	156,562	958,384	6,121	5,650
77	75	51 373	137,121	801,822	5,848	5,377
78	76	48 314	119,405	664,701	5,567	5,096
79	77	45 074	103,146	545,296	5,287	4,816
80	78	41 673	88,300	442,150	5,007	4,536
81	79	38 130	74,806	353,850	4,730	4,259
82	80	34 421	62,528	279,044	4,463	3,992
83	81	30 624	51,510	216,516	4,203	3,732
84	82	26 792	41,726	165,006	3,954	3,483
85	83	23 018	33,193	123,280	3,714	3,243
86	84	19 350	25,837	90,087	3,487	3,016
87	85	15 883	19,637	64,250	3,272	2,801
88	86	12 707	14,547	44,613	3,067	2,596
89	87	9 869	10,461	30,067	2,874	2,403
90	88	7 430	7,292	19,605	2,689	2,218
91	89	5 396	4,903	12,314	2,511	2,040
92	90	3 740	3,147	7,410	2,355	1,884
93	91	2 472	1,926	4,263	2,213	1,742
94	92	1 557	1,123	2,337	2,081	1,610
95	93	919	0,614	1,214	1,978	1,507
96	94	519	0,321	0,600	1,871	1,400
97	95	273	0,156	0,279	1,788	1,317
98	96	136	0,072	0,123	1,713	1,242
99	97	63	0,031	0,051	1,651	1,180
100	98	28	0,013	0,020	1,580	1,109

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 3 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3	0	99 603	79 067,803	1 054 230,971	13,333	12,862
4	1	99 285	72 977,223	975 163,168	13,363	12,892
5	2	99 250	67 548,055	902 185,945	13,356	12,885
6	3	99 229	62 531,155	834 637,890	13,348	12,877
7	4	99 207	57 886,315	772 106,735	13,338	12,867
8	5	99 190	53 589,054	714 220,420	13,328	12,857
9	6	99 174	49 611,731	660 631,365	13,316	12,845
10	7	99 160	45 930,071	611 019,634	13,303	12,832
11	8	99 147	42 522,476	565 089,563	13,289	12,818
12	9	99 132	39 366,710	522 567,087	13,274	12,803
13	10	99 118	36 445,443	483 200,377	13,258	12,787
14	11	99 103	33 740,554	446 754,935	13,241	12,770
15	12	99 083	31 235,153	413 014,381	13,223	12,752
16	13	99 060	28 914,804	381 779,227	13,204	12,733
17	14	99 026	26 763,776	352 864,424	13,184	12,713
18	15	98 987	24 771,408	326 100,648	13,164	12,693
19	16	98 937	22 924,828	301 329,239	13,144	12,673
20	17	98 881	21 214,836	278 404,411	13,123	12,652
21	18	98 822	19 631,637	257 189,575	13,101	12,630
22	19	98 758	18 165,613	237 557,938	13,077	12,606
23	20	98 694	16 809,181	219 392,325	13,052	12,581
24	21	98 631	15 554,028	202 583,144	13,024	12,553
25	22	98 567	14 392,533	187 029,115	12,995	12,524
26	23	98 502	13 317,703	172 636,582	12,963	12,492
27	24	98 434	12 322,689	159 318,879	12,929	12,458
28	25	98 366	11 401,942	146 996,190	12,892	12,421
29	26	98 297	10 549,949	135 594,248	12,853	12,382
30	27	98 221	9 760,978	125 044,299	12,811	12,340
31	28	98 143	9 030,763	115 283,321	12,766	12,295
32	29	98 051	8 353,978	106 252,559	12,719	12,248
33	30	97 957	7 727,745	97 898,581	12,668	12,197
34	31	97 859	7 148,116	90 170,836	12,615	12,144
35	32	97 749	6 611,185	83 022,720	12,558	12,087
36	33	97 628	6 113,911	76 411,535	12,498	12,027
37	34	97 507	5 653,992	70 297,624	12,433	11,962
38	35	97 377	5 228,227	64 643,632	12,364	11,893
39	36	97 236	4 833,924	59 415,405	12,291	11,820
40	37	97 084	4 468,874	54 581,481	12,214	11,743
41	38	96 918	4 130,745	50 112,607	12,132	11,661
42	39	96 732	3 817,460	45 981,862	12,045	11,574
43	40	96 531	3 527,316	42 164,402	11,954	11,483
44	41	96 307	3 258,472	38 637,086	11,857	11,386
45	42	96 061	3 009,389	35 378,614	11,756	11,285
46	43	95 785	2 778,467	32 369,225	11,650	11,179
47	44	95 490	2 564,724	29 590,758	11,538	11,067
48	45	95 155	2 366,425	27 026,034	11,421	10,950
49	46	94 785	2 182,603	24 659,608	11,298	10,827
50	47	94 367	2 012,011	22 477,005	11,171	10,700
51	48	93 900	1 853,758	20 464,994	11,040	10,569
52	49	93 388	1 707,081	18 611,236	10,902	10,431
53	50	92 806	1 570,785	16 904,155	10,762	10,291
54	51	92 161	1 444,326	15 333,370	10,616	10,145
55	52	91 445	1 326,947	13 889,043	10,467	9,996
56	53	90 660	1 218,103	12 562,096	10,313	9,842
57	54	89 794	1 117,107	11 343,993	10,155	9,684
58	55	88 849	1 023,470	10 226,886	9,992	9,521
59	56	87 807	936,545	9 203,416	9,827	9,356
60	57	86 680	856,040	8 266,871	9,657	9,186
61	58	85 467	781,539	7 410,831	9,482	9,011
62	59	84 155	712,539	6 629,292	9,304	8,833
63	60	82 733	648,609	5 916,754	9,122	8,651
64	61	81 212	589,521	5 268,144	8,936	8,465
65	62	79 604	535,049	4 678,624	8,744	8,273
66	63	77 905	484,838	4 143,575	8,546	8,075
67	64	76 127	438,679	3 658,736	8,340	7,869
68	65	74 215	395,985	3 220,057	8,132	7,661
69	66	72 244	356,912	2 824,073	7,913	7,441
70	67	70 135	320,828	2 467,161	7,690	7,219
71	68	67 899	287,592	2 146,333	7,463	6,992
72	69	65 566	257,140	1 858,741	7,229	6,757
73	70	63 138	229,276	1 601,601	6,985	6,514
74	71	60 604	203,772	1 372,325	6,735	6,264
75	72	57 944	180,396	1 168,552	6,478	6,007
76	73	55 166	159,024	988,156	6,214	5,743
77	74	52 267	139,508	829,132	5,943	5,472
78	75	49 253	121,726	689,624	5,665	5,194
79	76	46 080	105,448	567,898	5,386	4,915
80	77	42 718	90,513	462,451	5,109	4,638
81	78	39 232	76,969	371,938	4,832	4,361
82	79	35 593	64,657	294,969	4,562	4,091
83	80	31 847	53,567	230,312	4,299	3,828
84	81	28 027	43,650	176,745	4,049	3,578
85	82	24 238	34,953	133,095	3,808	3,337
86	83	20 543	27,430	98,142	3,578	3,107
87	84	17 028	21,052	70,712	3,359	2,888
88	85	13 771	15,764	49,661	3,150	2,679
89	86	10 833	11,482	33,897	2,952	2,481
90	87	8 266	8,113	22,415	2,763	2,292
91	88	6 096	5,539	14,302	2,582	2,111
92	89	4 304	3,621	8,763	2,420	1,949
93	90	2 902	2,261	5,141	2,274	1,803
94	91	1 869	1,349	2,881	2,136	1,665
95	92	1 131	0,755	1,532	2,028	1,557
96	93	656	0,406	0,777	1,914	1,443
97	94	357	0,204	0,371	1,817	1,346
98	95	181	0,096	0,167	1,742	1,271
99	96	87	0,043	0,071	1,672	1,201
100	97	39	0,018	0,029	1,615	1,144

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 4 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4	0	99 590	73 201,503	975 622,344	13,328	12,857
5	1	99 273	67 563,666	902 420,841	13,357	12,886
6	2	99 241	62 538,602	834 857,175	13,349	12,878
7	3	99 219	57 893,213	772 318,574	13,340	12,869
8	4	99 199	53 593,927	714 425,361	13,330	12,859
9	5	99 182	49 615,452	660 831,433	13,319	12,848
10	6	99 166	45 933,094	611 215,981	13,307	12,836
11	7	99 152	42 524,573	565 282,887	13,293	12,822
12	8	99 138	39 369,147	522 758,314	13,278	12,807
13	9	99 124	36 447,801	483 389,167	13,263	12,791
14	10	99 108	33 742,553	446 941,366	13,246	12,775
15	11	99 091	31 237,480	413 198,813	13,228	12,757
16	12	99 068	28 917,091	381 961,333	13,209	12,738
17	13	99 035	26 766,071	353 044,241	13,190	12,719
18	14	98 997	24 774,008	326 278,171	13,170	12,699
19	15	98 949	22 927,697	301 504,163	13,150	12,679
20	16	98 895	21 217,830	278 576,466	13,129	12,658
21	17	98 837	19 634,512	257 358,636	13,107	12,636
22	18	98 778	18 169,313	237 724,124	13,084	12,613
23	19	98 714	16 812,426	219 554,811	13,059	12,588
24	20	98 649	15 556,909	202 742,385	13,032	12,561
25	21	98 583	14 394,916	187 185,476	13,004	12,533
26	22	98 519	13 320,008	172 790,560	12,972	12,501
27	23	98 456	12 325,363	159 470,552	12,938	12,467
28	24	98 382	11 403,876	147 145,188	12,903	12,432
29	25	98 315	10 551,916	135 741,312	12,864	12,393
30	26	98 240	9 762,878	125 189,396	12,823	12,352
31	27	98 165	9 032,736	115 426,518	12,779	12,308
32	28	98 076	8 356,062	106 393,783	12,733	12,261
33	29	97 983	7 729,746	98 037,721	12,683	12,212
34	30	97 888	7 150,239	90 307,975	12,630	12,159
35	31	97 780	6 613,296	83 157,736	12,574	12,103
36	32	97 662	6 116,033	76 544,440	12,515	12,044
37	33	97 541	5 656,006	70 428,407	12,452	11,981
38	34	97 415	5 230,272	64 772,401	12,384	11,913
39	35	97 275	4 835,870	59 542,129	12,313	11,842
40	36	97 130	4 470,970	54 706,259	12,236	11,765
41	37	96 962	4 132,646	50 235,288	12,156	11,685
42	38	96 789	3 819,698	46 102,642	12,070	11,599
43	39	96 588	3 529,419	42 282,944	11,980	11,509
44	40	96 373	3 260,685	38 753,525	11,885	11,414
45	41	96 134	3 011,686	35 492,840	11,785	11,314
46	42	95 865	2 780,775	32 481,154	11,681	11,210
47	43	95 576	2 567,034	29 700,379	11,570	11,099
48	44	95 252	2 368,841	27 133,345	11,454	10,983
49	45	94 890	2 185,033	24 764,504	11,334	10,863
50	46	94 487	2 014,569	22 579,471	11,208	10,737
51	47	94 035	1 856,420	20 564,902	11,078	10,607
52	48	93 537	1 709,816	18 708,482	10,942	10,471
53	49	92 974	1 573,636	16 998,666	10,802	10,331
54	50	92 343	1 447,178	15 425,031	10,659	10,188
55	51	91 647	1 329,885	13 977,852	10,511	10,040
56	52	90 883	1 221,101	12 647,968	10,358	9,887
57	53	90 040	1 120,169	11 426,867	10,201	9,730
58	54	89 117	1 026,559	10 306,698	10,040	9,569
59	55	88 099	939,658	9 280,138	9,876	9,405
60	56	86 995	859,150	8 340,480	9,708	9,237
61	57	85 810	784,671	7 481,330	9,534	9,063
62	58	84 528	715,695	6 696,659	9,357	8,886
63	59	83 135	651,757	5 980,964	9,177	8,706
64	60	81 652	592,716	5 329,207	8,991	8,520
65	61	80 052	538,059	4 736,491	8,803	8,332
66	62	78 381	487,803	4 198,431	8,607	8,136
67	63	76 632	441,586	3 710,629	8,403	7,932
68	64	74 760	398,892	3 269,042	8,195	7,724
69	65	72 827	359,795	2 870,151	7,977	7,506
70	66	70 753	323,655	2 510,356	7,756	7,285
71	67	68 564	290,407	2 186,701	7,530	7,059
72	68	66 243	259,794	1 896,293	7,299	6,828
73	69	63 852	231,867	1 636,500	7,058	6,587
74	70	61 352	206,286	1 404,633	6,809	6,338
75	71	58 730	182,844	1 198,347	6,554	6,083
76	72	55 972	161,349	1 015,503	6,294	5,823
77	73	53 089	141,702	854,154	6,028	5,557
78	74	50 111	123,845	712,452	5,753	5,282
79	75	46 976	107,497	588,607	5,476	5,005
80	76	43 671	92,533	481,110	5,199	4,728
81	77	40 215	78,898	388,577	4,925	4,454
82	78	36 622	66,526	309,679	4,655	4,184
83	79	32 931	55,391	243,153	4,390	3,919
84	80	29 146	45,393	187,762	4,136	3,665
85	81	25 355	36,564	142,369	3,894	3,423
86	82	21 632	28,884	105,805	3,663	3,192
87	83	18 078	22,350	76,921	3,442	2,971
88	84	14 763	16,900	54,571	3,229	2,758
89	85	11 739	12,443	37,671	3,028	2,557
90	86	9 073	8,904	25,229	2,833	2,362
91	87	6 782	6,163	16,324	2,649	2,178
92	88	4 862	4,091	10,161	2,484	2,013
93	89	3 339	2,601	6,070	2,334	1,863
94	90	2 194	1,583	3,469	2,192	1,721
95	91	1 358	0,907	1,886	2,079	1,608
96	92	808	0,499	0,979	1,960	1,489
97	93	451	0,258	0,480	1,857	1,386
98	94	236	0,125	0,221	1,768	1,297
99	95	115	0,057	0,096	1,699	1,228
100	96	53	0,024	0,040	1,634	1,163

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 5 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5	0	99 578	67 771,308	902 842,539	13,322	12,851
6	1	99 264	62 553,055	835 071,231	13,350	12,879
7	2	99 231	57 900,107	772 518,176	13,342	12,871
8	3	99 210	53 600,313	714 618,069	13,332	12,861
9	4	99 191	49 619,964	661 017,756	13,322	12,851
10	5	99 174	45 936,539	611 397,791	13,310	12,839
11	6	99 158	42 527,372	565 461,252	13,296	12,825
12	7	99 143	39 371,088	522 933,880	13,282	12,811
13	8	99 130	36 450,058	483 562,792	13,266	12,795
14	9	99 115	33 744,737	447 112,734	13,250	12,779
15	10	99 096	31 239,331	413 367,998	13,232	12,761
16	11	99 076	28 919,245	382 128,666	13,214	12,743
17	12	99 043	26 768,188	353 209,421	13,195	12,724
18	13	99 006	24 776,132	326 441,233	13,176	12,705
19	14	98 959	22 930,103	301 665,101	13,156	12,685
20	15	98 908	21 220,484	278 734,998	13,135	12,664
21	16	98 851	19 637,283	257 514,514	13,114	12,643
22	17	98 793	18 171,974	237 877,230	13,090	12,619
23	18	98 734	16 815,850	219 705,257	13,065	12,594
24	19	98 668	15 559,913	202 889,406	13,039	12,568
25	20	98 601	14 397,582	187 329,494	13,011	12,540
26	21	98 536	13 322,213	172 931,911	12,981	12,510
27	22	98 473	12 327,497	159 609,698	12,947	12,476
28	23	98 404	11 406,351	147 282,201	12,912	12,441
29	24	98 332	10 553,706	135 875,850	12,875	12,404
30	25	98 259	9 764,698	125 322,144	12,834	12,363
31	26	98 184	9 034,494	115 557,446	12,791	12,320
32	27	98 097	8 357,887	106 522,952	12,745	12,274
33	28	98 007	7 731,674	98 165,065	12,696	12,225
34	29	97 913	7 152,090	90 433,391	12,644	12,173
35	30	97 809	6 615,260	83 281,301	12,589	12,118
36	31	97 693	6 117,986	76 666,041	12,531	12,060
37	32	97 575	5 657,969	70 548,055	12,469	11,998
38	33	97 450	5 232,135	64 890,086	12,402	11,931
39	34	97 313	4 837,762	59 657,950	12,332	11,861
40	35	97 169	4 472,771	54 820,188	12,256	11,785
41	36	97 008	4 134,585	50 347,417	12,177	11,706
42	37	96 834	3 821,456	46 212,832	12,093	11,622
43	38	96 645	3 531,487	42 391,376	12,004	11,533
44	39	96 430	3 262,629	38 859,889	11,911	11,440
45	40	96 200	3 013,732	35 597,261	11,812	11,341
46	41	95 938	2 782,898	32 583,529	11,708	11,237
47	42	95 655	2 569,166	29 800,631	11,599	11,128
48	43	95 338	2 370,975	27 231,465	11,485	11,014
49	44	94 987	2 187,264	24 860,490	11,366	10,895
50	45	94 592	2 016,812	22 673,226	11,242	10,771
51	46	94 154	1 858,780	20 656,414	11,113	10,642
52	47	93 672	1 712,270	18 797,635	10,978	10,507
53	48	93 123	1 576,157	17 085,364	10,840	10,369
54	49	92 511	1 449,805	15 509,207	10,697	10,226
55	50	91 828	1 332,511	14 059,403	10,551	10,080
56	51	91 084	1 223,804	12 726,892	10,399	9,928
57	52	90 262	1 122,926	11 503,088	10,244	9,773
58	53	89 362	1 029,373	10 380,162	10,084	9,613
59	54	88 365	942,495	9 350,789	9,921	9,450
60	55	87 284	862,006	8 408,294	9,754	9,283
61	56	86 121	787,521	7 546,288	9,582	9,111
62	57	84 867	718,564	6 758,767	9,406	8,935
63	58	83 503	654,645	6 040,203	9,227	8,756
64	59	82 048	595,593	5 385,559	9,042	8,571
65	60	80 486	540,976	4 789,966	8,854	8,383
66	61	78 822	490,547	4 248,990	8,662	8,191
67	62	77 100	444,286	3 758,443	8,460	7,988
68	63	75 256	401,535	3 314,157	8,254	7,783
69	64	73 362	362,436	2 912,621	8,036	7,565
70	65	71 325	326,269	2 550,185	7,816	7,345
71	66	69 168	292,966	2 223,916	7,591	7,120
72	67	66 891	262,337	1 930,949	7,361	6,890
73	68	64 511	234,260	1 668,613	7,123	6,652
74	69	62 045	208,616	1 434,353	6,876	6,405
75	70	59 455	185,100	1 225,737	6,622	6,151
76	71	56 732	163,539	1 040,637	6,363	5,892
77	72	53 865	143,773	877,098	6,101	5,630
78	73	50 899	125,792	733,325	5,830	5,359
79	74	47 794	109,369	607,532	5,555	5,084
80	75	44 520	94,331	498,164	5,281	4,810
81	76	41 113	80,659	403,833	5,007	4,536
82	77	37 540	68,193	323,174	4,739	4,268
83	78	33 884	56,992	254,980	4,474	4,003
84	79	30 139	46,939	197,988	4,218	3,747
85	80	26 368	38,024	151,049	3,972	3,501
86	81	22 629	30,215	113,025	3,741	3,270
87	82	19 036	23,535	82,810	3,519	3,048
88	83	15 673	17,942	59,275	3,304	2,833
89	84	12 585	13,340	41,333	3,099	2,627
90	85	9 832	9,650	27,993	2,901	2,430
91	86	7 444	6,764	18,344	2,712	2,241
92	87	5 409	4,552	11,579	2,544	2,073
93	88	3 772	2,939	7,028	2,392	1,921
94	89	2 525	1,821	4,089	2,245	1,774
95	90	1 594	1,065	2,268	2,130	1,659
96	91	970	0,600	1,203	2,006	1,535
97	92	555	0,318	0,604	1,899	1,428
98	93	299	0,158	0,286	1,805	1,334
99	94	151	0,074	0,127	1,723	1,252
100	95	71	0,032	0,054	1,659	1,188

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 6 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6	0	99 569	62 745,298	835 458,485	13,315	12,844
7	1	99 254	57 913,489	772 713,187	13,343	12,871
8	2	99 222	53 606,697	714 799,698	13,334	12,863
9	3	99 202	49 625,877	661 193,002	13,324	12,853
10	4	99 183	45 940,717	611 567,125	13,312	12,841
11	5	99 166	42 530,562	565 626,408	13,299	12,828
12	6	99 150	39 373,680	523 095,847	13,285	12,814
13	7	99 135	36 451,855	483 722,167	13,270	12,799
14	8	99 121	33 746,826	447 270,312	13,254	12,783
15	9	99 103	31 241,353	413 523,486	13,236	12,765
16	10	99 082	28 920,959	382 282,134	13,218	12,747
17	11	99 050	26 770,182	353 361,174	13,200	12,729
18	12	99 014	24 778,092	326 590,992	13,181	12,710
19	13	98 968	22 932,069	301 812,900	13,161	12,690
20	14	98 918	21 222,711	278 880,831	13,141	12,670
21	15	98 863	19 639,740	257 658,120	13,119	12,648
22	16	98 807	18 174,538	238 018,380	13,096	12,625
23	17	98 748	16 818,313	219 843,842	13,072	12,601
24	18	98 688	15 563,082	203 025,529	13,045	12,574
25	19	98 621	14 400,362	187 462,447	13,018	12,547
26	20	98 554	13 324,681	173 062,085	12,988	12,517
27	21	98 489	12 329,538	159 737,404	12,956	12,485
28	22	98 421	11 408,325	147 407,866	12,921	12,450
29	23	98 353	10 555,996	135 999,541	12,884	12,413
30	24	98 275	9 766,354	125 443,545	12,844	12,373
31	25	98 202	9 036,178	115 677,190	12,802	12,331
32	26	98 116	8 359,514	106 641,012	12,757	12,286
33	27	98 028	7 733,363	98 281,498	12,709	12,238
34	28	97 937	7 153,874	90 548,135	12,657	12,186
35	29	97 834	6 616,973	83 394,261	12,603	12,132
36	30	97 722	6 119,803	76 777,288	12,546	12,075
37	31	97 606	5 659,776	70 657,485	12,484	12,013
38	32	97 484	5 233,952	64 997,709	12,418	11,947
39	33	97 348	4 839,485	59 763,757	12,349	11,878
40	34	97 207	4 474,521	54 924,272	12,275	11,804
41	35	97 047	4 136,250	50 449,751	12,197	11,726
42	36	96 879	3 823,249	46 313,502	12,114	11,643
43	37	96 689	3 533,113	42 490,253	12,026	11,555
44	38	96 487	3 264,541	38 957,140	11,933	11,462
45	39	96 257	3 015,528	35 692,599	11,836	11,365
46	40	96 003	2 784,788	32 677,071	11,734	11,263
47	41	95 728	2 571,128	29 892,283	11,626	11,155
48	42	95 417	2 372,944	27 321,156	11,514	11,043
49	43	95 073	2 189,234	24 948,211	11,396	10,925
50	44	94 688	2 018,871	22 758,978	11,273	10,802
51	45	94 259	1 860,849	20 740,107	11,146	10,674
52	46	93 791	1 714,447	18 879,258	11,012	10,541
53	47	93 257	1 578,420	17 164,810	10,875	10,404
54	48	92 659	1 452,127	15 586,391	10,733	10,262
55	49	91 995	1 334,929	14 134,263	10,588	10,117
56	50	91 264	1 226,220	12 799,334	10,438	9,967
57	51	90 462	1 125,412	11 573,114	10,283	9,812
58	52	89 581	1 031,906	10 447,702	10,125	9,654
59	53	88 607	945,078	9 415,796	9,963	9,492
60	54	87 548	864,608	8 470,718	9,797	9,326
61	55	86 408	790,139	7 606,110	9,626	9,155
62	56	85 175	721,174	6 815,971	9,451	8,980
63	57	83 838	657,269	6 094,797	9,273	8,802
64	58	82 412	598,231	5 437,528	9,089	8,618
65	59	80 877	543,601	4 839,297	8,902	8,431
66	60	79 249	493,206	4 295,695	8,710	8,239
67	61	77 534	446,786	3 802,489	8,511	8,040
68	62	75 716	403,990	3 355,703	8,306	7,835
69	63	73 848	364,838	2 951,713	8,090	7,619
70	64	71 848	328,664	2 586,875	7,871	7,400
71	65	69 727	295,333	2 258,210	7,646	7,175
72	66	67 481	264,649	1 962,878	7,417	6,946
73	67	65 142	236,553	1 698,229	7,179	6,708
74	68	62 685	210,769	1 461,676	6,935	6,464
75	69	60 127	187,191	1 250,907	6,683	6,211
76	70	57 431	165,556	1 063,716	6,425	5,954
77	71	54 596	145,725	898,160	6,163	5,692
78	72	51 643	127,632	752,435	5,895	5,424
79	73	48 545	111,088	624,804	5,624	5,153
80	74	45 295	95,973	513,715	5,353	4,882
81	75	41 912	82,227	417,742	5,080	4,609
82	76	38 377	69,715	335,515	4,813	4,342
83	77	34 733	58,421	265,800	4,550	4,079
84	78	31 010	48,296	207,380	4,294	3,823
85	79	27 266	39,319	159,084	4,046	3,575
86	80	23 533	31,422	119,765	3,811	3,340
87	81	19 913	24,619	88,343	3,588	3,117
88	82	16 504	18,893	63,723	3,373	2,902
89	83	13 361	14,162	44,830	3,166	2,694
90	84	10 541	10,345	30,668	2,965	2,493
91	85	8 067	7,331	20,323	2,772	2,301
92	86	5 937	4,996	12,993	2,601	2,130
93	87	4 196	3,269	7,997	2,446	1,975
94	88	2 852	2,057	4,728	2,298	1,827
95	89	1 834	1,225	2,670	2,180	1,708
96	90	1 138	0,704	1,445	2,053	1,582
97	91	667	0,382	0,741	1,941	1,470
98	92	367	0,195	0,359	1,844	1,373
99	93	191	0,094	0,164	1,757	1,286
100	94	93	0,042	0,071	1,681	1,210

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 7 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
5						
6						
7	0	99 559	58 091,473	773 068,790	13,308	12,837
8	1	99 245	53 619,086	714 977,317	13,334	12,863
9	2	99 214	49 631,787	661 358,231	13,325	12,854
10	3	99 194	45 946,191	611 726,445	13,314	12,843
11	4	99 175	42 534,429	565 780,254	13,302	12,831
12	5	99 157	39 376,633	523 245,825	13,288	12,817
13	6	99 142	36 454,254	483 869,192	13,273	12,802
14	7	99 126	33 748,490	447 414,937	13,257	12,786
15	8	99 109	31 243,287	413 666,448	13,240	12,769
16	9	99 088	28 922,831	382 423,161	13,222	12,751
17	10	99 056	26 771,769	353 500,330	13,204	12,733
18	11	99 021	24 779,938	326 728,562	13,185	12,714
19	12	98 976	22 933,883	301 948,624	13,166	12,695
20	13	98 927	21 224,531	279 014,741	13,146	12,675
21	14	98 874	19 641,801	257 790,210	13,125	12,654
22	15	98 819	18 176,812	238 148,409	13,102	12,631
23	16	98 762	16 820,686	219 971,596	13,077	12,606
24	17	98 703	15 565,361	203 150,910	13,051	12,580
25	18	98 641	14 403,295	187 585,549	13,024	12,553
26	19	98 573	13 327,253	173 182,254	12,995	12,524
27	20	98 507	12 331,821	159 855,001	12,963	12,492
28	21	98 437	11 410,214	147 523,180	12,929	12,458
29	22	98 370	10 557,823	136 112,965	12,892	12,421
30	23	98 297	9 768,474	125 555,142	12,853	12,382
31	24	98 219	9 037,711	115 786,668	12,812	12,340
32	25	98 135	8 361,073	106 748,957	12,767	12,296
33	26	98 048	7 734,868	98 387,884	12,720	12,249
34	27	97 959	7 155,437	90 653,016	12,669	12,198
35	28	97 859	6 618,623	83 497,579	12,616	12,145
36	29	97 747	6 121,388	76 878,956	12,559	12,088
37	30	97 635	5 661,457	70 757,568	12,498	12,027
38	31	97 515	5 235,623	65 096,111	12,433	11,962
39	32	97 381	4 841,165	59 860,489	12,365	11,894
40	33	97 241	4 476,114	55 019,323	12,292	11,821
41	34	97 085	4 137,868	50 543,209	12,215	11,744
42	35	96 918	3 824,788	46 405,341	12,133	11,662
43	36	96 735	3 534,770	42 580,552	12,046	11,575
44	37	96 531	3 266,044	39 045,782	11,955	11,484
45	38	96 313	3 017,295	35 779,738	11,858	11,387
46	39	96 060	2 786,448	32 762,443	11,758	11,287
47	40	95 793	2 572,874	29 975,996	11,651	11,180
48	41	95 490	2 374,756	27 403,122	11,539	11,068
49	42	95 152	2 191,052	25 028,366	11,423	10,952
50	43	94 774	2 020,689	22 837,314	11,302	10,831
51	44	94 355	1 862,749	20 816,624	11,175	10,704
52	45	93 895	1 716,356	18 953,875	11,043	10,572
53	46	93 376	1 580,426	17 237,519	10,907	10,436
54	47	92 792	1 454,212	15 657,093	10,767	10,296
55	48	92 142	1 337,068	14 202,881	10,622	10,151
56	49	91 429	1 228,446	12 865,813	10,473	10,002
57	50	90 640	1 127,634	11 637,368	10,320	9,849
58	51	89 780	1 034,191	10 509,734	10,162	9,691
59	52	88 825	947,404	9 475,543	10,002	9,531
60	53	87 788	866,977	8 528,139	9,837	9,366
61	54	86 669	792,524	7 661,161	9,667	9,196
62	55	85 458	723,571	6 868,637	9,493	9,022
63	56	84 142	659,656	6 145,066	9,316	8,845
64	57	82 742	600,629	5 485,410	9,133	8,662
65	58	81 235	546,010	4 884,781	8,946	8,475
66	59	79 634	495,600	4 338,771	8,755	8,284
67	60	77 954	449,208	3 843,171	8,555	8,084
68	61	76 142	406,263	3 393,963	8,354	7,883
69	62	74 300	367,069	2 987,700	8,139	7,668
70	63	72 324	330,843	2 620,631	7,921	7,450
71	64	70 238	297,501	2 289,788	7,697	7,226
72	65	68 026	266,786	1 992,288	7,468	6,997
73	66	65 716	238,637	1 725,502	7,231	6,760
74	67	63 299	212,833	1 486,864	6,986	6,515
75	68	60 747	189,123	1 274,031	6,737	6,265
76	69	58 080	167,426	1 084,909	6,480	6,009
77	70	55 270	147,522	917,482	6,219	5,748
78	71	52 344	129,364	769,960	5,952	5,481
79	72	49 255	112,713	640,596	5,683	5,212
80	73	46 007	97,482	527,884	5,415	4,944
81	74	42 641	83,658	430,401	5,145	4,674
82	75	39 123	71,070	346,744	4,879	4,408
83	76	35 508	59,724	275,673	4,616	4,145
84	77	31 787	49,506	215,949	4,362	3,891
85	78	28 054	40,456	166,443	4,114	3,643
86	79	24 334	32,492	125,987	3,877	3,406
87	80	20 709	25,603	93,495	3,652	3,181
88	81	17 265	19,764	67,892	3,435	2,964
89	82	14 069	14,913	48,128	3,227	2,756
90	83	11 191	10,983	33,215	3,024	2,553
91	84	8 648	7,859	22,233	2,829	2,358
92	85	6 434	5,414	14,374	2,655	2,184
93	86	4 606	3,588	8,960	2,497	2,026
94	87	3 173	2,289	5,372	2,347	1,876
95	88	2 072	1,384	3,083	2,227	1,756
96	89	1 310	0,810	1,699	2,097	1,626
97	90	782	0,448	0,889	1,983	1,512
98	91	441	0,234	0,441	1,883	1,411
99	92	235	0,115	0,207	1,793	1,322
100	93	117	0,053	0,091	1,713	1,242

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 8 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
2						
3						
4						
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6						
7						
8	0	99 550	53 783,872	715 303,849	13,300	12,829
9	1	99 237	49 643,257	661 519,977	13,325	12,854
10	2	99 206	45 951,663	611 876,720	13,316	12,845
11	3	99 187	42 539,497	565 925,057	13,304	12,832
12	4	99 166	39 380,214	523 385,560	13,291	12,820
13	5	99 149	36 456,988	484 005,346	13,276	12,805
14	6	99 132	33 750,711	447 548,358	13,260	12,789
15	7	99 114	31 244,827	413 797,646	13,244	12,773
16	8	99 094	28 924,621	382 552,819	13,226	12,755
17	9	99 062	26 773,501	353 628,198	13,208	12,737
18	10	99 027	24 781,406	326 854,697	13,190	12,718
19	11	98 983	22 935,591	302 073,290	13,171	12,699
20	12	98 934	21 226,210	279 137,699	13,151	12,680
21	13	98 882	19 643,485	257 911,489	13,130	12,659
22	14	98 829	18 178,720	238 268,004	13,107	12,636
23	15	98 774	16 822,791	220 089,284	13,083	12,612
24	16	98 717	15 567,557	203 266,493	13,057	12,586
25	17	98 655	14 405,404	187 698,936	13,030	12,559
26	18	98 593	13 329,968	173 293,531	13,000	12,529
27	19	98 526	12 334,202	159 963,564	12,969	12,498
28	20	98 455	11 412,328	147 629,362	12,936	12,465
29	21	98 386	10 559,571	136 217,034	12,900	12,429
30	22	98 314	9 770,165	125 657,462	12,861	12,390
31	23	98 240	9 039,672	115 887,298	12,820	12,349
32	24	98 151	8 362,491	106 847,625	12,777	12,306
33	25	98 066	7 736,311	98 485,135	12,730	12,259
34	26	97 978	7 156,830	90 748,824	12,680	12,209
35	27	97 880	6 620,069	83 591,994	12,627	12,156
36	28	97 772	6 122,915	76 971,925	12,571	12,100
37	29	97 661	5 662,922	70 849,011	12,511	12,040
38	30	97 544	5 237,178	65 186,088	12,447	11,976
39	31	97 413	4 842,711	59 948,910	12,379	11,908
40	32	97 275	4 477,668	55 106,199	12,307	11,836
41	33	97 119	4 139,342	50 628,531	12,231	11,760
42	34	96 956	3 826,285	46 489,189	12,150	11,679
43	35	96 774	3 536,194	42 662,904	12,065	11,594
44	36	96 576	3 267,576	39 126,710	11,974	11,503
45	37	96 358	3 018,684	35 859,135	11,879	11,408
46	38	96 117	2 788,081	32 840,450	11,779	11,308
47	39	95 850	2 574,407	30 052,370	11,674	11,202
48	40	95 555	2 376,369	27 477,962	11,563	11,092
49	41	95 224	2 192,725	25 101,594	11,448	10,977
50	42	94 852	2 022,368	22 908,869	11,328	10,857
51	43	94 440	1 864,427	20 886,501	11,203	10,732
52	44	93 991	1 718,108	19 022,074	11,072	10,600
53	45	93 480	1 582,186	17 303,966	10,937	10,466
54	46	92 910	1 456,061	15 721,780	10,797	10,326
55	47	92 275	1 338,987	14 265,719	10,654	10,183
56	48	91 576	1 230,414	12 926,732	10,506	10,035
57	49	90 805	1 129,680	11 696,318	10,354	9,883
58	50	89 957	1 036,233	10 566,638	10,197	9,726
59	51	89 022	949,501	9 530,405	10,037	9,566
60	52	88 004	869,111	8 580,904	9,873	9,402
61	53	86 906	794,696	7 711,792	9,704	9,233
62	54	85 716	725,756	6 917,096	9,531	9,060
63	55	84 422	661,849	6 191,340	9,355	8,884
64	56	83 043	602,811	5 529,492	9,173	8,702
65	57	81 561	548,198	4 926,681	8,987	8,516
66	58	79 987	497,795	4 378,483	8,796	8,325
67	59	78 332	451,388	3 880,687	8,597	8,126
68	60	76 555	408,465	3 429,299	8,396	7,925
69	61	74 718	369,134	3 020,834	8,184	7,713
70	62	72 766	332,865	2 651,700	7,966	7,495
71	63	70 704	299,472	2 318,834	7,743	7,272
72	64	68 525	268,745	2 019,362	7,514	7,043
73	65	66 247	240,565	1 750,617	7,277	6,806
74	66	63 857	214,708	1 510,052	7,033	6,562
75	67	61 342	190,974	1 295,344	6,783	6,312
76	68	58 680	169,154	1 104,370	6,529	6,058
77	69	55 894	149,189	935,216	6,269	5,798
78	70	52 989	130,959	786,027	6,002	5,531
79	71	49 923	114,242	655,067	5,734	5,263
80	72	46 680	98,908	540,825	5,468	4,997
81	73	43 312	84,974	441,918	5,201	4,730
82	74	39 804	72,307	356,944	4,936	4,465
83	75	36 198	60,885	284,637	4,675	4,204
84	76	32 497	50,611	223,751	4,421	3,950
85	77	28 757	41,470	173,141	4,175	3,704
86	78	25 038	33,431	131,671	3,939	3,467
87	79	21 414	26,474	98,240	3,711	3,240
88	80	17 955	20,554	71,765	3,492	3,021
89	81	14 718	15,600	51,212	3,283	2,812
90	82	11 784	11,565	35,611	3,079	2,608
91	83	9 181	8,343	24,046	2,882	2,411
92	84	6 898	5,804	15,703	2,706	2,235
93	85	4 991	3,889	9,899	2,546	2,075
94	86	3 483	2,512	6,010	2,392	1,921
95	87	2 305	1,540	3,498	2,272	1,801
96	88	1 480	0,915	1,958	2,140	1,669
97	89	900	0,516	1,043	2,023	1,552
98	90	518	0,275	0,528	1,921	1,450
99	91	282	0,138	0,253	1,828	1,357
100	92	144	0,066	0,115	1,746	1,275

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 9 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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8						
9	0	99 542	49 795,825	661 819,810	13,291	12,820
10	1	99 229	45 962,282	612 023,985	13,316	12,845
11	2	99 199	42 544,564	566 061,703	13,305	12,834
12	3	99 178	39 384,906	523 517,139	13,292	12,821
13	4	99 158	36 460,304	484 132,233	13,278	12,807
14	5	99 140	33 753,243	447 671,930	13,263	12,792
15	6	99 120	31 246,884	413 918,687	13,247	12,776
16	7	99 099	28 926,047	382 671,803	13,229	12,758
17	8	99 069	26 775,159	353 745,756	13,212	12,741
18	9	99 033	24 783,010	326 970,597	13,193	12,722
19	10	98 989	22 936,950	302 187,587	13,175	12,704
20	11	98 942	21 227,791	279 250,636	13,155	12,684
21	12	98 890	19 645,039	258 022,845	13,134	12,663
22	13	98 838	18 180,278	238 377,806	13,112	12,641
23	14	98 785	16 824,556	220 197,528	13,088	12,617
24	15	98 729	15 569,505	203 372,971	13,062	12,591
25	16	98 669	14 407,437	187 803,466	13,035	12,564
26	17	98 608	13 331,920	173 396,029	13,006	12,535
27	18	98 546	12 336,714	160 064,109	12,975	12,504
28	19	98 474	11 414,531	147 727,395	12,942	12,471
29	20	98 405	10 561,527	136 312,864	12,907	12,436
30	21	98 330	9 771,783	125 751,337	12,869	12,398
31	22	98 257	9 041,237	115 979,554	12,828	12,357
32	23	98 173	8 364,306	106 938,317	12,785	12,314
33	24	98 082	7 737,623	98 574,012	12,740	12,269
34	25	97 996	7 158,164	90 836,389	12,690	12,219
35	26	97 899	6 621,358	83 678,225	12,638	12,167
36	27	97 793	6 124,252	77 056,867	12,582	12,111
37	28	97 685	5 664,335	70 932,615	12,523	12,052
38	29	97 569	5 238,534	65 268,280	12,459	11,988
39	30	97 442	4 844,150	60 029,746	12,392	11,921
40	31	97 306	4 479,098	55 185,596	12,321	11,850
41	32	97 153	4 140,779	50 706,498	12,246	11,775
42	33	96 991	3 827,648	46 565,719	12,166	11,695
43	34	96 812	3 537,577	42 738,072	12,081	11,610
44	35	96 615	3 268,891	39 200,495	11,992	11,521
45	36	96 403	3 020,100	35 931,603	11,897	11,426
46	37	96 161	2 789,364	32 911,503	11,799	11,328
47	38	95 907	2 575,916	30 122,139	11,694	11,223
48	39	95 612	2 377,785	27 546,223	11,585	11,114
49	40	95 289	2 194,214	25 168,438	11,470	10,999
50	41	94 925	2 023,912	22 974,224	11,351	10,880
51	42	94 519	1 865,975	20 950,312	11,228	10,756
52	43	94 076	1 719,656	19 084,337	11,098	10,627
53	44	93 575	1 583,801	17 364,681	10,964	10,493
54	45	93 013	1 457,682	15 780,879	10,826	10,355
55	46	92 392	1 340,689	14 323,198	10,683	10,212
56	47	91 707	1 232,180	12 982,508	10,536	10,065
57	48	90 950	1 131,490	11 750,328	10,385	9,914
58	49	90 120	1 038,113	10 618,838	10,229	9,758
59	50	89 198	951,376	9 580,724	10,070	9,599
60	51	88 198	871,035	8 629,348	9,907	9,436
61	52	87 120	796,652	7 758,313	9,739	9,268
62	53	85 951	727,745	6 961,660	9,566	9,095
63	54	84 677	663,847	6 233,916	9,391	8,920
64	55	83 319	604,815	5 570,069	9,210	8,739
65	56	81 857	550,189	4 965,254	9,025	8,554
66	57	80 307	499,791	4 415,065	8,834	8,363
67	58	78 679	453,388	3 915,274	8,636	8,165
68	59	76 926	410,448	3 461,887	8,434	7,963
69	60	75 123	371,135	3 051,439	8,222	7,751
70	61	73 176	334,738	2 680,304	8,007	7,536
71	62	71 136	301,303	2 345,566	7,785	7,314
72	63	68 979	270,526	2 044,262	7,557	7,086
73	64	66 733	242,331	1 773,736	7,319	6,848
74	65	64 372	216,442	1 531,405	7,075	6,604
75	66	61 882	192,657	1 314,963	6,825	6,354
76	67	59 254	170,810	1 122,306	6,570	6,099
77	68	56 471	150,729	951,496	6,313	5,842
78	69	53 588	132,439	800,767	6,046	5,575
79	70	50 539	115,651	668,328	5,779	5,308
80	71	47 313	100,250	552,677	5,513	5,042
81	72	43 945	86,216	452,427	5,248	4,777
82	73	40 430	73,444	366,211	4,986	4,515
83	74	36 828	61,945	292,767	4,726	4,255
84	75	33 128	51,595	230,822	4,474	4,003
85	76	29 399	42,395	179,227	4,228	3,757
86	77	25 665	34,269	136,832	3,993	3,522
87	78	22 033	27,240	102,563	3,765	3,294
88	79	18 566	21,253	75,323	3,544	3,073
89	80	15 306	16,223	54,070	3,333	2,862
90	81	12 327	12,098	37,846	3,128	2,657
91	82	9 668	8,786	25,748	2,931	2,460
92	83	7 323	6,162	16,962	2,753	2,282
93	84	5 351	4,169	10,801	2,591	2,120
94	85	3 774	2,723	6,632	2,436	1,965
95	86	2 530	1,690	3,909	2,313	1,842
96	87	1 646	1,018	2,219	2,180	1,709
97	88	1 017	0,582	1,201	2,062	1,591
98	89	596	0,316	0,618	1,957	1,486
99	90	331	0,162	0,302	1,863	1,392
100	91	173	0,079	0,140	1,778	1,307

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 10 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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3						
4						
5						
6						
7						
8						
9						
10	0	99 534	46 103,537	612 299,302	13,281	12,810
11	1	99 221	42 554,396	566 195,765	13,305	12,834
12	2	99 190	39 389,596	523 641,369	13,294	12,823
13	3	99 170	36 464,648	484 251,772	13,280	12,809
14	4	99 149	33 756,312	447 787,124	13,265	12,794
15	5	99 128	31 249,228	414 030,812	13,249	12,778
16	6	99 106	28 927,952	382 781,585	13,232	12,761
17	7	99 073	26 776,479	353 853,633	13,215	12,744
18	8	99 040	24 784,544	327 077,154	13,197	12,726
19	9	98 995	22 938,435	302 292,610	13,178	12,707
20	10	98 948	21 229,049	279 354,175	13,159	12,688
21	11	98 897	19 646,503	258 125,126	13,138	12,667
22	12	98 846	18 181,717	238 478,624	13,116	12,645
23	13	98 793	16 825,999	220 296,907	13,093	12,622
24	14	98 739	15 571,139	203 470,908	13,067	12,596
25	15	98 681	14 409,240	187 899,769	13,040	12,569
26	16	98 622	13 333,801	173 490,529	13,011	12,540
27	17	98 561	12 338,521	160 156,728	12,980	12,509
28	18	98 494	11 416,856	147 818,207	12,947	12,476
29	19	98 424	10 563,566	136 401,351	12,912	12,441
30	20	98 348	9 773,592	125 837,785	12,875	12,404
31	21	98 273	9 042,734	116 064,193	12,835	12,364
32	22	98 190	8 365,753	107 021,459	12,793	12,322
33	23	98 104	7 739,302	98 655,705	12,747	12,276
34	24	98 013	7 159,378	90 916,403	12,699	12,228
35	25	97 917	6 622,593	83 757,025	12,647	12,176
36	26	97 812	6 125,444	77 134,432	12,592	12,121
37	27	97 706	5 665,573	71 008,988	12,533	12,062
38	28	97 593	5 239,840	65 343,416	12,470	11,999
39	29	97 467	4 845,404	60 103,575	12,404	11,933
40	30	97 335	4 480,428	55 258,172	12,333	11,862
41	31	97 184	4 142,101	50 777,743	12,259	11,788
42	32	97 024	3 828,976	46 635,642	12,180	11,709
43	33	96 846	3 538,837	42 806,666	12,096	11,625
44	34	96 653	3 270,170	39 267,829	12,008	11,537
45	35	96 442	3 021,316	35 997,659	11,915	11,444
46	36	96 206	2 790,673	32 976,342	11,817	11,346
47	37	95 951	2 577,102	30 185,669	11,713	11,242
48	38	95 668	2 379,179	27 608,567	11,604	11,133
49	39	95 346	2 195,522	25 229,389	11,491	11,020
50	40	94 989	2 025,286	23 033,867	11,373	10,902
51	41	94 591	1 867,400	21 008,581	11,250	10,779
52	42	94 154	1 721,084	19 141,181	11,122	10,651
53	43	93 659	1 585,228	17 420,097	10,989	10,518
54	44	93 108	1 459,170	15 834,869	10,852	10,381
55	45	92 495	1 342,182	14 375,699	10,711	10,240
56	46	91 824	1 233,747	13 033,517	10,564	10,093
57	47	91 081	1 133,115	11 799,770	10,414	9,943
58	48	90 265	1 039,776	10 666,655	10,259	9,788
59	49	89 360	953,103	9 626,879	10,101	9,630
60	50	88 373	872,755	8 673,776	9,938	9,467
61	51	87 313	798,416	7 801,021	9,771	9,300
62	52	86 163	729,536	7 002,605	9,599	9,128
63	53	84 909	665,666	6 273,069	9,424	8,953
64	54	83 570	606,640	5 607,403	9,243	8,772
65	55	82 129	552,018	5 000,763	9,059	8,588
66	56	80 599	501,606	4 448,744	8,869	8,398
67	57	78 995	455,205	3 947,138	8,671	8,200
68	58	77 267	412,266	3 491,933	8,470	7,999
69	59	75 487	372,936	3 079,667	8,258	7,787
70	60	73 573	336,553	2 706,731	8,043	7,571
71	61	71 536	302,999	2 370,178	7,822	7,351
72	62	69 401	272,180	2 067,180	7,595	7,124
73	63	67 176	243,937	1 795,000	7,358	6,887
74	64	64 845	218,031	1 551,063	7,114	6,643
75	65	62 382	194,213	1 333,031	6,864	6,393
76	66	59 776	172,315	1 138,818	6,609	6,138
77	67	57 024	152,204	966,503	6,350	5,879
78	68	54 141	133,806	814,299	6,086	5,615
79	69	51 110	116,958	680,493	5,818	5,347
80	70	47 897	101,486	563,535	5,553	5,082
81	71	44 542	87,386	462,049	5,287	4,816
82	72	41 021	74,518	374,663	5,028	4,557
83	73	37 407	62,919	300,144	4,770	4,299
84	74	33 705	52,493	237,225	4,519	4,048
85	75	29 970	43,219	184,732	4,274	3,803
86	76	26 238	35,034	141,514	4,039	3,568
87	77	22 585	27,923	106,480	3,813	3,342
88	78	19 103	21,868	78,557	3,592	3,121
89	79	15 827	16,776	56,689	3,379	2,908
90	80	12 819	12,581	39,914	3,172	2,701
91	81	10 114	9,191	27,332	2,974	2,503
92	82	7 711	6,488	18,141	2,796	2,325
93	83	5 681	4,426	11,653	2,633	2,162
94	84	4 046	2,919	7,227	2,476	2,005
95	85	2 742	1,832	4,308	2,352	1,881
96	86	1 807	1,117	2,477	2,216	1,745
97	87	1 132	0,648	1,359	2,098	1,627
98	88	673	0,357	0,711	1,992	1,521
99	89	380	0,187	0,354	1,896	1,425
100	90	203	0,092	0,167	1,810	1,339

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 11 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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10						
11	0	99 526	42 685,177	566 448,572	13,270	12,799
12	1	99 213	39 398,700	523 763,395	13,294	12,823
13	2	99 182	36 468,991	484 364,695	13,282	12,811
14	3	99 161	33 760,334	447 895,704	13,267	12,796
15	4	99 137	31 252,069	414 135,370	13,251	12,780
16	5	99 113	28 930,121	382 883,301	13,235	12,764
17	6	99 080	26 778,241	353 953,179	13,218	12,747
18	7	99 044	24 785,766	327 174,938	13,200	12,729
19	8	99 002	22 939,855	302 389,172	13,182	12,711
20	9	98 954	21 230,423	279 449,317	13,163	12,692
21	10	98 903	19 647,667	258 218,894	13,142	12,671
22	11	98 853	18 183,071	238 571,227	13,121	12,649
23	12	98 801	16 827,330	220 388,156	13,097	12,626
24	13	98 748	15 572,474	203 560,826	13,072	12,601
25	14	98 692	14 410,752	187 988,352	13,045	12,574
26	15	98 634	13 335,469	173 577,600	13,016	12,545
27	16	98 575	12 340,262	160 242,131	12,985	12,514
28	17	98 509	11 418,528	147 901,868	12,953	12,482
29	18	98 444	10 565,718	136 483,341	12,918	12,447
30	19	98 367	9 775,479	125 917,623	12,881	12,410
31	20	98 292	9 044,409	116 142,144	12,841	12,370
32	21	98 206	8 367,139	107 097,735	12,800	12,329
33	22	98 121	7 740,642	98 730,596	12,755	12,284
34	23	98 034	7 160,932	90 989,955	12,706	12,235
35	24	97 934	6 623,716	83 829,023	12,656	12,185
36	25	97 830	6 126,586	77 205,307	12,602	12,131
37	26	97 725	5 666,675	71 078,720	12,543	12,072
38	27	97 615	5 240,985	65 412,045	12,481	12,010
39	28	97 491	4 846,612	60 171,060	12,415	11,944
40	29	97 360	4 481,588	55 324,448	12,345	11,874
41	30	97 213	4 143,331	50 842,860	12,271	11,800
42	31	97 055	3 830,199	46 699,528	12,192	11,721
43	32	96 880	3 540,066	42 869,329	12,110	11,639
44	33	96 687	3 271,335	39 329,264	12,022	11,551
45	34	96 480	3 022,499	36 057,928	11,930	11,459
46	35	96 245	2 791,796	33 035,430	11,833	11,362
47	36	95 996	2 578,311	30 243,634	11,730	11,259
48	37	95 712	2 380,274	27 665,323	11,623	11,152
49	38	95 402	2 196,808	25 285,049	11,510	11,039
50	39	95 046	2 026,493	23 088,240	11,393	10,922
51	40	94 655	1 868,668	21 061,747	11,271	10,800
52	41	94 226	1 722,398	19 193,079	11,143	10,672
53	42	93 737	1 586,544	17 470,681	11,012	10,541
54	43	93 192	1 460,485	15 884,136	10,876	10,405
55	44	92 589	1 343,552	14 423,652	10,735	10,264
56	45	91 926	1 235,120	13 080,099	10,590	10,119
57	46	91 197	1 134,555	11 844,979	10,440	9,969
58	47	90 394	1 041,269	10 710,424	10,286	9,815
59	48	89 503	954,630	9 669,155	10,129	9,658
60	49	88 533	874,339	8 714,525	9,967	9,496
61	50	87 485	799,992	7 840,186	9,800	9,329
62	51	86 353	731,151	7 040,194	9,629	9,158
63	52	85 118	667,305	6 309,043	9,455	8,983
64	53	83 799	608,303	5 641,738	9,275	8,804
65	54	82 377	553,685	5 033,435	9,091	8,620
66	55	80 867	503,274	4 479,751	8,901	8,430
67	56	79 282	456,858	3 976,477	8,704	8,233
68	57	77 577	413,919	3 519,619	8,503	8,032
69	58	75 822	374,589	3 105,700	8,291	7,820
70	59	73 930	338,186	2 731,112	8,076	7,605
71	60	71 924	304,641	2 392,926	7,855	7,384
72	61	69 792	273,711	2 088,285	7,630	7,158
73	62	67 586	245,428	1 814,573	7,393	6,922
74	63	65 275	219,476	1 569,145	7,149	6,678
75	64	62 840	195,639	1 349,668	6,899	6,428
76	65	60 259	173,707	1 154,030	6,644	6,172
77	66	57 526	153,545	980,322	6,385	5,914
78	67	54 671	135,116	826,777	6,119	5,648
79	68	51 638	118,165	691,661	5,853	5,382
80	69	48 438	102,633	573,496	5,588	5,117
81	70	45 091	88,464	470,863	5,323	4,852
82	71	41 578	75,530	382,400	5,063	4,592
83	72	37 954	63,839	306,870	4,807	4,336
84	73	34 235	53,318	243,031	4,558	4,087
85	74	30 492	43,971	189,713	4,314	3,843
86	75	26 748	35,715	145,741	4,081	3,610
87	76	23 089	28,546	110,026	3,854	3,383
88	77	19 582	22,416	81,481	3,635	3,164
89	78	16 284	17,261	59,065	3,422	2,951
90	79	13 256	13,010	41,804	3,213	2,742
91	80	10 518	9,558	28,794	3,013	2,542
92	81	8 067	6,787	19,237	2,834	2,363
93	82	5 982	4,661	12,449	2,671	2,200
94	83	4 296	3,099	7,789	2,513	2,042
95	84	2 940	1,963	4,690	2,388	1,917
96	85	1 958	1,211	2,726	2,251	1,780
97	86	1 242	0,711	1,515	2,131	1,660
98	87	749	0,397	0,804	2,025	1,553
99	88	430	0,211	0,407	1,928	1,457
100	89	234	0,106	0,196	1,841	1,370

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 12 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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11						
12	0	99 518	39 519,783	523 995,534	13,259	12,788
13	1	99 205	36 477,419	484 475,751	13,282	12,810
14	2	99 172	33 764,355	447 998,332	13,268	12,797
15	3	99 149	31 255,793	414 233,977	13,253	12,782
16	4	99 122	28 932,752	382 978,184	13,237	12,766
17	5	99 087	26 780,250	354 045,432	13,220	12,749
18	6	99 051	24 787,398	327 265,182	13,203	12,732
19	7	99 006	22 940,986	302 477,784	13,185	12,714
20	8	98 960	21 231,737	279 536,798	13,166	12,695
21	9	98 909	19 648,938	258 305,061	13,146	12,675
22	10	98 859	18 184,148	238 656,123	13,124	12,653
23	11	98 808	16 828,583	220 471,974	13,101	12,630
24	12	98 756	15 573,706	203 643,391	13,076	12,605
25	13	98 700	14 411,987	188 069,684	13,050	12,578
26	14	98 644	13 336,869	173 657,697	13,021	12,550
27	15	98 587	12 341,806	160 320,828	12,990	12,519
28	16	98 523	11 420,139	147 979,022	12,958	12,487
29	17	98 458	10 567,265	136 558,883	12,923	12,452
30	18	98 387	9 777,470	125 991,618	12,886	12,415
31	19	98 311	9 046,155	116 214,147	12,847	12,376
32	20	98 224	8 368,688	107 167,992	12,806	12,335
33	21	98 137	7 741,923	98 799,304	12,762	12,291
34	22	98 051	7 162,171	91 057,381	12,714	12,243
35	23	97 955	6 625,153	83 895,210	12,663	12,192
36	24	97 847	6 127,626	77 270,056	12,610	12,139
37	25	97 744	5 667,732	71 142,431	12,552	12,081
38	26	97 634	5 242,005	65 474,699	12,490	12,019
39	27	97 512	4 847,671	60 232,694	12,425	11,954
40	28	97 385	4 482,706	55 385,023	12,355	11,884
41	29	97 238	4 144,404	50 902,316	12,282	11,811
42	30	97 084	3 831,337	46 757,913	12,204	11,733
43	31	96 911	3 541,196	42 926,576	12,122	11,651
44	32	96 721	3 272,471	39 385,380	12,035	11,564
45	33	96 514	3 023,575	36 112,909	11,944	11,473
46	34	96 282	2 792,889	33 089,334	11,848	11,377
47	35	96 034	2 579,349	30 296,445	11,746	11,275
48	36	95 757	2 381,391	27 717,096	11,639	11,168
49	37	95 446	2 197,820	25 335,706	11,528	11,057
50	38	95 102	2 027,681	23 137,886	11,411	10,940
51	39	94 711	1 869,782	21 110,205	11,290	10,819
52	40	94 290	1 723,568	19 240,423	11,163	10,692
53	41	93 809	1 587,756	17 516,855	11,032	10,561
54	42	93 270	1 461,697	15 929,100	10,898	10,427
55	43	92 673	1 344,763	14 467,402	10,758	10,287
56	44	92 020	1 236,381	13 122,640	10,614	10,143
57	45	91 298	1 135,818	11 886,258	10,465	9,994
58	46	90 509	1 042,593	10 750,440	10,311	9,840
59	47	89 631	956,000	9 707,847	10,155	9,684
60	48	88 675	875,740	8 751,847	9,994	9,523
61	49	87 644	801,444	7 876,107	9,827	9,356
62	50	86 524	732,594	7 074,663	9,657	9,186
63	51	85 306	668,782	6 342,068	9,483	9,012
64	52	84 006	609,800	5 673,286	9,304	8,832
65	53	82 603	555,202	5 063,486	9,120	8,649
66	54	81 111	504,793	4 508,284	8,931	8,460
67	55	79 545	458,377	4 003,491	8,734	8,263
68	56	77 858	415,422	3 545,114	8,534	8,063
69	57	76 126	376,090	3 129,692	8,322	7,851
70	58	74 257	339,684	2 753,602	8,106	7,635
71	59	72 273	306,120	2 413,918	7,886	7,414
72	60	70 170	275,195	2 107,798	7,659	7,188
73	61	67 967	246,809	1 832,603	7,425	6,954
74	62	65 674	220,818	1 585,794	7,181	6,710
75	63	63 257	196,936	1 364,976	6,931	6,460
76	64	60 701	174,982	1 168,040	6,675	6,204
77	65	57 991	154,786	993,058	6,416	5,945
78	66	55 153	136,306	838,273	6,150	5,679
79	67	52 143	119,322	701,966	5,883	5,412
80	68	48 938	103,692	582,644	5,619	5,148
81	69	45 600	89,463	478,952	5,354	4,883
82	70	42 091	76,461	389,489	5,094	4,623
83	71	38 469	64,706	313,028	4,838	4,367
84	72	34 736	54,098	248,322	4,590	4,119
85	73	30 972	44,663	194,224	4,349	3,878
86	74	27 214	36,337	149,562	4,116	3,645
87	75	23 538	29,100	113,225	3,891	3,420
88	76	20 018	22,916	84,125	3,671	3,200
89	77	16 693	17,693	61,209	3,459	2,988
90	78	13 639	13,386	43,515	3,251	2,780
91	79	10 876	9,883	30,129	3,049	2,578
92	80	8 389	7,059	20,246	2,868	2,397
93	81	6 258	4,875	13,188	2,705	2,234
94	82	4 523	3,263	8,312	2,547	2,076
95	83	3 121	2,085	5,049	2,422	1,951
96	84	2 099	1,298	2,964	2,283	1,812
97	85	1 346	0,771	1,666	2,162	1,691
98	86	822	0,436	0,896	2,054	1,583
99	87	478	0,235	0,460	1,957	1,486
100	88	264	0,120	0,225	1,870	1,399

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 13 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
1						
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12						
13	0	99 510	36 589,524	484 688,915	13,247	12,776
14	1	99 195	33 772,158	448 099,391	13,268	12,797
15	2	99 160	31 259,516	414 327,233	13,254	12,783
16	3	99 134	28 936,199	383 067,718	13,238	12,767
17	4	99 096	26 782,685	354 131,518	13,222	12,751
18	5	99 058	24 789,257	327 348,833	13,205	12,734
19	6	99 013	22 942,496	302 559,576	13,188	12,717
20	7	98 965	21 232,784	279 617,080	13,169	12,698
21	8	98 916	19 650,155	258 384,296	13,149	12,678
22	9	98 865	18 185,325	238 734,141	13,128	12,657
23	10	98 814	16 829,581	220 548,816	13,105	12,634
24	11	98 763	15 574,866	203 719,235	13,080	12,609
25	12	98 708	14 413,128	188 144,369	13,054	12,583
26	13	98 653	13 338,012	173 731,241	13,025	12,554
27	14	98 597	12 343,101	160 393,229	12,995	12,524
28	15	98 535	11 421,568	148 050,128	12,962	12,491
29	16	98 472	10 568,756	136 628,560	12,928	12,457
30	17	98 402	9 778,902	126 059,803	12,891	12,420
31	18	98 331	9 047,998	116 280,901	12,852	12,381
32	19	98 243	8 370,304	107 232,904	12,811	12,340
33	20	98 155	7 743,357	98 862,600	12,767	12,296
34	21	98 067	7 163,357	91 119,243	12,720	12,249
35	22	97 972	6 626,300	83 955,885	12,670	12,199
36	23	97 868	6 128,955	77 329,585	12,617	12,146
37	24	97 760	5 668,693	71 200,630	12,560	12,089
38	25	97 652	5 242,983	65 531,937	12,499	12,028
39	26	97 531	4 848,615	60 288,954	12,434	11,963
40	27	97 406	4 483,686	55 440,340	12,365	11,894
41	28	97 262	4 145,438	50 956,654	12,292	11,821
42	29	97 109	3 832,328	46 811,216	12,215	11,744
43	30	96 939	3 542,248	42 978,888	12,133	11,662
44	31	96 752	3 273,516	39 436,640	12,047	11,576
45	32	96 547	3 024,625	36 163,124	11,956	11,485
46	33	96 317	2 793,883	33 138,500	11,861	11,390
47	34	96 072	2 580,358	30 344,616	11,760	11,289
48	35	95 796	2 382,349	27 764,258	11,654	11,183
49	36	95 490	2 198,851	25 381,909	11,543	11,072
50	37	95 145	2 028,614	23 183,058	11,428	10,957
51	38	94 767	1 870,878	21 154,443	11,307	10,836
52	39	94 346	1 724,595	19 283,565	11,182	10,710
53	40	93 872	1 588,834	17 558,970	11,051	10,580
54	41	93 341	1 462,813	15 970,136	10,917	10,446
55	42	92 750	1 345,879	14 507,323	10,779	10,308
56	43	92 103	1 237,495	13 161,444	10,636	10,165
57	44	91 392	1 136,978	11 923,949	10,487	10,016
58	45	90 610	1 043,754	10 786,971	10,335	9,864
59	46	89 745	957,216	9 743,217	10,179	9,708
60	47	88 802	876,997	8 786,001	10,018	9,547
61	48	87 784	802,728	7 909,004	9,853	9,382
62	49	86 681	733,924	7 106,276	9,683	9,212
63	50	85 475	670,102	6 372,352	9,510	9,038
64	51	84 191	611,150	5 702,250	9,330	8,859
65	52	82 806	556,569	5 091,100	9,147	8,676
66	53	81 334	506,176	4 534,531	8,958	8,487
67	54	79 785	459,761	4 028,355	8,762	8,291
68	55	78 117	416,803	3 568,594	8,562	8,091
69	56	76 402	377,456	3 151,791	8,350	7,879
70	57	74 555	341,046	2 774,335	8,135	7,664
71	58	72 593	307,476	2 433,289	7,914	7,443
72	59	70 510	276,531	2 125,814	7,687	7,216
73	60	68 335	248,147	1 849,283	7,452	6,981
74	61	66 043	222,061	1 601,136	7,210	6,739
75	62	63 643	198,140	1 379,075	6,960	6,489
76	63	61 104	176,142	1 180,936	6,704	6,233
77	64	58 417	155,922	1 004,794	6,444	5,973
78	65	55 598	137,407	848,872	6,178	5,707
79	66	52 603	120,373	711,465	5,910	5,439
80	67	49 417	104,707	591,091	5,645	5,174
81	68	46 071	90,387	486,384	5,381	4,910
82	69	42 566	77,325	395,997	5,121	4,650
83	70	38 944	65,504	318,672	4,865	4,394
84	71	35 207	54,832	253,169	4,617	4,146
85	72	31 424	45,316	198,337	4,377	3,906
86	73	27 642	36,908	153,021	4,146	3,675
87	74	23 948	29,607	116,113	3,922	3,451
88	75	20 408	23,362	86,506	3,703	3,232
89	76	17 065	18,088	63,144	3,491	3,020
90	77	13 981	13,721	45,056	3,284	2,813
91	78	11 190	10,169	31,335	3,081	2,610
92	79	8 674	7,299	21,166	2,900	2,429
93	80	6 508	5,070	13,867	2,735	2,264
94	81	4 732	3,414	8,797	2,577	2,106
95	82	3 286	2,195	5,383	2,452	1,981
96	83	2 228	1,378	3,188	2,313	1,842
97	84	1 443	0,826	1,810	2,191	1,720
98	85	891	0,472	0,984	2,082	1,611
99	86	525	0,258	0,511	1,984	1,513
100	87	294	0,134	0,254	1,896	1,425

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 14 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
0						
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14	0	99 500	33 875,949	448 295,133	13,233	12,762
15	1	99 183	31 266,740	414 419,184	13,254	12,783
16	2	99 146	28 939,646	383 152,444	13,240	12,769
17	3	99 108	26 785,876	354 212,799	13,224	12,753
18	4	99 067	24 791,511	327 426,922	13,207	12,736
19	5	99 020	22 944,217	302 635,411	13,190	12,719
20	6	98 972	21 234,182	279 691,194	13,172	12,701
21	7	98 920	19 651,124	258 457,012	13,152	12,681
22	8	98 871	18 186,451	238 805,889	13,131	12,660
23	9	98 821	16 830,670	220 619,438	13,108	12,637
24	10	98 769	15 575,789	203 788,768	13,084	12,613
25	11	98 715	14 414,201	188 212,979	13,057	12,586
26	12	98 660	13 339,068	173 798,777	13,029	12,558
27	13	98 606	12 344,160	160 459,710	12,999	12,528
28	14	98 545	11 422,767	148 115,550	12,967	12,496
29	15	98 484	10 570,079	136 692,784	12,932	12,461
30	16	98 416	9 780,282	126 122,705	12,896	12,425
31	17	98 345	9 049,323	116 342,423	12,856	12,385
32	18	98 263	8 372,009	107 293,100	12,816	12,345
33	19	98 174	7 744,852	98 921,092	12,772	12,301
34	20	98 085	7 164,684	91 176,240	12,726	12,255
35	21	97 988	6 627,397	84 011,555	12,676	12,205
36	22	97 885	6 130,016	77 384,158	12,624	12,153
37	23	97 781	5 669,923	71 254,142	12,567	12,096
38	24	97 669	5 243,872	65 584,219	12,507	12,036
39	25	97 550	4 849,519	60 340,347	12,443	11,971
40	26	97 425	4 484,558	55 490,828	12,374	11,903
41	27	97 284	4 146,343	51 006,270	12,302	11,830
42	28	97 133	3 833,284	46 859,926	12,224	11,753
43	29	96 965	3 543,165	43 026,642	12,144	11,673
44	30	96 781	3 274,488	39 483,477	12,058	11,587
45	31	96 578	3 025,591	36 208,989	11,968	11,497
46	32	96 350	2 794,853	33 183,399	11,873	11,402
47	33	96 106	2 581,277	30 388,545	11,773	11,302
48	34	95 833	2 383,282	27 807,268	11,668	11,197
49	35	95 529	2 199,736	25 423,987	11,558	11,087
50	36	95 190	2 029,566	23 224,250	11,443	10,972
51	37	94 811	1 871,739	21 194,684	11,324	10,852
52	38	94 401	1 725,606	19 322,945	11,198	10,727
53	39	93 928	1 589,781	17 597,339	11,069	10,598
54	40	93 404	1 463,807	16 007,558	10,936	10,465
55	41	92 821	1 346,907	14 543,752	10,798	10,327
56	42	92 179	1 238,523	13 196,845	10,655	10,184
57	43	91 474	1 138,002	11 958,322	10,508	10,037
58	44	90 702	1 044,819	10 820,320	10,356	9,885
59	45	89 845	958,281	9 775,501	10,201	9,730
60	46	88 915	878,112	8 817,219	10,041	9,570
61	47	87 910	803,881	7 939,107	9,876	9,405
62	48	86 820	735,100	7 135,227	9,706	9,235
63	49	85 630	671,318	6 400,127	9,534	9,063
64	50	84 358	612,357	5 728,808	9,355	8,884
65	51	82 990	557,801	5 116,452	9,173	8,701
66	52	81 534	507,422	4 558,651	8,984	8,513
67	53	80 004	461,021	4 051,229	8,788	8,316
68	54	78 353	418,061	3 590,208	8,588	8,117
69	55	76 656	378,711	3 172,147	8,376	7,905
70	56	74 826	342,284	2 793,436	8,161	7,690
71	57	72 884	308,708	2 451,151	7,940	7,469
72	58	70 823	277,756	2 142,443	7,713	7,242
73	59	68 667	249,351	1 864,688	7,478	7,007
74	60	66 401	223,264	1 615,336	7,235	6,764
75	61	64 001	199,254	1 392,072	6,986	6,515
76	62	61 477	177,219	1 192,817	6,731	6,260
77	63	58 804	156,955	1 015,599	6,471	6,000
78	64	56 007	138,416	858,643	6,203	5,732
79	65	53 027	121,346	720,227	5,935	5,464
80	66	49 853	105,630	598,882	5,670	5,199
81	67	46 522	91,271	493,252	5,404	4,933
82	68	43 006	78,123	401,980	5,145	4,674
83	69	39 384	66,244	323,857	4,889	4,418
84	70	35 641	55,508	257,614	4,641	4,170
85	71	31 851	45,931	202,105	4,400	3,929
86	72	28 046	37,448	156,175	4,170	3,699
87	73	24 324	30,073	118,727	3,948	3,477
88	74	20 763	23,768	88,654	3,730	3,259
89	75	17 397	18,440	64,886	3,519	3,048
90	76	14 293	14,028	46,446	3,311	2,840
91	77	11 471	10,424	32,419	3,110	2,639
92	78	8 925	7,510	21,995	2,929	2,458
93	79	6 729	5,243	14,485	2,763	2,292
94	80	4 921	3,550	9,242	2,604	2,133
95	81	3 438	2,296	5,692	2,479	2,008
96	82	2 347	1,451	3,396	2,340	1,869
97	83	1 532	0,877	1,945	2,217	1,746
98	84	955	0,506	1,068	2,108	1,637
99	85	569	0,279	0,561	2,010	1,539
100	86	323	0,147	0,282	1,921	1,450

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 15 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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15	0	99 488	31 362,831	414 598,927	13,219	12,748
16	1	99 168	28 946,334	383 236,096	13,240	12,768
17	2	99 120	26 789,066	354 289,762	13,225	12,754
18	3	99 079	24 794,465	327 500,695	13,209	12,738
19	4	99 029	22 946,303	302 706,230	13,192	12,721
20	5	98 979	21 235,774	279 759,927	13,174	12,703
21	6	98 927	19 652,417	258 524,153	13,155	12,684
22	7	98 876	18 187,348	238 871,735	13,134	12,663
23	8	98 827	16 831,712	220 684,388	13,111	12,640
24	9	98 775	15 576,797	203 852,676	13,087	12,616
25	10	98 721	14 415,055	188 275,879	13,061	12,590
26	11	98 668	13 340,061	173 860,823	13,033	12,562
27	12	98 614	12 345,136	160 520,762	13,003	12,532
28	13	98 554	11 423,746	148 175,626	12,971	12,500
29	14	98 495	10 571,188	136 751,880	12,936	12,465
30	15	98 428	9 781,506	126 180,692	12,900	12,429
31	16	98 359	9 050,600	116 399,186	12,861	12,390
32	17	98 277	8 373,235	107 348,587	12,820	12,349
33	18	98 194	7 746,430	98 975,352	12,777	12,306
34	19	98 104	7 166,067	91 228,922	12,731	12,260
35	20	98 006	6 628,625	84 062,855	12,682	12,211
36	21	97 901	6 131,031	77 434,231	12,630	12,159
37	22	97 798	5 670,905	71 303,199	12,574	12,102
38	23	97 690	5 245,010	65 632,295	12,513	12,042
39	24	97 566	4 850,341	60 387,285	12,450	11,979
40	25	97 443	4 485,394	55 536,943	12,382	11,911
41	26	97 302	4 147,150	51 051,549	12,310	11,839
42	27	97 155	3 834,122	46 904,398	12,233	11,762
43	28	96 989	3 544,049	43 070,277	12,153	11,682
44	29	96 806	3 275,336	39 526,228	12,068	11,597
45	30	96 607	3 026,489	36 250,892	11,978	11,507
46	31	96 381	2 795,746	33 224,403	11,884	11,413
47	32	96 140	2 582,173	30 428,657	11,784	11,313
48	33	95 867	2 384,130	27 846,484	11,680	11,209
49	34	95 566	2 200,597	25 462,354	11,571	11,100
50	35	95 228	2 030,383	23 261,757	11,457	10,986
51	36	94 855	1 872,617	21 231,374	11,338	10,867
52	37	94 445	1 726,400	19 358,756	11,213	10,742
53	38	93 983	1 590,712	17 632,356	11,085	10,614
54	39	93 460	1 464,679	16 041,644	10,952	10,481
55	40	92 884	1 347,822	14 576,964	10,815	10,344
56	41	92 250	1 239,468	13 229,142	10,673	10,202
57	42	91 550	1 138,947	11 989,674	10,527	10,056
58	43	90 784	1 045,760	10 850,727	10,376	9,905
59	44	89 937	959,260	9 804,967	10,221	9,750
60	45	89 014	879,090	8 845,707	10,062	9,591
61	46	88 022	804,903	7 966,617	9,898	9,427
62	47	86 945	736,155	7 161,715	9,729	9,257
63	48	85 767	672,394	6 425,560	9,556	9,085
64	49	84 511	613,468	5 753,166	9,378	8,907
65	50	83 153	558,902	5 139,698	9,196	8,725
66	51	81 714	508,545	4 580,795	9,008	8,537
67	52	80 201	462,156	4 072,250	8,811	8,340
68	53	78 568	419,207	3 610,094	8,612	8,141
69	54	76 888	379,854	3 190,887	8,400	7,929
70	55	75 074	343,422	2 811,033	8,185	7,714
71	56	73 149	309,829	2 467,611	7,964	7,493
72	57	71 107	278,869	2 157,782	7,738	7,267
73	58	68 971	250,456	1 878,913	7,502	7,031
74	59	66 724	224,348	1 628,457	7,259	6,788
75	60	64 348	200,334	1 404,109	7,009	6,538
76	61	61 823	178,216	1 203,774	6,755	6,284
77	62	59 163	157,915	1 025,558	6,494	6,023
78	63	56 378	139,333	867,643	6,227	5,756
79	64	53 417	122,236	728,310	5,958	5,487
80	65	50 255	106,483	606,074	5,692	5,221
81	66	46 932	92,076	499,590	5,426	4,955
82	67	43 427	78,888	407,515	5,166	4,695
83	68	39 790	66,927	328,627	4,910	4,439
84	69	36 044	56,135	261,700	4,662	4,191
85	70	32 244	46,497	205,564	4,421	3,950
86	71	28 427	37,956	159,067	4,191	3,720
87	72	24 680	30,512	121,111	3,969	3,498
88	73	21 089	24,142	90,599	3,753	3,282
89	74	17 700	18,761	66,457	3,542	3,071
90	75	14 571	14,300	47,696	3,335	2,864
91	76	11 727	10,656	33,396	3,134	2,663
92	77	9 149	7,698	22,739	2,954	2,483
93	78	6 924	5,394	15,041	2,788	2,317
94	79	5 088	3,671	9,647	2,628	2,157
95	80	3 575	2,388	5,976	2,503	2,032
96	81	2 455	1,518	3,588	2,363	1,892
97	82	1 613	0,924	2,070	2,241	1,770
98	83	1 014	0,538	1,146	2,132	1,661
99	84	610	0,299	0,609	2,033	1,562
100	85	350	0,159	0,309	1,944	1,473

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 16 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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16	0	99 473	29 035,294	383 401,146	13,205	12,734
17	1	99 143	26 795,258	354 365,852	13,225	12,754
18	2	99 091	24 797,418	327 570,594	13,210	12,739
19	3	99 041	22 949,037	302 773,176	13,193	12,722
20	4	98 988	21 237,705	279 824,139	13,176	12,705
21	5	98 934	19 653,891	258 586,433	13,157	12,686
22	6	98 883	18 188,545	238 932,542	13,136	12,665
23	7	98 832	16 832,542	220 743,997	13,114	12,643
24	8	98 781	15 577,762	203 911,456	13,090	12,619
25	9	98 728	14 415,988	188 333,694	13,064	12,593
26	10	98 674	13 340,852	173 917,706	13,036	12,565
27	11	98 621	12 346,056	160 576,854	13,006	12,535
28	12	98 562	11 424,650	148 230,798	12,975	12,504
29	13	98 503	10 572,094	136 806,148	12,940	12,469
30	14	98 438	9 782,532	126 234,054	12,904	12,433
31	15	98 371	9 051,732	116 451,522	12,865	12,394
32	16	98 291	8 374,416	107 399,790	12,825	12,354
33	17	98 209	7 747,564	99 025,374	12,781	12,310
34	18	98 124	7 167,527	91 277,810	12,735	12,264
35	19	98 025	6 629,904	84 110,283	12,687	12,215
36	20	97 919	6 132,167	77 480,378	12,635	12,164
37	21	97 814	5 671,844	71 348,212	12,579	12,108
38	22	97 707	5 245,918	65 676,368	12,520	12,048
39	23	97 587	4 851,394	60 430,450	12,456	11,985
40	24	97 460	4 486,155	55 579,056	12,389	11,918
41	25	97 321	4 147,924	51 092,901	12,318	11,847
42	26	97 174	3 834,868	46 944,977	12,242	11,771
43	27	97 010	3 544,823	43 110,109	12,161	11,690
44	28	96 830	3 276,153	39 565,286	12,077	11,606
45	29	96 632	3 027,273	36 289,134	11,987	11,516
46	30	96 409	2 796,576	33 261,861	11,894	11,423
47	31	96 170	2 582,998	30 465,285	11,795	11,324
48	32	95 901	2 384,958	27 882,287	11,691	11,220
49	33	95 600	2 201,381	25 497,329	11,582	11,111
50	34	95 266	2 031,178	23 295,948	11,469	10,998
51	35	94 893	1 873,371	21 264,771	11,351	10,880
52	36	94 489	1 727,210	19 391,400	11,227	10,756
53	37	94 027	1 591,445	17 664,189	11,099	10,628
54	38	93 515	1 465,538	16 072,744	10,967	10,496
55	39	92 939	1 348,625	14 607,207	10,831	10,360
56	40	92 313	1 240,310	13 258,582	10,690	10,219
57	41	91 620	1 139,817	12 018,272	10,544	10,073
58	42	90 860	1 046,629	10 878,455	10,394	9,923
59	43	90 018	960,124	9 831,826	10,240	9,769
60	44	89 105	879,987	8 871,702	10,082	9,611
61	45	88 120	805,799	7 991,715	9,918	9,447
62	46	87 055	737,091	7 185,916	9,749	9,278
63	47	85 890	673,359	6 448,825	9,577	9,106
64	48	84 646	614,451	5 775,466	9,399	8,928
65	49	83 304	559,916	5 161,015	9,217	8,746
66	50	81 876	509,550	4 601,099	9,030	8,559
67	51	80 379	463,179	4 091,549	8,834	8,363
68	52	78 761	420,239	3 628,371	8,634	8,163
69	53	77 098	380,895	3 208,132	8,423	7,952
70	54	75 301	344,459	2 827,237	8,208	7,737
71	55	73 392	310,859	2 482,778	7,987	7,516
72	56	71 365	279,882	2 171,918	7,760	7,289
73	57	69 247	251,460	1 892,037	7,524	7,053
74	58	67 019	225,342	1 640,576	7,280	6,809
75	59	64 661	201,307	1 415,235	7,030	6,559
76	60	62 158	179,182	1 213,928	6,775	6,304
77	61	59 496	158,803	1 034,746	6,516	6,045
78	62	56 722	140,185	875,943	6,248	5,777
79	63	53 771	123,047	735,757	5,980	5,508
80	64	50 624	107,265	612,711	5,712	5,241
81	65	47 311	92,819	505,446	5,445	4,974
82	66	43 809	79,583	412,626	5,185	4,714
83	67	40 180	67,583	333,044	4,928	4,457
84	68	36 416	56,715	265,461	4,681	4,210
85	69	32 608	47,023	208,746	4,439	3,968
86	70	28 777	38,424	161,724	4,209	3,738
87	71	25 015	30,926	123,300	3,987	3,516
88	72	21 398	24,495	92,373	3,771	3,300
89	73	17 978	19,056	67,878	3,562	3,091
90	74	14 824	14,549	48,823	3,356	2,885
91	75	11 955	10,864	34,273	3,155	2,684
92	76	9 353	7,870	23,410	2,975	2,504
93	77	7 097	5,530	15,540	2,810	2,339
94	78	5 236	3,777	10,010	2,650	2,179
95	79	3 697	2,469	6,234	2,524	2,053
96	80	2 553	1,579	3,764	2,384	1,913
97	81	1 687	0,966	2,185	2,262	1,791
98	82	1 068	0,566	1,219	2,153	1,682
99	83	647	0,318	0,653	2,054	1,583
100	84	375	0,171	0,335	1,965	1,494

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 17 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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17	0	99 448	26 877,607	354 517,402	13,190	12,719
18	1	99 114	24 803,149	327 639,795	13,210	12,739
19	2	99 053	22 951,770	302 836,646	13,194	12,723
20	3	99 000	21 240,236	279 884,876	13,177	12,706
21	4	98 943	19 655,678	258 644,640	13,159	12,688
22	5	98 890	18 189,909	238 988,961	13,139	12,668
23	6	98 838	16 833,650	220 799,052	13,117	12,645
24	7	98 786	15 578,530	203 965,403	13,093	12,622
25	8	98 734	14 416,881	188 386,873	13,067	12,596
26	9	98 680	13 341,715	173 969,992	13,040	12,569
27	10	98 627	12 346,787	160 628,277	13,010	12,539
28	11	98 569	11 425,501	148 281,490	12,978	12,507
29	12	98 511	10 572,931	136 855,989	12,944	12,473
30	13	98 447	9 783,371	126 283,058	12,908	12,437
31	14	98 382	9 052,682	116 499,687	12,869	12,398
32	15	98 304	8 375,464	107 447,005	12,829	12,358
33	16	98 222	7 748,657	99 071,541	12,786	12,315
34	17	98 139	7 168,577	91 322,884	12,739	12,268
35	18	98 045	6 631,255	84 154,308	12,691	12,220
36	19	97 938	6 133,351	77 523,053	12,640	12,169
37	20	97 833	5 672,894	71 389,702	12,584	12,113
38	21	97 723	5 246,786	65 716,808	12,525	12,054
39	22	97 604	4 852,234	60 470,022	12,462	11,991
40	23	97 481	4 487,129	55 617,788	12,395	11,924
41	24	97 337	4 148,627	51 130,659	12,325	11,854
42	25	97 192	3 835,583	46 982,032	12,249	11,778
43	26	97 029	3 545,513	43 146,449	12,169	11,698
44	27	96 851	3 276,868	39 600,936	12,085	11,614
45	28	96 656	3 028,028	36 324,068	11,996	11,525
46	29	96 434	2 797,300	33 296,040	11,903	11,432
47	30	96 199	2 583,765	30 498,740	11,804	11,333
48	31	95 931	2 385,720	27 914,975	11,701	11,230
49	32	95 633	2 202,145	25 529,255	11,593	11,122
50	33	95 299	2 031,901	23 327,110	11,480	11,009
51	34	94 930	1 874,104	21 295,209	11,363	10,892
52	35	94 527	1 727,906	19 421,105	11,240	10,769
53	36	94 071	1 592,191	17 693,199	11,112	10,641
54	37	93 558	1 466,212	16 101,008	10,981	10,510
55	38	92 993	1 349,415	14 634,795	10,845	10,374
56	39	92 368	1 241,049	13 285,380	10,705	10,234
57	40	91 682	1 140,591	12 044,331	10,560	10,089
58	41	90 929	1 047,428	10 903,740	10,410	9,939
59	42	90 093	960,921	9 856,312	10,257	9,786
60	43	89 185	880,780	8 895,391	10,099	9,628
61	44	88 210	806,621	8 014,611	9,936	9,465
62	45	87 152	737,912	7 207,989	9,768	9,297
63	46	85 999	674,215	6 470,078	9,596	9,125
64	47	84 768	615,333	5 795,863	9,419	8,948
65	48	83 438	560,813	5 180,529	9,238	8,766
66	49	82 024	510,474	4 619,716	9,050	8,579
67	50	80 537	464,093	4 109,242	8,854	8,383
68	51	78 935	421,169	3 645,149	8,655	8,184
69	52	77 288	381,833	3 223,979	8,443	7,972
70	53	75 507	345,403	2 842,147	8,228	7,757
71	54	73 614	311,798	2 496,744	8,008	7,537
72	55	71 602	280,812	2 184,946	7,781	7,310
73	56	69 499	252,373	1 904,134	7,545	7,074
74	57	67 288	226,245	1 651,761	7,301	6,830
75	58	64 947	202,199	1 425,515	7,050	6,579
76	59	62 460	180,052	1 223,317	6,794	6,323
77	60	59 819	159,664	1 043,265	6,534	6,063
78	61	57 042	140,974	883,601	6,268	5,797
79	62	54 099	123,799	742,627	5,999	5,528
80	63	50 960	107,976	618,828	5,731	5,260
81	64	47 658	93,501	510,852	5,464	4,993
82	65	44 163	80,226	417,352	5,202	4,731
83	66	40 534	68,178	337,126	4,945	4,474
84	67	36 772	57,270	268,948	4,696	4,225
85	68	32 945	47,508	211,678	4,456	3,985
86	69	29 102	38,858	164,170	4,225	3,754
87	70	25 323	31,308	125,312	4,003	3,532
88	71	21 688	24,827	94,004	3,786	3,315
89	72	18 241	19,334	69,177	3,578	3,107
90	73	15 058	14,778	49,842	3,373	2,902
91	74	12 163	11,053	35,064	3,173	2,701
92	75	9 535	8,023	24,012	2,993	2,522
93	76	7 256	5,653	15,989	2,828	2,357
94	77	5 367	3,872	10,336	2,670	2,199
95	78	3 804	2,541	6,464	2,544	2,073
96	79	2 640	1,633	3,924	2,403	1,932
97	80	1 755	1,005	2,291	2,280	1,809
98	81	1 117	0,592	1,286	2,172	1,701
99	82	682	0,335	0,694	2,073	1,602
100	83	398	0,181	0,359	1,984	1,513

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 18 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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18	0	99 418	24 879,376	327 778,947	13,175	12,704
19	1	99 076	22 957,075	302 899,571	13,194	12,723
20	2	99 012	21 242,766	279 942,497	13,178	12,707
21	3	98 955	19 658,020	258 699,731	13,160	12,689
22	4	98 899	18 191,563	239 041,711	13,140	12,669
23	5	98 846	16 834,912	220 850,147	13,119	12,648
24	6	98 793	15 579,555	204 015,235	13,095	12,624
25	7	98 739	14 417,592	188 435,680	13,070	12,599
26	8	98 686	13 342,541	174 018,089	13,042	12,571
27	9	98 633	12 347,586	160 675,548	13,013	12,542
28	10	98 575	11 426,178	148 327,961	12,981	12,510
29	11	98 518	10 573,718	136 901,783	12,947	12,476
30	12	98 454	9 784,145	126 328,065	12,912	12,440
31	13	98 390	9 053,458	116 543,920	12,873	12,402
32	14	98 314	8 376,343	107 490,462	12,833	12,362
33	15	98 235	7 749,627	99 114,119	12,790	12,318
34	16	98 153	7 169,588	91 364,492	12,743	12,272
35	17	98 060	6 632,226	84 194,904	12,695	12,224
36	18	97 958	6 134,600	77 562,678	12,643	12,172
37	19	97 851	5 673,989	71 428,078	12,589	12,118
38	20	97 741	5 247,758	65 754,089	12,530	12,059
39	21	97 620	4 853,037	60 506,331	12,468	11,997
40	22	97 498	4 487,905	55 653,294	12,401	11,930
41	23	97 358	4 149,528	51 165,388	12,330	11,859
42	24	97 208	3 836,234	47 015,861	12,256	11,785
43	25	97 047	3 546,174	43 179,627	12,176	11,705
44	26	96 870	3 277,506	39 633,453	12,093	11,622
45	27	96 677	3 028,689	36 355,947	12,004	11,533
46	28	96 458	2 797,998	33 327,257	11,911	11,440
47	29	96 224	2 584,434	30 529,260	11,813	11,342
48	30	95 960	2 386,428	27 944,826	11,710	11,239
49	31	95 664	2 202,848	25 558,397	11,602	11,131
50	32	95 333	2 032,606	23 355,549	11,490	11,019
51	33	94 964	1 874,772	21 322,943	11,374	10,903
52	34	94 564	1 728,582	19 448,171	11,251	10,780
53	35	94 109	1 592,832	17 719,590	11,125	10,654
54	36	93 602	1 466,900	16 126,757	10,994	10,523
55	37	93 036	1 350,037	14 659,857	10,859	10,388
56	38	92 422	1 241,777	13 309,820	10,718	10,247
57	39	91 737	1 141,271	12 068,044	10,574	10,103
58	40	90 991	1 048,139	10 926,773	10,425	9,954
59	41	90 161	961,655	9 878,633	10,273	9,801
60	42	89 259	881,511	8 916,979	10,116	9,645
61	43	88 290	807,348	8 035,467	9,953	9,482
62	44	87 241	738,665	7 228,119	9,785	9,314
63	45	86 095	674,966	6 489,454	9,614	9,143
64	46	84 876	616,115	5 814,489	9,437	8,966
65	47	83 558	561,619	5 198,373	9,256	8,785
66	48	82 156	511,292	4 636,755	9,069	8,598
67	49	80 683	464,935	4 125,463	8,873	8,402
68	50	79 091	422,001	3 660,527	8,674	8,203
69	51	77 459	382,678	3 238,526	8,463	7,992
70	52	75 693	346,253	2 855,849	8,248	7,777
71	53	73 816	312,652	2 509,595	8,027	7,556
72	54	71 818	281,660	2 196,943	7,800	7,329
73	55	69 730	253,212	1 915,283	7,564	7,093
74	56	67 532	227,067	1 662,071	7,320	6,849
75	57	65 207	203,009	1 435,004	7,069	6,598
76	58	62 737	180,849	1 231,995	6,812	6,341
77	59	60 109	160,439	1 051,146	6,552	6,081
78	60	57 351	141,738	890,707	6,284	5,813
79	61	54 404	124,495	748,969	6,016	5,545
80	62	51 271	108,636	624,473	5,748	5,277
81	63	47 974	94,120	515,837	5,481	5,010
82	64	44 488	80,815	421,717	5,218	4,747
83	65	40 861	68,729	340,902	4,960	4,489
84	66	37 096	57,775	272,173	4,711	4,240
85	67	33 267	47,973	214,399	4,469	3,998
86	68	29 403	39,259	166,426	4,239	3,768
87	69	25 609	31,662	127,166	4,016	3,545
88	70	21 956	25,134	95,505	3,800	3,329
89	71	18 488	19,597	70,371	3,591	3,120
90	72	15 278	14,994	50,775	3,386	2,915
91	73	12 354	11,226	35,781	3,187	2,716
92	74	9 701	8,163	24,554	3,008	2,537
93	75	7 397	5,763	16,392	2,844	2,373
94	76	5 487	3,958	10,629	2,685	2,214
95	77	3 899	2,604	6,671	2,561	2,090
96	78	2 716	1,680	4,067	2,421	1,950
97	79	1 815	1,039	2,387	2,297	1,826
98	80	1 162	0,616	1,348	2,188	1,717
99	81	713	0,350	0,732	2,090	1,619
100	82	419	0,191	0,382	2,001	1,530

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 19 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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19	0	99 380	23 027,628	303 027,334	13,159	12,688
20	1	99 035	21 247,675	279 999,705	13,178	12,707
21	2	98 967	19 660,362	258 752,030	13,161	12,690
22	3	98 911	18 193,731	239 091,669	13,141	12,670
23	4	98 855	16 836,443	220 897,938	13,120	12,649
24	5	98 800	15 580,724	204 061,495	13,097	12,626
25	6	98 745	14 418,541	188 480,771	13,072	12,601
26	7	98 691	13 343,199	174 062,230	13,045	12,574
27	8	98 639	12 348,351	160 719,032	13,015	12,544
28	9	98 581	11 426,917	148 370,681	12,984	12,513
29	10	98 524	10 574,345	136 943,763	12,951	12,480
30	11	98 462	9 784,874	126 369,419	12,915	12,444
31	12	98 398	9 054,174	116 584,545	12,876	12,405
32	13	98 322	8 377,061	107 530,371	12,836	12,365
33	14	98 245	7 750,440	99 153,309	12,793	12,322
34	15	98 165	7 170,485	91 402,869	12,747	12,276
35	16	98 074	6 633,162	84 232,384	12,699	12,228
36	17	97 973	6 135,498	77 599,222	12,648	12,177
37	18	97 871	5 675,145	71 463,724	12,592	12,121
38	19	97 760	5 248,771	65 788,579	12,534	12,063
39	20	97 638	4 853,936	60 539,808	12,472	12,001
40	21	97 514	4 488,649	55 685,872	12,406	11,935
41	22	97 375	4 150,246	51 197,223	12,336	11,865
42	23	97 229	3 837,066	47 046,977	12,261	11,790
43	24	97 063	3 546,776	43 209,911	12,183	11,712
44	25	96 888	3 278,117	39 663,136	12,099	11,628
45	26	96 696	3 029,279	36 385,018	12,011	11,540
46	27	96 479	2 798,609	33 355,740	11,919	11,448
47	28	96 248	2 585,079	30 557,130	11,821	11,350
48	29	95 984	2 387,046	27 972,052	11,718	11,247
49	30	95 692	2 203,502	25 585,006	11,611	11,140
50	31	95 363	2 033,255	23 381,504	11,500	11,028
51	32	94 997	1 875,423	21 348,248	11,383	10,912
52	33	94 598	1 729,197	19 472,826	11,261	10,790
53	34	94 145	1 593,456	17 743,628	11,135	10,664
54	35	93 639	1 467,491	16 150,173	11,005	10,534
55	36	93 080	1 350,670	14 682,682	10,871	10,400
56	37	92 464	1 242,348	13 332,012	10,731	10,260
57	38	91 790	1 141,940	12 089,663	10,587	10,116
58	39	91 045	1 048,764	10 947,724	10,439	9,968
59	40	90 223	962,308	9 898,960	10,287	9,816
60	41	89 327	882,184	8 936,652	10,130	9,659
61	42	88 363	808,019	8 054,468	9,968	9,497
62	43	87 320	739,330	7 246,449	9,801	9,330
63	44	86 183	675,655	6 507,119	9,631	9,160
64	45	84 970	616,801	5 831,464	9,454	8,983
65	46	83 664	562,333	5 214,662	9,273	8,802
66	47	82 274	512,026	4 652,330	9,086	8,615
67	48	80 813	465,680	4 140,304	8,891	8,420
68	49	79 235	422,767	3 674,624	8,692	8,221
69	50	77 612	383,433	3 251,857	8,481	8,010
70	51	75 861	347,020	2 868,423	8,266	7,795
71	52	73 997	313,422	2 521,404	8,045	7,574
72	53	72 015	282,432	2 207,982	7,818	7,347
73	54	69 940	253,977	1 925,550	7,582	7,111
74	55	67 757	227,822	1 671,573	7,337	6,866
75	56	65 444	203,746	1 443,752	7,086	6,615
76	57	62 988	181,574	1 240,005	6,829	6,358
77	58	60 375	161,150	1 058,431	6,568	6,097
78	59	57 629	142,426	897,281	6,300	5,829
79	60	54 699	125,170	754,855	6,031	5,560
80	61	51 560	109,247	629,685	5,764	5,293
81	62	48 268	94,696	520,438	5,496	5,025
82	63	44 782	81,350	425,742	5,233	4,762
83	64	41 161	69,233	344,392	4,974	4,503
84	65	37 396	58,241	275,158	4,724	4,253
85	66	33 560	48,396	216,917	4,482	4,011
86	67	29 690	39,644	168,522	4,251	3,780
87	68	25 874	31,988	128,878	4,029	3,558
88	69	22 204	25,418	96,890	3,812	3,341
89	70	18 716	19,838	71,472	3,603	3,132
90	71	15 485	15,198	51,634	3,398	2,926
91	72	12 534	11,391	36,436	3,199	2,728
92	73	9 853	8,291	25,046	3,021	2,550
93	74	7 526	5,863	16,755	2,858	2,387
94	75	5 593	4,035	10,892	2,699	2,228
95	76	3 986	2,662	6,857	2,575	2,104
96	77	2 784	1,722	4,194	2,436	1,965
97	78	1 867	1,069	2,472	2,312	1,841
98	79	1 201	0,637	1,403	2,203	1,732
99	80	742	0,364	0,766	2,104	1,633
100	81	439	0,199	0,402	2,016	1,545

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 20 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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20	0	99 339	21 312,975	280 117,007	13,143	12,672
21	1	98 990	19 664,905	258 804,032	13,161	12,690
22	2	98 923	18 195,898	239 139,127	13,142	12,671
23	3	98 866	16 838,449	220 943,229	13,121	12,650
24	4	98 809	15 582,140	204 104,780	13,099	12,628
25	5	98 752	14 419,622	188 522,639	13,074	12,603
26	6	98 698	13 344,077	174 103,017	13,047	12,576
27	7	98 644	12 348,960	160 758,940	13,018	12,547
28	8	98 587	11 427,625	148 409,981	12,987	12,516
29	9	98 530	10 575,029	136 982,356	12,953	12,482
30	10	98 468	9 785,454	126 407,327	12,918	12,447
31	11	98 405	9 054,849	116 621,873	12,879	12,408
32	12	98 330	8 377,724	107 567,024	12,840	12,369
33	13	98 253	7 751,104	99 189,300	12,797	12,326
34	14	98 175	7 171,238	91 438,196	12,751	12,280
35	15	98 086	6 633,992	84 266,958	12,702	12,231
36	16	97 987	6 136,364	77 632,966	12,651	12,180
37	17	97 886	5 675,976	71 496,602	12,596	12,125
38	18	97 780	5 249,840	65 820,626	12,538	12,067
39	19	97 657	4 854,873	60 570,786	12,476	12,005
40	20	97 532	4 489,480	55 715,913	12,410	11,939
41	21	97 391	4 150,933	51 226,433	12,341	11,870
42	22	97 246	3 837,730	47 075,500	12,266	11,795
43	23	97 084	3 547,545	43 237,770	12,188	11,717
44	24	96 904	3 278,673	39 690,224	12,106	11,635
45	25	96 714	3 029,844	36 411,551	12,018	11,547
46	26	96 498	2 799,154	33 381,707	11,926	11,455
47	27	96 269	2 585,643	30 582,554	11,828	11,357
48	28	96 008	2 387,641	27 996,910	11,726	11,255
49	29	95 717	2 204,073	25 609,269	11,619	11,148
50	30	95 391	2 033,859	23 405,196	11,508	11,037
51	31	95 027	1 876,021	21 371,337	11,392	10,921
52	32	94 630	1 729,798	19 495,315	11,270	10,799
53	33	94 179	1 594,023	17 765,518	11,145	10,674
54	34	93 676	1 468,065	16 171,494	11,016	10,544
55	35	93 117	1 351,214	14 703,429	10,882	10,411
56	36	92 508	1 242,931	13 352,216	10,743	10,271
57	37	91 833	1 142,465	12 109,284	10,599	10,128
58	38	91 098	1 049,379	10 966,819	10,451	9,980
59	39	90 276	962,881	9 917,440	10,300	9,829
60	40	89 388	882,783	8 954,559	10,144	9,673
61	41	88 430	808,635	8 071,775	9,982	9,511
62	42	87 392	739,944	7 263,140	9,816	9,345
63	43	86 261	676,264	6 523,196	9,646	9,175
64	44	85 057	617,431	5 846,932	9,470	8,999
65	45	83 757	562,959	5 229,501	9,289	8,818
66	46	82 378	512,677	4 666,543	9,102	8,631
67	47	80 929	466,349	4 153,865	8,907	8,436
68	48	79 362	423,444	3 687,517	8,708	8,237
69	49	77 753	384,129	3 264,073	8,497	8,026
70	50	76 011	347,705	2 879,944	8,283	7,812
71	51	74 161	314,116	2 532,239	8,061	7,590
72	52	72 192	283,127	2 218,123	7,834	7,363
73	53	70 132	254,673	1 934,996	7,598	7,127
74	54	67 961	228,509	1 680,323	7,353	6,882
75	55	65 662	204,424	1 451,814	7,102	6,631
76	56	63 217	182,234	1 247,390	6,845	6,374
77	57	60 617	161,796	1 065,156	6,583	6,112
78	58	57 884	143,057	903,361	6,315	5,844
79	59	54 964	125,778	760,304	6,045	5,574
80	60	51 839	109,839	634,526	5,777	5,306
81	61	48 539	95,229	524,687	5,510	5,039
82	62	45 056	81,848	429,458	5,247	4,776
83	63	41 434	69,692	347,610	4,988	4,517
84	64	37 671	58,669	277,918	4,737	4,266
85	65	33 831	48,787	219,249	4,494	4,023
86	66	29 952	39,993	170,463	4,262	3,791
87	67	26 127	32,301	130,470	4,039	3,568
88	68	22 433	25,680	98,168	3,823	3,352
89	69	18 928	20,063	72,488	3,613	3,142
90	70	15 676	15,385	52,426	3,408	2,937
91	71	12 705	11,545	37,041	3,208	2,737
92	72	9 997	8,412	25,496	3,031	2,560
93	73	7 644	5,955	17,084	2,869	2,398
94	74	5 691	4,105	11,128	2,711	2,240
95	75	4 063	2,714	7,023	2,588	2,117
96	76	2 846	1,760	4,309	2,448	1,977
97	77	1 914	1,096	2,549	2,326	1,855
98	78	1 236	0,655	1,453	2,217	1,746
99	79	767	0,377	0,797	2,118	1,647
100	80	456	0,207	0,421	2,029	1,558

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 21 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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21	0	99 294	19 725,341	258 911,728	13,126	12,655
22	1	98 946	18 200,103	239 186,387	13,142	12,671
23	2	98 878	16 840,455	220 986,284	13,122	12,651
24	3	98 821	15 583,997	204 145,829	13,100	12,629
25	4	98 761	14 420,933	188 561,832	13,076	12,605
26	5	98 705	13 345,078	174 140,899	13,049	12,578
27	6	98 651	12 349,773	160 795,821	13,020	12,549
28	7	98 592	11 428,188	148 446,048	12,989	12,518
29	8	98 537	10 575,684	137 017,860	12,956	12,485
30	9	98 474	9 786,087	126 442,176	12,921	12,450
31	10	98 411	9 055,385	116 656,089	12,883	12,411
32	11	98 337	8 378,348	107 600,704	12,843	12,372
33	12	98 261	7 751,718	99 222,356	12,800	12,329
34	13	98 184	7 171,852	91 470,638	12,754	12,283
35	14	98 096	6 634,688	84 298,786	12,706	12,235
36	15	97 999	6 137,132	77 664,098	12,655	12,184
37	16	97 900	5 676,777	71 526,966	12,600	12,129
38	17	97 794	5 250,609	65 850,189	12,541	12,070
39	18	97 677	4 855,862	60 599,580	12,480	12,009
40	19	97 551	4 490,347	55 743,718	12,414	11,943
41	20	97 409	4 151,702	51 253,371	12,345	11,874
42	21	97 262	3 838,366	47 101,669	12,271	11,800
43	22	97 101	3 548,159	43 263,304	12,193	11,722
44	23	96 925	3 279,385	39 715,144	12,111	11,640
45	24	96 730	3 030,358	36 435,760	12,024	11,553
46	25	96 516	2 799,676	33 405,402	11,932	11,461
47	26	96 287	2 586,147	30 605,726	11,834	11,363
48	27	96 029	2 388,163	28 019,580	11,733	11,262
49	28	95 741	2 204,623	25 631,417	11,626	11,155
50	29	95 416	2 034,386	23 426,794	11,515	11,044
51	30	95 056	1 876,579	21 392,408	11,400	10,929
52	31	94 661	1 730,350	19 515,830	11,279	10,807
53	32	94 212	1 594,577	17 785,480	11,154	10,683
54	33	93 709	1 468,588	16 190,903	11,025	10,554
55	34	93 154	1 351,742	14 722,315	10,891	10,420
56	35	92 545	1 243,432	13 370,573	10,753	10,282
57	36	91 876	1 143,001	12 127,141	10,610	10,139
58	37	91 140	1 049,862	10 984,140	10,462	9,991
59	38	90 329	963,446	9 934,278	10,311	9,840
60	39	89 441	883,310	8 970,832	10,156	9,685
61	40	88 491	809,185	8 087,523	9,995	9,524
62	41	87 459	740,509	7 278,338	9,829	9,358
63	42	86 332	676,825	6 537,829	9,660	9,189
64	43	85 133	617,987	5 861,003	9,484	9,013
65	44	83 842	563,533	5 243,016	9,304	8,833
66	45	82 470	513,248	4 679,483	9,117	8,646
67	46	81 032	466,942	4 166,235	8,922	8,451
68	47	79 476	424,052	3 699,293	8,724	8,253
69	48	77 877	384,745	3 275,242	8,513	8,042
70	49	76 148	348,336	2 890,497	8,298	7,827
71	50	74 308	314,736	2 542,161	8,077	7,606
72	51	72 352	283,754	2 227,425	7,850	7,379
73	52	70 305	255,300	1 943,671	7,613	7,142
74	53	68 148	229,136	1 688,372	7,368	6,897
75	54	65 860	205,041	1 459,236	7,117	6,646
76	55	63 427	182,840	1 254,195	6,860	6,388
77	56	60 837	162,383	1 071,356	6,598	6,127
78	57	58 116	143,630	908,972	6,329	5,858
79	58	55 208	126,335	765,342	6,058	5,587
80	59	52 091	110,373	639,007	5,790	5,319
81	60	48 802	95,745	528,635	5,521	5,050
82	61	45 310	82,308	432,890	5,259	4,788
83	62	41 687	70,118	350,582	5,000	4,529
84	63	37 920	59,058	280,463	4,749	4,278
85	64	34 080	49,145	221,406	4,505	4,034
86	65	30 194	40,316	172,261	4,273	3,802
87	66	26 357	32,586	131,945	4,049	3,578
88	67	22 652	25,931	99,359	3,832	3,361
89	68	19 123	20,270	73,428	3,623	3,152
90	69	15 853	15,559	53,158	3,417	2,946
91	70	12 861	11,688	37,599	3,217	2,746
92	71	10 133	8,526	25,912	3,039	2,568
93	72	7 756	6,042	17,386	2,877	2,406
94	73	5 780	4,170	11,343	2,720	2,249
95	74	4 134	2,761	7,173	2,598	2,127
96	75	2 902	1,795	4,412	2,459	1,987
97	76	1 957	1,120	2,617	2,336	1,865
98	77	1 267	0,672	1,497	2,228	1,757
99	78	789	0,387	0,825	2,130	1,659
100	79	472	0,214	0,438	2,041	1,570

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 22 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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22	0	99 250	18 256,037	239 285,263	13,107	12,636
23	1	98 901	16 844,347	221 029,226	13,122	12,651
24	2	98 833	15 585,853	204 184,880	13,101	12,630
25	3	98 773	14 422,652	188 599,027	13,077	12,606
26	4	98 714	13 346,292	174 176,375	13,051	12,580
27	5	98 658	12 350,699	160 830,083	13,022	12,551
28	6	98 599	11 428,940	148 479,385	12,992	12,520
29	7	98 541	10 576,205	137 050,444	12,958	12,487
30	8	98 480	9 786,693	126 474,239	12,923	12,452
31	9	98 417	9 055,971	116 687,546	12,885	12,414
32	10	98 343	8 378,845	107 631,575	12,846	12,375
33	11	98 268	7 752,295	99 252,730	12,803	12,332
34	12	98 191	7 172,420	91 500,435	12,757	12,286
35	13	98 105	6 635,257	84 328,015	12,709	12,238
36	14	98 009	6 137,776	77 692,758	12,658	12,187
37	15	97 912	5 677,487	71 554,983	12,603	12,132
38	16	97 808	5 251,350	65 877,495	12,545	12,074
39	17	97 691	4 856,573	60 626,145	12,483	12,012
40	18	97 571	4 491,261	55 769,572	12,417	11,946
41	19	97 428	4 152,503	51 278,311	12,349	11,878
42	20	97 280	3 839,077	47 125,807	12,275	11,804
43	21	97 117	3 548,747	43 286,731	12,198	11,727
44	22	96 942	3 279,952	39 737,984	12,115	11,644
45	23	96 751	3 031,015	36 458,032	12,028	11,557
46	24	96 533	2 800,151	33 427,016	11,938	11,467
47	25	96 305	2 586,629	30 626,866	11,840	11,369
48	26	96 048	2 388,628	28 040,237	11,739	11,268
49	27	95 762	2 205,104	25 651,609	11,633	11,162
50	28	95 440	2 034,893	23 446,505	11,522	11,051
51	29	95 080	1 877,064	21 411,611	11,407	10,936
52	30	94 689	1 730,864	19 534,547	11,286	10,815
53	31	94 242	1 595,086	17 803,683	11,162	10,691
54	32	93 742	1 469,098	16 208,597	11,033	10,562
55	33	93 187	1 352,224	14 739,500	10,900	10,429
56	34	92 581	1 243,918	13 387,276	10,762	10,291
57	35	91 913	1 143,462	12 143,358	10,620	10,149
58	36	91 183	1 050,354	10 999,896	10,473	10,002
59	37	90 371	963,889	9 949,542	10,322	9,851
60	38	89 494	883,827	8 985,653	10,167	9,696
61	39	88 543	809,667	8 101,825	10,006	9,535
62	40	87 518	741,012	7 292,158	9,841	9,370
63	41	86 398	677,342	6 551,146	9,672	9,201
64	42	85 204	618,500	5 873,804	9,497	9,026
65	43	83 918	564,041	5 255,304	9,317	8,846
66	44	82 554	513,772	4 691,263	9,131	8,660
67	45	81 122	467,461	4 177,491	8,937	8,466
68	46	79 577	424,591	3 710,030	8,738	8,267
69	47	77 989	385,297	3 285,439	8,527	8,056
70	48	76 270	348,894	2 900,142	8,312	7,841
71	49	74 442	315,307	2 551,248	8,091	7,620
72	50	72 495	284,314	2 235,940	7,864	7,393
73	51	70 460	255,865	1 951,626	7,628	7,157
74	52	68 315	229,700	1 695,762	7,383	6,911
75	53	66 041	205,603	1 466,062	7,131	6,660
76	54	63 619	183,391	1 260,459	6,873	6,402
77	55	61 040	162,923	1 077,068	6,611	6,140
78	56	58 328	144,152	914,145	6,342	5,870
79	57	55 429	126,841	769,993	6,071	5,599
80	58	52 322	110,862	643,151	5,801	5,330
81	59	49 039	96,210	532,290	5,533	5,062
82	60	45 555	82,754	436,080	5,270	4,799
83	61	41 922	70,513	353,326	5,011	4,540
84	62	38 152	59,419	282,813	4,760	4,289
85	63	34 306	49,470	223,394	4,516	4,045
86	64	30 416	40,612	173,924	4,283	3,812
87	65	26 570	32,849	133,312	4,058	3,587
88	66	22 852	26,160	100,463	3,840	3,369
89	67	19 310	20,468	74,303	3,630	3,159
90	68	16 017	15,719	53,835	3,425	2,954
91	69	13 007	11,820	38,116	3,225	2,754
92	70	10 258	8,631	26,296	3,047	2,576
93	71	7 861	6,124	17,665	2,884	2,413
94	72	5 865	4,231	11,540	2,728	2,257
95	73	4 199	2,805	7,310	2,606	2,135
96	74	2 952	1,826	4,505	2,467	1,996
97	75	1 995	1,142	2,679	2,345	1,874
98	76	1 295	0,687	1,537	2,238	1,767
99	77	809	0,397	0,850	2,141	1,670
100	78	485	0,221	0,453	2,052	1,581

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 23 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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23	0	99 205	16 896,114	221 120,005	13,087	12,616
24	1	98 856	15 589,455	204 223,891	13,100	12,629
25	2	98 785	14 424,369	188 634,436	13,077	12,606
26	3	98 726	13 347,882	174 210,067	13,052	12,580
27	4	98 667	12 351,822	160 862,185	13,023	12,552
28	5	98 606	11 429,798	148 510,363	12,993	12,522
29	6	98 548	10 576,901	137 080,565	12,960	12,489
30	7	98 485	9 787,175	126 503,664	12,925	12,454
31	8	98 423	9 056,532	116 716,488	12,888	12,417
32	9	98 350	8 379,387	107 659,957	12,848	12,377
33	10	98 274	7 752,755	99 280,570	12,806	12,335
34	11	98 199	7 172,954	91 527,815	12,760	12,289
35	12	98 112	6 635,782	84 354,861	12,712	12,241
36	13	98 017	6 138,302	77 719,079	12,661	12,190
37	14	97 922	5 678,083	71 580,777	12,607	12,135
38	15	97 820	5 252,007	65 902,694	12,548	12,077
39	16	97 705	4 857,258	60 650,687	12,487	12,016
40	17	97 585	4 491,919	55 793,429	12,421	11,950
41	18	97 448	4 153,349	51 301,510	12,352	11,881
42	19	97 299	3 839,818	47 148,160	12,279	11,808
43	20	97 135	3 549,404	43 308,343	12,202	11,731
44	21	96 958	3 280,496	39 758,939	12,120	11,649
45	22	96 768	3 031,540	36 478,443	12,033	11,562
46	23	96 554	2 800,758	33 446,903	11,942	11,471
47	24	96 322	2 587,068	30 646,145	11,846	11,375
48	25	96 066	2 389,073	28 059,077	11,745	11,274
49	26	95 781	2 205,533	25 670,004	11,639	11,168
50	27	95 461	2 035,338	23 464,471	11,529	11,057
51	28	95 104	1 877,533	21 429,133	11,413	10,942
52	29	94 713	1 731,312	19 551,600	11,293	10,822
53	30	94 270	1 595,560	17 820,288	11,169	10,698
54	31	93 772	1 469,567	16 224,729	11,040	10,569
55	32	93 219	1 352,693	14 755,162	10,908	10,437
56	33	92 614	1 244,361	13 402,468	10,771	10,300
57	34	91 949	1 143,909	12 158,107	10,629	10,158
58	35	91 220	1 050,777	11 014,198	10,482	10,011
59	36	90 413	964,341	9 963,421	10,332	9,861
60	37	89 535	884,234	8 999,080	10,177	9,706
61	38	88 595	810,141	8 114,846	10,017	9,546
62	39	87 570	741,454	7 304,704	9,852	9,381
63	40	86 457	677,802	6 563,250	9,683	9,212
64	41	85 269	618,973	5 885,448	9,508	9,037
65	42	83 988	564,509	5 266,476	9,329	8,858
66	43	82 628	514,235	4 701,966	9,144	8,673
67	44	81 205	467,939	4 187,732	8,949	8,478
68	45	79 665	425,064	3 719,793	8,751	8,280
69	46	78 088	385,787	3 294,729	8,540	8,069
70	47	76 380	349,395	2 908,942	8,326	7,855
71	48	74 562	315,812	2 559,548	8,105	7,634
72	49	72 627	284,830	2 243,735	7,877	7,406
73	50	70 599	256,370	1 958,905	7,641	7,170
74	51	68 467	230,208	1 702,535	7,396	6,925
75	52	66 203	206,109	1 472,327	7,143	6,672
76	53	63 793	183,894	1 266,218	6,886	6,415
77	54	61 224	163,415	1 082,324	6,623	6,152
78	55	58 521	144,631	918,909	6,353	5,882
79	56	55 630	127,302	774,278	6,082	5,611
80	57	52 531	111,306	646,976	5,813	5,342
81	58	49 256	96,636	535,670	5,543	5,072
82	59	45 776	83,156	439,034	5,280	4,809
83	60	42 149	70,895	355,879	5,020	4,549
84	61	38 367	59,753	284,983	4,769	4,298
85	62	34 515	49,773	225,231	4,525	4,054
86	63	30 617	40,881	175,458	4,292	3,821
87	64	26 765	33,090	134,577	4,067	3,596
88	65	23 037	26,371	101,486	3,848	3,377
89	66	19 481	20,648	75,115	3,638	3,167
90	67	16 174	15,873	54,467	3,431	2,960
91	68	13 141	11,942	38,593	3,232	2,761
92	69	10 374	8,729	26,652	3,053	2,582
93	70	7 958	6,200	17,923	2,891	2,420
94	71	5 944	4,288	11,723	2,734	2,263
95	72	4 261	2,846	7,435	2,613	2,141
96	73	2 999	1,855	4,589	2,475	2,003
97	74	2 029	1,162	2,735	2,353	1,882
98	75	1 320	0,700	1,572	2,246	1,775
99	76	827	0,406	0,872	2,149	1,678
100	77	498	0,226	0,466	2,062	1,591

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 24 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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24	0	99 159	15 637,366	204 307,235	13,065	12,594
25	1	98 808	14 427,703	188 669,869	13,077	12,606
26	2	98 737	13 349,471	174 242,166	13,052	12,581
27	3	98 679	12 353,294	160 892,695	13,024	12,553
28	4	98 615	11 430,837	148 539,401	12,995	12,524
29	5	98 555	10 577,695	137 108,564	12,962	12,491
30	6	98 491	9 787,820	126 530,870	12,927	12,456
31	7	98 428	9 056,978	116 743,050	12,890	12,419
32	8	98 356	8 379,906	107 686,071	12,851	12,379
33	9	98 281	7 753,256	99 306,166	12,808	12,337
34	10	98 205	7 173,379	91 552,910	12,763	12,292
35	11	98 120	6 636,276	84 379,530	12,715	12,244
36	12	98 025	6 138,788	77 743,254	12,664	12,193
37	13	97 930	5 678,570	71 604,467	12,610	12,139
38	14	97 830	5 252,558	65 925,897	12,551	12,080
39	15	97 717	4 857,866	60 673,338	12,490	12,019
40	16	97 599	4 492,553	55 815,472	12,424	11,953
41	17	97 462	4 153,957	51 322,919	12,355	11,884
42	18	97 319	3 840,600	47 168,962	12,282	11,811
43	19	97 154	3 550,089	43 328,362	12,205	11,734
44	20	96 976	3 281,103	39 778,273	12,123	11,652
45	21	96 784	3 032,042	36 497,170	12,037	11,566
46	22	96 570	2 801,243	33 465,128	11,947	11,475
47	23	96 343	2 587,629	30 663,885	11,850	11,379
48	24	96 082	2 389,478	28 076,256	11,750	11,279
49	25	95 798	2 205,945	25 686,777	11,644	11,173
50	26	95 479	2 035,734	23 480,833	11,534	11,063
51	27	95 125	1 877,943	21 445,099	11,419	10,948
52	28	94 737	1 731,744	19 567,156	11,299	10,828
53	29	94 294	1 595,973	17 835,412	11,175	10,704
54	30	93 800	1 470,003	16 239,439	11,047	10,576
55	31	93 249	1 353,125	14 769,436	10,915	10,444
56	32	92 646	1 244,793	13 416,311	10,778	10,307
57	33	91 981	1 144,316	12 171,518	10,636	10,165
58	34	91 255	1 051,188	11 027,201	10,490	10,019
59	35	90 450	964,730	9 976,013	10,341	9,870
60	36	89 577	884,649	9 011,283	10,186	9,715
61	37	88 636	810,514	8 126,634	10,027	9,555
62	38	87 622	741,888	7 316,120	9,861	9,390
63	39	86 508	678,206	6 574,232	9,694	9,223
64	40	85 327	619,393	5 896,026	9,519	9,048
65	41	84 052	564,940	5 276,633	9,340	8,869
66	42	82 697	514,662	4 711,692	9,155	8,684
67	43	81 278	468,360	4 197,031	8,961	8,490
68	44	79 747	425,498	3 728,670	8,763	8,292
69	45	78 175	386,216	3 303,173	8,553	8,082
70	46	76 477	349,839	2 916,956	8,338	7,867
71	47	74 669	316,266	2 567,117	8,117	7,646
72	48	72 743	285,286	2 250,852	7,890	7,419
73	49	70 728	256,835	1 965,565	7,653	7,182
74	50	68 602	230,663	1 708,730	7,408	6,937
75	51	66 350	206,565	1 478,067	7,155	6,684
76	52	63 950	184,347	1 271,502	6,897	6,426
77	53	61 392	163,863	1 087,156	6,635	6,164
78	54	58 698	145,068	923,293	6,365	5,894
79	55	55 815	127,725	778,225	6,093	5,622
80	56	52 722	111,710	650,500	5,823	5,352
81	57	49 454	97,023	538,790	5,553	5,082
82	58	45 979	83,524	441,767	5,289	4,818
83	59	42 354	71,239	358,242	5,029	4,558
84	60	38 575	60,077	287,003	4,777	4,306
85	61	34 710	50,053	226,926	4,534	4,063
86	62	30 804	41,131	176,873	4,300	3,829
87	63	26 943	33,310	135,742	4,075	3,604
88	64	23 206	26,565	102,432	3,856	3,385
89	65	19 638	20,815	75,868	3,645	3,174
90	66	16 316	16,013	55,053	3,438	2,967
91	67	13 269	12,058	39,040	3,238	2,766
92	68	10 481	8,819	26,981	3,059	2,588
93	69	8 048	6,270	18,162	2,897	2,426
94	70	6 018	4,341	11,892	2,740	2,268
95	71	4 318	2,885	7,551	2,618	2,147
96	72	3 042	1,882	4,667	2,480	2,009
97	73	2 061	1,180	2,785	2,359	1,888
98	74	1 343	0,712	1,605	2,253	1,782
99	75	843	0,414	0,892	2,156	1,685
100	76	509	0,231	0,478	2,069	1,598

Kommutationszahlen und Versicherungsbarwerte einer lebenslänglich, vorschüssig zahlbaren Verbindungsrente auf das *kürzere Leben* nach der Sterbetafel 2014/2016

Altersdifferenz zwischen Mann und Frau (x - y) = 25 Jahre

Zinsfuß 8,00 %

Mann x	Frau y	$l_{xy} : 10^5$	D_{xy}	N_{xy}	$\ddot{a}_{xy}$	$^{(12)}\ddot{a}_{xy}$
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25	0	99 111	14 472,043	188 746,387	13,042	12,571
26	1	98 760	13 352,557	174 274,344	13,052	12,581
27	2	98 691	12 354,765	160 921,787	13,025	12,554
28	3	98 627	11 432,199	148 567,022	12,995	12,524
29	4	98 564	10 578,657	137 134,823	12,963	12,492
30	5	98 499	9 788,554	126 556,167	12,929	12,458
31	6	98 435	9 057,575	116 767,613	12,892	12,421
32	7	98 360	8 380,319	107 710,038	12,853	12,382
33	8	98 287	7 753,736	99 329,720	12,811	12,340
34	9	98 211	7 173,843	91 575,983	12,765	12,294
35	10	98 125	6 636,669	84 402,140	12,718	12,247
36	11	98 033	6 139,245	77 765,471	12,667	12,196
37	12	97 938	5 679,019	71 626,226	12,612	12,141
38	13	97 839	5 253,009	65 947,206	12,554	12,083
39	14	97 728	4 858,376	60 694,198	12,493	12,022
40	15	97 611	4 493,115	55 835,822	12,427	11,956
41	16	97 476	4 154,544	51 342,707	12,358	11,887
42	17	97 333	3 841,162	47 188,163	12,285	11,814
43	18	97 174	3 550,812	43 347,001	12,208	11,737
44	19	96 995	3 281,737	39 796,189	12,127	11,656
45	20	96 802	3 032,603	36 514,452	12,041	11,570
46	21	96 586	2 801,707	33 481,849	11,951	11,479
47	22	96 359	2 588,077	30 680,142	11,854	11,383
48	23	96 103	2 389,997	28 092,065	11,754	11,283
49	24	95 815	2 206,319	25 702,068	11,649	11,178
50	25	95 497	2 036,114	23 495,749	11,540	11,068
51	26	95 143	1 878,308	21 459,635	11,425	10,954
52	27	94 758	1 732,122	19 581,327	11,305	10,834
53	28	94 318	1 596,371	17 849,205	11,181	10,710
54	29	93 824	1 470,384	16 252,834	11,053	10,582
55	30	93 277	1 353,527	14 782,450	10,921	10,450
56	31	92 676	1 245,191	13 428,923	10,785	10,314
57	32	92 013	1 144,714	12 183,733	10,643	10,172
58	33	91 288	1 051,563	11 039,019	10,498	10,027
59	34	90 485	965,107	9 987,456	10,349	9,878
60	35	89 613	885,005	9 022,349	10,195	9,724
61	36	88 678	810,895	8 137,344	10,035	9,564
62	37	87 662	742,230	7 326,449	9,871	9,400
63	38	86 559	678,603	6 584,219	9,703	9,232
64	39	85 378	619,762	5 905,616	9,529	9,058
65	40	84 109	565,324	5 285,854	9,350	8,879
66	41	82 760	515,055	4 720,530	9,165	8,694
67	42	81 345	468,749	4 205,475	8,972	8,501
68	43	79 819	425,881	3 736,726	8,774	8,303
69	44	78 255	386,611	3 310,845	8,564	8,093
70	45	76 562	350,228	2 924,234	8,350	7,878
71	46	74 764	316,668	2 574,006	8,128	7,657
72	47	72 847	285,696	2 257,338	7,901	7,430
73	48	70 841	257,247	1 971,642	7,664	7,193
74	49	68 726	231,081	1 714,395	7,419	6,948
75	50	66 481	206,973	1 483,314	7,167	6,696
76	51	64 092	184,755	1 276,341	6,908	6,437
77	52	61 543	164,266	1 091,586	6,645	6,174
78	53	58 859	145,465	927,320	6,375	5,904
79	54	55 984	128,111	781,855	6,103	5,632
80	55	52 897	112,082	653,744	5,833	5,362
81	56	49 633	97,376	541,663	5,563	5,092
82	57	46 163	83,859	444,287	5,298	4,827
83	58	42 541	71,555	360,428	5,037	4,566
84	59	38 762	60,368	288,873	4,785	4,314
85	60	34 898	50,324	228,505	4,541	4,070
86	61	30 978	41,362	178,181	4,308	3,837
87	62	27 107	33,513	136,818	4,082	3,611
88	63	23 359	26,741	103,305	3,863	3,392
89	64	19 782	20,968	76,564	3,651	3,180
90	65	16 448	16,142	55,596	3,444	2,973
91	66	13 386	12,165	39,454	3,243	2,772
92	67	10 584	8,905	27,289	3,064	2,593
93	68	8 131	6,335	18,383	2,902	2,431
94	69	6 085	4,390	12,049	2,745	2,274
95	70	4 372	2,920	7,659	2,623	2,152
96	71	3 084	1,907	4,739	2,485	2,014
97	72	2 091	1,198	2,831	2,364	1,893
98	73	1 364	0,723	1,634	2,258	1,787
99	74	858	0,421	0,910	2,162	1,691
100	75	519	0,236	0,489	2,076	1,604